

**DIRECTORY OF EXTRAMURAL
RESEARCH & DEVELOPMENT PROJECTS**

2018-19



GOVERNMENT OF INDIA

**MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
CENTRE FOR HUMAN AND ORGANISATIONAL RESOURCE DEVELOPMENT (CHORD)
NATIONAL SCIENCE AND TECHNOLOGY MANAGEMENT INFORMATION SYSTEM (NSTMIS)
NEW DELHI – 110 016**

MARCH 2021

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Directory is available on-line at – <http://www.nstmis-dst.org>

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सत्यमेव जयते

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PREFACE

Extramural Research and Development (R&D) projects support is a peer reviewed competitive grant mechanism of the Central Government to promote, catalyze and advance R&D and innovation in the country and provides special encouragement to scientists to pursue a research career. **Centre for Human and Organisational Resource Development (CHORD)** division **erstwhile NSTMIS** division of the Department of Science and Technology (DST) has been collating, analyzing and disseminating information on Extramural Research and Development projects funded by various scientific agencies. Directory of Extramural R&D projects approved for funding by selected Central Government Departments/Agencies is being published by this department annually since 1990-91. Since 2000-01, the task for preparing the directory has been sponsored to Manpower Management Centre (MMC), New Delhi. The present directory, twenty-ninth in the series is an outcome of the efforts made in this regard for the projects funded during the year 2018-19 by various scientific agencies of the Government.

This directory contains information on 4616 R&D projects approved for funding by 16 scientific agencies/departments during 2018-19. The directory begins with brief overview and analysis of the data and provides the projects details such as title, address of principal investigator, duration, name of funding agency/scheme and funds approved have been provided based on the data received from the funding agencies. The projects have been classified into 8 major subject areas such as Agricultural Sciences, Biological Sciences, Chemical Sciences, Earth Sciences, Engineering & Technology, Mathematics, Medical Sciences and Physical Sciences. For reference, indexes on the name of Principal Investigator, Institute and State are appended.

An online Dashboard of Extramural R&D has been developed to facilitate online data collection to ensure maximum participation from various scientific agencies. It also helps in usage and data analytics of extramural R&D by varied stakeholders including policymakers in S&T sector.



New Delhi
March, 2021

(Dr. Parveen Arora)
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ABOUT THE DIRECTORY

INTRODUCTION

Centre for Human and Organisational Resource Development (CHORD) division of the Department of Science & Technology (DST) has been compiling information annually on extramural (also called sponsored) R&D projects since 1990-91 in order to exchange information on Research and Development (R&D) projects with different interest groups. This compiled information is published as an annual Directory of Extramural Research and Development projects approved for funding by various agencies during the year.

The task of collecting, compiling, analyzing and publishing the directory for the year 2018-19 was sponsored by the Department of Science & Technology to the Manpower Management Centre (MMC), New Delhi. The present directory, 29th in the series, provides details of 4616 sponsored R&D projects approved during the year 2018-19 by 16 Central Government Ministries/Departments/Agencies.

The following Ministries/Departments/Agencies of the Central Government have furnished the list of projects approved by them:

- 1 All India Council for Technical Education (AICTE)
- 2 Council of Scientific and Industrial Research (CSIR)
- 3 Defence Research and Development Organisation (DRDO)
- 4 Department of Biotechnology (DBT)
- 5 Department of Coal (DOC)
- 6 Department of Science and Technology (DST)
- 7 Department of Scientific and Industrial Research (DSIR)
- 8 Indian Council of Agricultural Research (ICAR)
- 9 Indian Council of Medical Research (ICMR)
- 10 Indian Space Research Organisation (ISRO)
- 11 Ministry of AYUSH (AYUSH)
- 12 Ministry of Earth Sciences (MOES)
- 13 Ministry of Electronics & Information Technology (MEITY)
- 14 Ministry of New & Renewable Energy (MNRE)
- 15 Ministry of Power (MOP)
- 16 Ministry of Water Resources (MOWR)

Note:

The addresses of all above mentioned funding agencies are given in **Annexure-1**.

LIMITATIONS

The data on Extramural R&D projects was collected from a number of Divisions in the Central Scientific Ministries/Departments/Agencies as per the standardized questionnaire designed by the CHORD, DST. Each division in the Central Scientific Ministries/Departments/Agencies has several schemes coordinated by various officials resulting in multiple contact points of interaction for collection of desired information which at times becomes a fairly time-consuming process. At times shortage of staff at these Ministries/Departments/Agencies leads to delay of data dissemination and hence requires multiple follow-ups over recurring months to get the data completely. 21 funding agencies were approached of which 16 provided data for the year 2018-19. Despite repeated efforts and personal visits by survey research team of MMC, quite a few funding agencies did not provide any data or provided only partial data. Moreover, data accuracy is also a challenge as data provided by several funding agencies was in abbreviated form such as acronym of Institution, name, missing designations, incomplete addresses/PIN of the Institutes, no details regarding duration of the projects & subject-areas etc. As a judicious exercise, survey team cross-validated data on funding agencies website's however most updated data was not available on some websites. The survey research team had to put in extra efforts to complete this information by communicating several times with the funding agencies. As the listing of projects is based on the inputs received from the responding agencies, it is presumed that the information furnished by them was complete. The project cost refers to the initial approved cost of the project for the initial approved duration of the project. However, it is quite possible that some of the projects mentioned in this directory may not be R&D Projects in the strict sense of the term.

ORGANISATION OF THE DIRECTORY

The projects have been listed in the directory by major subject area-wise. Under each major subject area, the projects have been arranged by funding agency-wise and also scheme-wise within funding agency. Under each scheme, the projects have been arranged alphabetically as per the title of the project. For each project, the information included is record number, title of the project, name of the funding agency/scheme, name and address of the investigator/institute, approved cost of the project and the duration of the project. The third column of the directory gives the name of funding agency and scheme. For example, this has been given as "DST-DDP". Here "DST" is the name of the funding agency i.e. Department of Science and Technology and "DDP" is the acronym used for the name of the scheme under which the project was approved i.e. Device Development Programme. For explanation of abbreviations/acronym for the agencies and schemes, the readers are advised to see **Table 1 & 2** under the Section "**BRIEF ANALYSIS**". For a quick reference, Index pages on Principal Investigator and Institute etc., have been provided in the directory at the end. The addresses of the funding agencies have been given at **Annexure-1**. **Annexure-2** gives institute-wise extramural R&D support committed during the year 2018-19. A brief analysis on the pattern of funding during the year 2018-19 is given in the following paragraphs.

BRIEF ANALYSIS

As shown in **Table 1**, 4616 new extramural R&D projects costing **Rs. 2091.04 Crore** were approved by 16 responding agencies during the year 2018-19. Detailed Scheme-wise support to these extramural R&D projects by responding agencies is given in **Table 2**.

TABLE 1

AGENCY-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS APPROVED DURING 2018-19

S. No.	Department/Ministry/Agency	No. of Projects		Total Approved Cost (Rs. Crore)	
		No.	%age	Rs.	%age
1	All India Council for Technical Education (AICTE)	118	2.56	19.99	0.96
2	Council of Scientific and Industrial Research (CSIR)	197	4.27	34.90	1.67
3	Defence Research and Development Organisation (DRDO)	110	2.38	63.19	3.02
4	Department of Biotechnology (DBT)	634	13.74	341.37	16.33
5	Department of Coal (DOC)	1	0.02	3.97	0.19
6	Department of Science and Technology (DST)	3246	70.32	1392.21	66.58
7	Department of Scientific and Industrial Research (DSIR)	2	0.04	1.90	0.09
8	Indian Council of Agricultural Research (ICAR)	14	0.30	2.52	0.12
9	Indian Council of Medical Research (ICMR)	88	1.91	25.86	1.24
10	Indian Space Research Organisation (ISRO)	109	2.36	24.43	1.17
11	Ministry of AYUSH (AYUSH)	16	0.35	6.79	0.32
12	Ministry of Earth Sciences (MOES)	44	0.95	25.62	1.22
13	Ministry of Electronics & Information Technology (MEITY)	19	0.41	120.02	5.74
14	Ministry of New & Renewable Energy (MNRE)	4	0.09	14.75	0.70
15	Ministry of Power (MOP)	13	0.28	5.22	0.25
16	Ministry of Water Resources (MOWR)	1	0.02	8.30	0.40
Total		4616	100	2091.04	100

Note:

- 'Nil' Reports were provided by four Department/Ministry/Agencies namely: Department of Atomic Energy (DAE), Ministry of Environment, Forests & Climate Change (MOEFCC), Ministry of Steel (MOS), University Grants Commission (UGC)
- One funding agency namely Petroleum Conservation Research Association (PCRA) did not provide data.
- The addresses of all the above agencies are given in **Annexure-1**.

TABLE 2
SCHEME-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS APPROVED DURING 2018-19

S. No.	Department/Ministry/Agency - Schemes	Number of Projects	Total Approved Cost (Rs. Crore)
1	All India Council for Technical Education (AICTE)		
	- Research Promotion (RP)	118	19.99
2	Council of Scientific and Industrial Research (CSIR)		
	- Emeritus Scientist (ES)	19	4.40
	- General Scheme (GS)	178	30.50
3	Defence Research and Development Organisation (DRDO)		
	- Aeronautical Research & Development Board (AR&DB)	8	1.36
	- Armament Research Board (ARRB)	16	8.75
	- Directorate of Extramural Research & Intellectual Property Rights (ER & IPR)	32	34.22
	- Life Science Research Board (LSRB)	22	7.35
	- Naval Research Board (NRB)	32	11.51
4	Department of Biotechnology (DBT)		
	- Research & Development (R&D)	634	341.37
5	Department of Coal (DOC)		
	- Science & Technology (S&T)	1	3.97
6	Department of Science and Technology (DST)		
	- Advanced Manufacturing Technologies (AMT)	40	22.89
	- Biomedical Device and Technology Development (BDTD)	21	21.32
	- Clean Energy Research Initiative (CERI)	67	144.74
	- Device Development Programme (DDP)	27	11.67
	- Intensification of Research in High Priority Areas (IRHPA)	2	3.26
	- Interdisciplinary Cyber Physical System (ICPS)	30	18.64
	- International Multilateral & Regional Cooperation (IMRC)	50	39.13
	- Mega Facilities for Basic Research Programme (MEGASC)	10	15.47
	- Nano-Mission (N-M)	48	32.33
	- Natural Resources Data Management System (NRDMS)	52	9.26
	- Scheduled Caste Sub Plan (SCSP)	3	1.20
	- Scheme for Young Scientists & Technologists (SYST)	41	11.71
	- Science & Engineering Research Board - Core Research Grant (SERB-CRG)	1205	458.25
	- Science & Engineering Research Board - Early Career Research Award (SERB-ECRA)	617	213.57
	- Science & Engineering Research Board - Empowerment & Equity (SERB-EMEQ)	231	82.17
	- Science & Engineering Research Board - Industry Relevant R&D (SERB-IRRD)	2	0.44

- Science & Engineering Research Board - Mathematical Research Impact-Centric Support Scheme (MATRICS)	302	19.93
- Science & Engineering Research Board - High Risk High Reward (SERB-HRHR)	1	0.52
- Science & Technology for Women (WS)	22	7.66
- Science and Heritage Research Initiative (SHRI)	10	4.63
- Solar Energy Research Initiative (SERI)	11	75.57
- SPLICE - Climate Change Programme (SPLICE-CCP)	30	14.21
- Technology Interventions for Addressing Societal Needs (TIASN)	11	3.71
- Technology Interventions for Disabled & Elderly Programme (TIDE)	15	6.98
- Technology Interventions for Empowerment of Tribal Population (TITE)	22	17.21
- Water Technology Initiative Programme (WTI)	16	61.75
- Women Scientist Scheme - A (WOS-A)	360	93.99
7 Department of Scientific and Industrial Research (DSIR)		
- Patent Acquisition, Collaborative Research & Technology Development (PACE)	2	1.90
8 Indian Council of Agricultural Research (ICAR)		
- Agricultural Education - Extramural Fund (AGEDU)	12	0.63
- Agricultural Engineering - Extramural Fund (AGENG)	1	1.62
- Fisheries Marine - Extramural Fund (FM)	1	0.26
9 Indian Council of Medical Research (ICMR)		
- Ad-hoc (ADHOC)	88	25.86
10 Indian Space Research Organisation (ISRO)		
- Research Sponsored (RESPOND)	56	13.97
- Space Science Promotion (SSP)	53	10.46
11 Ministry of AYUSH (AYUSH)		
- Ayurveda - Extramural Research (AYURVEDA)	4	1.73
- Homoeopathy - Extramural Research (HOMOEOPATH)	3	1.32
- Siddha - Extramural Research (SIDDHA)	1	0.38
- Unani - Extramural Research (UNANI)	3	1.67
- Yoga & Naturopathy - Extramural Research (YOGA)	5	1.70
12 Ministry of Earth Sciences (MOES)		
- R&D in Earth & Atmospheric Sciences (R&DEAS)	44	25.62
13 Ministry of Electronics & Information Technology (MEITY)		
- Research & Development (R&D)	19	120.02
14 Ministry of New & Renewable Energy (MNRE)		
- Research, Development & Demonstration (RDD)	4	14.75
15 Ministry of Power (MOP)		
- Research Scheme on Power (RSOP)	13	5.22
16 Ministry of Water Resources (MOWR)		
- Research & Development for Water Resources Management (R&D WRM)	1	8.30
Total	4616	2091.04

FUNDING AGENCY-WISE ANALYSIS

Figure 1 shows the pattern of funding by various Central Government Extramural R&D sponsoring agencies. It may be seen that the Department of Science & Technology (DST) accounted for the maximum support of Rs. 1392.21 Crore (66.58%) followed by Department of Biotechnology with Rs. 341.37 Crore (16.33%). The two departments namely Department of Science & Technology (DST) & Department of Biotechnology (DBT) together played major role in extramural R&D funding in the country by contributing more than 82.91% of the total extramural R&D support at national level.

The other agencies that funded large sanctions have been the Ministry of Electronics & Information Technology (MEITY) with Rs. 120.02 Crore (5.74%) followed by Defence Research and Development Organisation (DRDO) at Rs. 63.19 Crore (3.02%). Council of Scientific and Industrial Research (CSIR) provided funding of Rs. 34.90 Crore (1.67%). Support of Rs. 25.86 Crore (1.24%) was provided by the Indian Council of Medical Research (ICMR).

R&D SUPPORT BY CENTRAL S&T AGENCIES DURING 2018-19

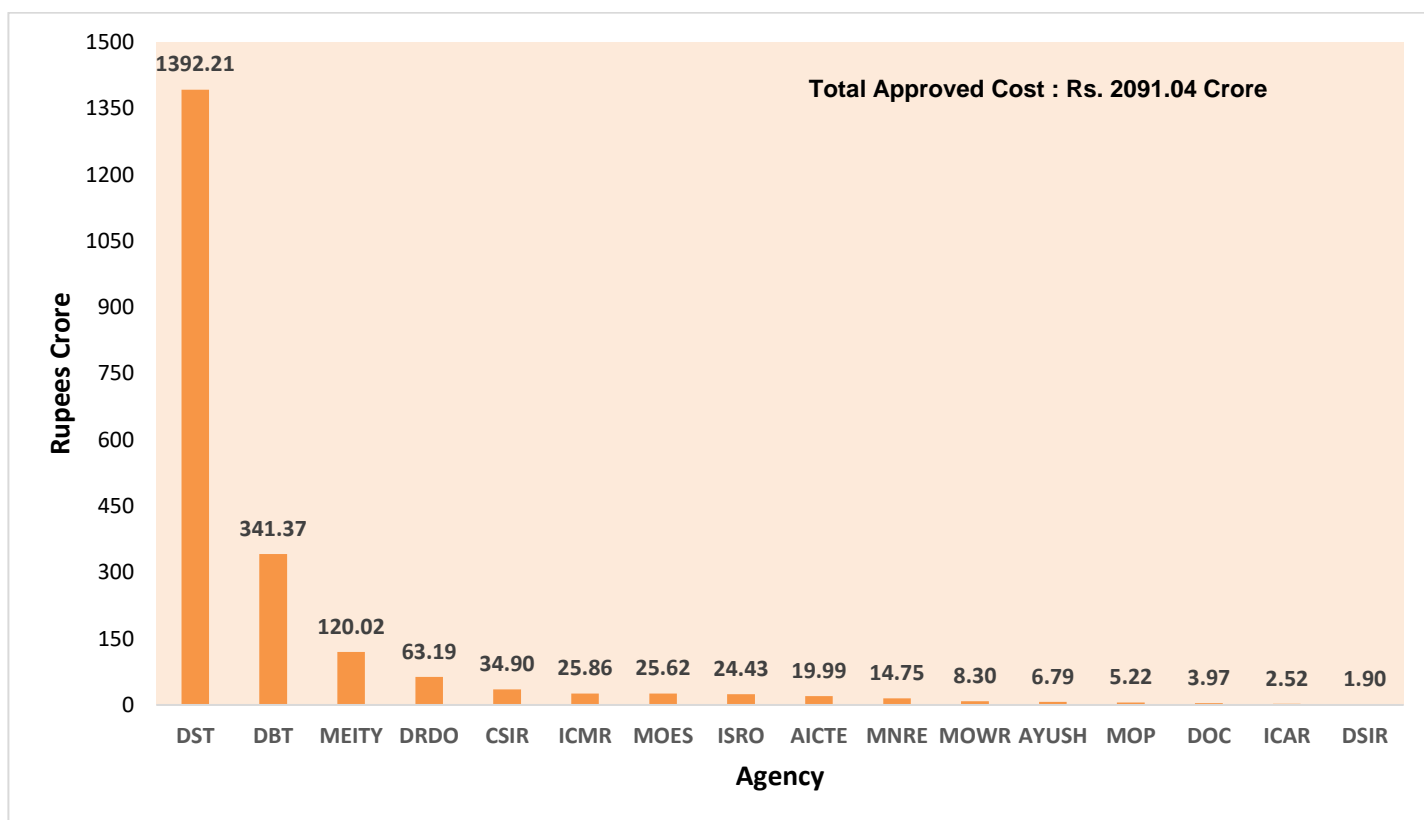


FIGURE 1

SUBJECT AREA-WISE ANALYSIS

The projects are classified in eight major subject areas as under:

- | | | |
|--------------------------|-----------------------------|----------------------|
| a) Agricultural Sciences | b) Biological Sciences | c) Chemical Sciences |
| d) Earth Sciences | e) Engineering & Technology | f) Mathematics |
| g) Medical Sciences | h) Physical Sciences | |

The classification of R&D projects has been done based on the **subject area** indicated by the agencies and also based on the title of the projects. Some of the projects may be multi-disciplinary in nature but have been classified into one of the subject areas mentioned above, depending on their major thrust. **Figure 2** shows number of extramural R&D projects approved in each subject area during the year 2018-19. It shows that maximum number of projects were in the subject areas Biological Sciences, Engineering & Technology and Chemical Sciences. Maximum number of projects were in the subject area of Biological Sciences i.e. 1451. Out of these 1451 projects, the maximum number of projects i.e. 768 were approved by the Department of Science & Technology (DST) followed by 619 projects by Department of Biotechnology (DBT), 59 projects by Council of Scientific and Industrial Research (CSIR). Engineering and Technology subject area received funding of a total 1031 projects; of which funding agencies namely DST (753), AICTE (95), DRDO (78) contributed the maximum.

The next in order is 'Chemical Sciences' in which 476 projects were approved, as seen in **Figure 2**. Out of these, the maximum number of projects i.e. 402 were approved by Department of Science & Technology (DST) followed by 59 projects by Council of Scientific and Industrial Research (CSIR).

SUBJECT AREA-WISE NUMBER OF R&D PROJECTS APPROVED DURING 2018-19

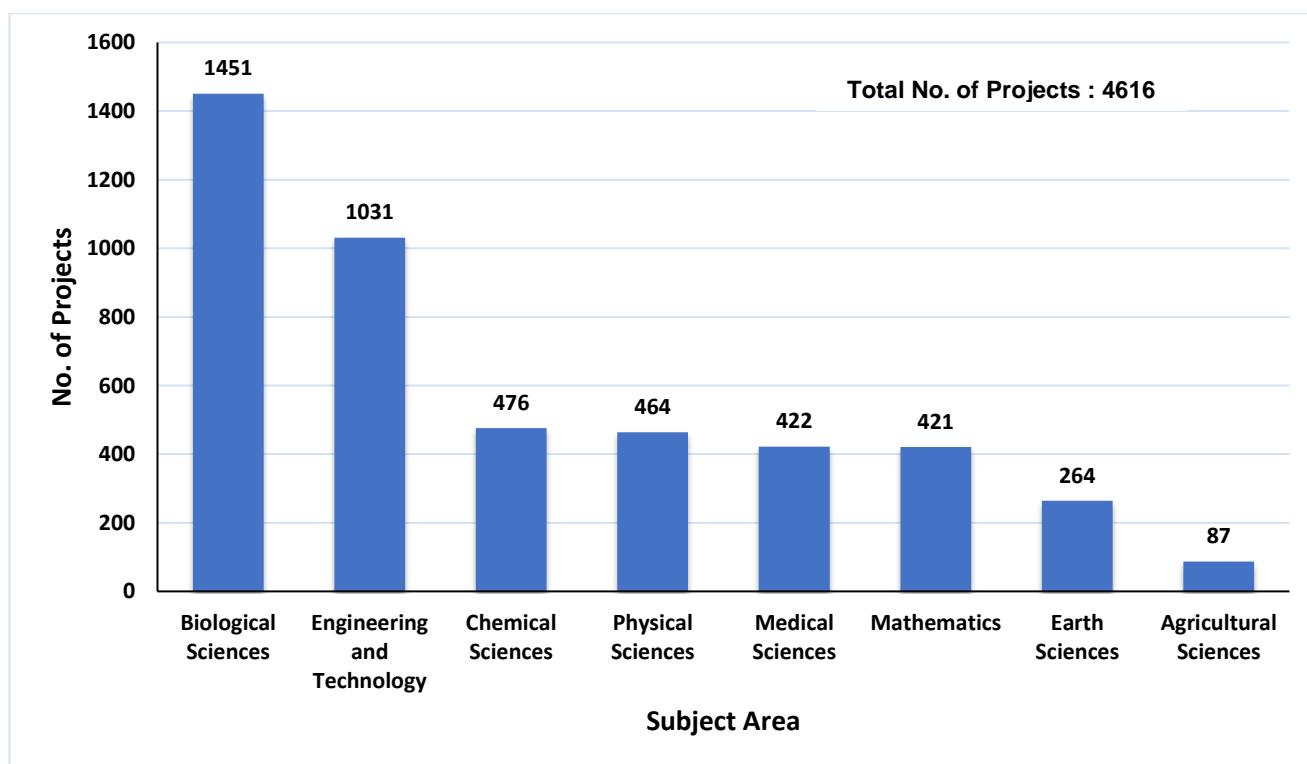


FIGURE 2

Figure 3 shows subject area-wise R&D support during the year 2018-19. Among the top 3 recipients subject areas **Engineering and Technology** received maximum financial support of 37.85 per cent followed by **Biological Sciences** at 29.86 per cent and **Chemical Sciences** at 9.20 per cent. **Physical Sciences** area received financial support of 7.52 per cent followed by **Medical Sciences** at 7.31 per cent. Projects in the area of **Earth Sciences** and **Mathematics** received financial support of 4.51 per cent and 2.34 per cent respectively. The least financial support of 1.41 per cent was received by **Agricultural Sciences**.

SUBJECT AREA-WISE R&D SUPPORT DURING 2018-19

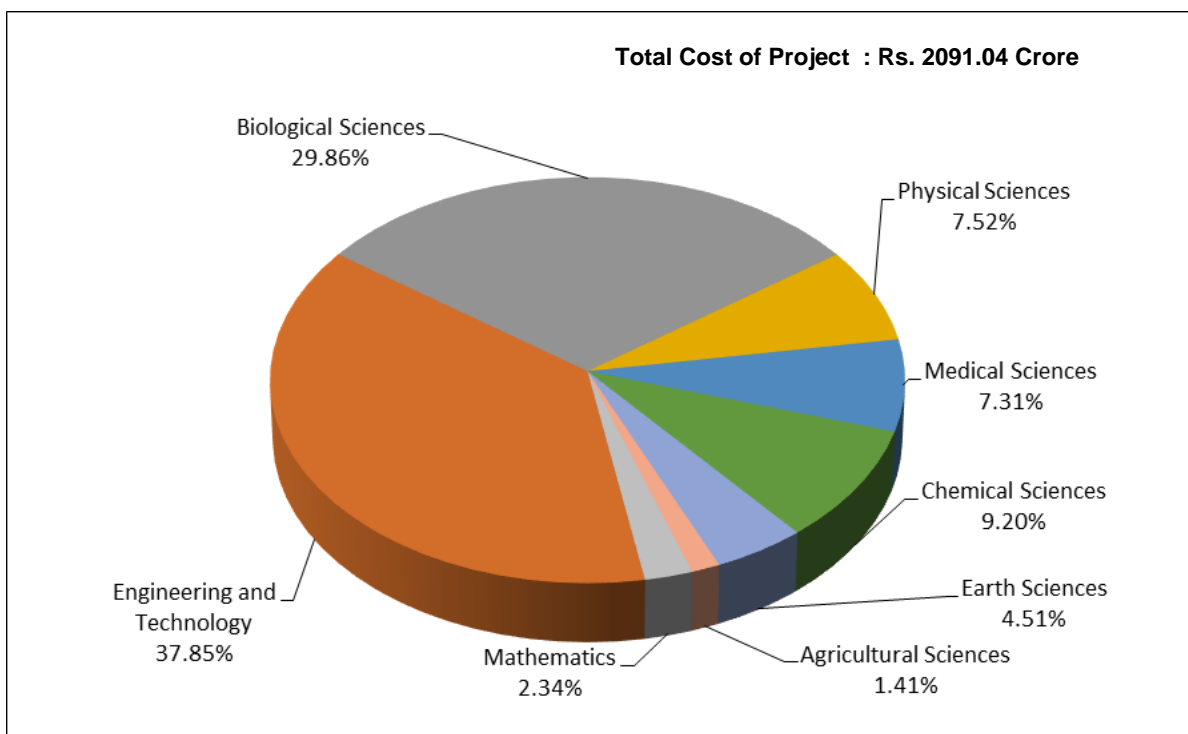


FIGURE 3

Table 3 gives information about the subject area-wise distribution of Extramural R&D projects along with their total approved cost.

TABLE 3

SUBJECT AREA-WISE DISTRIBUTION OF EXTRAMURAL R&D PROJECTS AND THEIR APPROVED COST DURING 2018-19

Subject Area	Number of Projects	(Rs. Crore)
		Total Approved Cost
Agricultural Sciences	87	29.43
Engineering and Technology	1031	791.49
Medical Sciences	422	152.86
Natural Sciences :		
Biological Sciences	1451	624.46
Chemical Sciences	476	192.28
Earth Sciences	264	94.37
Mathematics	421	48.88
Physical Sciences	464	157.27
Total	4616	2091.04

TYPES OF INSTITUTE-WISE ANALYSIS

The institutions have been classified into five categories such as:

- A. Universities/Colleges
- B. Deemed Universities
- C. Institutes of National Importance
 - Indian Institute of Technology, All India Institute of Medical Sciences, Indian Statistical Institute, Indian Institute of Science Education & Research, Indian Institutes of Management and National Institute of Technology
- D. National Research Laboratories
 - Laboratories under CSIR, ICAR, ICMR, DRDO and autonomous institutions under Central Government Ministries/Departments, Central Public Sector Undertakings
- E. Others
 - Institutions which are not covered under A, B, C & D above.

The distribution of Extramural R&D Projects by types of Institutes with their approved cost has been indicated in **Table 4**. The number given in column 2 in this Table refers to **unique institutes** which received 4616 projects for implementation.

TABLE 4

DISTRIBUTION OF EXTRAMURAL R&D PROJECTS BY TYPES OF INSTITUTES AND THEIR APPROVED COST DURING 2018-19

Types of Institutes	Number of Institutes	Number of Projects	Total Approved Cost (Rs. Crore)	Percentage of Total Approved Cost
Universities/Colleges	470	1733	626.98	30
Deemed Universities	26	304	130.02	6
Institutes of National Importance	73	1395	636.14	31
National Laboratories	42	313	133.39	6
Others	328	871	564.51	27
Total:	939	4616	2091.04	100

**Note* : Distribution is shown at the end of Annexure 2.

Figure 4 hereunder shows the percentage distribution of number of projects and its approved cost by types of Institutions during the year 2018-19. The maximum number i.e. 37% of the projects were sanctioned to Universities/Colleges with financial support of 30%. Institute of National Importance received 30% of the projects with financial support of 31%. 19% of the total projects were given to Others category and 7% to National Laboratories with financial support of 27% and 6% respectively. 7% of the projects were given to Deemed Universities with financial support of 6%. The total financial support to academic sector (A, B & C categories) was 67%.

**DISTRIBUTION OF R&D PROJECTS BY TYPES OF INSTITUTES
AND APPROVED COST DURING 2018-19**

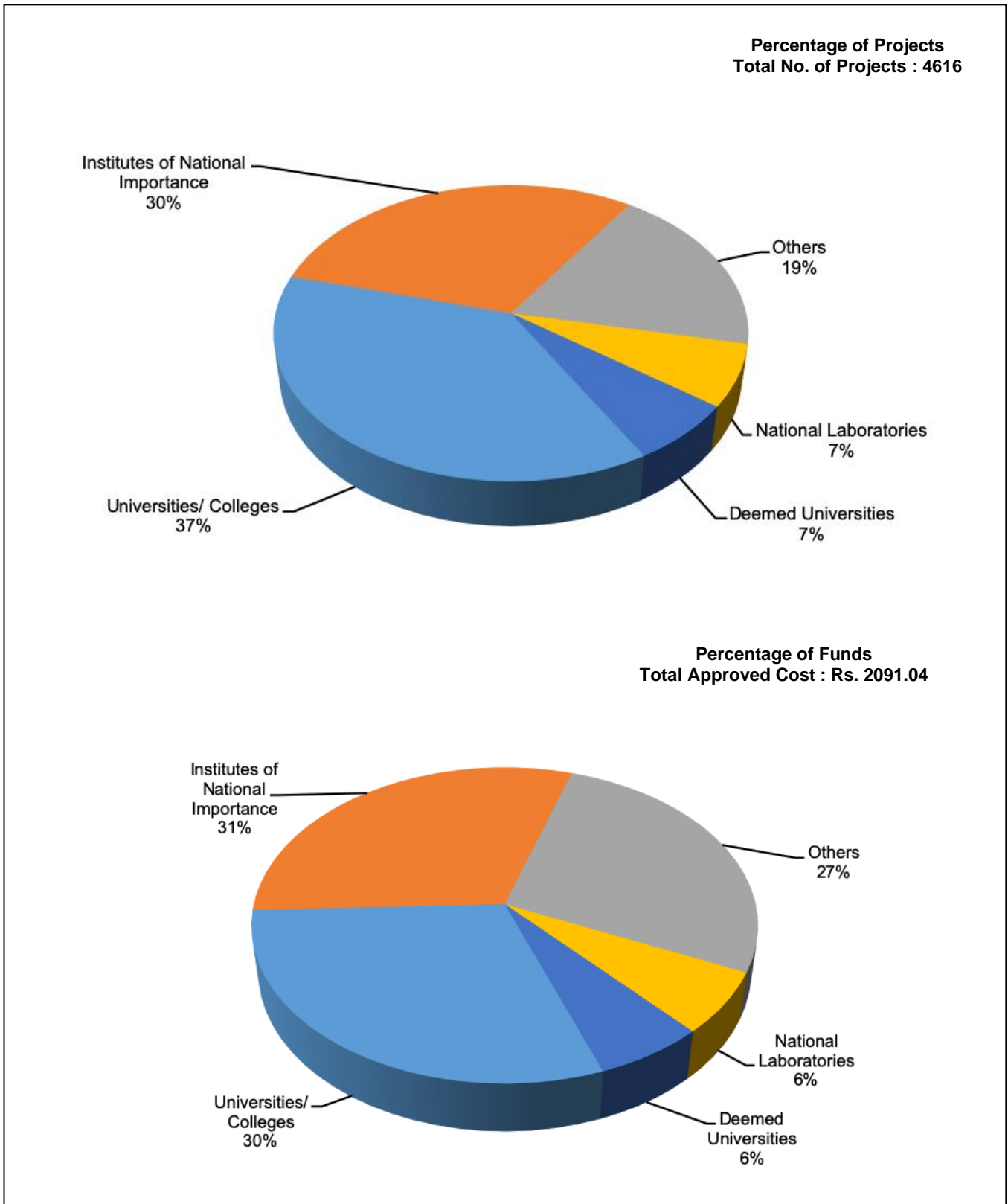


FIGURE 4

COST RANGE-WISE ANALYSIS

As per **Figure 5**, the analysis indicates that 3101 projects were in the cost range of Rs. 25 lakh & above. In addition to these, there were 1515 projects costing less than Rs. 25 lakh i.e. 521 projects were between the cost range of Rs. 20 to 25 lakh, followed by 416 projects in the cost range of Rs. 5 to 10 lakh, 376 projects were in the cost range of Rs. 15 to 20 lakh and 169 projects were in the cost range of Rs. 10 to 15 lakh. 27 projects were between the cost range of Rs. 1 to 5 lakhs, there were 6 projects costing less than Rs. 1 lakh.

DISTRIBUTION OF R&D PROJECTS BY APPROVED COST DURING 2018-19

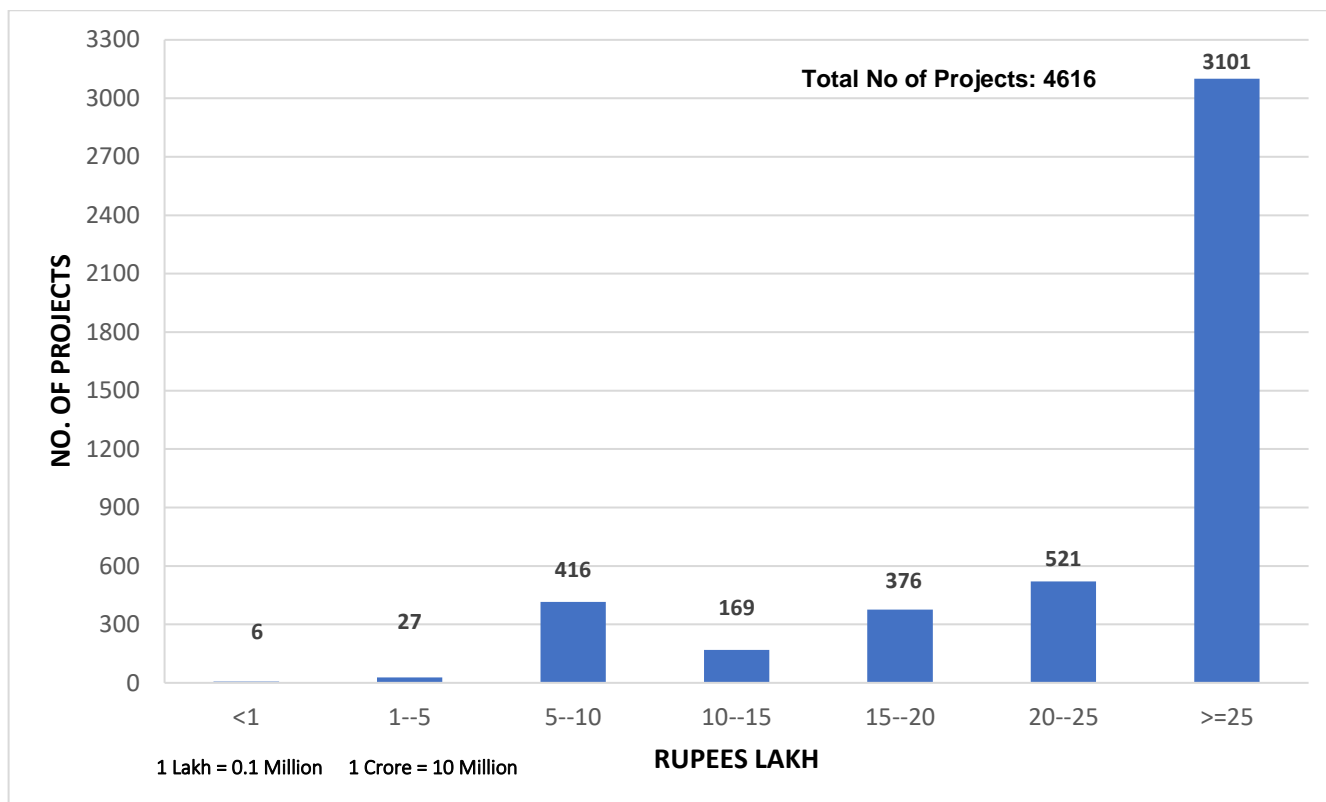


FIGURE 5

Agency-wise distribution of 3101 large projects costing equal to and above Rs. 25 lakh each has been given in **Figure-6**. Out of this, maximum number of projects i.e. 2260 were funded by the Department of Science & Technology (DST) followed by 573 by the Department of Biotechnology (DBT), 82 projects by Defence Research & Development Organisation (DRDO), 70 projects by Indian Council of Medical Research (ICMR), 26 projects each by Indian Space Research Organisation (ISRO), 24 projects by Council of Scientific and Industrial Research (CSIR) and 18 projects by Ministry of Electronics & Information Technology (MEITY). A total of 48 projects were funded by other agencies i.e. AYUSH (15), MOP (12), AICTE (11), MNRE (4), DSIR (2), ICAR (2), DOC (1), and MOWR (1).

**AGENCY-WISE DISTRIBUTION OF R&D PROJECTS
COSTING Rs. 25 LAKH & ABOVE DURING 2018-19**

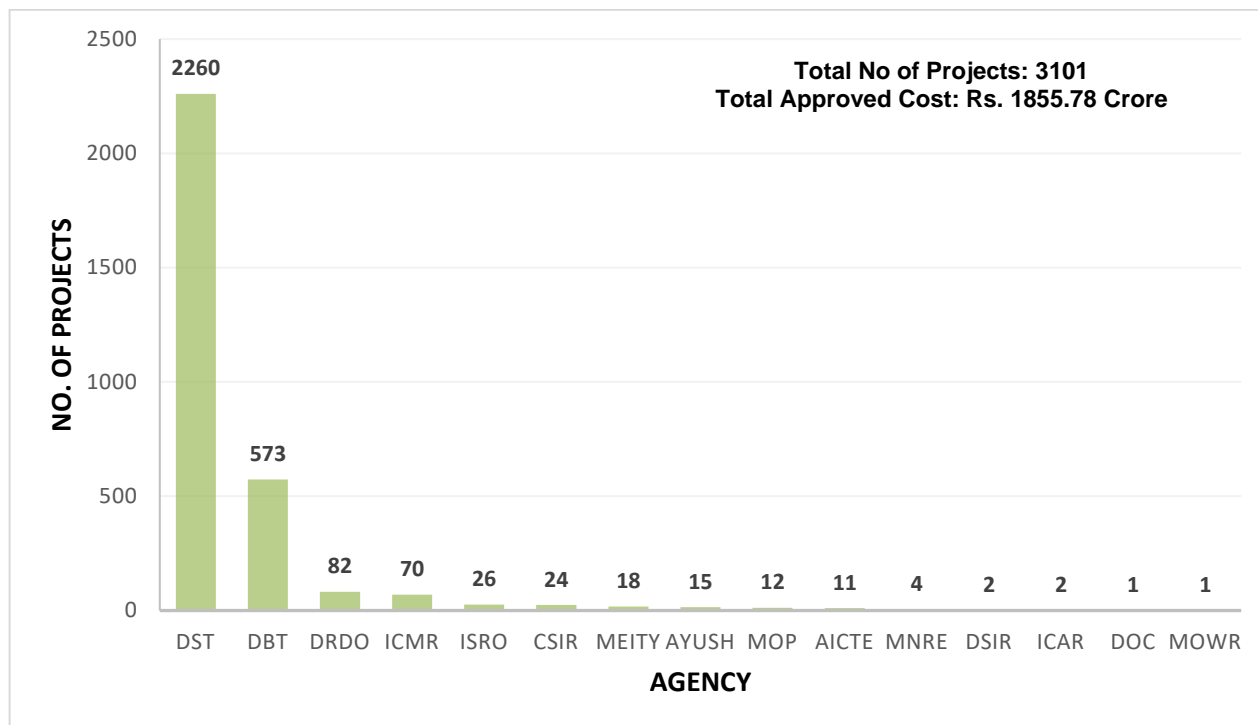


FIGURE 6

Of the total 3101 projects costing above Rs. 25 Lakhs, 3027 projects were in the range costing Rs. 25 lakh upto Rs. 2 Crore as can be seen in Table 5. The table also shows along with distribution of projects by total approved cost. The highest number of projects i.e. 2368 were in the cost range of Rs. 25-50 lakh, 475 in the range of Rs. 50-75 lakh and 96 projects between the cost range of Rs. 75-100 lakh. Cumulatively there were 88 projects were in the range of Rs. 1-2 Crore. The total approved cost for 3027 projects was Rs. 1328 Crore.

TABLE 5

**DISTRIBUTION OF EXTRAMURAL R&D PROJECTS COSTING
Rs. 25 LAKH TO \geq 2 CRORE DURING 2018-19**

Cost Range (Rs. Lakh)	Number of Projects	Total Approved Cost (Rs. Crore)
25-50	2368	857
50-75	475	276
75-100	96	81
100-125	43	48
125-150	27	36
150-175	11	17
175-200	7	13
Total	3027	1328

**DISTRIBUTION OF R&D PROJECTS BY APPROVED COST OF
RS. 25 LAKH TO >=2 CRORE DURING 2018-19**

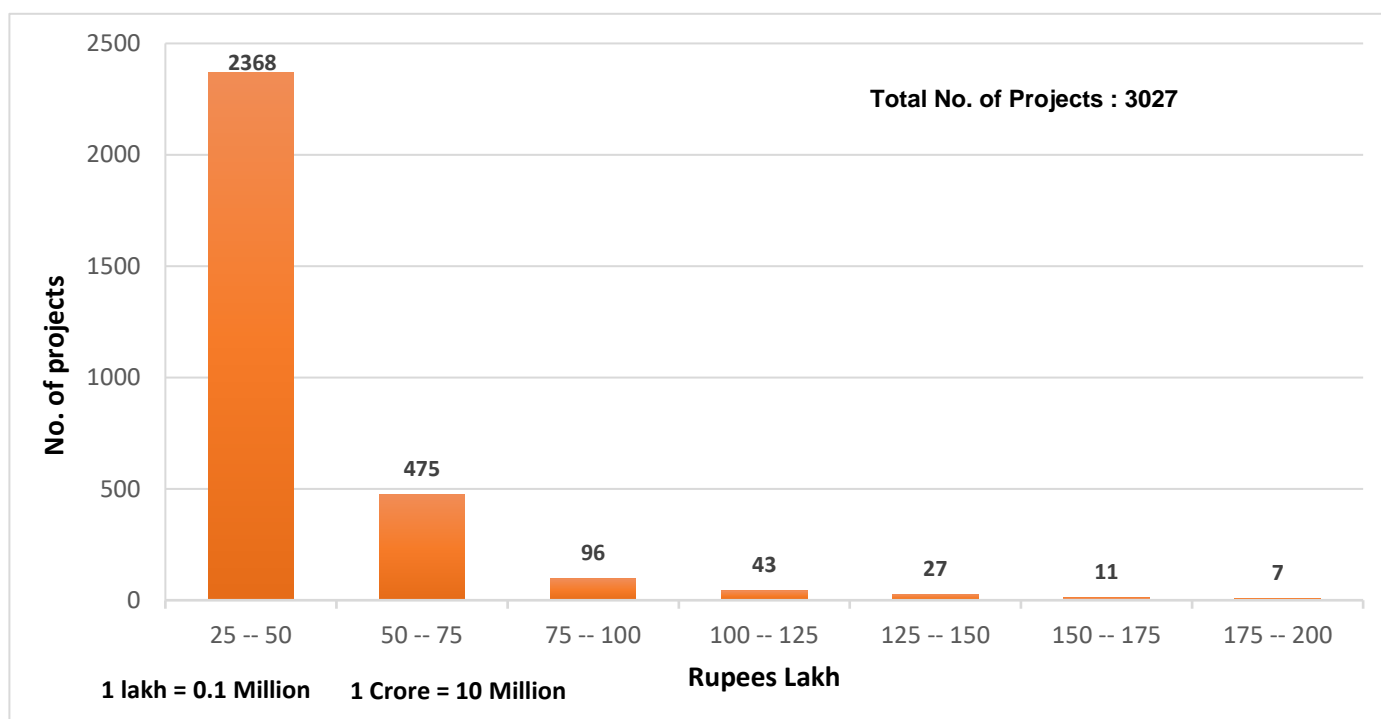


FIGURE 7

Table 6 presents distribution of projects costing Rs. 2 Crore and above along with total approved costs. Of the total 3101 projects costing above Rs. 25 Lakhs, 74 projects were sanctioned above Rs. 2 Crore for a total approved cost of Rs. 528 Crore.

TABLE 6

**DISTRIBUTION OF EXTRAMURAL R&D PROJECTS COSTING
RS. 2 CRORE TO >=5 CRORE DURING 2018-19**

Cost Range (Rs. Crore)	Number of Projects	Total Approved Cost (Rs. Crore)
2.0—2.5	16	37
2.5—3.0	10	27
3.0—3.5	8	25
3.5—4.0	6	23
4.0—4.5	1	4
4.5—5.0	5	24
>=5.0	28	388
Total	74	528

As per **Figure 8**, the high valued projects sanctioned during the year were 74. The high valued projects sanctioned by Department of Science & Technology (DST) were 50 amounting to Rs. 309.87 Crore. Ministry of Electronics & Information Technology (MEITY) sanctioned 10 high valued projects of Rs. 109.17 Crore followed by 6 projects of Department of Biotechnology (DBT) of Rs. 47.79 Crore. Defence Research and Development Organisation (DRDO) sanctioned 6 projects of Rs. 23.91 Crore. MNRE sanctioned 2 projects of Rs. 13.15 Crore and ICMR sanctioned 3 projects of Rs 9.06 Crore. MOWR, DOC and AICTE all sanctioned 1 high value project each of Rs. 8.30 Crore, Rs. 3.97 Crore and Rs. 2.21 Crore respectively.

**DISTRIBUTION OF R&D PROJECTS BY APPROVED COST OF
Rs. 2 CRORE TO >= 5 CRORE DURING 2018-19**

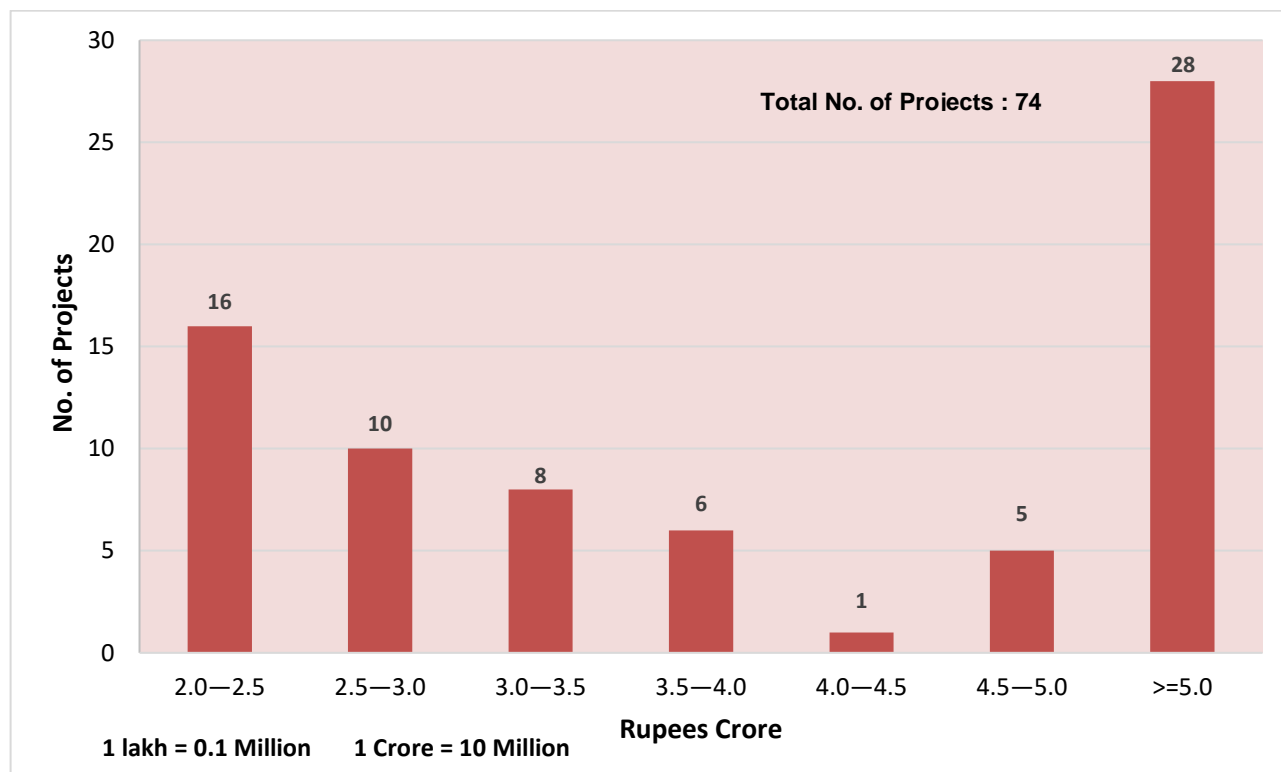


FIGURE 8

Figure 9 indicates that there were 162 projects costing Rs. 1 Crore & above which were funded by 11 agencies during 2018-19. Majority of these projects i.e. 90 (55.56%) were funded by the Department of Science & Technology (DST) followed by 42 (25.93%) projects by Department of Biotechnology (DBT). A total of 9 (5.56%) projects by Defence Research and Development Organisation (DRDO) followed by Ministry of Electronics & Information Technology (MEITY) with 7 (4.32%) projects. The remaining 14 (8.64%) projects were funded by seven agencies namely ICMR (6), MNRE (3), AICTE (1), DOC (1), DSIR (1), ICAR (1) and MOWR (1).

**AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING
Rs. 1 CRORE & ABOVE DURING 2018-19**

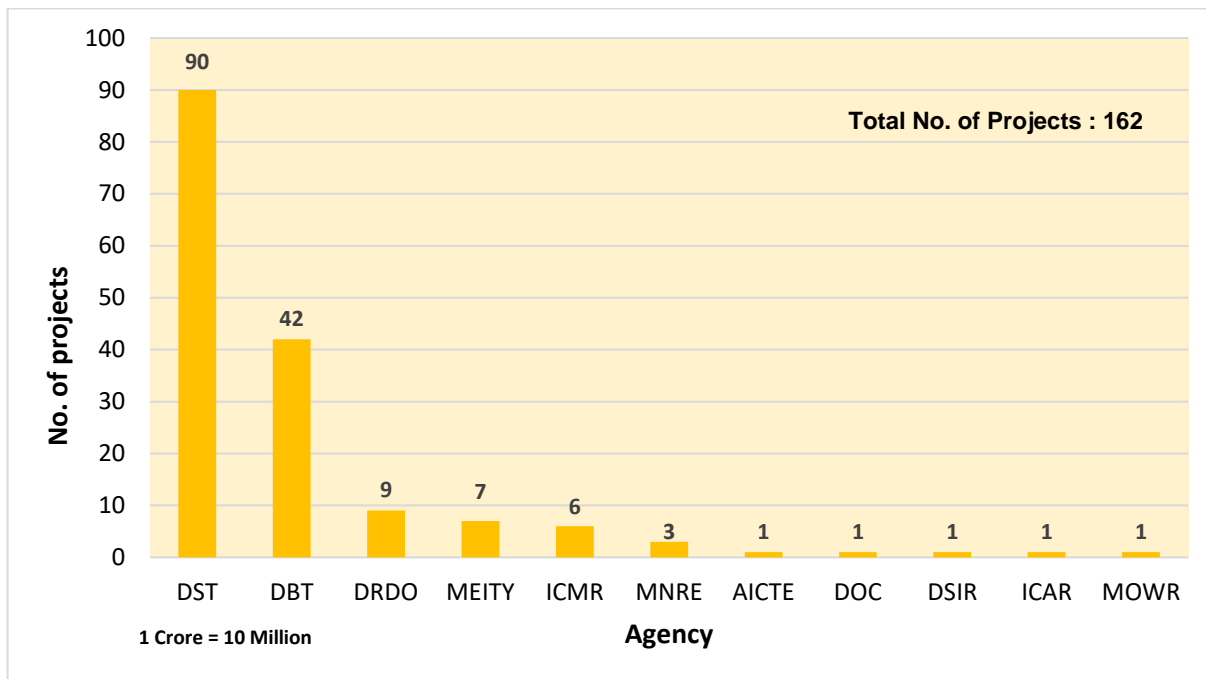


FIGURE 9

It may be seen from **Figure 10** that there were a total of 28 projects costing Rs. 5 Crore and above sanctioned by six agencies. The maximum number of projects i.e. 21 were funded by the Department of Science & Technology (DST), 3 projects by the Ministry of Electronics & Information Technology (MEITY). The remaining 4 projects were funded by the other 4 agencies namely by DBT(1), MNRE (1), MOWR (1) and DRDO (1).

**AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING
Rs. 5 CRORE & ABOVE DURING 2018-19**

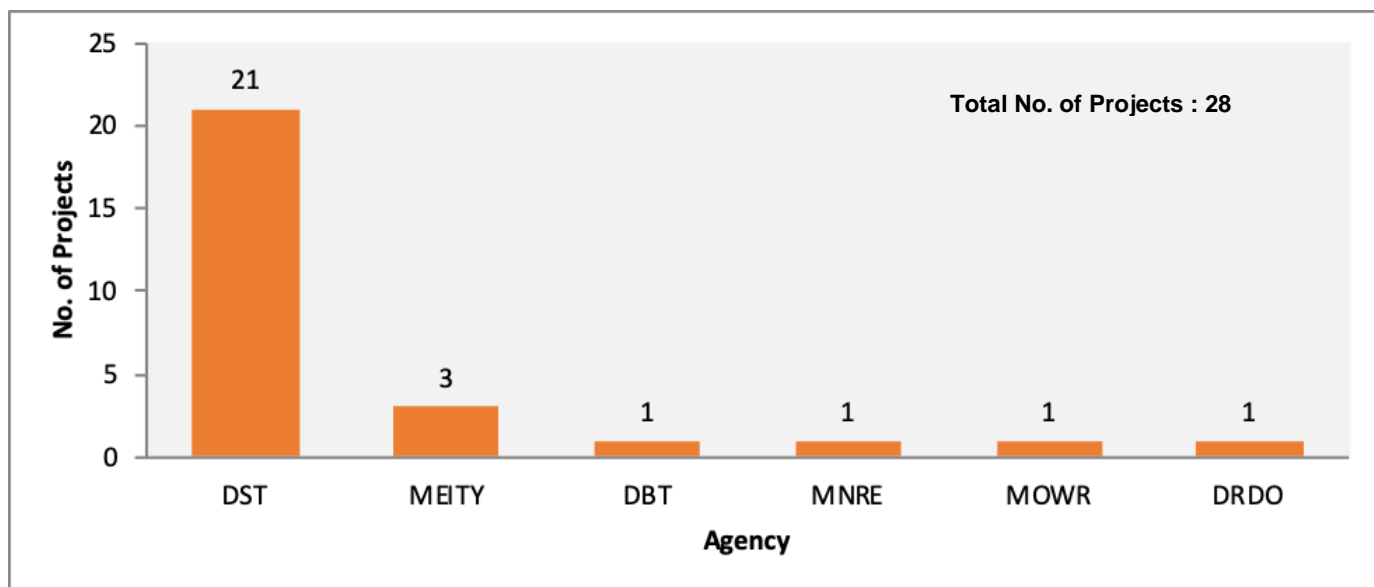


FIGURE 10

GENDER-WISE ANALYSIS : PRINCIPAL INVESTIGATORS (PIs)

The gender-wise distribution of Principal Investigators (PIs) who took up 4616 Extramural R&D Projects is shown in **Table 7**. Women participation as Principal Investigators of Extramural Projects was 28 per cent in comparison to 31 per cent during 2017-18. These female PIs have taken up 26 per cent of the total 4616 projects this year in comparison to 29 per cent of total projects 4137 during the previous year of 2017-18.

TABLE 7

GENDER-WISE DISTRIBUTION OF PRINCIPAL INVESTIGATORS DURING 2018-19

Gender	Principal Investigator		Projects	
	Number	%age	Number	%age
Male	2765	72	3394	74
Female	1073	28	1221	26
Heads*	1	0	1	0
Total	3839	100	4616	100

***Note** : Projects approved to Heads of Organisations & Institutions, their gender information is not available. Individual PI can receive funding for multiple projects in one year.

GENDER-WISE ANALYSIS : CO-PRINCIPAL INVESTIGATORS (Co-PIs)

Information on Co-Principal Investigators (Co-PIs) is recorded specifically with an intent to highlight the wider participation of women in Extramural Research (EMR). The gender-wise distribution of Co-Principal Investigators (Co-PIs) who took up Extramural R&D Projects is shown in **Table 8**. Women participation as Co-PIs of Extramural projects was 17 per cent of the total 1554 projects.

TABLE 8

GENDER-WISE DISTRIBUTION OF CO-PRINCIPAL INVESTIGATORS DURING 2018-19

Gender	Number of Co-PI*	Percentage
Male	1292	83
Female	262	17
Total	1554	100

***Note** : Co-PI data is based upon survey response received from various funding agencies.

STATE-WISE ANALYSIS

The detailed data regarding State-wise support to extramural R&D projects is given in **Annexure-3**, which shows that the highest number of 558 projects were funded in Tamil Nadu at a total cost of Rs. 246.67 Crore (11.80%), followed by 464 projects in Delhi costing Rs. 215.69 Crore (10.32%), 387 projects in Karnataka costing Rs. 193.06 Crore (9.23%), 380 projects in Maharashtra costing Rs. 170.79 Crore (8.17%) and 345 projects in West Bengal costing Rs. 150.82 Crore (7.21%). The information about the remaining States can be seen from Annexure-3.

In all 3839 PIs and 939 Institutions inclusive of "Individual Scientists & Others" handled 4616 Extramural R&D Projects in 33 States and Union Territories at a total cost of Rs. 2091.04 Crore.

SALIENT FINDINGS

- ❖ Total number of Extramural projects were 4616 in 2018-19 as compared to 4137 in 2017-18, an increase of 479 projects over the previous year.
- ❖ Extramural R&D support was Rs. 2091.04 Crore in 2018-19 as compared to Rs. 2036.32 Crore in 2017-18, an increase of Rs. 54.72 Crore over the previous year.
- ❖ Department of Science and Technology (DST) accounted for the maximum Extramural Research (EMR) support of Rs. 1392.21 Crore (67%) followed by the Department of Biotechnology (DBT) with Rs. 341.37 Crore (16%). The two Departments together contributed to 83% of the total extramural R&D funding in India.
- ❖ Ministry of Electronics & Information Technology (MEITY) has emerged as another big supporter of extramural research with share of Rs. 120.02 Crore (6%).
- ❖ Biological Sciences received maximum number of projects (1451) with financial support of (30%), followed by Engineering and Technology (1031) projects with financial support of (38%) while Chemical Sciences projects (476) received financial support of (9%).
- ❖ 3839 Principal Investigators (PIs), undertook 4616 EMR projects during 2018-19 in comparison to 3491 PIs undertaking 4137 projects during 2017-18.
- ❖ Academic sector received 67% of the extramural R&D support during 2018-19.
- ❖ Women PIs participation receiving EMR projects was 28% during 2018-19, as compared to 31% during 2017-18.
- ❖ Women Co-PIs participation receiving EMR projects was range bound between 17-18% in the Years 2018-19 and 2017-18.
- ❖ 64% of the projects were received by the institutes located in 8 States namely Tamil Nadu, Delhi, Karnataka, Kerala, Maharashtra, Telangana, Uttar Pradesh and West Bengal, accounting for a share of 71% of total EMR funding.
- ❖ 22 Indian Institute of Technology (combined) received maximum number of projects (822) with highest financial support of Rs. 449.25 Crore followed by 26 National Institute of Technology combined received (191) projects with financial support of Rs. 55.83 Crore.

**LIST OF PROJECTS
BY
BROAD SUBJECT AREAS**

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1	Delineation & characterization of defense signaling pathways & genetic regulation of induced systemic resistance in zingiber	DBT-R&D	Thomas,G., Dr. (M) Rajiv Gandhi Centre for Biotechnology Thycaud, P.O., Poojapura Thiruvananthapuram - 695 012 Kerala	64.15	36
2	Establishment of thrips cell line to identify the factors responsive to Tospo virus transmission	DBT-R&D	Ghosh,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	77.35	36
3	Functional delineation of the viral encoded RNAi suppressor on plant miRNA pathways	DBT-R&D	Bhaves,h,N.S., Dr. (M) International Centre for Genetic Engineering & Biotechnology Jawaherlal Nehru University New Delhi - 110 067 Delhi	35.18	36
4	Functional delineation of the viral encoded RNAi suppressor on plant miRNA pathways	DBT-R&D	Mishra,N.S., Dr. (F) International Centre for Genetic Engineering & Biotechnology Jawaherlal Nehru University New Delhi - 110 067 Delhi	35.18	36
5	Genome wide mapping of QTL (s) controlling healthy amylose starch variation in wheat	DBT-R&D	Roy,J.K., Dr. (M) National Agri-Food Biotechnology Institute Sector 81, S.A.S. Nagar Mohali - 140 300 Punjab	59.51	36
6	Identification & characterization of Nodule specific Cysteine Rich (NCR) peptides in Chickpea	DBT-R&D	Murugesan,S., Dr. (M) ICAR-Indian Institute of Pulses Research Kalyanpur Utter Pradesh Kanpur - 208 024 Uttar Pradesh	56.30	36
7	Identification of QTL(s) or fruit quality trait(s) in mango (Mangifera indica L.)	DBT-R&D	Srivastav,M., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	76.11	36
8	Investigating a key regulatory defense assembly & pathogen effector- induced perturbation during innate	DBT-R&D	Bhattacharjee,S., Dr. (M) Regional Centre for Biotechnology Gurugram Expressway Faridabad - 121 001 Haryana	92.02	36
9	Investigating the secret role of miRNA166 in local and systemic defense responses during potato phytophthora infestans interaction	DBT-R&D	Banerjee,A.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 410 008 Maharashtra	65.67	36
10	Molecular mapping & transfer of Yellow Vein Mosaic Virus resistance in Okra [Abelmoschus esculentus (L) Moench]	DBT-R&D	Sarao,N.K., Dr. (F) Punjab Agricultural University Ludhiana - 140 004 Punjab	58.95	36
11	Molecularly imprinted polymer sensor arrays for mycotoxin detection in plants	DBT-R&D	Subramanian,V., Dr. (M) Alagappa University Karaikudi - 630 003 Tamil Nadu	36.45	36
12	Pathogenicity gene(s) discovery in colletotrichum lindemuthianum, the causal agent of bean anthracnose	DBT-R&D	Padder,B.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar, Badgam Srinagar - 190 019 Jammu & Kashmir	10.84	36
13	QTL mapping of black rot (Xanthomonas campestris pv. campestris) resistance (race-4) genes in cauliflower	DBT-R&D	Dey,S.S., Dr. (M) ICAR-Indian Agricultural Research Institute Regional Station, Katrain Kullu - 175 129 Himachal Pradesh	50.37	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
14	Unraveling etiology of leaf crinkle disease in urdbean & development of diagnostics	DBT-R&D	Latha,T.K.S., Dr. (F) Tamil Nadu Agricultural University Madurai - 625 104 Tamil Nadu	71.07	36
15	Whole genome and transcriptome sequence based SSR & SNP markers development in Guava (Psidium guajava L.) for linkage mapping & trait association	DBT-R&D	Mittal,A., Dr. (M) Punjab Agricultural University Ludhiana - 140 004 Punjab	126.61	36
16	Identification of lentil & mungbean genotypes for microgreeens technology for L-sector & elucidation of underlying genetic/ environmental factors for their differential nutritional profiles	DRDO-LSRB	Mishra,G.P., Dr. (M) Senior Scientist ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	29.64	36
17	Development & standardization of manufacturing process of large scale production of secondary metabolites from cellulose or vascular cambial explants of selected woody plants species	DSIR-PACE	Kumar,S., Dr. (M) Vice President & Head Sami Labs Limited Bengaluru - 560 058 Karnataka	150.00	36
18	Preparation, characterization & evaluation of the efficacy of nano-biochar based nitrogen & potassium on maize productivity under rainfed agro-ecosystem of north western Himalayas	DST-N-M	Prasad,T.N.V.K.V., Dr. (M) Acharya N.G. Ranga Agricultural University Nanotechnology Laboratory Tirupati - 517 501 Andhra Pradesh	66.76	36
19	Preparation, characterization & evaluation of the efficacy of nano-biochar based nitrogen & potassium on maize productivity under rainfed agro-ecosystem of north western Himalayas	DST-N-M	Abrol,V., Dr. (M) Senior Scientist Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Advance Centre for Rainfed Agriculture Jammu - 181 133 Jammu & Kashmir	66.76	36
20	Acoustic Red Palm Weevil Detector for early warning & mitigation of crop loss (ARPWD)	DST-SYST	Pathrose,N., Ms. (F) Centre for Development of Advanced Computing (C-DAC) P.B.No. 6520, Vellayambalam Thiruvananthapuram - 695 033 Kerala	29.83	36
21	Agriwaste management by developing hygrosopic rice straw pellets for alleviating drought stress & improving soil fertility through microbial intervention	DST-SYST	Agarwal,P., Ms. (F) CSIR-National Botanical Research Institute P.O. Box 436, Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	24.05	36
22	Application of indigenou entomopathogenic nematodes as bio control agents for the management of insect pests in tomato	DST-SYST	Thakur,N., Dr. (F) Eternal University Sirmour - 173 205 Himachal Pradesh	28.80	36
23	Deployment of polymerase spiral reaction as "point-of-care" diagnostic tool kits to detect Staphylococcal & Salmonella contamination of food at source	DST-SYST	Milton,A.A.P., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	18.60	36
24	Design & development of cold mill for spices	DST-SYST	Arunkumar,T.V., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	30.25	36
25	Developing low cost smart crop monitoring system using wireless sensor network for tomato cultivation	DST-SYST	Gill,R., Ms. (F) Chandigarh University Gharuan Mohali - 140 413 Punjab	30.70	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
26	Development & evaluation of integrated pest management module to control fruit flies	DST-SYST	Rani,S., Dr. (F) Chandigarh University Gharuan Mohali - 140 413 Punjab	31.60	36
27	Development of integrated hand-held biosensor for precise detection of E. Coli pathogen in fruits & vegetables	DST-SYST	Rajasundaram,K., Dr. (M) Tamil Nadu Agricultural University Lawley Road, P.N. Pudur Coimbatore - 641 003 Tamil Nadu	38.60	36
28	Development of organic fertilizer from agricultural & nonedible oil seed waste for enhancing crop productivity	DST-SYST	Jain,R., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	28.94	36
29	Development of solar-biomass hybrid self-sustaining fish processing unit for livelihood upliftment of economically disadvantaged people of Mizoram	DST-SYST	Samanta,S., Mr. (M) CSIR-Central Mechanical Engineering Research Institute M.G. Avenue Durgapur - 713 209 West Bengal	27.96	36
30	Mobile app for assisting Indian farmers in improving yield by automatic identification of plant diseases (Rice & Tomato)	DST-SYST	Raman,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	17.73	36
31	Rapid detection of quality protein maize for increased farmer remuneration	DST-SYST	Singh,A., Dr. (M) ICAR-Indian Institute of Maize Research Ludhiana - 141 004 Punjab	29.38	36
32	Solar driven technological interventional in manufacturing of Ice Bank Tank IBT for milk cooling at dairy farms	DST-SYST	Chandla,N.K., Mr. (M) Guru Angad Dev Veterinary & Animal Science University Ferozpur Road Ludhiana - 141 001 Punjab	28.37	36
33	Synthetic microbial community as a novel approach to combat biotic stress in pigeon pea	DST-SYST	Tewari,S., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	32.82	36
34	Utilization of Kinnow for the value added product development for sustainable growth of Kinnowgrowers	DST-SYST	Singh,S., Mr. (M) Maharaja Ranjit Singh Punjab Technical University Dabwali Road, Lal Singh Nagar Bhatinda - 151 001 Punjab	26.33	36
35	Valorization of cotton seed meal extraction of quality protein for improving livelihood of cotton farmers	DST-SYST	Kumar,M., Dr. (M) ICAR-Central Research Institute for Research on Cotton Technology Adenwala Road, Matunga Mumbai - 400 019 Maharashtra	22.40	36
36	Stoichiometry agriculture through organic farming & its codification for social entrepreneurship & harmonious living	DST-TIASN	Sharma,V., Dr. (M) Chandigarh University Gharuan Mohali - 140 413 Punjab	26.89	36
37	Technological interventions for socio-economic upliftment of rural farming women, an initiative for development of Mastitis free model villages	DST-TIASN	Yatoo,M.I., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Srinagar - 190 001 Jammu & Kashmir	29.16	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
38	Appropriate technological intervention for rejuvenate natural water resources, sustainable agriculture & livelihood for tribal community in Karjat block of Maharashtra	DST-TITE	Akhade,D., Mr. (M) Anubhav Pratishthan Trust Survey No. 6, 183/2/D, Jakhotia, Khopoli Shiiphata, Tal. Khalapur Raigad - 410 203 Maharashtra	35.87	36
39	Biotechnology led organic cultivation of Naga King Chili for sustainbale agriculture	DST-TITE	Kehie,M., Dr. (M) Patkai Christian College Department of Environmental Science, Seithekema, Chumuke Dima Dimapur - 797 103 Nagaland	26.12	36
40	Empowerment of ST people of Arunachal Pradesh through income generation exploring under utilized food item 'Tashe'	DST-TITE	Tamuly,C., Dr. (M) CSIR-North East Institute of Science & Technology G, Sector, Naharlagun Itanagar - 791 110 Arunachal Pradesh	30.63	36
41	Enhancement of livelihood & crop production for tribal farmers through adoption of organic cultuvation & scientifically proven technologies	DST-TITE	Gracy,M.L., Ms. (F) Organization for Developmental Services I-51/29/2/1/D Green Building Pangra (b) Nizamabad - 503 230 Telangana	45.60	36
42	Enhancing livelihood security of Gujjar & backward tribed of Rajouri & Poonch districts of Jammu & Kashmir by strengthening sheep & goat based occupations	DST-TITE	Tufail,M., Dr. (M) Assistant Professor Government P.G. College Department of Geography, Faculty of Sciences Rajouri - 185 133 Jammu & Kashmir	53.42	36
43	Establishing income generation programme for scheduled tribed by populatizing - scientific stingless honeybees domestication	DST-TITE	Nesamony,S., Ms. (F) Gandhigram Social Welfare & Study Centre Vithura Thiruvananthapuram - 695 551 Kerala	22.98	36
44	Introduction & popularization of technologies suitable for rejuvenation of the aged coffee plants for enhancing the growth & yield from coffee cultivation in Idukki district of Kerala state	DST-TITE	Prakash,S., Ms. (F) Kottayam Social Service Society Chaithanya, P.O. Thellakom Kottayam - 686 630 Kerala	31.10	36
45	Promotion of sericulture as livelihood option among tribal farmers - initiatives in Chittoor district of Andhra Pradesh	DST-TITE	Krishna,A.V., Ms. (F) Tribal Welfare Society 10-384/C, Kranti Nagar, Jeevakona, District Chittoor Tirupati - 517 501 Andhra Pradesh	28.53	36
46	Socio-economic upliftment of farmers through adoption of improved technologies & skill development in Eri culture	DST-TITE	Barman,H., Dr. (M) Scientist C Regional Eri Research Station North Garo Hills Mendipathar - 794 112 Meghalaya	21.58	36
47	Combing 'Omics' & physiological studies to quantitate divergence between two predominant cryptic species of cotton whitefly, Bemisia tabaci in India	DST-WOS-A	Kaur,G., Ms. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	16.44	36
48	CRISPR/Cas mediated knockdown of wheat genes governing susceptibility to Puccinia rust pathogens	DST-WOS-A	Kiran,K., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Lal Bahadur Sastri Building, IARI, Pusa Campus New Delhi - 110 012 Delhi	30.73	36
49	Deciphering the role of non-coding micro RNA genes in heat stress tolerance in rice genotypes (Oryza sativa L.)	DST-WOS-A	Sanivarapu,N., Dr. (F) ICAR-Indian Institute of Rice Research Hyderabad - 500 030 Telangana	24.73	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
50	Down-regulation of Rhizoctonia solani endogenous genes by host-delivered RNA interference to enhances Sheath Blight disease resistance in rice	DST-WOS-A	Tiwari,I.M., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Lal Bahadur Sastri Building, IARI, Pusa Campus New Delhi - 110 012 Delhi	18.16	36
51	DUS characterization, assessment of seed dormancy & storage behaviour of aromatic short grain rice varieties	DST-WOS-A	Muthu,M.C., Ms. (F) College of Agriculture Orissa University of Agriculture & Technology Bhubaneswar - 751 003 Odisha	31.61	36
52	Ecosystem services valuation & carbon budget mapping of tropical dry deciduous forest, West Bengal	DST-WOS-A	Biswas,S., Dr. (F) Bidhan Chandra Krishi Viswavidyalaya Mohanpur - 741 252 West Bengal	26.73	36
53	Effects of novel peptides isolated from buffalo ovarian follicular fluid on in vitro maturation, fertilization & embryo development of oocytes retrieved from vitrified preantral follicles	DST-WOS-A	Krishna,K., Ms. (F) ICAR-National Institute of Animal Nutrition & Physiology Adugodi Bengaluru - 560 030 Karnataka	23.67	36
54	Engineering endophytic bacteria for the co-expression of Chitinase & Lectin towards bio-suppression of Red Palm Weevil (Rhynchophorus ferrugineus Olivier)	DST-WOS-A	Vidya,J., Dr. (F) ICAR-Central Plantation Crops Research Institute Regional Station, Kayamkulam Alappuzha - 690 533 Kerala	18.81	36
55	Enhanced extraction of ferulic acid from agricultural wastes & its biotransformation to vanillin	DST-WOS-A	Sharma,A., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	30.70	36
56	Exploration & DNA barcoding of wild endemic mushrooms found in Manipur having high potential for lignin degradation to support bioremediation	DST-WOS-A	Bijoya,K., Dr. (F) Gauhati University Guwahati - 781 014 Assam	31.58	36
57	Functional characterization of transcription factors in rice (Oryza sativa) by chemical genomic approach	DST-WOS-A	Vanitha,P.A., Ms. (F) Agricultural Sciences University Bengaluru - 560 065 Karnataka	30.31	36
58	Identification of candidate gene(s) for grain yield under drought by fine mapping of major QTL on wheat chromosome 7B & its transfer into popular high yielding varieties of wheat	DST-WOS-A	Goel,S., Dr. (F) S.G.T. University Gurgaon - 122 006 Haryana	20.87	36
59	Induction of genetic variability in vitro raides saffron cultures for economic traits & resistance against major fungal pathogens	DST-WOS-A	Sharma,M., Dr. (F) Depty Controller Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Jammu - 180 009 Jammu & Kashmir	18.04	36
60	Integrated 'Omics' approach for combating Fusarium wilt and sterilizing mosaic disease, two most dreaded diseases of Pigeonpea (Cajanus cajan)	DST-WOS-A	Pazhamala,L.T., Dr. (F) International Crops Research Institute for the Semi-Arid Tropics Hyderabad - 502 324 Telangana	29.40	36
61	Investigating sucrose accumulation in sugarcane through RNA - seq bulked seggregant analysis with special reference to cytoplasmic inheritance	DST-WOS-A	Banerjee,N., Dr. (F) ICAR-Indian Institute of Sugarcane Research Rai Bareli Road, P.O. Dikusha Lucknow - 226 002 Uttar Pradesh	24.03	36
62	Investigation, exploration & utilization of phytobiomes for efficient management of Rhizoctonia disease on maize	DST-WOS-A	Singh,V., Dr. (F) Chaudhary Charan Singh Haryana Agriculture University Regional Research Station, Uchani Karnal - 132 001 Haryana	25.89	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
63	Involvement of somatotropin in growth regulation of two economically important indigenous carps. Osteobrama belangeri & Bangana dero of Manipur & development of suitable feeds for successful culture	DST-WOS-A	Sobitadevi,N., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Lamphelpat Imphal - 795 001 Manipur	9.50	36
64	Isolation & characterization of green tissue specific promoters in elite cotton varieties of India	DST-WOS-A	Deborah,D.A.K., Dr. (F) ICAR-Central Institute for Cotton Research Post Bag No. 2, Post Office Shankar Nagar Nagpur - 441 108 Maharashtra	27.21	36
65	Isolation & studies on Brassica calreticulin to reveal it's particular domain possessing antioxidative role & exploration of its proper mechanism in mitigating the exidative stress	DST-WOS-A	Joshi,R., Dr. (F) G.B. Pant University of Agriculture & Technology Pantnagar - 263 145 Uttarakhand	31.60	36
66	Mapping & transfer of higher grain length & multiple rust resistance from T dicoccooides to cultivated wheat	DST-WOS-A	Kaur,M., Ms. (F) Punjab Agricultural University Ludhiana - 141 002 Punjab	19.44	36
67	Minimizing the mitochondrial & DNA cryodamages of goat sperm by modified dilutor	DST-WOS-A	Singh,P., Dr. (F) ICAR-Central Institute for Research on Goats Makhdoom, Farah Mathura - 281 122 Uttar Pradesh	29.41	36
68	NIRS based multi parameter prediction modeling & identification of related biochemical & molecular markers for baking malting & brewing quality in Barley	DST-WOS-A	Khera,S., Ms. (F) ICAR-National Bureau of Plant Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	26.65	36
69	Production of glycomaclopeptide from cheese whey at industrial level	DST-WOS-A	Sharma,N., Dr. (F) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	15.12	36
70	Understanding molecular mechanism of silicon mediated resistance against biotic stress using rice blast as a system	DST-WOS-A	Jiwani,G., Dr. (F) Finance & Accounts Officer ICAR-National Research Centre on Plant Biotechnology L.B.S. Building, IARI, Pusa Campus New Delhi - 110 012 Delhi	18.58	36
71	Understanding the underlying molecular mechanism governing A2 CMS system based cytoplasmic male sterility in Pigeon Pea	DST-WOS-A	Saxena,S., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	22.05	36
72	Developing women entrepreneurs in the field of millet food production to ensure nutritional security	DST-WS	Sujaritha,M., Dr. (F) Sri Krishna College of Engineering & Technology Kuniamuthur Coimbatore - 641 008 Tamil Nadu	35.41	36
73	Mainstreaming gender & empowerment through women friendly farm mechanization package in tribal areas of Tamil Nadu	DST-WS	Senthilkumar,R., Dr. (M) ICAR-Central Institute of Agricultural Engineering Regional Centre Coimbatore - 641 007 Tamil Nadu	34.08	36
74	Promoting spiece & pulse crop cultivation for self reliance of rural women in Sirmour district of Himachal Pradesh	DST-WS	Kumar,R., Mr. (M) Social Awareness Through Human Involvement Thakurdwara Sirmour - 173 001 Himachal Pradesh	20.22	36
75	An assessment of employability determinants of agricultural graduates	ICAR-AGEDU	Gupta,L., Dr. (M) Maharana Pratap University of Agriculture & Technology Rajasthan College of Agriculture Udaipur - 313 001 Rajasthan	5.00	12

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
76	Analyzing education needs for building core competency in faculty of NARES for promoting innovations	ICAR-AGEDU	Goswami,A.K., Dr. (M) ICAR-Indian Agricultural Research Institute Division of Fruits & Horticultural Technology, Pusa Complex New Delhi - 110 012 Delhi	5.50	12
77	Assessment of faculty teaching competencies in farm universities & strategies to enhance	ICAR-AGEDU	Ashalatha,K.V., Dr. (F) Agricultural Sciences University Directorate of Research, Krishinagar Dharwad - 580 005 Karnataka	5.00	12
78	Assessment of teaching competencies needed by agriculture teachers for increasing competency of faculty in SAU's	ICAR-AGEDU	Manhas,J.S., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Jammu - 180 009 Jammu & Kashmir	5.25	12
79	Awareness creation & popularization of community science	ICAR-AGEDU	Nagnur,S., Dr. (F) Agricultural Sciences University Directorate of Research, Krishinagar Dharwad - 580 005 Karnataka	5.00	12
80	Competency analysis among faculty of Agricultural Universities in Technology enhanced learning	ICAR-AGEDU	Vinayagam,S.S., Dr. (M) ICAR-National Academy of Agricultural Research Management Division of Education System Management, Rajendranagar, Ranga Reddy District Hyderabad - 500 030 Telangana	5.50	12
81	Counselling of students regarding career opportunities for Home Science & Agriculture	ICAR-AGEDU	Ranawat,R., Dr. (F) Rajasthan University PG Department of Home Science Jaipur - 302 004 Rajasthan	5.50	12
82	Designing of institute industry interface program for Home Science College of Rajasthan	ICAR-AGEDU	Vatta,L., Dr. (F) Rajasthan University PG Department of Home Science, Jawarlal Nehru Marg Jaipur - 302 004 Rajasthan	5.25	12
83	Development of gender sensitive entrepreneurship model through institute-industry-stateholders linkage in convergence mode	ICAR-AGEDU	Das,L., Dr. (F) ICAR-Central Institute for Women in Agriculture Bhubaneswar - 751 003 Odisha	5.25	12
84	Exploring the dairy industry needs for research & better employability of dairy graduates	ICAR-AGEDU	Singh,R., Dr. (F) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	5.50	12
85	Pedagogic & pragmatic dimensions of vocational education system: A diagnostic study on employability of fisheries students	ICAR-AGEDU	Gills,R., Dr. (F) ICAR-Central Research Institute for Dryland Agriculture P.O. Eranakulam North Kochi - 682 018 Kerala	5.25	12
86	Preference for agricultural stream in higher education in India: A gendered enquiry & initiatives to attract young talents	ICAR-AGEDU	Feroze,S.M., Mr. (M) Central Agricultural University Umroi Road Umiam - 793 103 Meghalaya	5.00	12
87	Industrial adoption of ICAR-CIRCOT paper pulp technology	ICAR-AGENG	Vigneshwaran,N., Dr. (M) Senior Scientist ICAR-Central Institute for Research on Cotton Technology Adenwala Road, Matunga Mumbai - 400 019 Maharashtra	162.20	24
Total Cost of 87 Projects Under: Agricultural Sciences				2,943.29	

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
88	Robotic mobility support system for traumatic injured patients	AICTE-RP	Vidhyapriya,R., Dr. (M) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	22.67	36
89	A meta-analysis to prospect Indian grassland wealth	CSIR-ES	Vats,S.K., Dr. (M) CSIR-Institute of Himalayan Bioresource Technology Division of Biotechnology Palampur - 176 061 Himachal Pradesh	23.16	36
90	A study of algebraic number fields and valued fields	CSIR-ES	Khanduja,S.K., Dr. (F) Indian Institute of Science Education & Research (Mohali) Department of Mathematical Science, S.A.S. Nagar Mohali - 140 306 Punjab	23.16	36
91	Antidiabetic and antibacterial potential evaluation of glycyrrhiza glabra(l)	CSIR-ES	Bhakuni,R.S., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Division of Chemical Science Lucknow - 226 015 Uttar Pradesh	23.16	36
92	Development and up-scaling of rifamycin analogs against Multi Drug Resistant (MDR) strains of Mycobacterium Tuberculosis by the manipulation of rifamycin polyketide synthase gene cluster of amycolatopsis Mediterranean s699	CSIR-ES	Lal,R., Dr. (M) CSIR-Institute of Microbial Technology Zoology Chandigarh - 160 036 Chandigarh	23.16	36
93	Development of high Vitamin D yielding elite genotypes of castrum diurnum suitable for commercial cultivation	CSIR-ES	Dhawan,O.P., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Genetics & Plant Breeding Lucknow - 226 015 Uttar Pradesh	23.16	36
94	Documentation and bio prospection of Indian medicinal lichens with special reference to their endolichenic fungi for development of herbal products	CSIR-ES	Upreti,D.K., Dr. (M) CSIR-National Botanical Research Institute Lichenology Laboratory Lucknow - 226 001 Uttar Pradesh	23.16	36
95	Fluorescent frechet-type dendron nanoparticles: Synthesis, characterization and photophysical studies	CSIR-ES	Gopidas,K.R., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Division of Chemistry Science & Technology Trivandrum - 695 019 Kerala	23.16	36
96	Growth of alloy nanoparticles of metals with low miscibility in glass matrices and ordering under confinement	CSIR-ES	Datta,A., Dr. (M) CSIR-Central Glass & Ceramic Research Institute Division of Surface Physics & Mathematics Science Kolkata - 700 032 West Bengal	23.16	36
97	Infrared studies of novae and supernovae	CSIR-ES	Banerjee,D.P.K., Dr. (M) Physical Reserch Laboratory Division of Astronomy & Astrophysics Ahmedabad - 380 009 Gujarat	23.16	36
98	Integrated geoscientific knowledge in revisiting and rejuvenating groundwater systems under changing hydrological regimes	CSIR-ES	Ahmed,S., Dr. (M) CSIR-National Geophysical Research Institute Electrical Geophysics Hyderabad - 500 007 Telangana	23.16	36
99	Multifunctional catalysts for hydrodeoxygenation of biomass-derived platform molecules to fuels and commodity chemicals	CSIR-ES	Rode,C.V., Dr. (M) CSIR-National Aerospace Laboratories Chemical Engineering & Process Developer Pune - 411 008 Maharashtra	23.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
100	Preparation of cost effective water dispersible nanoparticles and their application in sensing of environmentally important toxic analytes in industrial effluents and water	CSIR-ES	Paul,P., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Analytical Division & Central Institute Bhavnagar - 364 002 Gujarat	23.16	36
101	Redox mediated regulation of glucose homeostasis in the metabolic organs of dyslipidemic and Insulin resistance mice models	CSIR-ES	Dixit,M., Dr. (F) CSIR-Central Drug Research Institute Biochemical Pharmacology Lucknow - 226 031 Uttar Pradesh	23.16	36
102	Response of the Indian Ocean to Climate Change and Associated Modulation in the Ecosystem and Fisheries (RIO-CC-AMEF)	CSIR-ES	Sukumaran,P.K., Dr. (M) CSIR-National Institute of Oceanography Division of Physical Oceanography Goa - 403 004 Goa	23.16	36
103	Studies on electrokinetic effect from photovoltaic systems	CSIR-ES	Ghosh,B., Dr. (M) Jadavpur University School of Energy Studies Kolkata - 700 032 West Bengal	23.16	36
104	Targeted metabolomics by liquid chromatography tandem mass spectrometry (lc/ms/ms) with specific reference to Diabetes complication diseases	CSIR-ES	Ragampeta,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Analytical & Mass Spectrometry Hyderabad - 500 007 Telangana	23.16	36
105	Topological and thermodynamical investigations of mixtures containing ionic liquids with organic solvents and blends of biofuel/ biodiesel with diesel or petrol or alkanols	CSIR-ES	Sharma,V.K., Dr. (M) Maharshi Dayanand University Department of Chemistry Rohtak - 124 001 Haryana	23.16	36
106	Tuning properties of electroactive polymers by grafting stimuli-responsive block copolymers	CSIR-ES	Nandi,A.K., Dr. (M) Indian Association for the Cultivation of Science Polymer Science Unit Kolkata - 700 032 West Bengal	23.16	36
107	Upscaling of extraction process for aescin production from aesculus indica and products development	CSIR-ES	Singh,B., Dr. (M) CSIR-Institute of Himalayan Bioresource Technology Natural Products Chemistry Process Palampur - 176 061 Himachal Pradesh	23.16	36
108	Archaeal FKBPS model systems for understanding their role in protein folding and disease: In-silico analysis and structural characterization	CSIR-GS	Goel,M., Dr. (F) Delhi University Department of Biophysics New Delhi - 110 021 Delhi	31.96	36
109	Bacterial sporulenes and insights into sporulenes of lysinibacillus acetophenoni JC23T	CSIR-GS	Ramana,C.V., Dr. (M) Hyderabad University Department of Plant Science Hyderabad - 500 046 Telangana	28.96	36
110	Biochemical, transcriptional & computational analysis of lipoxygenase from Flax (linum usitatissimum L.) seedlings during growth and development	CSIR-GS	Rao,A.D., Prof. (M) Pondicherry University School of Life Science Puducherry - 605 014 Puducherry	17.00	36
111	Characterization of 3-Hydroxy-3-Methylglutaryl co-enzyme A Reductase (HMGCR) gene in cicer arietinum, and its role in abiotic stress	CSIR-GS	Yadav,G., Dr. (M) National Institute of Plant Genome Research New Delhi - 110 067 Delhi	30.96	36
112	Characterization of tumor suppressor function of miRNA 4466	CSIR-GS	Bashyam,M.D., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Lab of Molecular Oncology Hyderabad - 500 001 Telangana	23.04	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
113	Development of Mungbean Yellow Mosaic Virus resistant Green Gram (<i>Vigna radiata</i> L): Through Crispr-CAS9 approach	CSIR-GS	Mallikarjuna,G., Dr. (M) Agri Biotech Foundation Hyderabad - 500 030 Telangana	26.96	36
114	Development of novel mucosal delivery system and testing its efficacy against Salmonella infection	CSIR-GS	Faisal,S.M., Dr. (M) National Institute of Animal Biotechnology Hyderabad - 500 049 Telangana	21.00	36
115	Development of pure lines of Indian cotton cultivar(s) for the trait of in vitro regeneration	CSIR-GS	Chaudhary,B., Dr. (M) Gautam Buddha University School of Biotechnology Greater Noida - 201 310 Uttar Pradesh	9.00	36
116	DNA barcoding of dragonflies and damselfies (odonata: Insecta) based on mitochondrial coi gene	CSIR-GS	Walia,G.K., Dr. (F) Panjab University Department of Zoology & Environmental Science Patiala - 147 002 Punjab	26.96	36
117	Effects of ozonation and minor constituents of grains and intermediate products of cereals and pulse and their relationship with functional properties	CSIR-GS	Singh,N., Prof. (M) Guru Nanak Dev University Department of Food Science & Technology Amritsar - 143 005 Punjab	22.46	36
118	Elucidating the molecular targets of RSC-mediated chromatin remodeling in candida albicans	CSIR-GS	Ghosh,S.K., Dr. (M) Indian Institute of Technology (Bombay) Department of Bioscience & Bioengineering Mumbai - 400 076 Maharashtra	19.00	36
119	Evaluation of the role of aire in germ cell development & differentiation	CSIR-GS	Kumar,P., Dr. (M) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	31.96	36
120	Functional validation of polyamine biosynthesis genes for reproductive heat stress tolerance in rice	CSIR-GS	Singh,M.P., Dr. (M) ICAR-Indian Agricultural Research Institute Division of Plant Physiology New Delhi - 110 012 Delhi	24.96	36
121	Genetic engineering approaches to achieve bigger grain size in indigenous aromatic rice cultivar for yield improvement	CSIR-GS	Maiti,M.K., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Biotechnology Kharagpur - 721 302 West Bengal	24.96	36
122	Growth hormone mediates glomerular podocyte hypertrophy: Implications in Diabetic nephropathy	CSIR-GS	Pasupulati,A.K., Dr. (M) Hyderabad University Department of Biochemistry Hyderabad - 500 046 Telangana	17.00	36
123	Histochemical and biotechnological characterization of high value medicinal plants <i>Annona Muricata</i> and <i>Rauvolfia Verticillata</i> from the western ghats of India	CSIR-GS	Krishnan,S., Dr. (M) Goa University Department of Botany Goa - 403 206 Goa	24.96	36
124	Host mediated silencing of cellulose synthase genes of phytopathora infestans for late blight resistance in Indian potato cultivar(s)	CSIR-GS	Kumar,A., Dr. (M) Thapar University Department of Biotechnology Patiala - 147 004 Punjab	24.46	36
125	Improvement of sunflower oil fatty acid composition for high temperature stability and nutritional quality through genome editing using CRISPR/Cas9 technology	CSIR-GS	Reddy,M.K., Dr. (M) International Centre for Genetic Engineering & Biotechnology Crop Improvement Group New Delhi - 110 067 Delhi	30.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
126	Investigation the intricacies of natively unstructured protein pup and development of pup based inhibitors to PAFA and MPA of pup proteasome system of mycobacterium smegmatis	CSIR-GS	Prabha,C.R., Prof. (F) M.S. University of Baroda Department of Biochemistry Vadodara - 390 002 Gujarat	17.04	36
127	Micro rnas mediated regulation of iron transport in arabidopsis Thaliana	CSIR-GS	Paul,S., Dr. (M) Calcutta University Department of Botany Kolkata - 700 019 West Bengal	31.96	36
128	Modulation of carbon metabolism in brassica rapa by over-expression of ATP AP2 gene for increase in seed yield	CSIR-GS	John,R., Dr. (F) Kashmir University Department of Botany Srinagar - 190 006 Jammu & Kashmir	28.96	36
129	Response of selected legume cultivars to elevated ozone and soil nitrogen amendmets: An analysis of trade off between biological nitrogen fixation and soil nitrogen uptake	CSIR-GS	Tiwari,S., Dr. (F) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	27.96	36
130	Role of fancj helicase in the DNA end resection	CSIR-GS	Nagaraju,G., Prof. (M) Indian Institute of Science Department of Biochemistry Bengaluru - 560 012 Karnataka	23.00	36
131	Role of hexamerins in mid-gut regeneration which promotes cry toxin tolerance in lepidopteran pest	CSIR-GS	Gupta,A.D., Dr. (F) Hyderabad University Department of Animal Biology Hyderabad - 500 046 Telangana	12.00	36
132	Role of histone acetylation-mediated regulation of Cocaine-and Amphetamine-Regulated Transcript (CART) gene function in learning and memory	CSIR-GS	Sakharkar,A., Dr. (M) Savitribai Phule Pune University Department of Biotechnology Pune - 411 007 Maharashtra	12.00	24
133	Screening core germplasm of Mungbean (Vigna radiata L.) & Urdbean (Vigna mungo L.) to identify heat-tolerant lines & explore the underlying mechanisms of heat tolerance involving physiological & molecular interventions	CSIR-GS	Nayyar,H., Prof. (M) Panjab University Department of Botany Chandigarh - 160 014 Chandigarh	23.96	36
134	Smart irrigation and fertilization system for precision agriculture using internet of things and cloud infrastructure	CSIR-GS	Kaur,S., Dr. (F) Thapar University Department of Computer Science & Enginnering Patiala - 147 004 Punjab	20.96	36
135	Stress induced clearance of dysfunctional mitochondria through puma dependent mitophagy	CSIR-GS	Bhutia,S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Life Science Rourkela - 769 008 Odisha	28.96	36
136	Structural insights into the mechanism of phosphoregulation of the grainyhead like 2 proteins: Implications in breast cancer pathogenesis	CSIR-GS	Beigh,M.A., Dr. (M) Kashmir University Department of Nanotechnology Srinagar - 190 006 Jammu & Kashmir	28.00	36
137	Structural modeling of RNA binding proteins and their assembly in human proteome	CSIR-GS	Bahadur,R.P., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Biotechnology Kharagpur - 721 302 West Bengal	16.50	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
138	Studies on fiber morphology of Indian hardwoods and development of database for their efficient utilization by industry	CSIR-GS	Gupta,S., Dr. (F) Forest Research Institute Wood Anatomy Discipline Dehradun - 248 006 Uttarakhand	14.61	36
139	Studies on nanoparticles (FeO ₂ & CuO-nps) mediated toxicity, tolerance mechanisms & their toxicity management in some susceptible and tolerant rice (oryza sativa L.) varieties	CSIR-GS	Sharma,S., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Department of Biotechnology Allahabad - 211 004 Uttar Pradesh	30.96	36
140	Study of heavy metal resistant Plant Growth Promoting Rhizobacteria (PGPR) isolated from the industrial belt of Burdwan district, W.B. and their characterization for bioremediation and agricultural application	CSIR-GS	Maiti,T.K., Dr. (M) Burdwan University Department of Botany Burdwan - 713 104 West Bengal	23.96	36
141	Synthesis, characterization and evaluation of novel nanohybrid polymers to improve the flow behavior of Indian waxy crude oils	CSIR-GS	Mahto,V., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Petroleum Engineering Dhanbad - 826 004 Jharkhand	25.46	36
142	To characterize the epigenetic targets of potential anti-cancer drug: Curcumin, ebsele and KP1019	CSIR-GS	Tomar,R.S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Biological Science Bhopal - 462 023 Madhya Pradesh	24.96	36
143	To dissect the molecular mechanism of flocculation & biofilm formation of yeast	CSIR-GS	Tomar,R.S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Biological Science Bhopal - 462 066 Madhya Pradesh	15.00	36
144	Transcriptome analysis of single and double gene-knockout mutants of PEIIF4A in physcomitrella patens	CSIR-GS	Kapoor,M., Dr. (F) Guru Govind Singh Indraprastha University School of Biotechnology University New Delhi - 110 078 Delhi	27.46	36
145	Understanding the role of sphingosine kinase isoforms in Systemic Lupus Erythematosus (SLE)	CSIR-GS	Harikumar,K.B., Dr. (M) Rajiv Gandhi Centre for Biotechnology Department of Biotechnology Thiruvananthapuram - 695 014 Kerala	21.00	36
146	Unraveling the role of fibroblast growth factors and signaling during gametogenesis in teleosts	CSIR-GS	Senthilkumaran,B., Dr. (M) Hyderabad University Department of Animal Biology Hyderabad - 400 046 Telangana	19.00	36
147	Unravelling host-pathogen interactions underlying disease development by valvet bean severe mosaic virus in medicinal plant mucuna pruriens through transcriptome analysis	CSIR-GS	Kumar,Y., Dr. (M) D.A.V. University Department of Biotechnology Jalandhar - 144 012 Punjab	34.96	36
148	40 PLUS - A paper based microfluidic chip for the monitoring of women health after 40	DBT-R&D	Babu,S.T.G., Dr. (M) Amrita Vishwa Vidyapeetham Amritanagar, Ettimadai Coimbatore - 641 112 Tamil Nadu	62.21	36
149	A computational software to find biomarkers using alternative splicing as a tool	DBT-R&D	Sharma,R.D., Dr. (M) Amity University Amity Education Valley Gurgaon - 122 413 Haryana	19.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
150	A cost effective technology for bio-methanol production using biogas as feedstock (Phase-I)	DBT-R&D	Ghosalkar,A., Dr. (M) Praj Industries Limited P.O. Armament (Sub Office) Pune - 411 021 Maharashtra	65.48	12
151	A cost effective technology for bio-methanol production using biogas as feedstock (Phase-I)	DBT-R&D	Wangikar,P.P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	65.48	12
152	A genetic Algorithm - based targeted approach for understanding the phenotypic heterogeneity of Thalassemia syndromes in northern & eastern Indian populations	DBT-R&D	Sharma,P., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	61.02	36
153	A genetic Algorithm - based targeted approach for understanding the phenotypic heterogeneity of Thalassemia syndromes in northern & eastern Indian populations	DBT-R&D	Basu,A., Dr. (M) Burdwan University Rajban Burdwan - 713 104 West Bengal	61.02	36
154	A novel molecular screening approach for clinical & molecular characterization of Usher syndrome	DBT-R&D	Sarangapani,S., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	46.98	36
155	A study of host cellular nucleolin & virus nucleoprotein interplay in influenza a virus infection	DBT-R&D	Rajala,S.M.M., Dr. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	37.05	36
156	Adaptive role of truncation mutations in Salmonella virulence evolution	DBT-R&D	Chattopadhyay,S., Dr. (M) Amrita Vishwa Vidyapeetham Amrita School of Biotechnology, Ettimadai Coimbatore - 641 112 Tamil Nadu	27.50	24
157	An attempt to generate transgenic pig through testicular transgenesis or male germ cell transplantation to enhance productivity	DBT-R&D	Majumdar,S.S., Dr. (M) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachibowli Hyderabad - 500 032 Telangana	36.97	36
158	An attempt to generate transgenic pig through testicular transgenesis or male germ cell transplantation to enhance productivity	DBT-R&D	Govindasamy,K., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Barapani Umiam - 793 103 Meghalaya	36.97	36
159	An integrated approach to explore & exploit the innate & adaptive immune response in indigenous duck breeds of north eastern & south India	DBT-R&D	Pal,A., Dr. (F) West Bengal University of Animal & Fishery Sciences 37 & 68 Khudiram Bose Sarani, Block C, MIG Housing, Tala Kolkata - 700 037 West Bengal	87.43	36
160	An integrated approach to explore & exploit the innate & adaptive immune response in indigenous duck breeds of north eastern & south India	DBT-R&D	Kalit,D.J., Dr. (M) College of Veterinary Science District Chittoor Tirupati - 517 501 Andhra Pradesh	87.43	36
161	An integrated approach to explore & exploit the innate & adaptive immune response in indigenous duck breeds of north eastern & south India	DBT-R&D	Manoharan,S., Dr. (M) Tamil Nadu Veterinary & Animal Sciences University Madras University College Chennai - 600 051 Tamil Nadu	87.43	36
162	An integrated omics approach to characterize circulating Newcastle disease virus & intervention strategies to control Newcastle disease in north east India	DBT-R&D	Kumar,A., Dr. (M) Lala Lajpat Rai University of Veterinary & Animal Sciences No.1, Rajgarh Road, Near H.A.U Gate, Prem Nagar Hisar - 125 001 Haryana	35.68	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
163	An integrated omics approach to characterize circulating newcastle disease virus & intervention strategies to control newcastle disease in north east India	DBT-R&D	Deka,P., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	35.68	36
164	Analysis of genetic diversity, development of sex linked SCAR markers & marker-assisted selection of Asian Palmyra Palm (Borassus flabellifer L., Arecaceae)	DBT-R&D	Sabu,K.K., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Pacha, Palode Thiruvananthapuram - 695 562 Kerala	22.34	36
165	Analysis of gut metagenome of duck (Anas platyrhynchos) with special reference to identification of bacteria having probiotic potential	DBT-R&D	Borah,P., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	42.48	36
166	Anti-inflammatory exosomes: Potential drug delivery system to ocular diseases	DBT-R&D	Upadhy,D., Dr. (M) Manipal University Manipal - 576 104 Karnataka	97.86	36
167	Antileishmanial properties of some selected medicinal plants of north east India: Screening, isolation & identification of active phytoconstituents	DBT-R&D	Tadigoppula,N., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	21.53	36
168	Antileishmanial properties of some selected medicinal plants of north east India: Screening, isolation & identification of active phytoconstituents	DBT-R&D	Khan,A.M., Dr. (M) ICMR-Regional Medical Research Centre N.E. Region, Post Box No, 105 Dibrugarh - 786 001 Assam	21.53	36
169	Application of biosynthesized metal nanoparticles for quality enhancement of Muga silk fiber	DBT-R&D	Patnaik,S., Dr. (M) CSIR-Indian Institute of Toxicology Research Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, P.O. Box 80 Lucknow - 226 001 Uttar Pradesh	28.99	36
170	Application of biosynthesized metal nanoparticles for quality enhancement of Muga silk fiber	DBT-R&D	Saikia,L., Dr. (F) CSIR-North East Institute of Science & Technology NH-37, Pulibor Jorhat - 785 006 Assam	28.99	36
171	Application of CRISPR-Cas9 system to develop gossypol free seed in upland Cotton (Gossypum hirsutum L.)	DBT-R&D	Ishwarappa,K., Prof. (M) Agricultural Sciences University Dharwad - 580 005 Karnataka	38.71	36
172	Aptamer- based Tuberculosis diagnostic toolbox	DBT-R&D	Sharma,T.K., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	21.71	36
173	Aptamer- based Tuberculosis diagnostic toolbox	DBT-R&D	Tyagi,J.S., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	21.71	36
174	Aptamer- based Tuberculosis diagnostic toolbox	DBT-R&D	Haldar,S., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	21.71	36
175	Assessing the calcium binding affinity of calcium binding proteins with state-of-the art computational techniques: Towards developing a model for calcium	DBT-R&D	Bandyopadhyay,P., Prof. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	38.20	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
176	Assessment of antimicrobial & plant growth promoting potential of indigenous endophytic bacterial strains of Manipur	DBT-R&D	Mande,S.C., Dr. (M) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	25.65	36
177	Assessment of antimicrobial & plant growth promoting potential of indigenous endophytic bacterial strains of Manipur	DBT-R&D	Ningthoujam,D.S., Dr. (M) Manipur University Imphal - 795 003 Manipur	25.65	36
178	Assessment of antimicrobial & plant growth promoting potential of indigenous endophytic bacterial strains of Manipur	DBT-R&D	Banerjee,S., Dr. (F) Hyderabad University Prof C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	25.65	36
179	Assessment of extracellular alpha-synuclein on midbrain astrocytes - implications in the pathophysiology of Parkinson's disease	DBT-R&D	Datta,I., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off Hosur Road Bengaluru - 560 029 Karnataka	72.00	36
180	Augmentation of household income through improvement of production efficiency of dairy cattle & fodder production in the rural areas of Kasmir valley	DBT-R&D	Goswami,P., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar, Badgam Srinagar - 190 025 Jammu & Kashmir	33.31	36
181	Biocalcification process of photoautotrophic bacteria in concrete environment	DBT-R&D	Reddy,S.M., Dr. (M) Thapar University Patiala - 147 001 Punjab	15.60	24
182	Biochemical & functional characterization of two formins of Leishmania major & their role in infectivity of the parasite	DBT-R&D	Maiti,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	44.46	36
183	Biocompatible combined polymer-polysaccharide core-shell VEGF-targeted nano-carrier for sustained intraocular pharmacotherapy towards Diabetic Retinopathy	DBT-R&D	Maiti,K.K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	51.23	36
184	Biocontrol of aeromonas hydrophila & flavobacterium columnare infection in labeo rohita through Phage therapy & paraprobiotics	DBT-R&D	Choudhury,T.G., Mr. (M) College of Fisheries Central Agricultural University, Lembucherra Agartala - 799 210 Tripura	43.67	36
185	Biocontrol of aeromonas hydrophila & flavobacterium columnare infection in labeo rohita through Phage therapy & paraprobiotics	DBT-R&D	Rathore,G., Dr. (M) ICAR-National Bureau of Fish Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	43.67	36
186	Bio-inspired cationic lipid nanocarriers to deliver CRISPR/ Cas9 system for efficient genome editing in mammalian	DBT-R&D	Marepally,S.K., Dr. (M) Christian Medical College Vellore - 632 002 Tamil Nadu	47.59	36
187	Biological fingerprinting of Mizo folklore plants (Lannea coromandelica (Houtt.) Merr. & Trevesia palmata Roxb.) & their therapeutic efficacy on modulation of cytokines, oxido-nitrosative stress, transcription factors & apoptosis in TNBS-induced ..	DBT-R&D	Guruswami,G., Prof. (M) Mizoram University Tlanguam Aizawal - 796 004 Mizoram	42.84	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
188	Biological fingerprinting of Mizo folklore plants (<i>Lannea coromandelica</i> (Houtt.) Merr. & <i>Trevesia palmata</i> Roxb.) & their therapeutic efficacy on modulation of cytokines, oxido-nitrosative stress, transcription factors & apoptosis in TNBS-induced ..	DBT-R&D	Parimelazhagan,T., Prof. (M) Bharathiar University Coimbatore - 641 046 Tamil Nadu	42.84	36
189	Biological investigation & degradation behaviour of bioglass based artificial cornea material	DBT-R&D	Krishnakumar,S., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	34.92	36
190	Biological investigation & degradation behaviour of bioglass based artificial cornea material	DBT-R&D	Subramanian,B., Prof. (M) Madras University Chennai - 600 005 Tamil Nadu	34.92	36
191	Biomarkers of oral cancer risk prediction	DBT-R&D	Ramadas,K., Prof. (M) Regional Cancer Centre Thiruvananthapuram - 695 001 Kerala	248.37	60
192	Biomarkers of oral cancer risk prediction	DBT-R&D	Pillai,R.M., Prof. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	248.37	60
193	Biophysical studies of DNA interaction with indole alkaloids extracted from north east Indian biodiversity	DBT-R&D	Maiti,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	39.23	36
194	Biophysical studies of DNA interaction with indole alkaloids extracted from north east Indian biodiversity	DBT-R&D	Bhattacharya,J., Dr. (F) National Institute of Technology (Nagaland) Dimapur - 797 112 Nagaland	39.23	36
195	Bioprospecting of a protein protease inhibitor from an isolated marine bacterium <i>Oceanimonas</i> Sp. BPMS22 and its role on macrophage repolarization in the treatment of Visceral Leishmaniasis	DBT-R&D	Mahapatra,S.K., Dr. (M) SASTRA University Anna Nagar Kumbakonam - 612 001 Tamil Nadu	49.93	36
196	Bio-prospecting of some indigenous medicinal plants of NE region of India with special reference to anti-inflammatory properties	DBT-R&D	Babu,K.S., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	20.67	36
197	Bio-prospecting of some indigenous medicinal plants of NE region of India with special reference to anti-inflammatory properties	DBT-R&D	Bordoloi,M., Dr. (M) CSIR-North East Institute of Science & Technology NH 37, Pulibor Jorhat - 785 006 Assam	20.67	36
198	Bio-prospecting of some indigenous medicinal plants of NE region of India with special reference to anti-inflammatory properties	DBT-R&D	Barua,I.C., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	20.67	36
199	Bio-prospection of actinomycetes from high altitude salt lakes of Leh-Ladakh for drug discovery against Tuberculosis	DBT-R&D	Parry,Z.A., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	56.67	36
200	Biotechnological approaches for conservation & eco-restoration of <i>Paris polyphylla</i> & <i>Kaemphena parviflora</i> - A highly traded endangered medicinal plant species in Arunachal Pradesh	DBT-R&D	Phurailatpam,A., Dr. (M) Central Agricultural University Imphal - 795 004 Manipur	17.69	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
201	Biotechnological approaches for conservation & eco-restoration of Paris polyphylla & Kaempferia parviflora - A highly traded endangered medicinal plant species in Arunachal Pradesh	DBT-R&D	Patil,G.B., Dr. (M) Anand Agricultural University Hadgood Anand - 388 110 Gujarat	17.69	36
202	Blood brain barrier permeable nanocarriers for diagnosis & therapy of neurodegenerative diseases	DBT-R&D	Jayasree,R.S., Dr. (F) Sree Chitra Tirunal Institute for Medical Sciences & Technology Jai Nagar W Road, Chalakkuzhi Thiruvananthapuram - 695 011 Kerala	94.98	36
203	Body composition, early growth & chronic disease risk of school aged children who were born low birth weight at term	DBT-R&D	Kumar,G.T., Dr. (F) Institute of Home Economics F-4, Hauz Khas Enclave New Delhi - 110 016 Delhi	29.01	24
204	Body composition, early growth & chronic disease risk of school aged children who were born low birth weight at term	DBT-R&D	Sachdev,H.S., Dr. (M) Sitaram Bharia Institute of Science & Research B-16, Qutab Institutional Area New Delhi - 110 016 Delhi	29.01	24
205	Cell type-specific manipulation through genome editing & viral targeting in health & disease	DBT-R&D	Chande,A.G., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	61.33	36
206	Centre for Processes & Structures to Support Translational Research & Innovations in Nanobiotechnology	DBT-R&D	Sharma,R., Mr. (M) The Energy & Resources Institute Darbari Seth Block, Lodhi Road New Delhi - 110 003 Delhi	82.30	36
207	Centre of Excellence on Translational Research on Bioinspired Nanomaterials & Drugs from Endophytes	DBT-R&D	Gambhir,S., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	98.85	60
208	Centre of Excellence on Translational Research on Bioinspired Nanomaterials & Drugs from Endophytes	DBT-R&D	Ahmad,A., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	98.85	60
209	Centre of Excellence on Translational Research on Bioinspired Nanomaterials & Drugs from Endophytes	DBT-R&D	Shanmugam,D., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	98.85	60
210	Centre of Excellence on Translational Research on Bioinspired Nanomaterials & Drugs from Endophytes	DBT-R&D	Kulkarni,M.J., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	98.85	60
211	Characterization & selection of superior genotypes of Emblica officinalis for establishment of seed orchard	DBT-R&D	Sharma,R., Dr. (M) Dr. Y.S. Parmar University of Horticulture & Forestry Nauni Solan - 173 230 Himachal Pradesh	34.46	36
212	Characterization & selection of superior genotypes of Emblica officinalis for establishment of seed orchard	DBT-R&D	Kumar,S., Dr. (M) Mizoram University Tlangnuam Aizawal - 796 004 Mizoram	34.46	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
213	Characterization of novel photoprotective MAAs & antimicrobial carotenoids from natural pigmented yeasts endemic to north eastern region	DBT-R&D	Sarma,H.K., Dr. (M) Gauhati University Kamrup Guwahati - 781 014 Assam	35.18	36
214	Characterization of novel photoprotective MAAs & antimicrobial carotenoids from natural pigmented yeasts endemic to north eastern region	DBT-R&D	Mishra,A.K., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	35.18	36
215	Chemical investigation & therapeutic evaluation for linking marker compound(s) with anti-diabetic potential of young shoots of <i>Wendlandia glabrata</i> D.C. & fruits of <i>Phoebe cooperiana</i> , used by indigenous ST people of Arunachal Pradesh	DBT-R&D	Talukdar,N.C., Dr. (M) Institute of Advanced Study in Science & Technology Vigyan Path, Paschim Boragaon, Garchuk Guwahati - 781 035 Assam	28.65	36
216	Chemical investigation & therapeutic evaluation for linking marker compound(s) with anti-diabetic potential of young shoots of <i>Wendlandia glabrata</i> D.C. & fruits of <i>Phoebe cooperiana</i> , used by indigenous ST people of Arunachal Pradesh	DBT-R&D	Borah,J.C., Dr. (M) CSIR-North East Institute of Science & Technology NH 37, Pulibor Jorhat - 785 006 Assam	28.65	36
217	Chemical investigation & therapeutic evaluation for linking marker compound(s) with anti-diabetic potential of young shoots of <i>Wendlandia glabrata</i> D.C. & fruits of <i>Phoebe cooperiana</i> , used by indigenous ST people of Arunachal Pradesh	DBT-R&D	Mahajan,D., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	28.65	36
218	Community based study of cryptosporidium species among patients with Diarrhea & in drinking & recreational water sources from two geographic regions in India & their molecular characterization	DBT-R&D	Rajkumari,N., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Gorimedu, Dhanvantri Nagar Puducherry - 605 006 Puducherry	29.79	36
219	Community based study of cryptosporidium species among patients with Diarrhea & in drinking & recreational water sources from two geographic regions in India & their molecular characterization	DBT-R&D	Devi,U., Dr. (F) ICMR-Regional Medical Research Centre N. E. Region, Post Box No. 105 Dibrugarh - 786 001 Assam	29.79	36
220	Comprehensive approach on NTM species identification, drug susceptibility testing methods & strengthening NE States laboratories	DBT-R&D	Phukan,C., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	102.40	36
221	Comprehensive approach on NTM species identification, drug susceptibility testing methods & strengthening NE States laboratories	DBT-R&D	Sarin,R., Dr. (M) National Institute of Tuberculosis & Respiratory Diseases Sri Aurobindo Marg New Delhi - 110 030 Delhi	102.40	36
222	Comprehensive approach on NTM species identification, drug susceptibility testing methods & strengthening NE States laboratories	DBT-R&D	Myneedu,V.P., Dr. (M) National Institute of Tuberculosis & Respiratory Diseases Sri Aurobindo Marg New Delhi - 110 030 Delhi	102.40	36
223	Comprehensive metabolic profiling & pharmacological studies of piper species: A natural bio-enhancer in pharmaceuticals	DBT-R&D	Gajurel,P.R., Dr. (M) North Eastern Regional Institute of Sciences & Technology Nirjuli Itanagar - 791 109 Arunachal Pradesh	36.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
224	Comprehensive metabolic profiling & pharmacological studies of piper species: A natural bio-enhancer in pharmaceuticals	DBT-R&D	Rao,C.V., Dr. (M) CSIR-National Botanical Research Institute P.O. Box. No. 436, Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	36.16	36
225	Conditional pathogenesis: Understanding why potentially beneficial rhizobacteria turn pathogenic under certain environmental conditions	DBT-R&D	Mohapatra,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	45.17	36
226	Continuous fermentative production of D(-) lactic acid using Whey as a feedstock in automated membrane integrated bioreactor	DBT-R&D	Lal,B., Dr. (M) The Energy & Resources Institute Darbari Seth Block, Lodhi Road New Delhi - 110 003 Delhi	37.02	36
227	Continuous fermentative production of D(-) lactic acid using Whey as a feedstock in automated membrane integrated bioreactor	DBT-R&D	Sivaprakasam,S., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	37.02	36
228	Controlling Diabetic Retinopathy (DR) through novel dopamine-melatonin combination nanotherapy	DBT-R&D	Karmakar,S., Dr. (M) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	53.73	36
229	Correlation of imaging traits with region-specific gene expression profiles in Glioblastoma multiforme	DBT-R&D	Garg,A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	52.05	36
230	cRGD decorated lipo-polymeric nanoplexes of CRISPR/ Cas9 Ribonucleoprotein (RNP) for the management of retinal dystrophic conditions	DBT-R&D	Chitkara,D., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	41.74	36
231	cRGD decorated lipo-polymeric nanoplexes of CRISPR/ Cas9 Ribonucleoprotein (RNP) for the management of retinal dystrophic conditions	DBT-R&D	Chakraborty,D., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	41.74	36
232	cRGD decorated lipo-polymeric nanoplexes of CRISPR/ Cas9 Ribonucleoprotein (RNP) for the management of retinal dystrophic conditions	DBT-R&D	Singh,V., Dr. (M) L.V. Prasad Eye Institute L.V. Marg, Banjara Hills Hyderabad - 500 034 Telangana	41.74	36
233	CRISPR/ Cas9 knockout of candidate suberin biosynthetic & regulatory genes in rice to assess their role in salinity	DBT-R&D	Venkataraman,G., Dr. (F) M.S. Swaminathan Research Foundation 3rd Cross Street, Institutional Area, Taramani Chennai - 600 113 Tamil Nadu	75.86	60
234	CRISPR/ Cas9 ribonucleoprotein - based genome editing to elucidate the mechanism of pathology of RNA modification enzyme	DBT-R&D	Arimbasseri,A.G., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	86.35	36
235	Cyanobacterial diversity & their bioresource potential in the north eastern region of India	DBT-R&D	Elumalai,S., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	53.06	36
236	Cyanobacterial diversity & their bioresource potential in the north eastern region of India	DBT-R&D	Baruah,R., Dr. (M) Assam Agricultural University Barbeta Jorhat - 785 013 Assam	53.06	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
237	Data driven modeling of pathogen - specific host responses mediated by nucleic acid sensing proteins	DBT-R&D	Ahmed,S., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	56.79	36
238	Deciphering interacting partners of PAMPs/ effectors of colletotrichum falcatum that trigger innate immunity in sugarcane	DBT-R&D	Sukumaran,R.K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Industrial Estate P.O. Thiruvananthapuram - 695 019 Kerala	37.52	36
239	Deciphering interacting partners of PAMPs/effectors of colletotrichum falcatum that trigger innate immunity in sugarcane	DBT-R&D	Alamraj,R.S., Dr. (M) ICAR-Sugarcane Breeding Institute Veerakeralam Coimbatore - 641 007 Tamil Nadu	37.52	36
240	Deciphering role of autophagy in stemness & therapy resistance in oral cancer stem cells	DBT-R&D	Bhulia,S.K., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	44.77	36
241	Deciphering the role of microbes in agarwood deposition & functional characterization of important key enzymes	DBT-R&D	Kulkarni,R.S., Dr. (M) Symbiosis School of Biological Sciences Taluka-Mulshi Pune - 412 115 Maharashtra	36.95	36
242	Deciphering the role of microbes in agarwood deposition & functional characterization of important key enzymes	DBT-R&D	Banu,S.B., Dr. (F) Gauhati University Kamrup Guwahati - 781 014 Assam	36.95	36
243	Defining the regulatory nature of the distal 462 bp region in the AmPMP3 promoter from the salt tolerant mangrove Avicennia marina for biotechnological applications	DBT-R&D	Venkataraman,G., Dr. (F) M.S. Swaminathan Research Foundation 3rd Cross, Institutional Area, Taramani Chennai - 600 113 Tamil Nadu	51.92	36
244	Delineating the small RNA networks associated with host resistance and pathogenesis of basal rot fungus 'Fusarium oxysporum f. sp. cepae' in allium cepa L.	DBT-R&D	Joshi,R.K., Dr. (M) Rama Devi Women's University District Khurd Bhubaneswar - 751 022 Odisha	42.73	36
245	Demonstration & popularization of bio-farming inputs to improve economic conditions of tribal families under Himalayan ecosystem of Jammu & Kashmir	DBT-R&D	Sheikh,T.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Salimar, Badgam Srinagar - 190 025 Jammu & Kashmir	18.98	36
246	Demonstration of cultivation, processing & value addition of selected aromatic crops in Bundelkhand region	DBT-R&D	Kalra,A., Dr. (M) Council of Scientific & Industrial Research Anusandhan Bhawan, 2, Rafi Marg New Delhi - 110 001 Delhi	130.58	36
247	Demonstration of cultivation, processing & value addition of selected aromatic crops in Bundelkhand region	DBT-R&D	Singh,R., Dr. (M) Bundelkhand University Jhansi - 284 128 Uttar Pradesh	130.58	36
248	Demonstration of cultivation, processing & value addition of selected aromatic crops in Bundelkhand region	DBT-R&D	Srivastava,R.K., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	130.58	36
249	Demonstration of cultivation, processing & value addition of selected aromatic crops in Bundelkhand region	DBT-R&D	Jeet,S., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	130.58	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
250	Demonstration of cultivation, processing & value addition of selected aromatic crops in Bundelkhand region	DBT-R&D	Shukla,S.V., Mr. (M) Fragrance & Flavour Development Centre G.T. Road, Makrand Nagar Kannauj - 209 726 Uttar Pradesh	130.58	36
251	Deployment of CRISPR/ Cas9 mediated genome editing in plants	DBT-R&D	Padubidri,S., Dr. (M) National Centre for Biological Sciences Tata Institute of Fundamental Research, Bellary Road Bengaluru - 560 065 Karnataka	59.84	36
252	Design & synthesis of hybrid molecules for multi-drug-resistant Tuberculosis	DBT-R&D	Dasgupta,A., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	25.40	36
253	Design & synthesis of hybrid molecules for multi-drug-resistant Tuberculosis	DBT-R&D	Das,S.K., Dr. (M) Tezpur University Napam Tezpur - 784 028 Assam	25.40	36
254	Design & validation of point of care disposable sensor strip for diagnosis of Tuberculosis from urine samples	DBT-R&D	Babu,T.G.S., Dr. (M) Amrita Vishwa Vidyapeetham Amritapuri, P.O. Clappana Kollam - 690 525 Kerala	25.17	36
255	Design & validation of point of care disposable sensor strip for diagnosis of Tuberculosis from urine samples	DBT-R&D	Singh,U.B., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	25.17	36
256	Design, optimization & intensification of a Bioprocess for converting north east natural Gas into Liquid fuels (Bio-GTL)	DBT-R&D	Moholkar,V.S., Prof. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	29.25	36
257	Design, optimization & intensification of a Bioprocess for converting north east natural Gas into Liquid fuels (Bio-GTL)	DBT-R&D	Maitra,S.S., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	29.25	36
258	Designing a comprehensive diagnostic NGS panel for inherited bleeding disorders to aid carrier screening & prenatal diagnosis	DBT-R&D	Das,R., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	49.95	36
259	Detection of genetic mutations profile of primary ciliary Dyskinesia & correlation of mutation with clinical phenotype in Indian children	DBT-R&D	Jat,K.R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	30.86	36
260	Determination & structural elucidation of bioactive compounds from the selected traditional medicinal plants of Mizoram with a focus on anticancer compounds	DBT-R&D	Singh,B.P., Dr. (M) Mizoram University Tlanguam Aizawal - 796 004 Mizoram	37.51	36
261	Determination & structural elucidation of bioactive compounds from the selected traditional medicinal plants of Mizoram with a focus on anticancer compounds	DBT-R&D	Kumar,B., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	37.51	36
262	Determination the role of (Cysteine-rich secretory proteins, Antigen 5, & pathogenesis-related 1 Proteins) (CAP) during Arachis-Bradyrhizobium symbiosis	DBT-R&D	Sinharoy,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	59.59	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
263	Developing an in vitro neural cell-culture model to understand the mechanism of neuronal cell death in Systemic Lupus Erythematosus (SLE)	DBT-R&D	Sarma,J.D., Prof. (F) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	39.82	36
264	Developing an optimized toolkit for inducible genome editing & regulation of gene expression in tomato plant: Implication in ..	DBT-R&D	Kundu,P., Dr. (M) Bose Institute P1/12 CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	78.07	36
265	Development & application of high resolution genome conformation capture technology to investigate genome architecture in space & time	DBT-R&D	Kurukuti,S., Dr. (M) Hyderabad University Prof C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	45.50	24
266	Development & application of high resolution genome conformation capture technology to investigate genome architecture in space & time	DBT-R&D	Yellaboina,S., Dr. (M) Yenepoya University Deralakatte Mangalore - 575 018 Karnataka	45.50	24
267	Development & establishment of genetic markers for 'Jivanti' - An Ayurvedic medicinal material	DBT-R&D	Jalalpure,S.S., Dr. (M) K.L.E. College of Pharmacy P.B. No. 1062, II Block, Rajajinagar Bengaluru - 560 010 Karnataka	40.06	36
268	Development & evaluation of lipid based nanoparticles of Quinapyramine & Isometamidium salt for treatment of Trypanosomiasis in camels	DBT-R&D	Kumar,S., Dr. (M) ICAR-National Research Centre on Camel Jodhpur Bypass Bikaner - 334 022 Rajasthan	22.36	36
269	Development & evaluation of lipid based nanoparticles of Quinapyramine & Isometamidium salt for treatment of Trypanosomiasis in camels	DBT-R&D	Jindal,A., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Campus Pilani - 333 031 Rajasthan	22.36	36
270	Development & evaluation of peptide conjugated antitumor drugs on combination with nucleobases deaminases for controlled & targeted drug delivery	DBT-R&D	Anand,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	34.71	36
271	Development & evaluation of peptide conjugated antitumor drugs on combination with nucleobases deaminases for controlled & targeted drug delivery	DBT-R&D	Kundu,L.M., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	34.71	36
272	Development & optimization of functionalized nanomedicine using quality by design for controlled delivery of therapeutics for Ophthalmic applications	DBT-R&D	Paliwal,R., Dr. (M) Indira Gandhi National Tribal University Amarkantak - 484 886 Madhya Pradesh	56.30	36
273	Development & validation of multi-scale dynmaic & steady state metabolic network models for PCOS using computational & wet-lab methods	DBT-R&D	Thomas,S., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	24.05	36
274	Development & validation of multi-scale dynmaic & steady state metabolic network models for PCOS using computational & wet-lab methods	DBT-R&D	Venkatesh,K.V., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	24.05	36
275	Development of a haploid inducer stock through CRISPR/ Cas9 ribonucleoprotein complex mediated knockout of ZmPLA1 gene & its orthologue in maize	DBT-R&D	Sharma,P., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	31.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
276	Development of a haploid inducer stock through CRISPR/ Cas9 ribonucleoprotein complex mediated knockout of ZmPLA1 gene & its orthologue in maize	DBT-R&D	Bhatia,D., Dr. (M) Punjab Agricultural University Ludhiana - 141 004 Punjab	31.90	36
277	Development of a stable & inducible CRISPR-Cas9 system for high-throughput site-specific genome editing in plasmodium falciparum	DBT-R&D	Bhattacharyya,M.K., Prof. (M) Hyderabad University Prof C.R. Road, Gachibowli Hyderabad - 500 046 Telangana	57.36	36
278	Development of a stable & inducible CRISPR-Cas9 system for high-throughput site-specific genome editing in plasmodium falciparum	DBT-R&D	Kamodiya,K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No.8, NCL Colony, Pashan Pune - 411 008 Maharashtra	57.36	36
279	Development of a stable & inducible CRISPR-Cas9 system for high-throughput site-specific genome editing in plasmodium falciparum	DBT-R&D	Seshadri,V., Prof. (M) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	57.36	36
280	Development of a wound healing material from the biopolymers produced by two novel bacterial strains isolated from west coast of India	DBT-R&D	Rekha,P.D., Dr. (F) Yenepoya University University Road, Deralakatte Mangalore - 575 022 Karnataka	39.62	36
281	Development of advanced third generation matrix associated chondrocytes for cartilage repair	DBT-R&D	Ghosh,D., Prof. (F) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	122.98	36
282	Development of an integrated multiomics analysis platform & its application to elucidate the differential process of silk colouration in Muga silkworm antheria assamensis heifer	DBT-R&D	Talukdar,N.C., Dr. (M) Institute of Advanced Study in Science & Technology Vigyan Path, Paschim Boragaon, Garchuk Guwahati - 781 035 Assam	26.37	36
283	Development of an integrated multi-omics analysis platform & its application to elucidate the differential process of silk colouration in Muga silkworm antheria assamensis heifer	DBT-R&D	Chakraborty,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	26.37	36
284	Development of an integrated multi-omics analysis platform & its application to elucidate the differential process of silk colouration in Muga silkworm antheria assamensis heifer	DBT-R&D	Lynn,A., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	26.37	36
285	Development of an integrated multi-omics analysis platform & its application to elucidate the differential process of silk colouration in Muga silkworm antheria assamensis heifer	DBT-R&D	Nandi,S., Dr. (M) Institute of Advanced Study in Science & Technology Vigyan Path, Paschim Boragaon, Garchuk Guwahati - 781 035 Assam	26.37	36
286	Development of antimicrobial peptide drug designs: An alternative therapeutic model for salmonella	DBT-R&D	Joshi,V.G., Dr. (M) Lala Lajpat Rai University of Veterinary & Animal Sciences Hisar - 125 001 Haryana	20.59	18
287	Development of biodegradable polymer based controlled release fertilizers & pesticides for sustainable agro-economy 'BioPolyCRF'	DBT-R&D	Katiyar,V., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	43.05	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
288	Development of biodegradable polymer based controlled release fertilizers & pesticides for sustainable agro-economy 'BioPolyCRF'	DBT-R&D	Verma,V., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	43.05	36
289	Development of Citrus Tristeza Virus (CTV) resistant elite mandarin genotypes through RNAi approach to revive citrus industry in northeast India	DBT-R&D	Biswas,K.K., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	41.48	36
290	Development of Citrus Tristeza Virus (CTV) resistant elite mandarin genotypes through RNAi approach to revive citrus industry in northeast India	DBT-R&D	Nath,P.D., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	41.48	36
291	Development of commercially viable organic fertilizer cum biofungicide from marine algae	DBT-R&D	Jayasri,M.A., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	13.26	36
292	Development of commercially viable organic fertilizer cum biofungicide from marine algae	DBT-R&D	Amalraj,L.D., Dr. (M) Varsha Bioscience & Technology India Private Limited Vinay Nagar Colony, Saidabad Hyderabad - 500 059 Telangana	13.26	36
293	Development of delivery system for miR-325-3p for immunotherapy of Cancer	DBT-R&D	Gaurisankar,S., Prof. (M) Bose Institute P1/12 CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	79.30	36
294	Development of diatom culture collection, segregation for nutraceuticals & application in aquaculture	DBT-R&D	Tiwari,A., Dr. (F) Amity University Gautam Buddha Nagar Noida - 201 313 Uttar Pradesh	70.57	36
295	Development of DIVA diagnostics & marker vaccine against Duck Plague Virus	DBT-R&D	Das,S., Dr. (F) College of Veterinary Science Assam Agricultural University, Khanapara Guwahati - 781 022 Assam	30.97	36
296	Development of DIVA diagnostics & marker vaccine against Duck Plague Virus	DBT-R&D	Manoharan,S., Prof. (M) Tamil Nadu Veterinary & Animal Sciences University Madras Veterinary College Chennai - 600 051 Tamil Nadu	30.97	36
297	Development of early pregnancy diagnostic assay through discovery of biomarkers in cattle & buffalo	DBT-R&D	Singh,S.K., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	71.18	36
298	Development of early pregnancy diagnostic assay through discovery of biomarkers in cattle & buffalo	DBT-R&D	Mohanty,A.K., Dr. (M) ICAR-National Dairy Research Institute Jewels Hotel, G.T. Road Karnal - 132 001 Haryana	71.18	36
299	Development of early pregnancy diagnostic assay through discovery of biomarkers in cattle & buffalo	DBT-R&D	Balhara,A.K., Dr. (M) ICAR-Central Institute of Research on Buffaloes Sirsa - 125 001 Haryana	71.18	36
300	Development of early pregnancy diagnostic assay through discovery of biomarkers in cattle & buffalo	DBT-R&D	Dang,A.K., Dr. (M) ICAR-National Dairy Research Institute G.T. Road Karnal - 132 001 Haryana	71.18	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
301	Development of high throughput genome editing pipeline based on an orthologous CRISPR/ Cas9 system (FnCas9) & its application in the generation of 3D organoids for disease modeling & correction	DBT-R&D	Mohanty,S., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	30.75	36
302	Development of high throughput genome editing pipeline based on an orthologous CRISPR/ Cas9 system (FnCas9) & its application in the generation of 3D organoids for disease modeling & correction	DBT-R&D	Pillai,B.R., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	30.75	36
303	Development of high throughput genome editing pipeline based on an orthologous CRISPR/ Cas9 system (FnCas9) & its application in the generation of 3D organoids for disease modeling & correction	DBT-R&D	Chakraborty,D., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	30.75	36
304	Development of high throughput genome editing pipeline based on an orthologous CRISPR/ Cas9 system (FnCas9) & its application in the generation of 3D organoids for disease modeling & correction	DBT-R&D	Kabra,M., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	30.75	36
305	Development of injectable nanofibrous implant for oestrus synchronization in cattle	DBT-R&D	Goyal,A.K., Dr. (M) National Institute of Animal Biotechnology Gachibowli Hyderabad - 500 032 Telangana	43.91	36
306	Development of injectable nanofibrous implant for oestrus synchronization in cattle	DBT-R&D	Suman,P., Dr. (M) National Institute of Animal Biotechnology Gachibowli Hyderabad - 500 032 Telangana	43.91	36
307	Development of locally adapted haploid inducer lines in maize through marker-assisted introgression of pollen-specific Matrilineal Phospholipase gene	DBT-R&D	Konsam,S., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road, Barapani Umiam - 793 103 Meghalaya	32.67	36
308	Development of locally adapted haploid inducer lines in maize through marker-assisted introgression of pollen-specific Matrilineal Phospholipase gene	DBT-R&D	Hossain,F., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	32.67	36
309	Development of low-cost diagnostics platform for the identification of viral DNA using CRISPR/ Cas13a system	DBT-R&D	Shalimar, Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.92	36
310	Development of low-cost diagnostics platform for the identification of viral DNA using CRISPR/ Cas13a system	DBT-R&D	Venugopal,S.K., Dr. (M) South Asian University Chankyapuri New Delhi - 110 021 Delhi	41.92	36
311	Development of nanoscale complex hydrogel system as vitreous substitute	DBT-R&D	Mishra,N.C., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	22.52	36
312	Development of nanoscale complex hydrogel system as vitreous substitute	DBT-R&D	Velpandian,T., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	22.52	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
313	Development of novel & efficient carbohydrate enzymes for bioenergy & biovalued products	DBT-R&D	Kaur,P., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	40.00	36
314	Development of novel & efficient carbohydrate enzymes for bioenergy & biovalued products	DBT-R&D	Bhaumik,P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	40.00	36
315	Development of novel & efficient carbohydrate enzymes for bioenergy & biovalued products	DBT-R&D	Goyal,A., Prof. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	40.00	36
316	Development of novel leads for anti-obesity from north east traditional system through chemistry biology interphase	DBT-R&D	Baishya,G., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	33.83	36
317	Development of novel leads for anti-obesity from north east traditional system through chemistry biology interphase	DBT-R&D	Raghu,G.K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	33.83	36
318	Development of novel liquid-retentive & reconstitutable solid-dry powder topical formulations containing oil-in-water nanosized cationic emulsions loaded with or without cyclosporine A to manage the moderate to severe dry eye syndrome	DBT-R&D	Shunmugaperumal,T., Dr. (M) National Institute of Pharmaceutical Education & Research NGI, Mirza, Santipur, Parlli Part Guwahati - 781 125 Assam	34.38	36
319	Development of nursery based system for pacific white shrimp, litopenaeus vannamei, using ground inland saline water, & assessment of physiological & immunological parameters in single phase & two phase farming system	DBT-R&D	Vungurala,H., Mr. (M) ICAR-Central Institute of Fisheries Technology Kochi - 682 029 Kerala	59.88	36
320	Development of polyherbal based functional biopolymer hydrogel for delivery of novel healing agents in excision & burn wound	DBT-R&D	Karmakar,P., Prof. (M) Jadavpur University Kolkata - 700 032 West Bengal	37.71	36
321	Development of polyherbal based functional biopolymer hydrogel for delivery of novel healing agents in excision & burn wound	DBT-R&D	Sil,S.K., Prof. (M) Tripura University Agartala - 799 022 Tripura	37.71	36
322	Development of safe & long-acting human arginase for cancer therapy	DBT-R&D	Pande,A.H., Dr. (M) National Institute of Pharmaceutical Education & Research Sahibzada Ajit Singh Nagar, Sector 67 Mohali - 160 062 Punjab	50.00	36
323	Development of synthetic & G-quadruplex based On/OFF riboswitches using CRISPR-Cas9 genome editing tool for studying ..	DBT-R&D	Mohan,U., Dr. (M) National Institute of Pharmaceutical Education & Research 40, Dilip Road, Jinkalwada, Balanagar Hyderabad - 500 037 Telangana	53.55	36
324	Development of transgenic chicken for production of human interferon alpha 2b: A therapeutic for treatment of viral diseases in human	DBT-R&D	Bhattacharya,T.K., Prof. (M) ICAR-Project Directorate on Poultry 12, Block, Rajendra Nagar Hyderabad - 500 030 Telangana	96.92	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
325	Development, characterization & validation of anti-hypertensive activity of nanoformulations based on unique herbal traditional knowledge & grassroots innovations	DBT-R&D	Singh,A., Dr. (F) Dabur Research Foundation Sahibabad Ghaziabad - 201 010 Uttar Pradesh	39.93	36
326	Development, characterization & validation of anti-hypertensive activity of nanoformulations based on unique herbal traditional knowledge & grassroots innovations	DBT-R&D	Singh,P.K., Dr. (M) National Innovation Foundation -India Satellite Complex, Jodhpur Tekra, Near Mansi Crossroad Ahmedabad - 380 015 Gujarat	39.93	36
327	Diagnostic markers for Ocular Tuberculosis	DBT-R&D	Devarajan,D., Dr. (M) Aravind Medical Research Foundation Aravind Eye Hopsital, Kuruvikaran Sali, Anna Nagar Madurai - 625 020 Tamil Nadu	25.03	36
328	Diet-associated metabolomic profiles of Diabetic nephropathy in South Asian Indians	DBT-R&D	Mukhopadhyay,A., Dr. (F) St. John's Research Institute St. John's National Academy of Health Sciences Bengaluru - 560 034 Karnataka	57.97	36
329	Dissecting novel niches of intratumoral heterogeneity by engineering the sialogenome	DBT-R&D	Bhat,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	67.79	36
330	Dissemination and demonstration of fish culture technology among women self help groups in NCR region of Delhi as a self employment activity	DBT-R&D	Chakrabarti,R., Dr. (F) Delhi University Delhi - 110 007 Delhi	57.57	36
331	Diversity & bioactivity of fungal endophytes from medicinal plants of eastern Himalayan region, Sikkim-India	DBT-R&D	Wangdi,L.P., Dr. (M) Nar Bahadur Bhandari Degree College NH - 10 Gangtok - 737 102 Sikkim	24.12	36
332	Diversity & bioactivity of fungal endophytes from medicinal plants of eastern Himalayan region, Sikkim-India	DBT-R&D	Sharma,R., Dr. (M) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	24.12	36
333	Diversity & molecular characterization of microsymbiont-legume association in Meghalaya & Nagaland for developing consortia of microsymbionts with wide host range	DBT-R&D	Rao,S.R., Prof. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	35.09	36
334	Diversity & molecular characterization of microsymbiont-legume association in Meghalaya & Nagaland for developing consortia of microsymbionts with wide host range	DBT-R&D	Gehlot,H.S., Prof. (M) Jai Narain Vyas University New Campus Bhagat Ki Kothi Pali Road Jodhpur - 342 001 Rajasthan	35.09	36
335	Diversity & molecular characterization of microsymbiont-legume association in Meghalaya & Nagaland for developing consortia of microsymbionts with wide host range	DBT-R&D	Deb,C.R., Prof. (M) Nagaland University Kohima - 797 004 Nagaland	35.09	36
336	Diversity assessment, in vitro propagation & DNA barcoding of ferns & fern-allies of Assam	DBT-R&D	Talukdar,A.D., Dr. (M) Central University of Assam Silchar - 788 011 Assam	48.65	36
337	Diversity assessment, in vitro propagation & DNA barcoding of ferns & fern-allies of Assam	DBT-R&D	Chetia,P., Prof. (M) Dibrugarh University Dibrugarh - 786 004 Assam	48.65	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
338	Diversity, population status & extraction intensity of Rhododendron spp. & genetic diversity of Rhododendron arboreum in eastern Himalayas & western ghats	DBT-R&D	Ravikanth,G., Dr. (M) Ashoka Trust for Research in Ecology & the Environment Royal Enclave, Srirampur, Jakkur Bengaluru - 560 064 Karnataka	51.60	36
339	Diversity, population status & extraction intensity of Rhododendron spp. & genetic diversity of Rhododendron arboreum in eastern Himalayas & western ghats	DBT-R&D	Paul,A., Dr. (M) North Eastern Regional Institute of Sciences & Technology Itanagar Nirjoui - 791 109 Arunachal Pradesh	51.60	36
340	Does variation occur in the dinB gene during stress adaptation?	DBT-R&D	Nair,D.T., Dr. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	58.86	36
341	Drug discovery approaches for the effective control of Tuberculosis - target based virtual screening & whole cell screening of medicinal plants	DBT-R&D	Talukdar,A.D., Dr. (M) Assam University Silchar - 788 011 Assam	39.63	36
342	Drug discovery approaches for the effective control of Tuberculosis - target based virtual screening & whole cell screening of medicinal plants	DBT-R&D	Khare,G., Dr. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	39.63	36
343	Drug discovery approaches for the effective control of Tuberculosis - target based virtual screening & whole cell screening of medicinal plants	DBT-R&D	Chetia,P., Dr. (M) Dibrugarh University Dibrugarh - 786 004 Assam	39.63	36
344	Drug eluting nanowafers as a treatment modality for ocular inflammation	DBT-R&D	Lewis,S.A., Dr. (F) Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal - 576 104 Karnataka	20.02	36
345	Early detection & comprehensive monitoring of head & neck cancer using liquid biopsy approach: A study from northeast India	DBT-R&D	Mondal,R., Dr. (F) Institute of Advanced Study in Science & Technology Paschim Boragaon, Garchuk Guwahati - 781 035 Assam	29.23	36
346	Early detection & comprehensive monitoring of head & neck cancer using liquid biopsy approach: A study from northeast India	DBT-R&D	Sarma,M.K., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	29.23	36
347	Earthworm gut microbes mediated Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) remediation in contaminated soil	DBT-R&D	Balachandran,S., Dr. (M) Visva Bharati University Birbhum Santiniketan - 731 236 West Bengal	28.20	36
348	Earthworm gut microbes mediated Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) remediation in contaminated soil	DBT-R&D	Hoque,R.R., Prof. (M) Tezpur University Napam Tangla - 784 028 Assam	28.20	36
349	Editing MPK3, a mitogen activated protein kinase gene using CRISPR/ Cas9 tool in rice to study its role in cell cycle & grain yield	DBT-R&D	Sinha,A.K., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	73.81	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
350	Effect of gut microbiota on the immune modulation of mononuclear cells & their correlation with renal function & graft biopsy findings in renal transplant recipients	DBT-R&D	Ganesh,R.N., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Gorimedu, Dhanvantari Nagar Puducherry - 605 006 Puducherry	42.07	36
351	Effect of hypoxia on different neural cell types in vitro - A model to design therapeutic strategies against Cerebral Palsy in preterm infants	DBT-R&D	Sen,P., Prof. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	47.17	60
352	Effect of hypoxia on different neural cell types in vitro - A model to design therapeutic strategies against Cerebral Palsy in preterm infants	DBT-R&D	Sen,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	47.17	60
353	Efficient utilization of sugarcane top for production of cellulosic ethanol & other value added products	DBT-R&D	Goyal,A., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	23.61	36
354	Efficient utilization of sugarcane top for production of cellulosic ethanol & other value added products	DBT-R&D	Bhardwaj,N.K., Dr. (F) Avantha Centre for Industrial Research & Development Paper Mill Campus Yamuna Nagar - 135 001 Haryana	23.61	36
355	Electrosprayed nano structures for the sustained release of anti-glaucoma drugs	DBT-R&D	Kumar,T.S.S., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	55.25	36
356	Elucidating region specific alterations of glutamatergic excitatory neurotransmission in a rodent pilocarpine model of temporal lobe Epilepsy	DBT-R&D	Banerjee,J., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	61.41	36
357	Elucidating the role of Cas6, Cas7 & Cas8 in spirochetes CRISPR adaptive immunity against alien genetic elements	DBT-R&D	Kumar,M., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	34.38	36
358	Elucidating the role of Cas6, Cas7 & Cas8 in spirochetes CRISPR adaptive immunity against alien genetic elements	DBT-R&D	Choudhary,R.K., Dr. (M) Guru Angad Dev Veterinary & Animal Science University 20, Ludhiana Road, Aggar Nagar, A Block Ludhiana - 141 004 Punjab	34.38	36
359	Empowerment of women through application of multifaceted bio-technological innovations in millets for sustainable income generation & nutritional security	DBT-R&D	Chillarge,S., Dr. (M) ICAR-Indian Institute of Millets Research Himayat Sagar Road, Rajendra Nagar Hyderabad - 500 030 Telangana	39.88	36
360	Engineering nanostructured surfaces for developing SERS sensing platform	DBT-R&D	Karuvath,Y., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	71.54	36
361	Engineering resistance against Cucumber Mosaic virus in King chilli/chilli through RNA silencing technology	DBT-R&D	Borah,M., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	29.06	36
362	Engineering resistance against Cucumber Mosaic virus in King Chilli/Chilli through RNA silencing technology	DBT-R&D	Karthikeyan,G., Dr. (M) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	29.06	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
363	Enhancement of livelihood security based on locally available resources for disabled women	DBT-R&D	Geetha,P.S., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	43.04	36
364	Enhancing BLB immunity in rice through multiplex gene editing	DBT-R&D	Antony,G., Dr. (F) Central University of Kerala Kasaragod - 671 123 Kerala	60.44	36
365	Enhancing the productivity of phycobiliproteins (C-PCs) & cyanocobalamin (Vitamin B12) in selected cyanobacteria for valorization & development of functional foods	DBT-R&D	Tiwari,O.N., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	42.71	36
366	Enhancing the productivity of phycobiliproteins (C-PCs) & cyanocobalamin (Vitamin B12) in selected cyanobacteria for valorization & development of functional foods	DBT-R&D	Bandyopadhyay,T.K., Dr. (M) National Institute of Technology (Agartala) Agartala - 799 046 Tripura	42.71	36
367	Entrepreneurial skill development in rural women through imparting scientific knowledge in poultry & livestock sector	DBT-R&D	Kallam,N.K., Dr. (F) Sri Venkateswara Veterinary University Sri Padmavati Mahila Visvavidyalayam Tirupati - 517 502 Andhra Pradesh	31.43	36
368	Establishing a National Facility for Methanol & DME generation by Thermo Chemical Conversion of Biomass (Phase-I)	DBT-R&D	Srinivasaiah,D., Prof. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	43.50	6
369	Establishing Germplasm Resource Center for Marine Ornamental Invertebrates: Harmonising biodiversity conservation & promoting livelihood to the islanders of the Lakshadweep	DBT-R&D	Lal,K.K., Dr. (M) ICAR-National Bureau of Fish Genetic Resources P.O. Dilkusha Lucknow - 226 002 Uttar Pradesh	57.85	36
370	Establishing Germplasm Resource Center for Marine Ornamental Invertebrates: Harmonising biodiversity conservation & promoting livelihood to the islanders of the Lakshadweep	DBT-R&D	Kumar,T.T.A., Dr. (M) ICAR-National Bureau of Fish Genetic Resources P.O. Dilkusha Lucknow - 226 002 Uttar Pradesh	57.85	36
371	Establishing the structural & functional role of Nup155 & Nup35 in Nup93 subcomplex of the nuclear pore complex	DBT-R&D	Chauhan,R.D., Dr. (F) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	75.61	36
372	Establishment of Biotech-Kisan hub at Ghaziabad for upper Gangetic Plains Agro Climatic zone	DBT-R&D	Singh,J., Mr. (M) Foundation for Agricultural Resources Management & Environmental Remediation 74-B, Garhi, Sant Nagar, East of Kailash New Delhi - 110 065 Delhi	114.50	60
373	Establishment of Biotech-Kisan hub for popularization of Lathyrus in Tal area of Bihar	DBT-R&D	Panda,C.K., Dr. (M) Bihar Agricultural University Sabour Bhagalpur - 813 210 Bihar	88.39	24
374	Establishment of efficient culture & transplantation system for male goat germ-cells	DBT-R&D	Singh,S.P., Dr. (M) ICAR-Central Institute for Research on Goats Makhdoom, Farah Mathura - 281 122 Uttar Pradesh	73.49	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
375	Establishment of goat mammary epithslial/system cell lines for the production of pharmaceutical interest proteins	DBT-R&D	Sharma,N., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Road Jammu - 181 101 Jammu & Kashmir	47.48	36
376	Establishment of goat mammary epithslial/system cell lines for the production of pharmaceutical interest proteins	DBT-R&D	Ganguli,N., Dr. (F) National Institute of Animal Biotechnology Q City Road, Gachibowli Hyderabad - 500 032 Telangana	47.48	36
377	Establishment of small scale production units of Trichoderma in different districts of Kashmir valley for the management of root rot of apple	DBT-R&D	Mohiddin,F.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar. Badgam Srinagar - 190 025 Jammu & Kashmir	25.81	36
378	Evaluating the potential & understanding the mechanisms of herbicides & plant growth regulators in the induction of ..	DBT-R&D	Nandi,D., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	64.99	36
379	Evaluation of anti-diarrhoeal properties of herbs & its therapeutic potential on pig performance	DBT-R&D	Deka,D., Dr. (M) Government Ayurvedic College & Hospital Kamrup Guwahati - 781 014 Assam	37.93	36
380	Evaluation of anti-diarrhoeal properties of herbs & its therapeutic potential on pig performance	DBT-R&D	Sharma,K., Dr. (M) Central Agricultural University Imphal - 795 004 Manipur	37.93	36
381	Evaluation of neuroprotective potential of selected phytoconstituents on experimental Diabetic neuropathy: Focus on mitochondrial function & mitochondrial biogenesis	DBT-R&D	Barua,C.C., Prof. (F) Assam Agricultural University Barbhetta Jorhat - 785 013 Assam	33.69	36
382	Evaluation of neuroprotective potential of selected phytoconstituents on experimental Diabetic neuropathy: Focus on mitochondrial function and mitochondrial biogenesis	DBT-R&D	Kumar,A., Dr. (M) National Institute of Pharmaceutical Education & Research 40, Dilip Road, Jinkalwada, Balanagar Hyderabad - 500 037 Telangana	33.69	36
383	Evolutionary significance of a miRNA & its role in shaping leaf morphology & bio-mass enhancement of arabidopsis Thaliana of West Himalaya	DBT-R&D	Roy,S., Dr. (M) Sami Labs Limited Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	36.05	36
384	Exploration of endophytic microorganisms from selected indigenous rice landraces of north-east India & their applications for improvement of growth & yield of traditional rice varieties	DBT-R&D	Maiti,M.K., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	50.68	36
385	Exploration of endophytic microorganisms from selected indigenous rice landraces of north-east India & their applications for improvement of growth & yield of traditional rice varieties	DBT-R&D	Tayung,K., Prof. (M) Gauhati University Kamrup Guwahati - 781 014 Assam	50.68	36
386	Exploring association between chronic Periodontitis & Bronchiectasis - a transcriptomic study	DBT-R&D	Verma,U.P., Dr. (M) King George's Medical University Lucknow - 226 003 Uttar Pradesh	34.93	36
387	Exploring CRISPR-Cas9 technology to reprogram cellular metabolic pathways in disease models	DBT-R&D	Kumar,R.S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	78.92	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
388	Exploring rhizospheric microbiome (PGPR & AM Fungi) for regulating the expression of Zinc Transporter genes (ZRT) in rice to augment the zinc nutrition	DBT-R&D	Nath,D.J., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	27.31	36
389	Exploring rhizospheric microbiome (PGPR & AM Fungi) for regulating the expression of Zinc Transporter genes (ZRT) in rice to augment the zinc nutrition	DBT-R&D	Muthukrishnan,G., Dr. (F) Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	27.31	36
390	Exploring the potential of spanlastics laden bandage contact lenses: A non-invasive ocular drug delivery system for the treatment of HIV/AIDS related superficial & retinal opportunistic infectious ophthalmic complications	DBT-R&D	Joshi,A., Dr. (F) B.V. Patel Pharmaceutical Education & Research Development Centre Opp. Zyduz Highway, Sarkhej-Gandinagar Highway, Thaltej Ahmedabad - 380 054 Gujarat	32.87	36
391	Extraction of bioactive compounds & development of pesticide formulations from aromatic plants available in north eastern region	DBT-R&D	Singh,O.M., Prof. (M) Manipur University Indo Myanmar Road, Canchipur Imphal - 795 003 Manipur	29.57	36
392	Extraction of bioactive compounds & development of pesticide formulations from aromatic plants available in north eastern region	DBT-R&D	Thakur,L.K., Dr. (M) Institute of Pesticide Formulation Technology Sector 20, Udyog Vihar Gurgaon - 122 016 Haryana	29.57	36
393	Feasibility of producing cattle gonadotropins in milk of rabbit by invivo gene transfection	DBT-R&D	Ganguli,N., Dr. (F) National Institute of Animal Biotechnology Near Gowlidoddy Hyderabad - 500 032 Telangana	75.17	36
394	Fibrinolytic system & miR 200a in EMT & pulmonary fibrosis	DBT-R&D	Bhandary,Y., Dr. (M) Yenepoya University Yenepoya Medical College Mangalore - 575 018 Karnataka	34.00	36
395	Flow cytometry & imaging facility at the Institute of Life Sciences	DBT-R&D	Chauhan,S., Dr. (M) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekhpur Bhubaneswar - 751 023 Odisha	483.71	36
396	Flow cytometry & imaging facility at the Institute of Life Sciences	DBT-R&D	Devadas,S., Dr. (M) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekhpur Bhubaneswar - 751 023 Odisha	483.71	36
397	Functional dynamics study in RNA thermometer.	DBT-R&D	Barnwal,R.P., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	59.68	36
398	Functional genomic approach to identify small molecule modulator of miR-15 & miR-16 family & possible implications in the prognosis & therapeutic intervention of Chronic Lymphoid Leukemia	DBT-R&D	Ramaiah,M.J., Dr. (F) SASTRA University Trichy-Tanjore Road, Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	19.88	36
399	Fungal diversity of fambong LHO wildlife sanctuary, Sikkim	DBT-R&D	Bhutia,L.P., Dr. (M) Nar Bahadur Bhandari Degree College NH-10, East Disrict Gangtok - 737 102 Sikkim	19.49	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
400	Fungal diversity of fambong LHO wildlife sanctuary, Sikkim	DBT-R&D	Sharma,R., Dr. (M) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	19.49	36
401	Gene editing & cellular reprogramming for treating macular corneal dystrophy	DBT-R&D	Chakrabarty,K., Dr. (M) Narayana Nethralaya Foundation Rajaji Nagar, ISCON Temple, #121/C Chanal Road, 1st R Block Bengaluru - 560 010 Karnataka	77.69	36
402	Gene expression profiling of Taro (Colocasia esculenta L. Schott) & role of transcriptional activators of epicuticular wax in host resistance against Phytophthora leaf blight disease	DBT-R&D	Sahoo,M.R., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	34.39	36
403	Gene expression profiling of Taro (Colocasia esculenta L. Schott) & role of transcriptional activators of epicuticular wax in host resistance against Phytophthora leaf blight disease	DBT-R&D	Hegde,V., Dr. (M) ICAR-Central Tuber Crops Research Institute Sreekariyam Thiruvananthapuram - 695 017 Kerala	34.39	36
404	Genetic characterization of antibiotic resistant clostridium perfringens & clostridium difficile & their public health significance	DBT-R&D	Manoharan,S., Dr. (M) Tamil Nadu Veterinary & Animal Sciences University Madhavaram Milk Colony Road Chennai - 600 051 Tamil Nadu	45.95	36
405	Genetic characterization of antibiotic resistant clostridium perfringens & clostridium difficile & their public health significance	DBT-R&D	Sharma,R.K., Prof. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	45.95	36
406	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Sobhana,V., Ms. (F) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
407	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Sheshshayee,M.S., Dr. (M) Agricultural Sciences University Dharwad - 580 001 Karnataka	50.87	36
408	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Thulasiram,V.H., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	50.87	36
409	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Shaanker,R.U., Dr. (F) Agricultural Sciences University Dharwad - 580 001 Karnataka	50.87	36
410	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Sarkar,T., Dr. (M) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
411	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Niranjan,V., Dr. (M) R.V. College of Engineering Kengri-Mysore Road Bengaluru - 560 059 Karnataka	50.87	36
412	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Jain,M., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	50.87	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
413	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Khurana,P., Prof. (M) Delhi University Benito Juarez Marg New Delhi - 100 021 Delhi	50.87	36
414	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Mogili,T., Dr. (M) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
415	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Naik,G.V., Dr. (M) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
416	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Gayathri,T., Dr. (F) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
417	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Arunakumar,S.G., Dr. (M) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
418	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Saraswathi,P., Mrs. (F) Central Sericultural Germplasm Research Centre Central Silk Board, P.B. No. 44, Thally Road, District Krishnagiri Hosur - 635 109 Tamil Nadu	50.87	36
419	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Sivaprasad,V., Dr. (F) Central Sericultural Germplasm Research Centre Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
420	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Lakshmi,J.K., Dr. (F) Central Sericultural Germplasm Research Centre Central Silk Board, P.B. No. 44, Thally Road, District Krishnagiri Hosur - 635 109 Tamil Nadu	50.87	36
421	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Karaba,N.N., Dr. (M) Agricultural Sciences University Dharwad - 580 001 Karnataka	50.87	36
422	Genetic enhancement of mulberry by genomics approaches: A multi component network project	DBT-R&D	Vaijyanthi,P.V., Dr. (F) Central Sericultural Research & Training Institute Mananthavadi Road, Srirampura, Mahadevapura Mysore - 570 008 Karnataka	50.87	36
423	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Debnath,J., Dr. (F) College of Veterinary Sciences & Animal Husbandary R.K. Nagar Agartala - 799 008 Tripura	43.88	36
424	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Kaushik,P., Dr. (M) College of Veterinary Science G-4, A Block, NASC Complex, Toda Pur New Delhi - 110 012 Delhi	43.88	36
425	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Dutta,D., Dr. (F) Assam Government Duck & Poultry Farm Joysagar, Dicial Dhulia Gaon Sibsagar - 785 665 Assam	43.88	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
426	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Cyriac,S., Dr. (F) Kerala Veterinary & Animal Science University Wayanad - 673 576 Kerala	43.88	36
427	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Suting,A.S., Mr. (M) State Council of Science, Technology & Environment Behind Bethany Hospital Shillong - 793 003 Meghalaya	43.88	36
428	Genetic up-breeding of duck production to strengthen livelihood security in NER of India by converging conventional & molecular techniques	DBT-R&D	Padhi,M.K., Dr. (M) ICAR-Central Avian Research Institute Izatnager Bareilly - 243 122 Uttar Pradesh	43.88	36
429	Genome engineering to generate cell & animal models to delineate melanocyte cell fate decisions	DBT-R&D	Natarajan,V.T., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	76.70	36
430	Genome wide transcription analyses in drug-resistant Mycobacterium Tuberculosis: Identification & immunomodulation of novel targets	DBT-R&D	Majumdar,T., Dr. (M) Agartala Government Medical College Agartala - 799 001 Tripura	52.25	36
431	Genome wide transcription analyses in drug-resistant Mycobacterium Tuberculosis: Identification & immunomodulation of novel targets	DBT-R&D	Das,G., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	52.25	36
432	Genome wide transcription analyses in drug-resistant Mycobacterium Tuberculosis: Identification & immunomodulation of novel targets	DBT-R&D	Mitra,D.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	52.25	36
433	Genome-wide profiling of PIWI-interacting RNAs (piRNAs) by next-generation sequencing & investigating their role in oral squamous cell carcinoma	DBT-R&D	Mallick,B., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	45.23	36
434	Genomic and proteomics approaches to develop specific diagnostic assay for dection of esturs/silent esturs in buffaloes	DBT-R&D	Thulasiraman,S., Dr. (M) Tamil Nadu Veterinary & Animal Sciences University Madhavaram Milk Colony Road Chennai - 600 051 Tamil Nadu	102.53	36
435	Genomic and proteomics approaches to develop specific diagnostic assay for dection of esturs/silent esturs in buffaloes	DBT-R&D	Baithaul,R.K., Dr. (F) ICAR-National Dairy Research Institute Jewels Hotel, G.T. Road Karnal - 132 001 Haryana	102.53	36
436	Genomic and proteomics approaches to develop specific diagnostic assay for dection of esturs/silent esturs in buffaloes	DBT-R&D	Nagalingam,R.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	102.53	36
437	Genomics of Polycystic Kidney Disease (PKD): Understanding molecular mechanism of disease pathophysiology in Indian patient	DBT-R&D	Das,P., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	65.75	36
438	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Shandil,R.K., Dr. (M) Foundation for Neglected Disease Research Yelahanka Bengaluru - 562 157 Karnataka	117.33	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
439	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Majumder,P.P., Prof. (M) National Institute of Biomedical Genomics Kalyani - 741 251 West Bengal	117.33	36
440	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Raj,S., Prof. (M) S.R.M. University Potheri Kattankulathur - 603 203 Tamil Nadu	117.33	36
441	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Vanlalafela,V., Dr. (M) Ministry of Health & Family Welfare Department of Health & Family Welfare, Maulana Azad Road New Delhi - 110 011 Delhi	117.33	36
442	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Pandit,B., Dr. (F) National Institute of Biomedical Genomics Kalyani - 741 251 West Bengal	117.33	36
443	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Senthikumar,N., Dr. (M) Mizoram University Tlangnuam Aizawal - 796 004 Mizoram	117.33	36
444	Genomics-driven dissection of susceptibility & drug resistance to Pulmonary Tuberculosis, with a geographical focus on NER	DBT-R&D	Kumar,D., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	117.33	36
445	Genotype-phenotype relationship in rare genetic disorders: Physicochemical analysis of mutations in GNE myopathy & phenotype modulation by small molecule effectors	DBT-R&D	Vishwakarma,R., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	25.97	36
446	Genotype-phenotype relationship in rare genetic disorders: Physicochemical analysis of mutations in GNE myopathy & phenotype modulation by small molecule effectors	DBT-R&D	Mohanty,D., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	25.97	36
447	Genotype-phenotype relationship in rare genetic disorders: Physicochemical analysis of mutations in GNE myopathy & phenotype modulation by small molecule effectors	DBT-R&D	Arya,R., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	25.97	36
448	Glucose-6-Phosphate dehydrogenase deficiency among three tribes of Assam, India & its significance for antimalarial therapy	DBT-R&D	Mukherjee,M.B., Dr. (M) ICMR-National Institute of Immunohaematology KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	29.61	36
449	Glucose-6-Phosphate dehydrogenase deficiency among three tribes of Assam, India & its significance for antimalarial therapy	DBT-R&D	Singh,M.R., Dr. (M) Cotton University Post Box No. 66, Pan Bazaar Guwahati - 781 001 Assam	29.61	36
450	Green & sustainable energy from co-digestion of organic fraction of leftover food waste, vegetable peels & fruit peels for biogas generation from hotel Industry & use of digestate as soil conditioner	DBT-R&D	Kameswari,K.S.B., Dr. (F) CSIR-Central Leather Research Institute Adyar Chennai - 600 020 Tamil Nadu	39.20	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
451	Gujjar & Bakarwal women empowerment through improved managerial practices in livestock rearing & awareness in aspects of personal health, hygiene & sanitation	DBT-R&D	Ahmed,J.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Jammu - 180 009 Jammu & Kashmir	24.88	24
452	Helicobacter pylori infection in Sikkim & possible use of probiotics isolated from ethnic fermented foods of Sikkim against H. pylori	DBT-R&D	Chattopadhyay,S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojapura, Thycud Thiruvananthapuram - 695 014 Kerala	31.02	36
453	Helicobacter pylori infection in Sikkim & possible use of probiotics isolated from ethnic fermented foods of Sikkim against H. pylori	DBT-R&D	Thapa,N., Dr. (F) Nar Bahadur Bhandari Degree College Tadong, East Gangtok - 737 102 Sikkim	31.02	36
454	Histone chaperon Asf1 in plasmodium falciparum: Novel anti-Malaria targets	DBT-R&D	Roy,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	52.50	36
455	Hit to lead optimization of novel triazine analogues as potential autophagy modulators for the prevention of cancer	DBT-R&D	Babu,B.N., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka, Uppal Road Hyderabad - 500 607 Telangana	44.95	36
456	Hit to lead optimization of novel triazine analogues as potential autophagy modulators for the prevention of cancer	DBT-R&D	Naidu,V.G.M., Dr. (M) National Institute of Pharmaceutical Education & Research Mirza, Santipur, Parlli Part Guwahati - 781 125 Assam	44.95	36
457	Hypoxia induced changes in blood brain barrier	DBT-R&D	Singh,S.K., Dr. (M) Banaras Hindu University Institute of Medical Science Varanasi - 221 005 Uttar Pradesh	49.73	36
458	Hypoxia induced changes in blood brain barrier	DBT-R&D	Seth,P., Prof. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	49.73	36
459	Identification & functional characterization of phytophthora capsici effectors specific to 'quick wilt' disease in black pepper (Piper nigrum)	DBT-R&D	Sakuntala,M., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannor Road, Poojapura, Thycud Thiruvananthapuram - 695 014 Kerala	53.23	36
460	Identification & molecular characterization of sweat bees (Hymenoptera: Halictidae) of north-east India	DBT-R&D	Akoijam,R., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	25.66	36
461	Identification & molecular characterization of sweat bees (Hymenoptera: Halictidae) of north-east India	DBT-R&D	Dey,D.D., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	25.66	36
462	Identification & validation of small molecule modulators of CRISPR/Cas9- based Homology Directed Repair (HDR) ..	DBT-R&D	Bhadra,M.P., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	28.29	18
463	Identification of elite planting material of selected temperate medicinal herbs, mass multiplication, field demonstration & post-harvest processing	DBT-R&D	Samant,S., Dr. (M) G.B. Pant Institute of Himalayan Environment Development Kosi-Katarmal Almora - 263 643 Uttarakhand	63.82	48

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
464	Identification of elite planting material of selected temperate medicinal herbs, mass multiplication, field demonstration & post-harvest processing	DBT-R&D	Chauhan,R.S., Prof. (M) Bennett University Plot No. 8-11, Tech Zone, Street 2 Greater Noida - 201 310 Uttar Pradesh	63.82	48
465	Identification of elite planting material of selected temperate medicinal herbs, mass multiplication, field demonstration & post-harvest processing	DBT-R&D	Uniyal,R.C., Dr. (M) Zandu Foundation of Health Care A Wing, Express Zone, W.E. Highway, Goregaon East Mumbai - 400 063 Maharashtra	63.82	48
466	Identification of putative bacterial infections as candidate of gallbladder autoimmunity & their involvement in gallbladder carcinoma & stone: A pilot study	DBT-R&D	Negi,S., Dr. (F) ICMR-National Institute of Pathology Safdarjang Hospital Campus, Ansari Nagar New Delhi - 110 029 Delhi	28.16	35
467	Identification of putative novel causal genes in strabismus using contemporary approaches	DBT-R&D	Chaudhuri,Z., Prof. (F) Ram Manohar Lohia Hospital Baba Kharak Singh Marg, Connaught Place New Delhi - 110 001 Delhi	54.91	24
468	Identification of small molecule inhibitor to block the catalytic activity of staphylococcus aureus amidase protein & prevent biofilm development-computational, in vitro & in vivo studies	DBT-R&D	Biswas,R., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Amrita Nagar, Edappally Ernakulam - 682 041 Kerala	56.82	36
469	Identification of specific small peptide inhibitors binding to G-quadruplex motifs of cellular & viral protooncogenes & telomeric sequences in cancer cells for therapeutic intervention	DBT-R&D	Saxena,S., Dr. (F) Amity Institute of Biotechnology J-3, Block, Sector 125 Noida - 201 303 Uttar Pradesh	52.49	36
470	Identification of the genetics associated with resistant starch content in rice for nutraceutical benefits	DBT-R&D	Sarmah,B., Ms. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	50.22	36
471	Identification of the genetics associated with resistant starch content in rice for nutraceutical benefits	DBT-R&D	Mazumder,N., Dr. (M) Manipal University Manipal Life Science Centre Manipal - 576 104 Karnataka	50.22	36
472	Identification of the mechanistic basis of early striatal damage in Glutaric Aciduria Type I	DBT-R&D	Sevilimedu,A.V., Dr. (F) Dr. Reddy Institute of Life Sciences Gachibowli Hyderabad - 500 009 Telangana	40.67	36
473	Identification of the role of redox signaling pathways in the mechanobiology of natural stem cells & its implications on the pathology of Glioblastoma multiforme	DBT-R&D	Mishra,R., Dr. (F) Rajiv Gandhi Centre for Biotechnology Malarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	47.18	36
474	Identification of thermos-tolerant bivoltine breeds based on expression of heat shock protein coding genes in silkworm, Bombyx mori L.	DBT-R&D	Poosapati,R.J., Dr. (M) Andhra Pradesh State Sericulture Research & Development Institute Hindupur Anantapur - 515 211 Andhra Pradesh	27.93	36
475	Identification of thermos-tolerant bivoltine breeds based on expression of heat shock protein coding genes in silkworm, Bombyx mori L.	DBT-R&D	Khedkar,G.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Aurangabad - 431 004 Maharashtra	27.93	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
476	Identification of thermos-tolerant bivoltine breeds based on expression of heat shock protein coding genes in silkworm, BombyX mori L.	DBT-R&D	Dadala,M., Prof. (F) Padmabhushan Dr. Vasandraodada Patil Mahavidyalaya Tirupati - 517 501 Andhra Pradesh	27.93	36
477	Immunomodulation in golden mahseer (Tor putitora) broodstock under captive conditions	DBT-R&D	Akhtar,M.S., Dr. (M) ICAR-Directorate of Coldwater Fisheries Research Anusandhan Bhawan Bhimtal - 263 136 Uttarakhand	48.15	36
478	Immunomodulation of STn antigens with biomaterials for cancer therapy	DBT-R&D	Kikkeri,R., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No.8, NCL Colony Pashan Pune - 411 008 Maharashtra	85.85	36
479	Improving broodstock management & quality seed production of ompok bimaculatus through application of molecular endocrinology	DBT-R&D	Mandal,S.C., Dr. (M) College of Fisheries Central Agricultural University, Lembucherra Agartala - 799 210 Tripura	44.50	36
480	Improving broodstock management & quality seed production of ompok bimaculatus through application of molecular endocrinology	DBT-R&D	Sundaray,J.K., Dr. (M) ICAR-Central Institute of Freshwater Aquaculture Kausalyaganga Bhubaneswar - 751 002 Odisha	44.50	36
481	Improving detectability of disorders using cell free DNA in plasma with genome wide signal processing	DBT-R&D	Kumar,V., Dr. (M) Indraprastha Institute of Information Technology Okhla Industrial Area III, Near Govindpuri Metro Station New Delhi - 110 020 Delhi	33.60	36
482	Improving detectability of disorders using cell free DNA in plasma with genome wide signal processing	DBT-R&D	Chowdhury,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	33.60	36
483	In silico design, synthesis, bioassay & elucidation of novel analogues of vasicine & other quinazolinone compounds as potent antimycobacterial agents	DBT-R&D	Sarma,D., Dr. (M) Dibrugarh University Dibrugarh - 786 004 Assam	33.48	36
484	In silico design, synthesis, bioassay & elucidation of novel analogues of vasicine & other quinazolinone compounds as potent antimycobacterial agents	DBT-R&D	Chaturvedi,V., Dr. (F) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	33.48	36
485	In vivo imaging & tacking of iron oxide nanoparticles labelled stem cells for osteochondral repair	DBT-R&D	Khanna,A., Dr. (F) SVKM's Narsee Monjee Institute of Management Studies V.L. Mehta Road, Vile Parle Mumbai - 400 056 Maharashtra	40.67	36
486	In vivo screening & analysis of Bar-domain family in membrane-cytoskeletal interactions in epithelial morphogenesis & synaptic membrane remodelling in Dorsophila	DBT-R&D	Rikhy,R., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8,NCL Colony, Pashan Pune - 411 008 Maharashtra	65.76	36
487	In vivo screening & analysis of Bar-domain family in membrane-cytoskeletal interactions in epithelial morphogenesis & synaptic membrane remodelling in Dorsophila	DBT-R&D	Kumar,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	65.76	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
488	Incidence of imatinib resistance & associated BCR-ABL kinase domain mutations among chronic Myeloid Leukaemia patients in north east Indian population	DBT-R&D	Rajkonwar,A., Dr. (M) Assam Medical College & Hospital Barbari Dibrugarh - 786 002 Assam	31.85	36
489	Incidence of imatinib resistance & associated BCR-ABL kinase domain mutations among chronic Myeloid Leukaemia patients in north east Indian population	DBT-R&D	Vundinti,B.R., Dr. (M) ICMR-National Institute of Immunohaematology KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	31.85	36
490	Injectable self-assembled Bruch's membrane mimetic nanofibers for retinal pigment epithelium	DBT-R&D	Subramanian,A., Dr. (F) SASTRA University Trichy-Tanjore Road, Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	69.58	36
491	Injectable self-assembled Bruch's membrane mimetic nanofibers for retinal pigment epithelium	DBT-R&D	Parameswaran,S., Dr. (F) Vision Research Foundation Chennai - 600 006 Tamil Nadu	69.58	36
492	Integrative functional analysis of the human immune response to a Flavivirus vaccine	DBT-R&D	Gupta,N., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	81.45	36
493	Integrative functional analysis of the human immune response to a Flavivirus vaccine	DBT-R&D	Khan,S.A., Dr. (M) ICMR-Regional Medical Research Centre N.E. Region, Bokul, Lahowal Dibrugarh - 786 001 Assam	81.45	36
494	Integrative systems biology approach to identify the molecular response signatures in rice during concurrent biotic (Rhizoctonia solani) & abiotic (heat) stresses	DBT-R&D	Kirti,P.B., Prof. (M) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	41.48	36
495	Integrative systems biology approach to identify the molecular response signatures in rice during concurrent biotic (Rhizoctonia solani) & abiotic (heat) stresses	DBT-R&D	Barah,P., Dr. (M) Tezpur University Napaam Tezpur - 784 028 Assam	41.48	36
496	Integrative taxonomy of insect pests of rice & their natural enemies of north-east India	DBT-R&D	Das,P., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	26.36	36
497	Integrative taxonomy of insect pests of rice & their natural enemies of north-east India	DBT-R&D	Dey,D., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	26.36	36
498	Intra-tumoral administration of peripherally-acting opioid based polyanalgesic combinations for management of cancer induced bone pain	DBT-R&D	Shankarappa,S., Dr. (M) Amrita Centre for Nanosciences & Molecular Medicine Amrita Vishwa Vidyapeetham, P.O. Ponekkar Kochi - 682 041 Kerala	69.81	36
499	Introgression of phosphorus stress tolerant & multiple disease resistance genes into rice through marker assisted selection	DBT-R&D	Sarma,A., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	33.51	36
500	Introgression of phosphorus stress tolerant and multiple disease resistance genes into rice through marker assisted selection	DBT-R&D	Ramalingam,J., Prof. (M) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	33.51	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
501	Investigating expression of imprinted genes in placenta & contribution of paternal imprints in IUGR cases	DBT-R&D	Balasinor,N.H., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	35.23	36
502	Investigating expression of imprinted genes in placenta & contribution of paternal imprints in IUGR cases	DBT-R&D	Das,R.S., Dr. (M) Agartala Government Medical College 79 Tilla Agartala - 799 006 Tripura	35.23	36
503	Investigating mycobacterial responses to endogenous peroxynitrite	DBT-R&D	Singh,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	40.52	36
504	Investigating mycobacterial responses to endogenous peroxynitrite	DBT-R&D	Chakrapani,H., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	40.52	36
505	Investigating the effect of Osmolytes on the interplay of dynamics of water, protein & DNA: Implications for modulating protein-DNA specificity	DBT-R&D	Vigneshwar,R., Dr. (M) SASTRA University Trichy-Tanjor Road, Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	27.10	36
506	Investigating the role of Dab2 (Disabled-2 protein) in epidermal homeostasis & stem cell regulation	DBT-R&D	Waghmare,S.K., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Sector 22, Utsav Chowk-CISF Road, Kharghar Navi Mumbai - 410 210 Maharashtra	30.80	24
507	Investigating the role of peroxisomes in Parkinson's disease	DBT-R&D	Manjithaya,R., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	37.20	36
508	Investigating the role of peroxisomes in Parkinson's disease	DBT-R&D	Nagotu,S., Dr. (F) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	37.20	36
509	Investigating the role of SWI/ SNF complex gene brahma in Drosophila neural stem cell proliferation & apoptosis	DBT-R&D	Joshi,R., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	62.00	36
510	Investigation of hydrophobically modified polysaccharides for nanodelivery of anticancer drugs in the treatment of multidrug resistance colon cancer	DBT-R&D	Fernandes,C., Dr. (F) Narsee Monjee Institute of Management Studies V. L. Mehta Road, Vile Parle Mumbai - 400 056 Maharashtra	32.98	36
511	Investigation of hydrophobically modified polysaccharides for nanodelivery of anticancer drugs in the treatment of multidrug resistance colon cancer	DBT-R&D	Acharya,P.C., Dr. (M) Tripura University Agartala - 799 022 Tripura	32.98	36
512	Investigation of oleochemicals of under-utilized wild nutmegs native to NE India & value addition thereof	DBT-R&D	Banik,D., Dr. (F) CSIR-North East Institute of Science & Technology NH 37, Pulibor Jorhat - 785 006 Assam	35.61	36
513	Investigation of the intrinsic anti-infective properties of an unexplored chitosan against Urinary Tract Infection (UTI) causing pathogens	DBT-R&D	Nithyanand,P., Dr. (M) SASTRA University Trichy-Tanjore Road, Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	24.30	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
514	Investigation of the role of notch signalling in abdominal neural stem cell apoptosis in <i>Drosophila</i>	DBT-R&D	Joshi,R., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	83.76	36
515	Investigation on functional significance of Bhandi Yellow Vein Mosaic Virus beta C1-demethylase interaction in transcriptional gene silencing interference	DBT-R&D	Pandi,G., Dr. (M) Madurai Kamaraj University Madurai - 625 001 Tamil Nadu	60.61	36
516	Isolation & characterization of bioactive components from indigenous plants of NEH region for antiuro lithiatic potential with standardized phytochemical & pharmacological parameters	DBT-R&D	Barman,A., Dr. (M) North-Eastern Hill University East Khasi Hills Shillong - 793 022 Meghalaya	39.91	36
517	Isolation & characterization of bioactive components from indigenous plants of NEH region for antiuro lithiatic potential with standardized phytochemical & pharmacological parameters	DBT-R&D	Gupta,P.C., Dr. (M) Chhatrapati Sahuji Maharaj Kanpur University Kanpur - 208 026 Uttar Pradesh	39.91	36
518	Isolation & comparative analysis of promoter homeologs of flowering time gene SOC1: Discovering novel promoters involved in floral transition in Indian brassicas	DBT-R&D	Singh,A., Dr. (F) The Energy & Resources Institute Darbari Seth Block, Lodhi Road New Delhi - 110 003 Delhi	52.59	36
519	Isolation & identification of novel bacteriocin producing probiotic microbial species from northeast region, exploration of probiotic traits & application of purified bacteriocin in food preservation	DBT-R&D	Maiti,S.S., Dr. (F) Central Institute of Technology Rangalikhata, Kokrajhar - 783 370 Assam	31.34	36
520	Isolation & identification of novel bacteriocin producing probiotic microbial species from northeast region, exploration of probiotic traits & application of purified bacteriocin in food preservation	DBT-R&D	Chaudhuri,S., Dr. (F) National Institute of Technology (Durgapur) Mahatma Gandhi Road, A-Zone Durgapur - 713 209 West Bengal	31.34	36
521	JNU-DBT National Training & Skill Development facility for state-of-the-art equipment used in industry & academics	DBT-R&D	Mohan,D., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	458.30	36
522	Life Science Research, Education & Training at JNCASR	DBT-R&D	Nagaraja,V., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	2856.15	36
523	Light amplifying carbon quantum dot embedded contact lenses for treatment of night blindness	DBT-R&D	Kapusetti,G., Dr. (M) National Institute of Pharmaceutical Education & Research C/O B.V. Patel PERD Centre, Someshwar Park 3, Thaltej Ahmedabad - 380 054 Gujarat	46.40	36
524	Maintenance & operation of the biosafety facility (level 3), for Tuberculosis research, located at UDSC Campus, New Delhi	DBT-R&D	Khare,G., Dr. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	103.15	36
525	Mapping & inheritance studies for northern corn leaf blight resistance in maize (<i>Zea mays</i> L.) population generated from landraces of North East Hill Region (NEHR) of India	DBT-R&D	Chand,R., Dr. (M) Banaras Hindu University Institute of Agricultural Science, Kabir Colony Varanasi - 221 005 Uttar Pradesh	27.35	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
526	Mapping & inheritance studies for northern corn leaf blight resistance in maize (<i>Zea mays</i> L.) population generated from landraces of North East Hill Region (NEHR) of India	DBT-R&D	Sen,D., Dr. (F) Central Agricultural University Iroisemba Imphal - 795 004 Manipur	27.35	36
527	Marker-assisted introgression of waxy1 allele for development of high amylopectin maize genotypes	DBT-R&D	Devi,E.L., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Thangmeiband Hijam Leikai Imphal - 795 004 Manipur	34.36	36
528	Marker-assisted introgression of waxy1 allele for development of high amylopectin maize genotypes	DBT-R&D	Vignesh,M., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	34.36	36
529	Mechanism of infection memory development in <i>Arabidopsis Thaliana</i>	DBT-R&D	Nandi,A.K., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	60.92	36
530	Mechanistic insights into the signal transduction pathways of progesterone in regulating functional dynamics in bovine & caprine spermatozoa	DBT-R&D	Swain,D.K., Dr. (M) U.P. Pandit Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwavidhyalaya Evam Go Anusandhan Sansthan Mathura - 281 001 Uttar Pradesh	84.99	36
531	Mechanobiology of cell adhesion & cytoskeleton under dynamic shear	DBT-R&D	Gundiah,N., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.96	36
532	Mechanobiology of cell adhesion & cytoskeleton under dynamic shear	DBT-R&D	Pullarkat,P., Prof. (M) Raman Research Institute C. V. Raman Avenue, Sadashivanagar Bengaluru - 560 080 Karnataka	31.96	36
533	Mechanobiology of cell adhesion & cytoskeleton under dynamic shear	DBT-R&D	Menon,G., Prof. (M) Institute of Mathematical Sciences Taramani Chennai - 600 113 Tamil Nadu	31.96	36
534	Mitochondrial DNA haplotypes as candidate biomarkers for prediction of reproductive efficiencies in buffalo	DBT-R&D	Sadeesh,E.M., Dr. (M) ICAR-National Dairy Research Institute G.T. Road, Jewels Hotel Karnal - 132 001 Haryana	59.56	36
535	Modulating the expression of Topo2b to enhance the viability of CGNs through genome editing	DBT-R&D	Dholaniya,P.S., Dr. (M) Hyderabad University Professor C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	59.20	36
536	Modulation of connexin-43 & histone deacetylase to comprehend Cancer therapy	DBT-R&D	Ghosh,S.S., Prof. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	28.51	36
537	Modulation of connexin-43 & histone deacetylase to comprehend Cancer therapy	DBT-R&D	Gopinath,P., Dr. (M) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	28.51	36
538	Molecular & biochemical studies on indigenous medicinal plants from the north east India including <i>Urginea indica</i> (Bon Pollundu) & <i>dactyloscapnos scandens</i> for the development of potential anti-diabetic formulations	DBT-R&D	Baruwa,J., Dr. (M) Institute of Advanced Study in Science & Technology Izatnagar Bareilly - 243 122 Uttar Pradesh	23.79	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
539	Molecular & biochemical studies on indigenous medicinal plants from the north east India including <i>Urginea indica</i> (Bon Pollundu) & <i>dactyloscapnos scandens</i> for the development of potential anti-diabetic formulations	DBT-R&D	Hazarika,N.K., Dr. (M) Government Ayurvedic College & Hospital Guwahati - 781 014 Assam	23.79	36
540	Molecular & biochemical studies on indigenous medicinal plants from the north east India including <i>Urginea indica</i> (Bon Pollundu) & <i>dactyloscapnos scandens</i> for the development of potential anti-diabetic formulations	DBT-R&D	Barman,P., Dr. (M) Gauhati University Guwahati - 781 014 Assam	23.79	36
541	Molecular & biochemical studies on indigenous medicinal plants from the north east India including <i>Urginea indica</i> (Bon Pollundu) & <i>dactyloscapnos scandens</i> for the development of potential anti-diabetic formulations	DBT-R&D	Ghosh,S., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Near Kukrail Picnic Spot Lucknow - 226 015 Uttar Pradesh	23.79	36
542	Molecular analysis of emerging carbapenem hydrolysing Class D beta Lactamases (CHDLs) in gram negative bacteria & their control using anti plasmid compounds	DBT-R&D	Bhattacharjee,A., Dr. (F) Assam University Silchar - 788 011 Assam	35.76	36
543	Molecular analysis of emerging carbapenem hydrolysing Class D beta Lactamases (CHDLs) in gram negative bacteria & their control using anti plasmid compounds	DBT-R&D	Ghosh,A.S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	35.76	36
544	Molecular analysis of emerging carbapenem hydrolysing Class D beta Lactamases (CHDLs) in gram negative bacteria & their control using anti plasmid compounds	DBT-R&D	Dhar,D., Dr. (M) Silchar Medical College & Hospital Cachar Silchar - 788 014 Assam	35.76	36
545	Molecular characterization of x-linked adrenoleukodystrophy: Unraveling the role of modifier genes	DBT-R&D	Christopher,R., Prof. (F) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off. Housur Road Bengaluru - 560 029 Karnataka	28.43	36
546	Molecular characterization of x-linked adrenoleukodystrophy: Unraveling the role of modifier genes	DBT-R&D	Gulati,R., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Gorimedu, Dhanvantari Nagar Puducherry - 605 006 Puducherry	28.43	36
547	Molecular characterization, development of molecular markers & metabolite analysis of tree bean (<i>Parkia roxburghii</i>) landraces of north-east India	DBT-R&D	Iqbal,M.A., Dr. (M) ICAR-Indian Agricultural Statistics Research Institute Library Ave, Pusa New Delhi - 110 012 Delhi	38.74	36
548	Molecular characterization, development of molecular markers & metabolite analysis of tree bean (<i>Parkia roxburghii</i>) landraces of north-east India	DBT-R&D	Mandal,S., Dr. (M) Uttar Banga Krishi Vishwavidyalaya Pundibari Cooch Behar - 736 165 West Bengal	38.74	36
549	Molecular characterization, development of molecular markers & metabolite analysis of tree bean (<i>Parkia roxburghii</i>) landraces of north-east India	DBT-R&D	Dutta,S.K., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	38.74	36
550	Molecular cloning biochemical characterization & exploitation of arabitol dehydrogenase from <i>Debaryomyces Nepalensis</i>	DBT-R&D	Gummadi,S.N., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	46.17	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
551	Molecular diversity of Hepatitis C virus in a tertiary care hospital of Manipur, India	DBT-R&D	Saha,M.K., Dr. (M) ICMR-National Institute of Cholera & Enteric Diseases 33, C.I.T. Road, Subhas Sarobar Park, Belehata Kolkata - 700 010 West Bengal	53.72	36
552	Molecular diversity of Hepatitis C virus in a tertiary care hospital of Manipur, India	DBT-R&D	Singh,R.M., Dr. (M) Jawaharlal Nehru Institute of Medical Sciences Porompet Imphal - 795 001 Manipur	53.72	36
553	Molecular mapping & construction of linkage maps for improving aluminium tolerance & phosphorus acquisition efficiency in lentil for cultivation in acidic soils of north east hill states	DBT-R&D	Singh,D., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	42.14	36
554	Molecular mapping & construction of linkage maps for improving aluminium tolerance & phosphorus acquisition efficiency in lentil for cultivation in acidic soils of north east hill states	DBT-R&D	Singh,K.N., Prof. (M) Central Agricultural University Iroisemba Imphal - 795 004 Manipur	42.14	36
555	Molecular mapping and epidemiology of caprine cryptosporidiosis in Tripura	DBT-R&D	Roy,S.S., Dr. (F) College of Veterinary Sciences & Animal Husbandary Selesih Aizawal - 796 014 Mizoram	44.61	36
556	Molecular mapping and epidemiology of caprine cryptosporidiosis in Tripura	DBT-R&D	Paul,S., Dr. (M) ICAR-Central Institute for Research on Goats Farah Main Bazar Road, Makhdum Mathura - 281 112 Uttar Pradesh	44.61	36
557	Molecular mechanism of designated ferrocene scaffold appended with organostannyl benzoates for anticancer activity	DBT-R&D	Manna,S.K., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Nacharam, Office Block 2nd Floor Hyderabad - 500 001 Telangana	35.93	36
558	Molecular mechanism of designated ferrocene scaffold appended with organostannyl benzoates for anticancer activity	DBT-R&D	Baul,T.S.B., Dr. (M) North-Eastern Hill University Umshing Mawkynroh Shillong - 793 022 Meghalaya	35.93	36
559	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Sanjukta,K.R., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	26.33	36
560	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Pebam,R., Dr. (M) North Eastern Space Application Centre Umiam - 793 103 Meghalaya	26.33	36
561	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Phukan,S.C., Dr. (F) College of Veterinary & Animal Sciences Assam Agricultural University, Khanapara, G.S. Road Guwahati - 781 022 Assam	26.33	36
562	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Sankar,M., Dr. (M) ICAR-Indian Veterinary Research Institute Mukteswar Nainital - 263 138 Uttarakhand	26.33	36
563	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Subbiah,M., Dr. (F) National Institute of Animal Biotechnology Gachibowli Hyderabad - 500 032 Telangana	26.33	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
564	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Kumar,S., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	26.33	36
565	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Patil,S.S., Dr. (M) ICAR-National Institute of Veterinary Epidemiology & Disease Information Yelahanka Bengaluru - 560 064 Karnataka	26.33	36
566	Molecular platform for epidemiology, disease mapping & development of diagnostics for economically important diseases of ducks	DBT-R&D	Shanmugasundaram,N., Dr. (M) ICAR-National Institute of High Security Animal Diseases Anand Nagar Bhopal - 462 022 Madhya Pradesh	26.33	36
567	Morphological, molecular & association mapping-based approach to identify the resistance/tolerance to anthracnose disease of Chilli in the north east India	DBT-R&D	Saha,P., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	31.86	36
568	Morphological, molecular & association mapping-based approach to identify the resistance/tolerance to anthracnose disease of Chilli in the north east India	DBT-R&D	Devi,C.P., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Langol Road, Sinam Leikai, Imphal - 795 004 Manipur	31.86	36
569	Morphological, pathological & genetic variability of pathogens complex associated with sudden death or decline of tree bean (Parkia-roxburghii) in northeastern India: Use of molecular epidemiological approaches for management & conservation	DBT-R&D	Singh,A.R., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	40.20	36
570	Multifaceted exploration of edible molluscs of north east India	DBT-R&D	Sreedevi,K., Dr. (F) ICAR-National Bureau of Agricultural Insects Resources Hebbal Bengaluru - 560 024 Karnataka	36.99	36
571	Multifaceted exploration of edible molluscs of north east India	DBT-R&D	Bhattacharyya,B., Dr. (M) Assam Agricultural University Barbhetta Jorhat - 785 013 Assam	36.98	36
572	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Ghosh,P., Dr. (M) Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital 244, A.J.C. Bose Road Kolkata - 700 020 West Bengal	125.96	60
573	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Rajasekhar,L., Prof. (F) Nizam's Institute of Medical Sciences Hyderabad - 500 082 Telangana	125.96	60
574	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Das,B., Prof. (M) S.C.B. Medical College Cuttack - 753 007 Odisha	125.96	60
575	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Gupta,R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	125.96	60
576	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Mathew,A.J., Dr. (M) Christian Medical College Vellore - 632 002 Tamil Nadu	125.96	60

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
577	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Ravindran,B., Dr. (M) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekharpur Bhubaneswar - 751 023 Odisha	125.96	60
578	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Negi,V.S., Prof. (M) Jawaharlal Institute of P.G. Medical Education & Research Gorimedu, Dhanvantri Nagar Puducherry - 605 006 Puducherry	125.96	60
579	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Aggarwal,A., Prof. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	125.96	60
580	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Sobha,V., Prof. (F) St. John's Medical College & Hospital St. John's National Academy of Health Sciences, Koramangala Bengaluru - 560 001 Karnataka	125.96	60
581	Multi-institutional network program on systemic lupus erythematosus understanding the diversity of SLE	DBT-R&D	Rathi,M., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	125.96	60
582	Nanomaterials based active & intelligent packaging of selected baked, fermented & fried foods	DBT-R&D	Chandra,T.S., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	22.70	36
583	Nanomaterials based active & intelligent packaging of selected baked, fermented & fried foods	DBT-R&D	Srinivasan,N.T., Prof. (M) Indian Institute of Technology (Tirupati) C.K.S. Dental College, Settipalli Post, District Chittoor Tirupati - 517 506 Andhra Pradesh	22.70	36
584	Neo-therapeutic strategy for Tuberculosis with the combination of conventional antibiotics & natural flavone compounds that inhibits biofilm	DBT-R&D	Bhattacharjee,S., Dr. (M) Tripura University Bikramnagar Suryamaninagar - 799 022 Tripura	36.49	36
585	Neo-therapeutic strategy for Tuberculosis with the combination of conventional antibiotics & natural flavone compounds that inhibits biofilm	DBT-R&D	Das,G., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	36.49	326
586	Nitric oxide signalling in response to botrytis cinerea infection tomato fruits	DBT-R&D	Kapuganti,J.G., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	91.14	36
587	NKT cell subsets: Impact on Mycobacterium Tuberculosis specific polyfunctional effector T cell responses & protection against Tuberculosis	DBT-R&D	Mitra,D.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	65.58	36
588	NMR studies of structure & dynamics of human ribosomal protein S4 & its complex with 18S rRNA	DBT-R&D	Bhuyan,A.K., Prof. (F) Hyderabad University Prof C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	52.89	36
589	Novel nano & micro formulation of PRP (Platelet Rich Plasma): New allogenic, universal, one-for-all, off-the-shelf cosmeceutical product for chronic wound healing	DBT-R&D	Giri,J., Dr. (M) Indian Institute of Technology (Hyderabad) 11th Main Road, Near NH 65, Kandi Sangareddy - 502 285 Telangana	39.20	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
590	Novel rationally designed DNA gyrase inhibitors as antibacterials	DBT-R&D	Pan,S.C., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	30.32	36
591	Novel rationally designed DNA gyrase inhibitors as antibacterials	DBT-R&D	Chopra,S., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	30.32	36
592	Nutrient profiling of fishes of Loktak lake in Manipur, a high altitude lake with organic fauna & potential scope for GI tagging	DBT-R&D	Mohanty,B.P., Dr. (M) ICAR-Central Inland Fisheries Research Institute Dispur, Hatigaon Guwahati - 781 006 Assam	34.18	36
593	Nutrient profiling of fishes of Loktak lake in Manipur, a high altitude lake with organic fauna & potential scope for GI tagging	DBT-R&D	Singh,M.S., Dr. (M) Thambal Marik College Natioal Highway 150 Oinam - 795 134 Manipur	34.18	36
594	Olaparib (AZD2281) a PARP inhibitor & curcumin synergistically induces apoptosis in oral cancer stem cells by inhibiting the DNA repair cascade	DBT-R&D	Kundu,C.N., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Atul Grove Road, Janpath, Connaught New Delhi - 110 001 Delhi	37.99	36
595	Optimize genome editing method for Chickpea (Cicer arietinum) with the CRISPR/ Cas9 system & edit AHASI gene	DBT-R&D	Acharjee,S., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	51.73	36
596	Optimizing resources for identification of potential sorghum forage hybrids using genomic selection	DBT-R&D	Bhat,V.B., Dr. (M) ICAR-Indian Institute of Millets Research Rajendra Nagar Hyderabad - 500 030 Telangana	28.57	36
597	Optimizing resources for identification of potential sorghum forage hybrids using genomic selection	DBT-R&D	Sarma,R.N., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	28.57	36
598	Organotin (IV) carboxylates & their mixed ligands compounds as potential chemotherapeutics & study of mechanism of their cytotoxicity	DBT-R&D	Nath,M., Prof. (F) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	23.22	36
599	Organotin (IV) carboxylates & their mixed ligands compounds as potential chemotherapeutics & study of mechanism of their cytotoxicity	DBT-R&D	Roy,P., Prof. (M) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	23.22	36
600	Pharmacogenetics of metformin efficacy: A leap towards personalized medicine	DBT-R&D	Das,M., Dr. (M) Calcutta University College Square Kolkata - 700 073 West Bengal	31.72	36
601	Pharmacogenetics of metformin efficacy: A leap towards personalized medicine	DBT-R&D	Zohmingthanga,J., Dr. (M) Civil Hospital Dawrpui Aizawal - 796 001 Mizoram	31.72	36
602	Pharmacological studies of recombinant & mutant fibrin(ogen) olytic protease(s) for the prevention and/or treatment of hyperfibrinogenemia associated cardiovascular disorders	DBT-R&D	Mukherjee,A.K., Prof. (M) Tezpur University Tezpur - 784 028 Assam	20.80	18

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
603	Pharmacological studies of recombinant & mutant fibrin(ogen)olytic protease(s) for the prevention and/or treatment of hyperfibrinogenemia associated cardiovascular disorders	DBT-R&D	Banerjee,U.C., Prof. (M) National Institute of Pharmaceutical Education & Research Sector 67, Sahibzada Ajit Singh Nagar, Mohali - 160 062 Punjab	20.80	18
604	Photodynamic Antimicrobial Chemotherapy (PACT) for controlling bacterial infections in shrimp larval rearing systems	DBT-R&D	Aanantha,S.R., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	23.19	36
605	Photodynamic Antimicrobial Chemotherapy (PACT) for controlling bacterial infections in shrimp larval rearing systems	DBT-R&D	Abdulaziz,A., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	23.19	36
606	Phytochemical & pharmacological evaluations of bioactivity guided fractions of medicinal plants of Tripura	DBT-R&D	Debnath,B., Dr. (M) Tripura University Suryamaninagar - 799 022 Tripura	36.96	36
607	Phytochemical & pharmacological evaluations of bioactivity guided fractions of medicinal plants of Tripura	DBT-R&D	Sahu,A.N., Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	36.96	36
608	Phytopharmaceutical development of ficus semicordata buch-ham, ex Sm. As per regulatory guidelines of DCGI (under the phytopharmaceutical mission for north east region)	DBT-R&D	Sangwan,P.L., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	65.76	36
609	Phytopharmaceutical development of ficus semicordata buch-ham, ex Sm. As per regulatory guidelines of DCGI (under the phytopharmaceutical mission for north east region)	DBT-R&D	Borah,J.C., Dr. (M) CSIR-North East Institute of Science & Technology NH-37, Pulibor Jorhat - 785 006 Assam	65.76	36
610	Phytopharmaceutical development of ficus semicordata buch-ham, ex Sm. As per regulatory guidelines of DCGI (under the phytopharmaceutical mission for north east region)	DBT-R&D	Rajashekar,Y., Dr. (M) Institute of Bioresources & Sustainable Development Takelpat Imphal - 795 005 Manipur	65.76	36
611	Pilot scale biorefinery for value added wealth generation of biogas, lutein & biofertilizer from temple flower wastes with zero discharge	DBT-R&D	Kumari,A., Dr. (F) Amity Institute of Biotechnology J-3 Block, Raipur Marg, Sector 125 Noida - 201 313 Uttar Pradesh	75.68	36
612	Pilot scale production of 2,3 Butane Diol (2,3-BD), a fuel additive: Employment of 'Enterobacter cloacae TERI BD18' as microbial cell factory	DBT-R&D	Subudhi,S., Dr. (F) The Energy & Resources Institute India Habitat Center Complex, Lodhi Road New Delhi - 110 003 Delhi	79.88	36
613	Plant encapsulated nanosystem: An alternative to antimicrobial growth promoter in poultry health in northeastern India	DBT-R&D	Sanjukta,R., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	39.95	36
614	Plant encapsulated nanosystem: An alternative to antimicrobial growth promoter in poultry health in northeastern India	DBT-R&D	Laishram,R., Dr. (M) North-Eastern Hill University Umshing Mawkyntroh Shillong - 793 022 Meghalaya	39.95	36
615	Potent & selective PDE4B inhibitors for the potential treatment of Arthritis	DBT-R&D	Pal,M., Prof. (M) Dr. Reddy Institute of Life Sciences Gachibowli Hyderabad - 500 009 Telangana	29.98	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
616	Potent & selective PDE4B inhibitors for the potential treatment of Arthritis	DBT-R&D	Rasool,M., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	29.98	36
617	Poverty alleviation through popularization of locally available medicinal-dietary plants for the prevention of malnutrition among the SC/ST children & women	DBT-R&D	Singh,B.N., Dr. (M) Sami Labs Limited Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	28.90	36
618	Prevalence of fragile X syndrome & its neuropsychological correlates among children with developmental delay attending OPD services of Assam Medical College & Hospital, Dibrugarh	DBT-R&D	Das,D.K., Dr. (M) ICMR-National Institute for Research in Reproductive Health Parel Mumbai - 400 012 Maharashtra	27.54	36
619	Prevalence of fragile X syndrome & its neuropsychological correlates among children with developmental delay attending OPD services of Assam Medical College & Hospital, Dibrugarh	DBT-R&D	Shuyan,D., Dr. (M) Assam Medical College & Hospital Barbari Dibrugarh - 786 002 Assam	27.54	36
620	Process development for the cost effective production of fungal endoglucanase, lipase & amylase for deinking of newsprints & mixed office waste papers	DBT-R&D	Shukla,P., Dr. (M) Maharshi Dayanand University Rohtak - 124 001 Haryana	31.46	36
621	Process development for the cost effective production of fungal endoglucanase, lipase & amylase for deinking of newsprints & mixed office waste papers	DBT-R&D	Bhardwaj,N.K., Dr. (F) Avantha Centre for Industrial Research & Development Paper Mill Campus Yamuna Nagar - 135 001 Haryana	31.46	36
622	Promoter-methylation of P body gene componets & study of its implications on P body dynamics & tRF-miR pool binding in ER dependent breast cancer	DBT-R&D	Venkatesh,T., Dr. (F) Central University of Kerala Kasaragod - 671 123 Kerala	41.85	36
623	Promotion of integrated farming with introduction of organic farming concept & mushroom cultivation & its value addition in North Bengal through establishment of rural bio-resource hubs with biotechnological applications	DBT-R&D	Chowdhury,A.K., Prof. (M) Uttar Banga Krishi Vishwavidyalaya Pundibari Cooch Behar - 736 165 West Bengal	44.86	36
624	Prospecting flora of Mizoram for antimicrobial & antimalarial bio molecules	DBT-R&D	Pal,A., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 002 Uttar Pradesh	46.05	36
625	Prospecting flora of Mizoram for antimicrobial & antimalarial bio molecules	DBT-R&D	Kumar,A., Dr. (M) Mizoram University Aizawal - 796 004 Mizoram	46.05	36
626	Quantum dot based biosensor for early detection of Prostate Cancer using multiple biomarkers in biological samples	DBT-R&D	Gogoi,M., Dr. (M) North-Eastern Hill University Umshing Mawkynroh Shillong - 793 022 Meghalaya	28.50	36
627	Quantum dot based biosensor for early detection of Prostate Cancer using multiple biomarkers in biological samples	DBT-R&D	Jhosi,A.B., Dr. (M) Indian Institute of Technology (Indore) Simrol, Khandwa Indore - 453 552 Madhya Pradesh	28.50	36
628	Quest for Cancer drugs: Screening & bioassay guided phytochemical investigation of selected endemic medicinal plants of eastern Himalaya	DBT-R&D	Kalita,M.C., Prof. (M) Gauhati University Jalukbari Guwahati - 781 014 Assam	33.83	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
629	Quest for Cancer drugs: Screening & bioassay guided phytochemical investigation of selected endemic medicinal plants of eastern Himalaya	DBT-R&D	Kakati,D., Dr. (M) Rajiv Gandhi University Jayanagar Bengaluru - 560 041 Karnataka	33.83	36
630	Quest for Cancer drugs: Screening & bioassay guided phytochemical investigation of selected endemic medicinal plants of eastern Himalaya	DBT-R&D	Bhattacharya,A.K., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	33.83	36
631	Quest for Cancer drugs: Screening & bioassay guided phytochemical investigation of selected endemic medicinal plants of eastern Himalaya	DBT-R&D	Santra,M.K., Dr. (M) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	33.83	36
632	Raising the livelihood of women farmers in selected villages of Thoothukudi district through development of Azolla bio-village	DBT-R&D	Bright,J.P., Prof. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	15.00	36
633	Regulation of corpus luteum function by locally produced angiogenic growth factors in pigs (<i>Sus scrofa</i>)	DBT-R&D	Sarkar,M., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	48.27	36
634	Regulation of corpus luteum function by locally produced angiogenic growth factors in pigs (<i>Sus scrofa</i>)	DBT-R&D	Borah,S., Dr. (M) Assam Agricultural University Barpeta Jorhat - 785 013 Assam	48.27	36
635	Re-purposing of FDA approved drugs for Tuberculosis treatment	DBT-R&D	Ehtesham,N.Z., Dr. (M) ICMR-National Institute of Pathology Ansari Nagar West New Delhi - 110 029 Delhi	102.70	36
636	Re-purposing of FDA approved drugs for Tuberculosis treatment	DBT-R&D	Hasnain,S.E., Prof. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	102.70	36
637	Re-purposing of FDA approved drugs for Tuberculosis treatment	DBT-R&D	Trivedi,V., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	102.70	36
638	Re-purposing of FDA approved drugs for Tuberculosis treatment	DBT-R&D	Sarma,J., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	102.70	36
639	Reviving the abandoned antibiotics using analogues of alpha-melanocyte stimulating hormone against Methicillin-resistance staphylococcus aureus	DBT-R&D	Mukhopadhyaya,K., Prof. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	73.10	36
640	Risk assessment from multi-metal exposure for the population in arsenic affected areas of West Bengal, India & possible mitigation strategy	DBT-R&D	Bhowmick,S., Dr. (M) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	45.00	36
641	RNAi-mediated disruption of Caffeoyl-CoA O-Methyl transferase (CCoAOMT) or Cinnamyl Alcohol Dehydrogenase (CAD) to down-regulate lignin content in wild Sugarcane (<i>Saccharum spontaneum</i> L.)	DBT-R&D	Markkandan,G., Dr. (M) Presidency University 86/1, College Street Kolkata - 700 073 West Bengal	47.64	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
642	Role for epigenetic modulators LSD1 & EZH2 in orchestrating candida albicans regulated signaling networks in BMP pathway	DBT-R&D	Kithiganahalli,B.N., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	67.61	36
643	Role of Myocyte Enhancer Factor 2C (MEF2C) in chronic Myeloid Leukemia	DBT-R&D	Chakraborty,S., Dr. (M) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekharpur Bhubaneswar - 751 023 Odisha	45.06	36
644	Role of umbilical cord mesenchymal stem cells transplantation in the prevention of preterm brain injury - A preclinical study	DBT-R&D	Abiramalatha,T., Dr. (M) Sri Ramachandra University No.1, Ramachandra Nagar, Porur Chennai - 600 116 Tamil Nadu	16.70	24
645	Role of Wnt5A signaling in bacterial infection	DBT-R&D	Sen,M., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	67.06	36
646	Scientific validation of ethno-medicinal plants for enteric infections, development of a formulation along with in-situ/ex-situ conservation of incorporated plants	DBT-R&D	Pal,A., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Near Kukrail Picnic Spot Lucknow - 226 015 Uttar Pradesh	32.48	36
647	Scientific validation of ethno-medicinal plants for enteric infections, development of a formulation along with in-situ/ex-situ conservation of incorporated plants	DBT-R&D	Kumar,A., Dr. (M) Mizoram University Aizawal - 796 004 Mizoram	32.48	36
648	Screening & functional characterization of novel genes associated with male fertility using CRISPR tools	DBT-R&D	Thangaraj,K., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	69.34	36
649	Screening lytic phages from diverse marine & aquatic niche for controlling bacterial pathogens associated with aquaculture & post-harvest fish quality	DBT-R&D	Rao,B.M.S., Dr. (M) ICAR-Central Institute of Fisheries Technology Matsyapuri Kochi - 682 029 Kerala	60.13	36
650	Screening of human brucellosis infection in northeast regions using point of care immunological & molecular tools	DBT-R&D	Bhan,S., Dr. (M) North-Eastern Hill University Umshing Mawkynroh Shillong - 793 022 Meghalaya	30.66	36
651	Screening of human brucellosis infection in northeast regions using point of care immunological & molecular tools	DBT-R&D	Kashyap,R.S., Dr. (M) Central India Institute of Medical Sciences 88/2, Bajaj Nagar, Dharmapeth Nagpur - 440 010 Maharashtra	30.66	36
652	Screening of phytochemical and bioactive compounds against human pathogenic bacteria from some selected indigenous medicinal plants of Arunachal Pradesh, India	DBT-R&D	Kumar,P., Dr. (M) North Eastern Regional Institute of Sciences & Technology Nirjoui - 791 109 Arunachal Pradesh	41.06	36
653	Screening of phytochemical and bioactive compounds against human pathogenic bacteria from some selected indigenous medicinal plants of Arunachal Pradesh, India	DBT-R&D	Chopra,S., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	41.06	36
654	Search for novel anti-platelet & anti-thrombin peptides from Indian viper venom (Daboia russelii): Purification, characterization & evaluation of its anti-thrombotic potential	DBT-R&D	Doley,R., Dr. (M) Tezpur University Tezpur - 784 028 Assam	30.40	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
655	Search for novel anti-platelet & anti-thrombin peptides from Indian viper venom (<i>Daboia russelii</i>): Purification, characterization & evaluation of its anti-thrombotic potential	DBT-R&D	Ashraf,M.Z., Prof. (M) Jamia Millia Islamia Jamia Nagar, Okhla New Delhi - 110 025 Delhi	30.40	36
656	Seroepidemiological study of rickettsia & scrub typhus among patients with acute febrile illness & molecular detection by real time PCR	DBT-R&D	Majumdar,T., Dr. (M) Agartala Government Medical College 79 Tilla Agartala - 799 006 Tripura	23.29	36
657	Seroepidemiological study of rickettsia & scrub typhus among patients with acute febrile illness & molecular detection by real time PCR	DBT-R&D	Chaudhry,R., Prof. (M) All India Institute of Medical Sciences Ansari Nagar East New Delhi - 110 029 Delhi	23.29	36
658	Seroepidemiological study of rickettsia & scrub typhus among patients with acute febrile illness & molecular detection by real time PCR	DBT-R&D	Raja,D., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	23.29	36
659	Setting up of Rural Biotech Innovation & Application Centre (RBIAC) in Kandi area of Punjab	DBT-R&D	Sharma,T.R., Dr. (M) Centre of Innovative Applied Bio Processing Sector 81, (Knowledge City), S.A.S. Nagar Mohali - 140 306 Punjab	55.21	36
660	Setting up of Rural Biotech Innovation & Application Centre (RBIAC) in Kandi area of Punjab	DBT-R&D	Bakshi,D.K., Dr. (F) Punjab State Council for Science & Technology MGSIPA Complex, Sector-26 Chandigarh - 160 019 Chandigarh	55.21	36
661	Setting up of Rural Biotech Innovation & Application Centre (RBIAC) in Kandi area of Punjab	DBT-R&D	Arora,J.K., Dr. (F) Punjab State Council for Science & Technology MGSIPA Complex, Sector-26 Chandigarh - 160 019 Chandigarh	55.21	36
662	Skill building in Nutrition Sensitive Agriculture (NSA) for empowerment of rural women	DBT-R&D	Sangeetha,V., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	54.61	36
663	Socio-economic upliftment of rural weaker section (SC/ST) by scientific interventions & amelioration of production diseases in dairy animals	DBT-R&D	Sharma,N., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Jammu - 180 009 Jammu & Kashmir	40.63	36
664	Species identification of wild herbivores based on molecular, microscopic & ultrastructural characterization of hair samples	DBT-R&D	Sarma,M., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	36.05	36
665	Species identification of wild herbivores based on molecular, microscopic & ultrastructural characterization of hair samples	DBT-R&D	Jadav,K.K., Dr. (M) Nanaji Deshmukh Veterinary Science University Indira Gandhi Marg Jabalpur - 482 001 Madhya Pradesh	36.05	36
666	Spectrum of molecular biomarkers in Intraductal proliferative lesions of breast	DBT-R&D	Sherpa,M., Dr. (F) Sikkim Manipal University Sikkim Manipal Institute of Medical Sciences & Central Referral Hospital Gangtok - 737 102 Sikkim	20.66	24
667	Spectrum of molecular biomarkers in intraductal proliferative lesions of breast	DBT-R&D	Josi,D., Dr. (F) All India Institute of Medical Sciences Habib Ganj Bhopal - 462 020 Madhya Pradesh	20.66	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
668	Sputum lipidomics: Identification of Mycobacterium Tuberculosis specific lipid markers for Pulmonary Tuberculosis diagnostic development	DBT-R&D	Das,A., Dr. (M) Agartala Government Medical College Agartala - 799 001 Tripura	38.94	36
669	Strengthening women managed backyard poultry production system in two tribal districts of Odisha	DBT-R&D	Samal,L., Dr. (F) College of Veterinary Sciences & Animal Husbandary P.O. Surya Nagar Bhubaneswar - 751 003 Odisha	32.65	36
670	Structural & conformational characterization of Small Ubiquitin like Modifier (SUMO) proteins in search of new SUMO interaction motifs	DBT-R&D	Mithu,V.S., Dr. (M) Guru Nanak Dev University UT Market Grand Trunk Road Amritsar - 143 005 Punjab	57.64	36
671	Structural & functional studies on RhoGEFduo, a guanine nucleotide exchange factor for Rho GTPases from the enteric pathogen entamoeba histolytica	DBT-R&D	Datta,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	63.01	36
672	Structural, functional studies & inhibitor screening of PLP kinase from Entamoeba histolytica: A crucial kinase for its survival	DBT-R&D	Gourinath,S., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	85.32	36
673	Structure-function studies on type III secretion system pilus proteins of plant pathogenic bacteria	DBT-R&D	Karthe,P., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	30.06	36
674	Studies on Poly-?-Polyglutamic Acid (PGA) - producing Bacillus spp. from naturally fermented soybean foods of north east India & structural characterization & digestive stability of PGA	DBT-R&D	Pullakhandam,R., Dr. (M) ICMR-National Institute of Nutrition Jamai-Osmania Hyderabad - 500 007 Telangana	34.73	36
675	Studies on Poly-?-Polyglutamic Acid (PGA) - producing bacillus spp. From naturally fermented soybean foods of north east India & structural characterization & digestive stability of PGA	DBT-R&D	Tamang,J.P., Prof. (M) Sikkim University Tadong Gangtok - 737 102 Sikkim	34.73	36
676	Studies on the anti-cancer potential of venom proteins from jellyfish species & their structural characterization	DBT-R&D	Kasivelu,G., Dr. (M) Sathyabama University Sholingonallur Chennai - 600 119 Tamil Nadu	28.32	36
677	Studies on the prognostic value of alterations in Thyroid hormones with management of acute coronary syndrome at Tertiary Healthcare Centres	DBT-R&D	Kaul,U., Prof. (M) Amity Institute of Public Health Room No. 214, J-1 Block, Sector 125 Noida - 201 303 Uttar Pradesh	19.88	36
678	Studies on the prognostic value of alterations in Thyroid hormones with management of acute coronary syndrome at Tertiary Healthcare Centres	DBT-R&D	Janardhanan,R., Prof. (M) Amity Institute of Public Health Room No. 214, J-1 Block, Sector 125 Noida - 201 303 Uttar Pradesh	19.88	36
679	Studies on the prognostic value of alterations in Thyroid hormones with management of acute coronary syndrome at Tertiary Healthcare Centres	DBT-R&D	Thangjam,R.S., Prof. (M) Jawaharlal Nehru Institute of Medical Sciences Porompet Imphal - 795 001 Manipur	19.88	36
680	Study of clinical & genetic predictors of prognosis in Myelodysplastic syndromes	DBT-R&D	Rao,V.B., Dr. (M) ICMR-National Institute of Immunohaematology 13th Floor, KEM Hospital Campus Road Mumbai - 400 012 Maharashtra	61.85	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
681	Study of water-soluble (C70- & C60-) - fullerene - prophyrin dyads as inhibitors of Human Immunodeficiency Virus (HIV): Synthesis, characterization & anti-HIV activity	DBT-R&D	Gaur,R., Dr. (F) South Asian University Chankyapuri New Delhi - 110 021 Delhi	40.00	36
682	Study of water-soluble (C70- & C60-) - fullerene - prophyrin dyads as inhibitors of Human Immunodeficiency Virus (HIV): Synthesis, characterization & anti-HIV activity	DBT-R&D	Sengupta,D., Dr. (M) Central University of Assam Silchar - 788 011 Assam	40.00	36
683	Study on the changes in microbial community structure & function in organic farming vs conventional farming	DBT-R&D	Sharma,S., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	35.78	36
684	Study on the changes in microbial community structure & function in organic farming vs conventional farming	DBT-R&D	Choudhary,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	35.78	36
685	Study the virome, RNAome & leaf curl disease manifestation in Bhut jolokia (C. Chinese) & C. frutescens of north east India	DBT-R&D	Borah,B.K., Dr. (M) Assam Agricultural University Barbhet Jorhat - 785 013 Assam	56.19	36
686	Study the virome, RNAome & leaf curl disease manifestation in Bhut jolokia (C. Chinese) & C. frutescens of north east India	DBT-R&D	Ramchiary,N., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	56.19	36
687	Studying the rigidity of RBCs induced by plasmodium falciparum infection using optical tweezers	DBT-R&D	Natarajan,V., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	67.57	36
688	Surface engineered silver (Ag) nano particles & peptide conjugate for angiogenesis based animal wound management	DBT-R&D	Yadav,H.N., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	43.68	36
689	Surface engineered silver (Ag) nano particles & peptide conjugate for angiogenesis based animal wound management	DBT-R&D	Rao,Y.S., Dr. (F) Akhil Bhartiya Gramin Vikas Sanstha Sokhana, Via Hathras Aligarh - 204 101 Uttar Pradesh	43.68	36
690	Survey on earthworm resource in organic wastes, forests, agro-ecosystems & their role in waste management & nutrient dynamics in northeast India (Tripura, Nagaland & Uttarakahnd)	DBT-R&D	Bisht,S.S., Prof. (M) Mizoram University Tlangnuam Aizawal - 796 004 Mizoram	32.43	36
691	Survey on earthworm resource in organic wastes, forests, agro-ecosystems & their role in waste management & nutrient dynamics in northeast India (Tripura, Nagaland & Uttarakahnd)	DBT-R&D	Kakati,L.N., Dr. (M) Nagaland University Kohima - 797 004 Nagaland	32.43	36
692	Survey on earthworm resource in organic wastes, forests, agro-ecosystems & their role in waste management & nutrient dynamics in northeast India (Tripura, Nagaland) & Uttarakahnd	DBT-R&D	Chaudhuri,P., Prof. (M) Tripura University Agartala - 799 022 Tripura	32.43	36
693	Survey, identification & characterization of unique ginger & turmeric landraces endemic to North Eastern Region (NER) of India	DBT-R&D	Duraisamy,P., Dr. (M) ICAR-Indian Institute of Spices Research Parambil Bazar Road, Vellimadukunnu Kozhikode - 673 012 Kerala	43.58	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
694	Survey, identification & characterization of unique ginger & turmeric landraces endemic to North Eastern Region (NER) of India	DBT-R&D	Maiti,C.S., Dr. (F) Nagaland University Kohima - 797 004 Nagaland	43.58	36
695	Sustainable livelihood promotion through Integrated Farming System (IFS) in Schedule Tribal (ST) dominated areas of central Brahmaputra valley, Assam	DBT-R&D	Baro,S., Dr. (F) Solmari Hindi Vidhyapeeth & Welfare Society Vill & P.O. Solmari, Via Haibargaon Nagaon - 782 002 Assam	24.19	36
696	Sustainable livelihood promotion through Integrated Farming System (IFS) in Schedule Tribal (ST) dominated areas of central Brahmaputra valley, Assam	DBT-R&D	Phukan,B., Mr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	24.19	36
697	Synergistic effects of cowpea isoflavones, beta-carotene & Vitamin D on the osteoblast differentiation	DBT-R&D	Suresh,C., Dr. (M) ICMR-National Institute of Nutrition Tarnaka Hyderabad - 500 007 Telangana	32.76	36
698	Synergistic effects of cowpea isoflavones, beta-carotene & Vitamin D on the osteoblast differentiation	DBT-R&D	Lalhrauitluanga,H., Dr. (M) Mizoram University Tlangnuam Aizawal - 796 004 Mizoram	32.76	36
699	Synthesis & biological evaluation of dysideanone & its synthetic analogs for the development of potent & selective anti-oral-cancer agents	DBT-R&D	Jana,C.K., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	36.73	36
700	Synthesis & biological evaluation of dysideanone & its synthetic analogs for the development of potent & selective anti-oral-cancer agents	DBT-R&D	Kumar,R.S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	36.73	36
701	Synthetic biology approach for producing artemisinin in edible plant & effective Malaria treatment by oral delivery of plant cells	DBT-R&D	Kumar,S., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	81.17	36
702	Systematic & scientific investigation of selected medicinal plants from north eastern part of India for Rheumatoid Arthritis & derivation of mechanism of action using bioguided fractionation methods besides identification & characterization of lead ..	DBT-R&D	Chamundeeswari,D., Prof. (F) Sri Ramachandra University No. 1, Ramachandra Nagar, Porur Chennai - 600 116 Tamil Nadu	40.45	36
703	Systematic & scientific investigation of selected medicinal plants from north eastern part of India for Rheumatoid Arthritis & derivation of mechanism of action using bioguided fractionation methods besides identification & characterization of lead ..	DBT-R&D	Murty,U.S.N., Dr. (M) National Institute of Pharmaceutical Education & Research Mirza Road, Parlli Part Guwahati - 781 125 Assam	40.45	36
704	Systematic editing of the Drosophila genome by CRISPR/ Cas9 to uncover biological roles for Sumoylation in the immune response	DBT-R&D	Ratnaparkhi,G.S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	77.70	36
705	Targeted drug delivery of methotrexata/gallic acid-folate conjugated Poly L-Lysine nanoparticles	DBT-R&D	Mishra,A., Dr. (F) Indian Institute of Technology (BHU) Banaras Hindu University Campus Varanasi - 221 005 Uttar Pradesh	34.61	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
706	Targeted genome editing of calcium signaling components to develop stress tolerant rice	DBT-R&D	Pandey,G.K., Prof. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	65.16	36
707	Targeting endothelin-1 mitigate the risk of Nitrofibrinogen-governed TE induced by cisplatin chemotherapy	DBT-R&D	Guha,G., Dr. (F) SASTRA University Trichy-Tanjore Road, Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	49.90	36
708	Targeting the age related macular degeneration through nanoformulation of antioxidants	DBT-R&D	Shashank,D., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	59.08	36
709	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Pal,P.K., Prof. (M) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off. Housur Road Bengaluru - 560 029 Karnataka	47.95	36
710	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Rajan,R., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	47.95	36
711	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Pandey,A., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off. Housur Road Bengaluru - 560 029 Karnataka	47.95	36
712	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Phadke,S.R., Prof. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	47.95	36
713	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Pandey,S., Prof. (M) G.B. Pant Hospital Jawaharlal Nehru Marg, 64, Khamba New Delhi - 110 002 Delhi	47.95	36
714	The Indian movement disorder registry & biobank: Clinical & genetic evaluation of movement disorders in Indian patients	DBT-R&D	Thelma,B.K., Prof. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	47.95	36
715	The study of carbonylate proteins & the effects of supplementation of enzymes associated in repair of oxidatively damaged proteins on the cryopreserved buffalo (Bubalus bubalis) semen	DBT-R&D	Bhure,S.K., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	47.61	36
716	To evaluate the effectiveness of Foamy virus mediated gene delivery & strategies to induce transgene tolerance in a mouse model of Haemophilia A	DBT-R&D	Perumal,N., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	32.64	36
717	To evaluate the effectiveness of Foamy virus mediated gene delivery & strategies to induce transgene tolerance in a mouse model of Haemophilia A	DBT-R&D	Girija,S.M., Dr. (M) Institute of Liver & Biliary Sciences D-1, Vasant Kunj New Delhi - 110 070 Delhi	32.64	36
718	To study the effectiveness of repetitive Transcranial Magnetic Stimulation (rTMS) on Activities of daily living, Behavioral & Cognitive ability (A-B-C) of Parkinson disease patients	DBT-R&D	Srivastava,A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	29.52	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
719	To study the effectiveness of repetitive Transcranial Magnetic Stimulation (rTMS) on Activities of daily living, Behavioral & Cognitive ability (A-B-C) of Parkinson disease patients	DBT-R&D	Nehra,A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	29.52	36
720	To study the nuclear role of WASp protein in non-erythroid blood cell compartments of patients with Wiskott Aldrich syndrome	DBT-R&D	Suri,D., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	49.27	36
721	Toxoplasma gondii: Seroprevalence, associated risk factors, genotyping & pregnancy outcome in tea tribe population of Assam	DBT-R&D	Singh,S., Dr. (M) All India Institute of Medical Sciences Saket Nagar, Huzur Bhopal - 462 020 Madhya Pradesh	27.24	36
722	Toxoplasma gondii: Seroprevalence, associated risk factors, genotyping & pregnancy outcome in tea tribe population of Assam	DBT-R&D	Khan,A.M., Dr. (M) ICMR-Regional Medical Research Centre N.E. Region, Post Box No. 105 Dibrugarh - 786 001 Assam	27.24	36
723	Transcriptome analysis & characterization of key metabolic & hormone signaling pathway genes in Piper nigrum in response to defense elicitors	DBT-R&D	Sowdhamini,R., Prof. (M) National Centre for Biological Sciences Bellary Road Bengaluru - 560 065 Karnataka	29.48	36
724	Transcriptome analysis & characterization of key metabolic & hormone signaling pathway genes in Piper nigrum in response to defense elicitors	DBT-R&D	Sakuntala,M., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycud Thiruvananthapuram - 695 014 Kerala	29.48	36
725	Transcriptome analysis & gene expression studies to elucidate heterogeneous individual growth in macrobrachium rosenbergii for ensuring sustainable aquaculture production	DBT-R&D	Ranjeet,K., Dr. (M) Kerala University of Fisheries & Ocean Studies Panangad Kochi - 682 506 Kerala	39.43	36
726	Treatment of dumpsite leachate by indigenous microflora	DBT-R&D	Jain,R., Dr. (F) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	23.29	24
727	Tumor specific inhibition of NF-kB: A potential gene therapy approach for treating Glioblastoma	DBT-R&D	Sen,D., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	42.88	36
728	Understanding adaptive plant-pollinator networks among the understory perennial gingers (family Zingiberaceae) using a field & molecular ecology approach	DBT-R&D	Gowda,V., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	34.51	36
729	Understanding adaptive plant-pollinator networks among the understory perennial gingers (family Zingiberaceae) using a field & molecular ecology approach	DBT-R&D	Hiese,N., Dr. (M) Nagaland Science & Technology Council Department of Science & Technology Complex Kohima - 790 001 Nagaland	34.51	36
730	Understanding diversification of impatiens species in the northern western ghats	DBT-R&D	Barua,D., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	27.23	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
731	Understanding diversification of impatiens species in the northern western ghats	DBT-R&D	Kodandaramaiah,U., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Manvila, Sreekariyam-Kazhakkuttam Road, Ambady Nagar Thiruvananthapuram - 695 016 Kerala	27.23	36
732	Understanding mechanisms regulating energy metabolism in stem cells during mesodermal lineage specification & differentiation	DBT-R&D	Inamdar,M.S., Prof. (F) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	79.45	36
733	Understanding mechanistic detail of growth promotion & stress tolerance in legume crop by fungal endophyte through secretome & metabolomics study	DBT-R&D	Saha,A.K., Prof. (M) Tripura University Agartala - 799 022 Tripura	35.83	36
734	Understanding mechanistic detail of growth promotion & stress tolerance in legume crop by fungal endophyte through secretome & metabolomics study	DBT-R&D	Chakraborty,S., Prof. (F) National Institute of Plant Genome Research Post Box No. 10531, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	35.83	36
735	Understanding molecular mechanism of calcium signaling in Neurospora crassa	DBT-R&D	Deshmukh,M.V., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	42.27	36
736	Understanding molecular mechanism of calcium signaling in Neurospora crassa	DBT-R&D	Tamuli,R., Prof. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	42.27	36
737	Understanding PTI & ETI in plant-hemibiotrophic fungal interaction through secretome & interaction proteomics studies	DBT-R&D	Chakraborty,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	45.92	36
738	Understanding the aetiology of infertility associated with prolonged follicle dominance in bovine & its therapeutic management	DBT-R&D	Kumaresan,A., Dr. (M) ICAR-National Dairy Research Institute 358, 1 Hosur Road, Ayappa Garden, Adugodi Bengaluru - 560 030 Karnataka	37.41	36
739	Understanding the aetiology of infertility associated with prolonged follicle dominance in bovine & its therapeutic management	DBT-R&D	Bhuyan,M., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	37.41	36
740	Understanding the bio-systematics & biodiversity of pitcher-fluids in Nepenthes-khasian from Meghalaya: A next generation genomics & proteomics approach	DBT-R&D	Biswal,D.K., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	58.50	36
741	Understanding the bio-systematics & biodiversity of pitcher-fluids in Nepenthes-khasian from Meghalaya: A next generation genomics & proteomics approach	DBT-R&D	Dash,D., Prof. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	58.50	36
742	Understanding the molecular mechanism of defense in pigeon pea (Cajanus cajan) due to infestation by Helicoverpa armigera	DBT-R&D	Easwaran,K., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	25.72	36
743	Understanding the molecular mechanism of defense in pigeon pea (Cajanus cajan) due to infestation by Helicoverpa armigera	DBT-R&D	Lata,C., Dr. (F) CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	25.72	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
744	Understanding the molecular mechanism of defense in Pigeon pea (<i>Cajanus cajan</i>) due to infestation by <i>Helicoverpa armigera</i>	DBT-R&D	Acharjee,S., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	25.72	36
745	Understanding the origins of dynamic allostery through a structural perturbation approach	DBT-R&D	Naganathan,A.N., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	18.11	36
746	Understanding the origins of dynamic allostery through a structural perturbation approach	DBT-R&D	Raman,K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	18.11	36
747	Understanding the physiological role of Raf kinase inhibitor protein in the Malaria parasite, <i>plasmodium falciparum</i>	DBT-R&D	Bansal,A., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	59.31	36
748	Understanding the role of adipose tissue remodelling in exercise induced Insuline sensitivity	DBT-R&D	Pal,D., Dr. (F) Indian Institute of Technology (Ropar) Nangal Road, Hussainpur, Rupnagar Ropar - 140 001 Punjab	37.35	36
749	Understanding the role of adipose tissue remodelling in exercise induced Insuline sensitivity	DBT-R&D	Dasgupta,S., Dr. (F) Tezpur University Napam Tezpur - 784 028 Assam	37.35	36
750	Understanding the role of immune response in inhibitor development to Factor VIII treatment in Haemophilia A	DBT-R&D	Ross,C.R., Dr. (M) St. John's Medical College & Hospital Koramangala Bengaluru - 560 001 Karnataka	50.50	36
751	Upliftment of marginal basmati growers through System of Rice Intensification (SRI) in Jammu region	DBT-R&D	Saha,A., Dr. (F) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Jammu - 180 009 Jammu & Kashmir	37.66	36
752	Usage of CRISPR-generated isogenic model systems to identify & validate small molecules which can reverse drug resistance	DBT-R&D	Sengupta,S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	86.80	36
753	Use of CRISPR-Cas9 to control chilli leaf curl virus associated with murda complex disease	DBT-R&D	Bagewadi,B., Dr. (M) Agricultural Sciences University Dharwad - 580 005 Karnataka	33.89	36
754	Use of DNazymes to improve CRISPR-mediated knock-in	DBT-R&D	Chatti,K., Dr. (M) Dr. Reddy Institute of Life Sciences Gachibowli Hyderabad - 500 009 Telangana	60.34	36
755	Using next generation genome editing tool CRISPR/ Cas9 in <i>caenorhabditis elegans</i> to understand the molecular link of ..	DBT-R&D	Mukhopadhyay,A., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	74.00	36
756	Utilization of banana bunch stem from municipal waste for the production of animal feed	DBT-R&D	Appaiah,A., Dr. (F) CSIR-Central Food Technological Research Institute Cheluvamba Mansion, Valmiki Road, Kajjihundi Mysore - 570 020 Karnataka	29.10	24
757	Validation of the effects of functional genetic variations in chromogranin A locus	DBT-R&D	Mahapatra,N.R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	69.60	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
758	Value chain on processing of novel duck meat & egg products under existing farming system of NER for entrepreneurship development	DBT-R&D	Sasikumar,R., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	40.48	36
759	Value chain on processing of novel duck meat & egg products under existing farming system of NER for entrepreneurship development	DBT-R&D	Hazarika,M., Dr. (M) College of Veterinary Science Tirupati Chittoor - 517 501 Andhra Pradesh	40.48	36
760	Value chain on processing of novel duck meat & egg products under existing farming system of NER for entrepreneurship development	DBT-R&D	Doley,S., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Barapani - 793 103 Meghalaya	40.48	36
761	Whitefly (Bemisia tabaci) in north eastern India: Diversity, factors of virus transmission & natural inhibitor	DBT-R&D	Ghosh,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	34.07	36
762	Whitefly (Bemisia tabaci) in north eastern India: Diversity, factors of virus transmission & natural inhibitor	DBT-R&D	Panda,S.K., Prof. (M) Assam University Silchar - 788 011 Assam	34.07	36
763	Whitefly (Bemisia tabaci) in north eastern India: Diversity, factors of virus transmission & natural inhibitor	DBT-R&D	Tanti,B., Dr. (M) Gauhati University Kamrup Guwahati - 781 014 Assam	34.07	36
764	Whole genome & transcriptome changes as a consequence of allo & auto-polyploidy in Vigna L., Phase II	DBT-R&D	Agarwal,S.K., Dr. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	35.68	36
765	Whole genome & transcriptome changes as a consequence of allo & auto-polyploidy in Vigna L., Phase II	DBT-R&D	Goel,S., Prof. (M) Delhi University Delhi - 110 007 Delhi	35.68	36
766	Whole genome & transcriptome changes as a consequence of allo & auto-polyploidy in Vigna L., Phase II	DBT-R&D	Rao,S.R., Prof. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	35.68	36
767	Bioenhancer peptide(s): Structure function relationship & bioavailability of micronutrients in foods	DRDO-LSRB	Latha,B.V., Dr. (F) Assistant Professor J.S.S. College of Arts, Commerce & Science B.N. Road Mysore - 570 025 Karnataka	32.39	36
768	Comparison & evaluation of engine emission including nano particle emission, performance, noise & wear of diesel & elegi/jatropha/karanja biodiesel using nano particle fuel additive in a 160 hp military transport vehicle turbo charged CIDI engine	DRDO-LSRB	Pandey,A.K., Dr. (F) Col. Symbiosis Institute of Technology SIT Lavale Hill Base Campus, Lavale Pune - 412 115 Maharashtra	16.24	24
769	Development & in-vitro testing of a portable electronic sensor platform for the specific detection of multiple biological pathogens by coupling microfluidics with on-chip PCR & MEA	DRDO-LSRB	Bhattacharya,J., Dr. (M) Assistant Professor Jawaharlal Nehru University School of Biotechnology New Delhi - 110 067 Delhi	46.23	36
770	Process development for enzymatic synthesis of l-theanine, a nutraceutical using gamma-glutamyl transpeptidase from bacillus licheniformis	DRDO-LSRB	Gupta,R., Prof. (F) Delhi University Department of Microbiology, Benito Juarez Marg New Delhi - 110 021 Delhi	33.14	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
771	Development of new approaches to overcome MBL-related resistance in bacteria	DST-IMRC	Haldar,J., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachanahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	39.93	36
772	Development of the dual inhibitors targeting Wnt signalling as Colorectal Cancer therapeutics	DST-IMRC	Ahmed,K., Dr. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	49.49	36
773	A compositional, structural and mechanical study to evaluate the effect of Mg2+ on the formation of pseudomonas aeruginosa biofilm	DST-SERB-CRG	Kannan,A., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	23.83	36
774	A genetic screen for the identification and characterization of genes that affect NADPH homeostasis in yeast	DST-SERB-CRG	Bachhawat,A.K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	54.37	36
775	A genetic screen for the prevalence of paramyxoviridae in volant and non-volant mammals of south India	DST-SERB-CRG	Doss,P.S., Dr. (M) St. John's College Water Tank Road, Palayamkottai Tirunelveli - 627 002 Tamil Nadu	30.24	36
776	A holistic study on comparative nematode diversity in natural and disturbed habitats	DST-SERB-CRG	Tahseen,Q., Dr. (F) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	78.62	36
777	A multitarget approach to suppress obesity through a novel herbal formulation made of diallyl sulphide: In-vitro and in-vivo study	DST-SERB-CRG	Balaji,M., Dr. (M) Sri Venkateswara University NH 205 Tirupati - 517 502 Andhra Pradesh	48.42	36
778	A role for DNA methylation in Mild Traumatic Brain Injury (MTBI)-induced mitochondrial dysfunction in hippocampus	DST-SERB-CRG	Sakharkar,A.J., Dr. (M) Pune University Pune - 411 007 Maharashtra	64.70	36
779	A systematic screen of functional genomics and epigenetic interventions towards identification of novel modulators of Amyloid beta effects in a Transgenic C. elegans model of Alzheimer's disease	DST-SERB-CRG	Nazir,A., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	18.90	36
780	A way forward to developing Aphid-resistance in Indian Mustard (Brassica juncea): Host- and virus-mediated gene silencing of parthenogenetic genes in mustard aphid	DST-SERB-CRG	Bhattacharya,R., Dr. (M) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	38.46	36
781	A zebrafish model for VHL and hypoxia signaling in tumorigenesis	DST-SERB-CRG	Santhakumar,K., Dr. (M) S.R.M. University Potheri, Kancheepuram Kattankulathur - 603 203 Tamil Nadu	45.05	36
782	Alternate splicing in clinical drug resistance in pathogenic candida	DST-SERB-CRG	Prasad,R., Dr. (M) Amity University Amity Education Valley, Panchgaon, Manesar Gurgaon - 122 413 Haryana	24.70	36
783	Amino acid requirements in the sexual and liver stages of Malaria parasite - An immutable and versatile target for Malaria transmission	DST-SERB-CRG	Nagaraj,V.A., Dr. (M) Institute of Life Sciences Nalco Nagar, Chandrasekharpur Bhubaneswar - 751 023 Odisha	27.54	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
784	An integrated framework for exploring the water saving mechanism in Pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.]: An important cereal crop of semi-arid tropics	DST-SERB-CRG	Reddy,P.S., Dr. (M) International Crops Research Institute for the Semi-Arid Tropics Patancheru Hyderabad - 502 324 Telangana	32.58	36
785	Analysis of host responses to foot-and-mouth disease virus infection in indigenous and crossbred cattle by transcriptome profiling	DST-SERB-CRG	Basagoudanavar,S.H., Dr. (M) ICAR-Indian Veterinary Research Institute Hebbal Bengaluru - 560 024 Karnataka	47.08	36
786	Analyzing the regulation of tapetum specific TA29 promoter from <i>Nicotiana tabacum</i>	DST-SERB-CRG	Burma,P.K., Dr. (M) Delhi University New Delhi - 110 021 Delhi	39.54	36
787	Assessing the status of critically endangered Gyps vultures through a genomic lens: Understanding their population dynamics and recent evolution for conservation planning	DST-SERB-CRG	Ramakrishnan,U., Dr. (F) National Centre for Biological Sciences Tata Institute of Fundamental Research, Bellary Road Bengaluru - 560 065 Karnataka	48.27	36
788	Assessment of population status, distribution and movement patterns of the threatened great Indian bustard (<i>Ardeotis nigriceps</i>) in the thar desert of Rajasthan, India	DST-SERB-CRG	Gehlot,H.S., Dr. (M) Jai Narain Vyas University Bhagat Ki Kothi, Pali Road Jodhpur - 342 011 Rajasthan	26.15	36
789	Bacterial RNAP sigma factor: Structure, function and its interaction with in Group A streptococcus	DST-SERB-CRG	Rahunathan,P., Dr. (F) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	26.68	36
790	Baicalein inhibits Tau polymerization by inducing and Sequestering oligomerization	DST-SERB-CRG	Chinnathambi,S., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	22.14	36
791	Behaviour and reproductive success of male Asian elephants in the Kabini elephant population, southern India	DST-SERB-CRG	Vidya,T.N.C., Dr. (F) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	49.55	36
792	Biochemical characterization of prokaryotic flagellin glycosyltransferases	DST-SERB-CRG	Chakravarthy,R.T.N., Dr. (F) CSIR-Institute of Microbial Technology Sector 39 A Chandigarh - 160 036 Chandigarh	24.27	36
793	Biogeography of eastern borderland in India: Evidence from ectotherms	DST-SERB-CRG	Das,A., Dr. (M) Wildlife Institute of India Post Box - 18, Chandrabani Dehradun - 248 001 Uttarakhand	42.46	36
794	Biogeography, systematics and molecular characterization of White grub Fauna (Coleoptera: Scarabaeidae) of south India	DST-SERB-CRG	Kolla,S., Dr. (F) ICAR-National Bureau of Agricultural Insects Resources P B. No. 2491, H A Farm, Post Bellary Road Bengaluru - 560 024 Karnataka	33.32	36
795	Biological traits of Asian genetic groups of Whitefly, <i>Bemisia tabaci</i> vis a vis endosymbionts and endophytes	DST-SERB-CRG	Sabtharishi,S., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	34.93	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
796	Bio-rational interventions through entomopathogenic nematodes to manage Ash weevil (<i>Myllocerus</i> spp.) menace in brinjal (<i>Solanum melongena</i> L.)	DST-SERB-CRG	Umamaheswari,R., Dr. (M) ICAR-Indian Institute of Horticultural Research Hessaraghatta Lake Post Bengaluru - 560 089 Karnataka	19.19	36
797	Biosystematic studies on the Eulophid (Hymenoptera: Chalcidoidea) parasitoids of southern western ghats	DST-SERB-CRG	Shreevihar,S., Dr. (M) Malabar Christian College Wayanad Road Kozhikode - 673 001 Kerala	54.95	36
798	Bridging gaps in effectiveness of antivenom and accessibility of snake bite treatment in India	DST-SERB-CRG	Vasudevan,K., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	42.30	36
799	Cancer systems biology of novel stage-specific biomarkers	DST-SERB-CRG	Palaniappan,A., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	17.32	36
800	Castrating parasites of fin and shell fishes of Bay of Bengal: Epidemiology, morbidity and effect on host fecundity	DST-SERB-CRG	Gopalakrishnan,A., Dr. (M) Annamalai University Faculty of Marine Sciences, CAS in Marine Biology, Parangipettai Cuddalore - 608 502 Tamil Nadu	31.68	36
801	Characterization of a cyclin-dependent kinase that interacts with the insulin signaling pathway to regulate germ cell maturation, stress response and aging	DST-SERB-CRG	Mukhopadhyay,A., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	50.31	36
802	Characterization of complete mitochondrial genome sequence of superfamily noctuoidea (Insecta: Lepidoptera) moths and its deep level phylogenetic evolutionary relationships	DST-SERB-CRG	Kuppusamy,S., Dr. (M) Loyola College Entomology Research Institute, Sterling Road, Nungambakkam Chennai - 600 034 Tamil Nadu	39.71	36
803	Characterization of GABA-transaminase gene promoter for regulatory mechanism during rice leaf senescence process	DST-SERB-CRG	Ansari,M.I., Dr. (M) Lucknow University Babuganj, Hasanganj Lucknow - 226 007 Uttar Pradesh	31.02	36
804	Characterization of novel variant human embryonic stem cells with features of neoplastic progression	DST-SERB-CRG	Deshpande,S.R., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bellary Road	68.02	36
805	Characterization of strong culm Samba mahsuri mutants and identification of candidate gene associated with strong culm	DST-SERB-CRG	Madhav,M.S., Dr. (F) ICAR-Indian Institute of Rice Research Rajendranagar Hyderabad - 500 030 Telangana	55.44	36
806	Characterizing cellular machineries during mitosis and pathogenesis in budding yeast	DST-SERB-CRG	Paul,R., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	31.30	36
807	Chemotyping and development of prediction model for optimization of drug yield in medicinally important <i>Bacopa monnieri</i> and <i>Asparagus racemosus</i>	DST-SERB-CRG	Nayak,S., Dr. (F) Siksha O Anusandhan University Khandagiri Square Bhubaneswar - 751 003 Odisha	30.44	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
808	Comparative analysis of the epigenetic landscape to heat stress adaptation in two contrasting tomato cultivars	DST-SERB-CRG	Mathur,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	41.96	36
809	Computational investigation on the membrane-induced self-assembly and aggregation of α -Synuclein	DST-SERB-CRG	Kumar,M.V., Dr. (M) Tezpur University District Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	44.78	36
810	Computational study of 3D organization of chromatin	DST-SERB-CRG	Padinhateeri,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	37.12	36
811	Conservation genetics and in vitro clonal multiplication of some rare and endangered medicinal plants of Manipur	DST-SERB-CRG	Nongdam,P., Dr. (M) Manipur University National Highway 39 Imphal - 795 003 Manipur	34.65	36
812	CRISPR-Cas9 based genome editing of multiple negative regulators for blast resistance in rice	DST-SERB-CRG	Solanke,A.U., Dr. (M) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	31.93	36
813	Cultured allogenic mesenchymal stem cell application in selected veterinary clinical disorders vis-à-vis preclinical studies in artificially induced lab animal models	DST-SERB-CRG	Gugjoo,M.B., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus Post Box 262 Srinagar - 191 121 Jammu & Kashmir	48.10	36
814	Cuticle soft or hard: How do insects balance water?	DST-SERB-CRG	Rajpurohit,S., Dr. (M) Ahmedabad University A.E.S. Bungalow #2, Navrangpura Ahmedabad - 380 009 Gujarat	22.12	36
815	Deacetylation meets deadenylation in control of Tumor metastasis	DST-SERB-CRG	Manavathi,B., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	28.11	36
816	Deciphering cellular roles of non-canonical ubiquitination	DST-SERB-CRG	Subbareddy,M., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Bldg. 7, Gruhakalpa, 5-4-399/b, Nampally Hyderabad - 500 001 Telangana	24.30	36
817	Deciphering in planta secretome of Sporisorium scitamineum x sugarcane interaction	DST-SERB-CRG	Rameshsundar,A., Dr. (M) ICAR-Sugarcane Breeding Institute Veerakeralam Coimbatore - 641 007 Tamil Nadu	24.55	36
818	Deciphering MHC diversity and its functional significance in Indian camel breeds	DST-SERB-CRG	Prakash,V., Dr. (M) ICAR-National Research Centre on Camel Post Box - 07, Jorbeer Bikaner - 334 001 Rajasthan	47.72	36
819	Deciphering the biochemical and molecular response of Indica rice varieties to fluoride-mediated environmental stress and cloning of putative Fluoride Exporter (FEX) from rice for characterization	DST-SERB-CRG	Choudhury,A.R., Dr. (M) St. Xavier's College Park Street Kolkata - 700 016 West Bengal	36.04	36
820	Deciphering the role of Indian river linking project in shaping the phylogeography of aquatic systems	DST-SERB-CRG	Karanth,K.P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	42.51	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
821	Deciphering the role of mycobacterial error-prone polymerase DNAE2 in antibiotic persistence and conferring adaptation to stress during biofilm formation	DST-SERB-CRG	Kurthkoti,K., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	39.50	36
822	Deciphering the role PSP94 and CRISP family proteins in ion channel modulation	DST-SERB-CRG	Pathak,B.R., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	29.87	36
823	Deciphering the structural basis of pore formation by Pneumolysin (Ply) from a highly pathogenic serotype-1 Streptococcus Pneumoniae	DST-SERB-CRG	Bhaumik,P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	25.85	36
824	Deciphering the transcriptional regulator(s) of root Hydrotropism in wheat	DST-SERB-CRG	Dalal,M., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	40.70	36
825	Decision making in the context of relocation in an Indian ant: Small brains and big feats?	DST-SERB-CRG	Annagiri,S., Dr. (F) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	43.88	36
826	Declining atoll frameworks and global climate change: Unpacking ecological and anthropogenic factors influencing reef accretion and its implications for reef and island biosecurity	DST-SERB-CRG	Arthur,R., Dr. (M) Nature Conservation Foundation 3076/5, IV Cross, Gokulam Park Mysore - 570 002 Karnataka	38.03	36
827	Delimiting species boundaries in pest and vector Thrips (Thysanoptera: Thripidae) from India	DST-SERB-CRG	Kumar,V., Dr. (M) Zoological Survey of India M-block, New Alipur Kolkata - 700 053 West Bengal	39.93	36
828	Delineating a novel transcriptional regulatory role of APC/CCdc20 complex and its impact on chromosomal instability in Oral cancer	DST-SERB-CRG	Roychoudhury,S., Dr. (F) Saroj Gupta Cancer Centre & Research Institute Mahatma Gandhi Road, Thakurpukur Kolkata - 700 063 West Bengal	43.71	36
829	Delineation of Begomoviruses causing yellow mosaic disease in Bitter gourd (Momordica charantia) , mechanism of their transmission and management	DST-SERB-CRG	Renukadevi,P., Dr. (F) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	35.86	36
830	Design & screening of novel small molecules as potential inhibitors of the oncogenic signalling kinase PAK1 for Glioblastoma multiforme	DST-SERB-CRG	Venkatraman,G., Dr. (M) Sri Ramachandra University Sri Ramachandra Medical College & Research Institute, Mahalakshmi Nagar Chennai - 600 116 Tamil Nadu	25.85	36
831	Design synthesis and evaluation of novel hybrid incretins to Ameliorate type 2 Diabetes	DST-SERB-CRG	Mitra,P., Dr. (M) Dr. Reddy Institute of Life Sciences Hyderabad University, Gachibowli Hyderabad - 500 046 Telangana	48.98	36
832	Design, synthesis and evaluation of potential peptidomimic inhibitors for B-Secretase (BACE1) enzyme of neurodegenerative Alzheimer's disease	DST-SERB-CRG	Karuppiah,M.P.R., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	50.83	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
833	Detection and mapping of insecticide resistance in wild aedes population in upper Brahmaputra valley of Assam	DST-SERB-CRG	Bora,D., Dr. (F) Dibrugarh University Dibrugarh - 788 004 Assam	34.15	36
834	Determination of crystal structure, sub-cellular localization and understanding the solute specificity of moonlighting function of dehydroascorbate reductase ion channel from pearl millet	DST-SERB-CRG	Arulandu,A., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	30.70	36
835	Determining role of specialised ribosomes in yeast in discriminating translating pools of transcripts in a stress-dependent manner and its effect on phenotypic diversity and adaptation	DST-SERB-CRG	Sinha,H., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	31.29	36
836	Determining the effects of socio-ecological forces shaping Striped hyaena (Hyaena hyaena) population in the western ghats part of Tamil Nadu, southern India	DST-SERB-CRG	Tharmalingam,R., Dr. (M) Salim Ali Centre for Ornithology & Natural History Kalayampalayam Coimbatore - 641 010 Tamil Nadu	47.11	36
837	Determining whether ubiquitylation of proteins on mitochondrial outer membrane negatively controls their entry into the organelle	DST-SERB-CRG	Sengupta,S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	28.58	36
838	Development and characterization of Simple Sequence Repeat (SSR) markers in Clitoria ternatea (L.) and mapping of loci controlling taraxerol and delphinidin content	DST-SERB-CRG	Panigrahi,J., Dr. (M) Khallikote University Sundar Nagar Berhampur - 760 001 Odisha	36.60	36
839	Development and validation of signature peptide-proteome biomarkers for improved and precise detection of root wilt infection in coconut	DST-SERB-CRG	Babu,S., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	41.74	36
840	Development of a hybrid approach to predict tertiary structure of multi-domain proteins	DST-SERB-CRG	Pandit,S.B., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	15.85	36
841	Development of CRISPR/Cas system for generating efficient targeted gene knock outs in chilli pathogen colletotrichum truncatum	DST-SERB-CRG	Nandineni,M.R., Dr. (F) Centre for DNA Fingerprinting & Diagnostics Bldg. 7, Gruhakalpa, 5-4-399/b, Nampally Hyderabad - 500 001 Telangana	32.57	36
842	Development of diagnostic for detection of Sarocladium oryzae causing sheath rot in paddy using molecular markers and its eco-friendly management	DST-SERB-CRG	Kumar,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	27.18	36
843	Development of electro spun fibre nano-matrix to encapsulate beneficial microbes for smart delivery and sustainable productivity	DST-SERB-CRG	Sabarinathan,K.G., Dr. (M) Tamil Nadu Agricultural University Anbil Dharmalingam Agricultural College & Research Institute, Murthukulam, Navalurkottapattu Coimbatore - 641 003 Tamil Nadu	24.99	36
844	Development of enzyme based biosensors through sol-gel techniques for debittering of grape fruit and mosumbi juice	DST-SERB-CRG	Mishra,P., Dr. (F) Tezpur University District. Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	26.62	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
845	Development of Escherichia coli based heavy metal biosorbents by expressing a metal binding motif and evaluating its potential against tannery effluents through numerical modeling and experimental approaches	DST-SERB-CRG	Sudandiradoss,C., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	31.65	36
846	Development of gene knock out chicken by genome editing with CRISPR/ Cas for augmentation of productivity in poultry	DST-SERB-CRG	Bhattacharya,T.K., Dr. (M) ICAR-Project Directorate on Poultry Pillar No. 216, Dairy Farm Chowrastha, Rajendra Nagar Hyderabad - 500 030 Telangana	55.54	36
847	Development of glasses as plant nutrients	DST-SERB-CRG	Pyare,R., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	42.06	36
848	Development of interactive device for quality evaluation of selected Indian spices using computational techniques	DST-SERB-CRG	Baldi,A., Dr. (M) Maharaja Ranjit Singh Punjab Technical University Dabwali Road Bhatinda - 151 001 Punjab	32.67	36
849	Development of multi-spectral photoacoustic imaging and sensing system for non-invasive imaging and characterization of tumor vasculature during angiogenesis using zebrafish xenograft & chicken Chorioallantoic Membrane (CAM) model	DST-SERB-CRG	Vasudevan,S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	28.74	36
850	Development of novel Theranostics targeting nucleic acids	DST-SERB-CRG	Dutta,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	25.30	36
851	Development of nutraceutical food products by incorporating nanoencapsulated curcumin & study of its anti-inflammatory activity	DST-SERB-CRG	Rao,P.J.A., Dr. (F) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	36.45	36
852	Development of robust B-turn motifs to stabilize proteins and their utility in engineering therapeutic mini-protein scaffolds	DST-SERB-CRG	Chatterjee,J., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	42.35	36
853	Development of SNP markers and association mapping for agronomic traits on a core collection of the oilseed crop, Carthamus tinctorius (Safflower)	DST-SERB-CRG	Goel,S., Dr. (M) Delhi University Delhi - 110 007 Delhi	30.74	36
854	Development of Sugarcane Bacilliform Virus (SCBV) based VIDGS vector for functional genomics in sugarcane	DST-SERB-CRG	Viswanathan,R., Dr. (M) ICAR-Sugarcane Breeding Institute Veerakeralam Coimbatore - 641 007 Tamil Nadu	40.73	36
855	Development of technologies for extraction and dormancy reduction of teak seeds	DST-SERB-CRG	Masilamani,P., Dr. (M) Agricultural Engineering College & Research Institute Lalgudi (TK), Kumulur Tiruchirappalli - 621 712 Tamil Nadu	22.10	36
856	Development, evaluation and molecular characterization of a seedless mutant in grapes variety ARI516	DST-SERB-CRG	Tetali,S., Dr. (F) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	35.09	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
857	Distribution mapping guided genetic diversity and conservation biotechnology of <i>Eugenia discifera</i> Gamble, an endemic and endangered tree of western ghats, India	DST-SERB-CRG	Jyothi,G.J., Dr. (F) Loyola College Near Nungambakkam Railway Station, Sterling Road Chennai - 600 034 Tamil Nadu	18.91	36
858	Diversity pattern, range size distribution and trait composition of butterflies along elevation gradients in the Sikkim Himalaya	DST-SERB-CRG	Acharya,B.K., Dr. (M) Sikkim University 6th Mile, Samdur P.O. Tadong Gangtok - 737 102 Sikkim	32.84	36
859	Do synanthropic and sylvatic rodents play role in the ecology of emerging zoonotic and antimicrobial resistant pathogens?	DST-SERB-CRG	Milton,A.A.P., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	50.27	36
860	Ecogenomics of soil microbes involved in global climate mitigation and nitrogen use efficiency in rice-wheat agroecosystem of central India under elevated CO2 and temperature	DST-SERB-CRG	Mohanty,S.R., Dr. (M) ICAR-Indian Institute of Soil Science Nabibagh, Berasia Road Bhopal - 462 038 Madhya Pradesh	65.02	36
861	Ecological assessment of the exotic sailfin catfishes in the Indian freshwater systems and developing a species-specific molecular tool to measure their detection in the wild	DST-SERB-CRG	Ghosal,R., Dr. (F) Ahmedabad University A.E.S.Bungalow #2, Navrangpura Ahmedabad - 380 009 Gujarat	58.18	36
862	Ecology, distribution and phylogeny of <i>takydromus sikkimensis</i> (Günther, 1888) (Squamata: Lacertidae) in the north east India	DST-SERB-CRG	Chettri,B., Dr. (F) Sikkim University 6th Mile, Samdur P.O. Tadong Gangtok - 737 102 Sikkim	33.39	36
863	Effect of candidate genes on milk production traits in gaolao cattle	DST-SERB-CRG	Kale,D.S., Dr. (M) Maharashtra Animal & Fishery Sciences University Saroj Nagar Nagpur - 440 006 Maharashtra	46.02	36
864	Efficacy and toxicity evaluation of new pancreatic lipase inhibitors identified by high throughput screening targeted to obesity and co-morbid disorders	DST-SERB-CRG	Singh,B.J., Dr. (M) K.L. University Green Fields, Vaddeswaram, Kunchanap Alli Post Guntur - 522 502 Andhra Pradesh	37.65	36
865	Elucidating genetic and molecular interactions between rice and planthoppers (Brown Planthopper [BPH] and Whitebacked Planthopper [WBPH])	DST-SERB-CRG	Bentur,J.S., Dr. (M) Agri Biotech Foundation Rajendranagar Hyderabad - 500 030 Telangana	56.45	36
866	Elucidating the role of NbUbc2 and NbHUB1 of the histone mono-ubiquitination machinery in Geminivirus pathogenesis	DST-SERB-CRG	Chakraborty,S., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	46.54	36
867	Elucidation of signal transduction schema regulating dehydration responsive miRNA genes in rice	DST-SERB-CRG	Raghuvanshi,S., Dr. (M) Delhi University New Delhi - 110 021 Delhi	55.93	36
868	Elucidation of the role of SIRT4 in testicular steroidogenesis	DST-SERB-CRG	Chidambaram,P., Dr. (M) Bharathidasan University Mathur, Mandaiyur Tiruchirappalli - 620 024 Tamil Nadu	38.26	36
869	Embelin can modulate Ataxia-Telangiectasia Mutated (ATM) signalling in nicotine induced chemoresistant pancreatic cancer	DST-SERB-CRG	Honnenahally,K.M., Dr. (M) Kuvempu University Shankaraghatta Shimoga - 577 451 Karnataka	48.52	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
870	Evaluating the cause and consequence of population variation in uropathogenic E.coli biofilm	DST-SERB-CRG	Chakaravarthy,S.S., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	33.16	36
871	Evaluating the impact of concomitant high temperature and drought stress on reproductive development in rice genotypes of eastern Indo-Gangetic plains	DST-SERB-CRG	Kumar,G., Dr. (M) Central University of South Bihar P.O. - B.V. College Patna - 800 014 Bihar	32.34	36
872	Evaluating the role and mechanism of function of delta factor of Bacillus subtilis	DST-SERB-CRG	Mukhopadhyay,J., Dr. (M) Bose Institute 93/1, Acharya Prafulla Chandra Road Kolkata - 700 009 West Bengal	30.69	36
873	Evaluation of a novel therapy for polycystic ovary syndrome in a rat model	DST-SERB-CRG	Shailajan,S., Dr. (F) Ramnarain Ruia College I.N. Road, Matunga (East) Mumbai - 400 019 Maharashtra	42.00	36
874	Evaluation of 'Histidine Switch Hypothesis' in the pH dependent Dengue virus maturation and infectivity	DST-SERB-CRG	Krishnan,A., Dr. (F) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	25.80	36
875	Evaluation of surface receptors with special reference to platelet pathophysiology as an early biomarker in predicting Dengue thrombocytopenia, Dengue hemorrhagic fever and shock syndrome	DST-SERB-CRG	Sebastian,L., Dr. (F) Vijayanagar Institute of Medical Science Bellary - 583 104 Karnataka	20.65	36
876	Evolution of multimodal communication in diurnal geckos: Ecological drivers and trade-offs in form and function	DST-SERB-CRG	Thaker,M., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	32.65	36
877	Exploitation of ampelomyces quisqualis in tritrophic relationship with Erysiphe cichoracearum on the induction of resistance and management of bhendi powdery mildew	DST-SERB-CRG	Vaithyanathan,S., Dr. (M) Agricultural College & Research Institute Vazhavachanur Tiruvannamalai - 606 753 Tamil Nadu	29.70	36
878	Exploitation of Chaetoglobosin producing chaetomium and formulation development for the management of Fusarium - Meloidogyne complex in tomato	DST-SERB-CRG	Lingan,R., Dr. (M) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	28.76	36
879	Exploring novel pathways during egress of Malaria parasite, plasmodium falciparum using genetic tools	DST-SERB-CRG	Bansal,A., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	50.02	36
880	Exploring the effects of polyamine and associated metabolic regulation of hypothalamic GnRH-GnIH synthesis and release during ageing in BALB/cJ mice	DST-SERB-CRG	Banerjee,A., Dr. (M) Birla Institute of Technology & Science (Pilani) K.K. Birla Goa Campus, Sancoale Zuarinagar - 403 726 Goa	34.35	36
881	Exploring the link between translation control and protein trafficking/endocytosis: Role of translation repressor Scd6 in Clathrin function	DST-SERB-CRG	Rajyaguru,P.I., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	25.80	36
882	Exploring the molecular mechanism of PARP1-DNA trapping and the rationale for combination chemotherapy of PAP-Topoisomerase1 inhibitors in homologous recombination stratified Ovarian cancer	DST-SERB-CRG	Brata,B.B., Dr. (F) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	25.35	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
883	Exploring the role of LRR8B protein in cellular calcium signaling	DST-SERB-CRG	Bera,A.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	30.20	36
884	Extraction and characterisation of functional phytochemicals from Khoonphal (Haematocarpus validus) of Meghalaya and its value addition	DST-SERB-CRG	Raju,S., Dr. (M) North-Eastern Hill University Tura Campus, Chasingre, West Garo Hills Tura - 794 002 Meghalaya	23.43	36
885	Fitness black box: Deciphering the ovar-MHC variability in sheep breeds of India	DST-SERB-CRG	Gowane,G.R., Dr. (M) ICAR-Central Sheep & Wool Research Institute Avikanagar Tonk - 304 501 Rajasthan	45.24	36
886	Force generation by Amyloid- β during aggregation mediated neuronal cell membrane rupture in neurodegeneration	DST-SERB-CRG	Saleem,M., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	32.45	36
887	Forensic anthropological provenancing of human skeletal remains excavated from a well at Ajnala (Amritsar): Bones, teeth and personal artefacts as identity signatures	DST-SERB-CRG	Sehrawat,J.S., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	30.58	36
888	Formulation and development of food baits to female melon fruit fly, Bactrocera cucurbitae (Coq.) (Tephritidae: Diptera)	DST-SERB-CRG	Thiyagarajan,E., Dr. (M) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	27.23	36
889	Formulation of species specific synbiotic against multidrug resistant escherichia coli in calves	DST-SERB-CRG	Moturi,S., Dr. (F) N.T.R. College of Veterinary Science Krishna Gannavaram - 521 102 Andhra Pradesh	32.32	36
890	Fortification of active ingredients from saffron and sea buck thorn for development of novel functional foods	DST-SERB-CRG	Gani,A., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	43.16	36
891	Functional and pharmacological characterization of ecdysis triggering hormone and its receptor for developing new generation insecticides against whitefly, Bemisia tabaci	DST-SERB-CRG	Jindal,V., Dr. (M) Punjab Agricultural University Ludhiana - 141 004 Punjab	42.95	36
892	Functional regulation of Leghemoglobin during symbiotic nitrogen fixation	DST-SERB-CRG	Siddhanta,A., Dr. (M) Calcutta University 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	46.57	36
893	Functional roles of the novel TAF12 (TBP-Associated Factor 12) variant genes in candida albicans	DST-SERB-CRG	Natarajan,K., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	50.78	36
894	G Protein Beta 5 (G β 5) regulates multiple chemotherapeutic drugs induced cardiotoxicity through an unifying Nox-RO-CaMKII dependent mechanism	DST-SERB-CRG	Maity,B., Dr. (M) Centre of Biomedical Research Raebareli Road Lucknow - 226 014 Uttar Pradesh	47.22	36
895	Gene regulation by DNA methylation in Bacillus anthracis (Sterne)	DST-SERB-CRG	Sitaraman,R., Dr. (M) TERI University Plot No. 10, Institutional Area, Vasant Kunj New Delhi - 110 070 Delhi	38.13	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
896	Generation of promiscuous peptides entrapped nanoparticles displaying TLR-2 ligand to impart protective immunity against Mycobacterium Tuberculosis	DST-SERB-CRG	Agrewala,J.N., Dr. (M) Indian Institute of Technology (Ropar) Rupnagar, Nangal Road Ropar - 140 001 Punjab	62.27	36
897	Generation of Tnt1 (Retrotransposon) insertional mutant population of moss and characterization of putative mutants defective in gametophore development	DST-SERB-CRG	Banerjee,A.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	52.98	36
898	Genetic characterization of indigenous ducks and study of its innate immunity particularly against Avian Influenza	DST-SERB-CRG	Pal,A., Dr. (F) West Bengal University of Animal & Fishery Sciences Belgachia Kolkata - 700 037 West Bengal	47.08	36
899	Genetic insight into MLSb resistance in Saphylococcus aureus and identifying a heterogenic resistance marker for diagnostic screening	DST-SERB-CRG	Bhattacharjee,A., Dr. (M) Assam University Silchar - 788 011 Assam	28.39	36
900	Genetic mapping of Anthracnose resistance gene(s) in a common bean bi-parental RIL population (KRC 22 x Jawala) and development of anthracnose resistant breeding lines	DST-SERB-CRG	Padder,B.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus Post Box 262 Srinagar - 191 121 Jammu & Kashmir	53.79	36
901	Genome-wide association mapping for Iron (Fe) & Zinc (Zn) biofortification in tetraploid potato	DST-SERB-CRG	Bhardwaj,V., Dr. (M) ICAR-Central Potato Research Institute Shimla - 171 001 Himachal Pradesh	30.56	36
902	Genomic assisted mapping and introgression of root knot nematode resistance gene(s) from African rice species Oryza glaberrima to the sian rice O. sativa	DST-SERB-CRG	Vikal,Y., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	32.16	36
903	Glycoprotein Acetyls (GlycA), cholesterol esters and metabolic profiling in serum of Gall Bladder cancer patients by NMR spectroscopy	DST-SERB-CRG	Roy,R., Dr. (M) Centre of Biomedical Research Raebareli Road Lucknow - 226 014 Uttar Pradesh	36.38	36
904	Ground and Remote Sensing-based measurements of leaf area index and estimating net primary productivity in tropical deciduous and semi-evergreen forests of India	DST-SERB-CRG	Behera,S.K., Dr. (M) Sami Labs Limited Rana Pratap Marg, Post Box No. 436 Lucknow - 226 001 Uttar Pradesh	44.49	36
905	Gut microbiome studies in Diabetic Retinopathy patients and rats	DST-SERB-CRG	Das,T., Dr. (M) L.V. Prasad Eye Institute Kallam Anji Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	53.92	36
906	Heavy metal extraction and phytoremediation potential of succulent and non-succulent halophytes growing on Kachchh coast	DST-SERB-CRG	Vyas,S.J., Dr. (M) Bhakta Kavi Narsinh Mehta University Government. Polytechnic College Campus, Bilkha Road, Khadiya Junagadh - 362 001 Gujarat	21.95	36
907	Highly parallelized measurement and improvement of protein stability	DST-SERB-CRG	Varadarajan,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	30.10	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
908	Home range and habitat use of Indian eagle owl (<i>Bubo bengalensis</i> Franklin, 1831) - a potential predator of rodent and insect pests	DST-SERB-CRG	Neelanarayanan,P., Dr. (F) Nehru Memorial College Puthanampatti Tiruchendur - 621 007 Tamil Nadu	37.01	36
909	Host-parasitoid coevolution: The role of parasitoid adaptation to endosymbiont-mediated defenses	DST-SERB-CRG	Kennedy,J.S., Dr. (M) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	42.58	36
910	Identification and characterization of sexually Dimorphic microRNAs (miRNAs) associated with X chromosome linked DDX3 gene	DST-SERB-CRG	Botlagunta,M., Dr. (M) K.L. University Green Fields, Vaddeswaram, Kunchanap Ali Post Guntur - 522 502 Andhra Pradesh	30.61	36
911	Identification and functional validation of partner proteins of two-component high affinity nitrate transporter of wheat	DST-SERB-CRG	Sinha,S.K., Dr. (M) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	36.32	36
912	Identification and molecular characterization of Honeybee diseases in Jammu and Kashmir	DST-SERB-CRG	Sharma,D., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Jammu - 180 009 Jammu & Kashmir	31.16	36
913	Identification of AMF effectome and concomitant target proteins in host plant to understand their role in establishing symbiosis using <i>Funneliformis mosseae</i> and carrot as model species	DST-SERB-CRG	Singh,P., Dr. (F) The Energy & Resources Institute Darbari Seth Block, Habitat Centre, Lodhi Road New Delhi - 110 003 Delhi	38.82	36
914	Identification of donors and QTLs for sheath blight resistance in collection of <i>Oryza nivara</i> (Sharma & Shastry) accessions	DST-SERB-CRG	Bhatia,D., Dr. (M) Punjab Agricultural University Ludhiana - 141 004 Punjab	31.33	36
915	Identification of genes that regulate differentiation of germ cells in <i>Caenorhabditis elegans</i>	DST-SERB-CRG	Subramaniam,K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	25.85	36
916	Identification of genome-wide DNA-conformation of <i>Mycobacterium Tuberculosis</i> : Novel markers for prognostic and clinical outcomes of the disease	DST-SERB-CRG	Ahmad,S., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	32.57	36
917	Identification of miRNAs from contrasting lines of <i>Carthamus</i> and their contribution in tolerance against <i>Fusarium wilt</i>	DST-SERB-CRG	Agarwal,M., Dr. (M) Delhi University Delhi - 110 007 Delhi	40.35	36
918	Identification of novel alleles of wild rice derived bacterial blight resistance genes and their functional analysis	DST-SERB-CRG	Ghazi,I.A., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	41.36	36
919	Identification of novel epigenetic regulators of both <i>Leishmania</i> and of host after infection	DST-SERB-CRG	Madhubala,R., Dr. (F) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	25.85	36
920	Identification of potential epigenetic biomarkers for detection and diagnosis of primary hyperparathyroidism	DST-SERB-CRG	Bhadada,S.K., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	37.87	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
921	Identification of sex-determining signal(s) and sexual differentiation factors in the red flour beetle, <i>tribolium castaneum</i>	DST-SERB-CRG	Shukla,J.N., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	49.86	36
922	Identification of the TCP4-mediated transcription factor network that regulates organ growth and morphogenesis	DST-SERB-CRG	Nath,U., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	39.05	36
923	Identifying the biomarkers and mechanism of immunomodulators like Cytokines and Chemokines in Epstein-Barr virus and <i>Helicobacter pylori</i> co-infected Gastric cancer	DST-SERB-CRG	Jha,H.C., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	31.35	36
924	Immuno-epidemiological characterization of pigs as an amplifying host of Japanese encephalitis	DST-SERB-CRG	Hiremath,J., Dr. (M) ICAR-National Institute of Veterinary Epidemiology & Disease Information Ramagondanahalli, Post Box No. 6450, Yelahanka Bengaluru - 560 064 Karnataka	40.55	36
925	Immunopathological and molecular studies on bovine cryptosporidial diarrhoea and associated etiologies	DST-SERB-CRG	Brar,A.S., Dr. (M) Guru Angad Dev Veterinary & Animal Science University Punjab Agricultural University Ludhiana - 141 004 Punjab	24.67	36
926	Immunostimulant non-specific immune response and growth of <i>Mugil cephalus</i> challenged with bacterial pathogen	DST-SERB-CRG	Deivasigamani,B., Dr. (M) Annamalai University Faculty of Marine Sciences, Cas in Marine Biology, Parangipettai Cuddalore - 608 502 Tamil Nadu	31.38	36
927	Impact of lysine acetylation in Hsp16.3 on its structure, chaperone function and the growth, survival as well as pathogenesis of <i>Mycobacterium Tuberculosis</i>	DST-SERB-CRG	Biswas,A., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	30.43	3
928	Impact of ureido protein degenerative modifications on amyloidogenic peptide and protein aggregation: Implications for neurodegenerative disorders	DST-SERB-CRG	Gupta,S., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	49.03	36
929	Implication of mitochondrial SIRT3 in the pathogenesis of an excitotoxic brain disorder	DST-SERB-CRG	Trigun,S.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	52.39	36
930	Injury induced Tbx20 function in promoting cardiomyocyte differentiation from epicardium-derived cells	DST-SERB-CRG	Chakraborty,S., Dr. (M) Presidency University 86/1, College Street Kolkata - 700 073 West Bengal	41.26	36
931	Insights into the mechanisms of Fe and Cd accumulation in rice: Prospecting towards Fe-enriched Cd-free rice	DST-SERB-CRG	Ganapathi,S., Dr. (F) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	51.72	36
932	Intracellular dynamics of small molecules during novel AMP-mediated resilience in planta: A multidisciplinary approach	DST-SERB-CRG	Bhunja,A., Dr. (M) Bose Institute P1/12, Scheme Viim Kolkata - 700 054 West Bengal	30.70	36
933	Investigating functional role of polyketide modifying enzymes in <i>Mycobacterial</i> biology	DST-SERB-CRG	Saxena,P., Dr. (F) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	54.83	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
934	Investigating hybrid EM cell during neural tube and inner ear closure	DST-SERB-CRG	Ladher,R.K., Dr. (M) National Centre for Biological Sciences Tata nstitute of Fundamental Research, Bellary Road Bengaluru - 560 065 Karnataka	51.28	36
935	Investigating mechanical tension in neuronal axons: Quantitative evaluation and cytoskeleton origins	DST-SERB-CRG	Ghose,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	75.92	36
936	Investigating mechanisms underlying acquisition of antiviral drug resistance against host-targeting agents	DST-SERB-CRG	Kumar,N., Dr. (M) ICAR-National Research Centre on Equines Sirsa Road Hisar - 125 001 Haryana	52.87	36
937	Investigating the importance of histone modification H3S10P and its cross talk with neighboring modifications in DNA repair and radio-resistance in specific phases of cell cycle	DST-SERB-CRG	Gupta,S., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Centre, Kharghar Mumbai - 410 210 Maharashtra	30.25	36
938	Investigating the role of Arabidopsis ARID-HMG protein, AtHMGB15, in the pollen development process	DST-SERB-CRG	Chaudhuri,S., Dr. (M) Bose Institute P1/12, Scheme Viim Kolkata - 700 054 West Bengal	46.30	36
939	Investigating the role of CRC in regulation of mGDH and sGDH involved in MPS phenotype in acinetobacter Sp. and its repression	DST-SERB-CRG	Rajkumar,S., Dr. (F) Nirma University of Science & Technology Sarkhej, Gandhinagar Highway, Village-Chharodi Ahmedabad - 382 481 Gujarat	38.73	36
940	Investigating the role of epigenetic reader TCF19 as a cellular glucose sensor in conjunction with p53	DST-SERB-CRG	Das,C., Dr. (F) Saha Institute of Nuclear Physics Sector-1, Block-af, Bidhan Nagar Kolkata - 700 064 West Bengal	34.56	36
941	Investigating the role of epithelial to mesenchymal transition in the process of embryo implantation	DST-SERB-CRG	Modi,D., Dr. (M) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	39.97	36
942	Investigating the role of histone acetylation during UV-induced nucleotide excision repair	DST-SERB-CRG	Nagchaudhuri,R., Dr. (F) St. Xavier's College Park Street Kolkata - 700 016 West Bengal	46.73	36
943	Investigating the role of the NLRP3 inflammasome in fructose-induced peripheral Insulin resistance	DST-SERB-CRG	Tamrakar,A.K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	26.70	36
944	Investigation of functional connection between CAMP-dependent signaling pathway and Mowish, a gene encoding a novel GPCR in rice blast fungus	DST-SERB-CRG	Roybarman,S., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	48.10	36
945	Investigation of mechanism of function of RNase P of Mycobacterium Tuberculosis: Exploration as a drug target	DST-SERB-CRG	Batra,J.K., Dr. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	42.47	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
946	Investigation of the active site of homoserine transacetylase from Mycobacterium Tuberculosis - A potential target for drug design	DST-SERB-CRG	Misquith,S., Dr. (F) St. Joseph College 36, Lalbagh Road Bengaluru - 560 027 Karnataka	38.07	36
947	Investigation of the mechanisms controlling synthesis and function of the ORF4 protein of genotype-1 Hepatitis E virus	DST-SERB-CRG	Surjit,M., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, P. Box #04 Faridabad - 121 001 Haryana	22.14	36
948	Investigation of the role of exosomes in Cervical cancer angiogenesis and endothelial cell conditioning	DST-SERB-CRG	Bharti,A.C., Dr. (M) Delhi University Delhi - 110 007 Delhi	38.07	36
949	Investigation on environmentally safe antifouling metabolites from mangroves as a source to control biofoulers	DST-SERB-CRG	Immanuel,G., Dr. (M) Manonmaniam Sundaranar University Centre for Marine Science & Technology, Rajakkamangalam Kanya Kumari - 629 502 Tamil Nadu	45.78	36
950	Investigations on the role of the biochemical bistable switch in learning and memory in vivo	DST-SERB-CRG	Omkumar,R.V., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	38.52	36
951	Involvement of chloroplasts in oxidative stress induced Programmed Cell Death (PCD): Characterization of cytochrome F release from chloroplast and its interacting partners involved in cell death process	DST-SERB-CRG	Tiwari,B.S., Dr. (M) Indian Institute of Advanced Research Koab Institutional Area, Puri Foundation Gandhinagar - 382 007 Gujarat	28.65	36
952	Iron transport mediated delivery of Pyochelin-Zingerone conjugate: A Trojan horse strategy against pseudomonas aeruginosa	DST-SERB-CRG	Harjai,K., Dr. (F) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	36.77	36
953	Isolation and use of phytochemicals from Mucuna pruriens and Asparagus racemosus for production of high-yielding monosex Nile Tilapia: A mechanistic study	DST-SERB-CRG	Chakraborty,S.B., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	29.11	36
954	Isolation, structural characterization and evaluation of anticancer potential of selected plant lectins	DST-SERB-CRG	Singh,D.D., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	45.23	36
955	Keratinase fingerprints guided drug repurposing to clear prion amyloid plaques	DST-SERB-CRG	Grover,A., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	29.27	36
956	Life-history constraints in grassland plant species of the eastern terai in India: Are trade-offs associated with competition, growth and defense important for community structure?	DST-SERB-CRG	Chandran,R.J., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	35.61	36
957	Limbal stem cell transplantation: Studying the process of corneal epithelial wound healing and regeneration in animal model of alkali burn	DST-SERB-CRG	Singh,V., Dr. (M) L.V. Prasad Eye Institute Kallam Anij Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	46.98	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
958	Mapping genes/QTL for resistance to spot blotch and stem rust in durum wheat	DST-SERB-CRG	Tamhankar,S.A., Dr. (M) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	45.90	36
959	Marker assisted pyramiding of drought yield QTLs into ADT45 a popular rice cultivar of Tamil Nadu	DST-SERB-CRG	Ramalingam,S., Dr. (M) Tamil Nadu Agricultural University Tamil Nadu Rice Research Institute, District Aduthurai Thanjavur - 641 003 Tamil Nadu	30.47	36
960	Mastitis related antibiotic resistance pattern mapping in three districts of Haryana	DST-SERB-CRG	De,S., Dr. (M) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	31.41	36
961	MCM3AP: A novel S phases replication checkpoint protein and its relation to Fanconi Anemia protein	DST-SERB-CRG	Mukhopadhyay,S.S., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	42.16	36
962	Mechanism of asymmetric cell division in mycobacteria	DST-SERB-CRG	Parthasarathi,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	25.80	36
963	Mechanism of meiotic crossing over through the Msh4-Msh5 dependent pathway	DST-SERB-CRG	Nishant,K.T., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Campus Thiruvananthapuram - 695 016 Kerala	36.40	36
964	Mechanism of telomerase regulation in response of Arsenic in liver cancer	DST-SERB-CRG	Haque,R., Dr. (M) Central University of Bihar P.O - P. V. College Patna - 800 014 Bihar	31.59	36
965	Mechanistic insights into IAPP self-assembly -Targeting early intermediates for therapeutics	DST-SERB-CRG	Chaudhary,N., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	47.85	36
966	Mechanistic investigations of UDP-N-acetyl-D-galactosamine Polypeptide n-acetyl-D-galactosaminyl transferases (ppGalNAcT) involved in the biosynthesis of Mucin type o-glycosylation	DST-SERB-CRG	Sampathkumar,S.G., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	30.78	36
967	Medicinal plants of Cucurbitaceae family - metabolomic study and therapeutic evaluation	DST-SERB-CRG	Mukherjee,P.K., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	50.91	36
968	Metabolic control of epigenetic programming in muscle stem cells	DST-SERB-CRG	Dhawan,J., Dr. (F) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	65.58	36
969	Metabolic engineering in a carotenoid over-producing bacterium for development of an efficient platform strain for zerumbone production	DST-SERB-CRG	Mishra,M.N., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	28.84	36
970	MicroRNA-mediated gene regulation of anopheles mosquito immunity during early phase of Malarial parasite transmission	DST-SERB-CRG	Chaitanya,R.K., Dr. (M) Central University of Punjab D-13, Civil Station Bhatinda - 151 001 Punjab	58.19	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
971	Microstructure, individual and sub-species variations of song in Indian Robin <i>Copsychus fulvicata</i> (Family: Muscicapidae)	DST-SERB-CRG	Kumar,A., Dr. (M) Zoological Survey of India Northern Regional Centre, 218, Kaulagarh Road Dehradun - 248 195 Uttarakhand	42.90	36
972	Microtubule-based mechanisms of Colchicine resistance of the producing plant <i>Gloriosa superba</i> and insect feeder <i>Polytela Gloriosae</i>	DST-SERB-CRG	Athale,C.A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	58.61	36
973	Mitigation of salinity stress tolerance in <i>Sesamum indicum</i> L. using a novel ABA-dependent SbMYB44 transcription factor from halophyte <i>Salicornia brachiata</i>	DST-SERB-CRG	Agarwal,P.K., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	35.24	36
974	Modelling Squamous Cell Carcinoma (SCC) in <i>drosophila</i> Male Accessory Gland (MAG)	DST-SERB-CRG	Sinha,P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	33.90	36
975	Modulation of host endocytosis during plasmodium liver stage development	DST-SERB-CRG	Sundaramurthy,V., Dr. (M) National Centre for Biological Sciences Tata Institute of Fundamental Ressearch, Bellary Road Bengaluru - 560 065 Karnataka	35.64	36
976	Modulation of photorespiration by oxidative stress: Role of reactive oxygen and reactive nitrogen species	DST-SERB-CRG	Raghavendra,A.S., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	36.48	36
977	Molecular adaptation during exposure to zinc oxide and titanium dioxide nanoparticles with special reference to oxidative stress, nitric oxide production and expression of heat shock proteins in air-breathing catfish, <i>clarias batrachus</i>	DST-SERB-CRG	Saha,N., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	77.27	36
978	Molecular analysis of antibiotic resistance mechanisms in clinical isolates of <i>Salmonella</i> species	DST-SERB-CRG	Jacob,S.M., Dr. (F) Tamil Nadu Dr. M.G.R. Medical University 69, Anna Salai, Guindy Chennai - 600 032 Tamil Nadu	24.50	36
979	Molecular and chemical ecology of the biological control of diamondback moth: Revealing the significance of the infochemical communication between bottom-up and top-down factors	DST-SERB-CRG	Pandit,S.S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	20.89	36
980	Molecular and functional characterization of active saline adapted nitrogen fixing plant growth promoting bacteria of native grown coastal saline tolerant rice varieties (Pokkali) of Kerala	DST-SERB-CRG	Natarajan,R., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Industrial Estate Post Office, Pappanamcode Thiruvananthapuram - 695 019 Kerala	47.77	36
981	Molecular and structural analysis of Chikungunya virus capsid protease for antiviral drug discovery	DST-SERB-CRG	Tomar,S., Dr. (F) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	17.60	36
982	Molecular characterization of genes/factors promoting testis growth and sperm maturation using teleost fish models	DST-SERB-CRG	Senthilkumaran,B., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	77.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
983	Molecular characterization of Leishmania major bicarbonate transporter and studying its role in parasite physiology	DST-SERB-CRG	Datta,R., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	26.90	36
984	Molecular characterization of sperm pro-survival factors in the oviduct of the Indian garden lizard, calotes versicolor	DST-SERB-CRG	Kumari,T.R., Dr. (F) St. Philomena's College P.B. No. 30, Bannimantap Mysore - 570 015 Karnataka	32.65	36
985	Molecular characterization of stress responsive hypothetical proteins Alr8073, Alr5059, Alr3014 And Alr3199 of diazotrophic cyanobacterium anabaena sp. PCC 7120	DST-SERB-CRG	Rai,L.C., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	22.44	36
986	Molecular dynamics investigation of the dynamics and regulation of the HIV-1 restriction factor SAMHD1	DST-SERB-CRG	Bhattacharya,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	29.73	36
987	Molecular epidemiological studies of canine Parvovirus-2 variant(s) from clinical cases of dogs and cats in seven north eastern states of India and its management.	DST-SERB-CRG	Behera,S.K., Dr. (M) College of Veterinary Sciences & Animal Husbandary Central of Agricultural University, Selesih Aizawal - 796 014 Mizoram	51.44	36
988	Molecular events responsible for the switching of cell shape with respect to cell cycle in Rhodococcus erythropolis PR4	DST-SERB-CRG	Srivastava,P., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	19.20	36
989	Molecular mapping of anthracnose resistance gene in common Bean landrace KRC8 and identification of adult plant resistance components	DST-SERB-CRG	Sharma,P.N., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya District Kangra Palampur - 176 062 Himachal Pradesh	41.00	36
990	Molecular mechanism of temperature-dependent sex determination and differentiation of gonad in the reptile, calotes versicolor - Are sex steroids the key factor?	DST-SERB-CRG	Inamdar,L.S., Dr. (F) Karnatak University Pavate Nagar Dharwad - 580 003 Karnataka	37.40	36
991	Molecular mechanisms underlying DNA alkylation repair	DST-SERB-CRG	Roy,A., Dr. (F) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	32.83	36
992	Molecular phylogeny and phylogeography of ant genus Camponotus (Hymenoptera: Formicidae) from India	DST-SERB-CRG	Bharti,H., Dr. (M) Panjab University NH 64, Urban Estate Phase ii Patiala - 147 002 Punjab	34.96	36
993	Molecular phylogeny of longhorn beetles from northeast India inferred by complete mitochondrial genome using nanopore sequencing	DST-SERB-CRG	Guruswami,G., Dr. (M) Mizoram University Post Box No. 190 Aizawal - 796 009 Mizoram	53.67	36
994	Molecular signaling during thymus involution and its application for the prevention of age associated diseases and cancer	DST-SERB-CRG	Lomada,D., Dr. (F) Yogi Vermana University Vemana Puram Ganganapalle - 516 216 Andhra Pradesh	42.17	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
995	Molecular, structural and functional mapping of eye regeneration using novel light sensing assays	DST-SERB-CRG	Gulyani,A., Dr. (M) Institute for Stem Cell Biology & Regenerative Medicine National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bellary Road	70.30	36
996	Nanoparticles mediated dsRNA delivery for biocontrol of the polyphagous insect pests, <i>Helicoverpa armigera</i> (Armyworm) and <i>Scirtothrips dorsalis</i> (Thrips)	DST-SERB-CRG	Ghormade,V., Dr. (F) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	39.02	36
997	Neural correlates of generalised memories during systems consolidation	DST-SERB-CRG	Jayaprakash,B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	51.88	36
998	Neurobiology of obesity regulation and therapeutic interventions	DST-SERB-CRG	Seth,R., Dr. (M) Guru Ghasidas University Koni Bilaspur - 495 009 Chhattisgarh	68.51	36
999	Nitrated-fatty acids as anti-oxidant and anti-inflammatory therapy for acute lung injury	DST-SERB-CRG	Narala,V.R., Dr. (M) Yogi Vermana University Vemana Puram Ganganapalle - 516 216 Andhra Pradesh	53.92	36
1000	Novel approach to develop computational pipeline to predict functions of cysteines in Proteins of Unknown Function (PUFs) and Domains of Unknown Function (DUFs), based on protein microenvironments	DST-SERB-CRG	Bandhyopadhyay,D., Dr. (F) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	19.43	36
1001	Nutritional geometry and mitochondrial assessment for longevity and fitness related studies in <i>Drosophila ananassae</i>	DST-SERB-CRG	Yadav,J.P., Dr. (M) Bundelkhand University NH 25, Jhansi-Kanpur Road Jhansi - 284 128 Uttar Pradesh	40.70	36
1002	Oocyte vitrification for long term preservation of important animal genetic resources of temperate Himalayas	DST-SERB-CRG	Sofi,K.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus, Post Box 262 Srinagar - 191 121 Jammu & Kashmir	46.85	36
1003	Overexpression of phyto kinase and protochlorophyllide oxidoreductase C in <i>Brassica juncea</i> to increase photosynthetic efficiency and enhance tolerance to environmental stress	DST-SERB-CRG	Tripathy,B.C., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	34.21	36
1004	Peptide decorated ZnO nanoparticles for selective killing of cancer cells	DST-SERB-CRG	Ganguli,M., Dr. (F) CSIR-Institute of Genomics & Integrative Biology University Campus, Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	22.10	36
1005	Phosphatidic acid-protein interactions: Molecular mechanism and role during abiotic stress in <i>Arabidopsis</i>	DST-SERB-CRG	Mishra,G., Dr. (M) Delhi University Delhi - 110 007 Delhi	46.67	36
1006	Phospho regulatory dynamics of <i>Sine Oculis</i> Homeobox 1 (SIX1): Implications in generation of mesenchymal phenotype	DST-SERB-CRG	Beigh,M.A., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	46.68	36
1007	Phylogeny, classification and biogeography of leaf roller moths belonging to family Tortricidae (Lepidoptera)	DST-SERB-CRG	Shashank,P.R., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	30.72	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1008	Physical biology of cell-substrate interactions	DST-SERB-CRG	Gundiah,N., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	23.77	36
1009	Phytochemical profiling of the aromatic Cyperaceae members of south India	DST-SERB-CRG	Rameshkumar,K.B., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Pacha Palode Thiruvananthapuram - 695 562 Kerala	17.65	36
1010	Population biology of Humboldtia unijuga var. trijuga, an endemic and endangered tree species of the southern western ghats and its conservation	DST-SERB-CRG	Jothish,P.S., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Pacha Palode Thiruvananthapuram - 695 562 Kerala	29.17	36
1011	Population dynamics of introduced Cyprinus carpio in Dal lake and its impact on lake ecosystem and local schizothorax species	DST-SERB-CRG	Bakhtiyar,Y., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	34.06	36
1012	Population structure and genetic variability analysis of Cullenia exarillata populations in western ghats	DST-SERB-CRG	Sabu,K.K., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Pacha Palode Thiruvananthapuram - 695 562 Kerala	32.18	36
1013	Probing confinement-induced phenotypic heterogeneity in Breast cancer and its implications in cancer metastasis	DST-SERB-CRG	Sen,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	42.35	36
1014	Production of antibody- cocktail using bacterial expressed recombinant coat protein for ACLSV, ASGV, ASPV detection in apple	DST-SERB-CRG	Chandel,V., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	28.95	36
1015	Prolyl isomerization of dynein light intermediate chains as a regulatory driver for mitosis	DST-SERB-CRG	Mylavarapu,S.V.S., Dr. (M) Regional Centre for Biotechnology N.C.R.Biotech Science Cluster, Bhankri Faridabad - 121 004 Haryana	22.14	36
1016	Propensity to respond to drought determines acquired tolerance - A molecular and physiological characterization of a panel of rice germplasm to discover eQTL and expression markers for acquired tolerance traits	DST-SERB-CRG	Sreeman,S., Dr. (M) University of Agricultural Sciences P.B. No. 2477, Gandhi Krishi Vignana Kendra Campus Bengaluru - 560 065 Karnataka	39.20	36
1017	Prospecting prebiotic potential of rumen liquor	DST-SERB-CRG	Rastogi,A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Jammu - 180 009 Jammu & Kashmir	44.20	36
1018	Protein and peptide based functional biomaterials	DST-SERB-CRG	Kar,K., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	30.28	36
1019	Pullulanase based identification of high resistant starch rice (Oryza sativa L.)	DST-SERB-CRG	Singh,A., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	37.98	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1020	QTLs identification linked to drought and nutrition in Horsegram (<i>Macrotyloma uniflorum</i>) by association mapping	DST-SERB-CRG	Chahota,R.K., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya District Kangra Palampur - 176 062 Himachal Pradesh	30.03	36
1021	Quantitative modeling of the hyper-benthic zooplankton food web of the Hooghly estuary	DST-SERB-CRG	Paul,S., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	29.76	36
1022	R2TP complex as a target of human Papilloma virus oncoproteins E6 and E7	DST-SERB-CRG	Mir,R.A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	27.85	36
1023	Recombinant endolysins from mycobacteriophages: Exploring their anti-mycobacterial potential	DST-SERB-CRG	Bajpai,U., Dr. (F) Acharya Narendra Dev College No. 3, Govind Puri, Kalkaji New Delhi - 110 019 Delhi	46.70	36
1024	Reconstitution and structural studies on Nup93-Nup188 complex of the nuclear pore complex	DST-SERB-CRG	Chauhan,R., Dr. (F) National Centre for Cell Sciences University of Pune Campus, Ganeshkhind Pune - 411 007 Maharashtra	22.14	36
1025	Redesigning of bacterial endochitinase for enhanced antifungal activity	DST-SERB-CRG	Gupta,R.D., Dr. (F) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	44.98	36
1026	Redox stress as the cue for sexual stage transition in the Malaria parasite	DST-SERB-CRG	Tatu,U.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	20.30	36
1027	Regulation of damage-induced cellular plasticity in the lung	DST-SERB-CRG	Guha,A., Dr. (M) Institute for Stem Cell Biology & Regenerative Medicine National Centre for Biological Sciences, Tata Institute of Fundamental Rsearch, Bellary Road	44.46	36
1028	Regulation of mitochondrial transcription factors and mitochondrial biogenesis in essential hypertension	DST-SERB-CRG	Mahapatra,N.R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	31.30	36
1029	Repressor Element-1 Silencing Transcription Factor (REST) in Epstein-Barr Virus (EBV) biology and pathogenesis	DST-SERB-CRG	Veetil,M.V., Dr. (M) Cochin University of Science & Technology Kochi - 682 022 Kerala	47.53	36
1030	Reproductive biology of <i>Cyathea spinulosa</i> (A threatened tree fern) and studies on its multiplication and restoration potentiality	DST-SERB-CRG	Singh,A.P., Dr. (M) Sami Labs Limited Rana Pratap Marg, Post Box No. 436 Lucknow - 226 001 Uttar Pradesh	28.04	36
1031	Resistance management in Bt transgenic crops: Role of gut microflora in <i>helicoverpa armigera</i> in potentiation and/or detoxification of Δ -endotoxin proteins of <i>bacillus thuringiensis</i>	DST-SERB-CRG	Sharma,H.C., Dr. (M) Dr. Y.S. Parmar University of Horticulture & Forestry P.O. Nauni Solani - 173 230 Himachal Pradesh	49.87	36
1032	Response of <i>B. Aryabhatai</i> AB211 to maize root exudates: Insights from transcriptome analysis	DST-SERB-CRG	Ghosh,A., Dr. (M) Bose Institute P1/12, Scheme Viim Kolkata - 700 054 West Bengal	38.69	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1033	RNF 167, an ubiquitin E3 ligase with several reported mutations in diverse cancers, controls NF-KB activation	DST-SERB-CRG	Srinivasula,S.M., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	31.35	36
1034	Role and mechanism of the PARP1-ATR-Chk1 signaling axis in modulating ligand-induced NF-kB transactivation by Arsenic in Microglia	DST-SERB-CRG	Ghosh,D., Dr. (M) CSIR-Indian Institute of Toxicology Research Mahatma Gandhi Marg, Post Box No. 80 Lucknow - 226 001 Uttar Pradesh	35.88	36
1035	Role of alpha-synuclein phosphorylation in dopaminergic neuron dysfunction	DST-SERB-CRG	Datta,I., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	73.35	36
1036	Role of an EAR motif repressor, SIERF36, in tomato development and growth	DST-SERB-CRG	Sane,A.P., Dr. (M) Sami Labs Limited Rana Pratap Marg, Post Box No. 436 Lucknow - 226 001 Uttar Pradesh	34.49	36
1037	Role of astrocytes in neuronal formation and maturation in Syngap1 heterozygous mutation	DST-SERB-CRG	Chelliah,J.P., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	63.97	36
1038	Role of Dcp2 in drosophila development and tumorigenesis	DST-SERB-CRG	Roy,J.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	78.79	36
1039	Role of Hook2 as dynein adaptor during cell cycle	DST-SERB-CRG	Sharma,M., Dr. (F) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S,A,S, Nagar Mohali - 140 306 Punjab	25.85	36
1040	Role of human host factors in endocytic uptake of Influenza A virus	DST-SERB-CRG	Banerjee,I., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S.Nagar Mohali - 140 306 Punjab	25.85	36
1041	Role of kisspeptin in the development of ovarian follicles in sheep	DST-SERB-CRG	Sivakumar,A.V., Dr. (M) Sri Venkateswara Veterinary University Y.S.R. Bhavan Tirupati - 517 502 Andhra Pradesh	33.83	36
1042	Role of neuropeptides in sleep homeostasis using fruit fly drosophila melanogaster as model organism	DST-SERB-CRG	Lone,S.R., Dr. (M) Central University of Punjab D-13, Civil Station Bhatinda - 151 001 Punjab	49.12	36
1043	Role of sfRNA in Japanese encephalitis viral pathogenesis: A novel clue for identifying and targeting the antiviral biomolecules	DST-SERB-CRG	Desingu,P.A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	41.92	36
1044	Role of Sumoylation in virulence of candida glabrata	DST-SERB-CRG	Mishra,K., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	48.03	36
1045	Role of topoisomerase VI in the biology of Malaria parasite	DST-SERB-CRG	Bhattacharyya,S., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	65.47	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1046	Role of Wnt-signaling (Canonical/non-Canonical) in a. hydrophila-induced apoptosis of fish macrophages	DST-SERB-CRG	Mazumdar,S., Dr. (M) Delhi University New Delhi - 110 007 Delhi	37.32	36
1047	RUNX and AMPK in Hematopoietic malignancies	DST-SERB-CRG	Aramati,B.M.R., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	46.93	36
1048	Screening of biochemical and molecular diversity of the selected brown algae	DST-SERB-CRG	Paul,J.P., Dr. (M) St. Xavier's College Palaykottai Tirunelveli - 627 002 Tamil Nadu	22.00	36
1049	Screening of wild vegetables from Leguminosae of north east India and assessment of their nutritional composition and antioxidant properties	DST-SERB-CRG	Devi,K.S., Dr. (F) Mizoram University Post Box No. 190 Aizawal - 796 009 Mizoram	32.88	36
1050	Sex differences in sexual selection and the evolution of signals and competition strategies in the Peninsular rock lizard, psammophilus dorsalis	DST-SERB-CRG	Isvaran,K., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	51.17	36
1051	Signaling mechanism in the tri- trophic interaction between brasicacious plants their insect pest and parasitoid of the pest	DST-SERB-CRG	Bakthavatsalam,N., Dr. (M) ICAR-National Bureau of Agricultural Insects Resources P B. No. 2491, H A Farm, Post Bellary Road Bengaluru - 560 024 Karnataka	51.51	36
1052	Spatial ecology and ecosystem services of striped hyena in relation to land use pattern in Rajasthan, India	DST-SERB-CRG	Singh,R., Dr. (M) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	26.36	36
1053	Spatial, temporal and host mediated effects on sex pheromone communication in a specialist herbivore Maruca vitrata fabricius (Lepidoptera: Crambidae)	DST-SERB-CRG	Dheivasigamani,R., Dr. (M) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	41.96	36
1054	Strategies for enhancing biological activity of novel peptides (Brevinin-1and 2) identified from the skin secretion of an endemic frog	DST-SERB-CRG	George,S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	31.57	36
1055	Structural and functional characterization of PadR-like transcriptional regulatory proteins from Mycobacterium Tuberculosis H37Rv	DST-SERB-CRG	Arora,A., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	38.31	36
1056	Structural and functional studies of DRB2 in A Thaliana RNAi pathway	DST-SERB-CRG	Deshmukh,M.V., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	25.38	36
1057	Structural and functional studies of glucose 6-phosphate dehydrogenase and 6-phosphogluconate dehydrogenase to understand their role in Leishmaniasis	DST-SERB-CRG	Qureshi,I.,A., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	40.33	36
1058	Structural bioinformatics studies on Ms2ct6A present in the anticodon loop of tRNALys and its role in Codon-anticodon recognition with tRNA folding	DST-SERB-CRG	Sonawane,K.D., Dr. (M) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	25.74	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1059	Structural implication of amyloid oligomers in Alzheimer's disease	DST-SERB-CRG	Maiti,N.C., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	22.14	36
1060	Structural investigation of Geranyldiphosphate Synthase (GPPS) from Catharanthus roseus	DST-SERB-CRG	Vasudev,P.G., Dr. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Near Kukrail Picnic Spot Lucknow - 226 015 Uttar Pradesh	22.10	36
1061	Structural studies on the antioxidant enzymes of Wuchereria bancrofti towards the development of novel structure based drug lead discovery for lymphatic filariasis	DST-SERB-CRG	Kadhirvel,S., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	25.06	36
1062	Structure based design and development of novel antimicrobial peptides for diverse applications	DST-SERB-CRG	Prakash,B., Dr. (M) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	22.14	36
1063	Studies on ribosomal RNA mediated stimulation of Alzheimer's disease associated Tau protein aggregation and the interaction of Tau with the ribosome	DST-SERB-CRG	Barat,C., Dr. (F) St. Xavier's College Park Street Kolkata - 700 016 West Bengal	36.42	36
1064	Studies on signal transduction mechanism(s) of Indian cobra (Naja naja) and Russell's viper (Daboia russelii) venoms neurotrophin molecules in cultured neuronal cells and their functional significance	DST-SERB-CRG	Mukherjee,A.K., Dr. (M) Tezpur University District Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	39.30	36
1065	Studies on the exotic organisms traded through online and its invasion potentials in the western ghats of Tamil Nadu, south India	DST-SERB-CRG	Chandrasekaran,S., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	27.76	36
1066	Studies on the impacts of coral-competing sponges on coral community structure and associated biodiversity in the reef areas of Gulf of Mannar, southeastern India	DST-SERB-CRG	Raj,K.D., Dr. (M) Suganthi Devadason Marine Research Institute 44, Beach Road, Thoothukudi Tuticorin - 628 001 Tamil Nadu	27.33	36
1067	Studies on the occurrence, distribution and composition of microplastics along the Kerala coast with emphasis on their manifestation in food chain of nearshore communities	DST-SERB-CRG	Ranjeet,K., Dr. (M) Kerala University of Fisheries & Ocean Studies Ranangarh, Ernakulam Kochi - 682 506 Kerala	39.80	36
1068	Study effect of Dengue virus infection on in vitro Megakaryopoiesis	DST-SERB-CRG	Bhattacharyya,S., Dr. (M) Translational Health Science & Technology Institute 3rd Milestone Faridabad - 121 001 Haryana	25.38	36
1069	Study of pore formation-independent cell death mechanism elicited by the bacterial pore-forming toxin vibrio Cholerae cytolysin	DST-SERB-CRG	Chattopadhyay,K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Chandigarh - 140 306 Chandigarh	43.57	36
1070	Study of simultaneous denitrification and methane metabolism by denitrifying methanotrophs from landfill sites	DST-SERB-CRG	Prakash,O., Dr. (M) National Centre for Cell Sciences Ganeshkhind, Pune University Complex Pune - 411 007 Maharashtra	48.04	36
1071	Study on diagnosis and prognosis of bacterial respiratory disease in buffalo calves	DST-SERB-CRG	Velamala,V., Dr. (M) N.T.R. College of Veterinary Science Gannavaram Krishna - 521 102 Andhra Pradesh	26.50	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1072	Study the effect of physiological exposure and evolutionary adaptability in Salmonella	DST-SERB-CRG	Negi,V.D., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	44.86	36
1073	Studying molecular mechanisms underlying the regulation of pluripotency by transcription factor Zfp219	DST-SERB-CRG	Chandrashekar,P., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	57.63	36
1074	Studying the downstream effector molecules of ER chaperone calnexin through yeast two hybrid and fret analyses and their functional validation	DST-SERB-CRG	Sarwat,M., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	33.72	36
1075	Sustainable management of invasive plants using native insect herbivores in Kashmir Himalaya	DST-SERB-CRG	Ahmad,T., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	49.50	36
1076	Systematic studies on fruit flies of subfamily Tephritinae (Diptera: Tephritidae) from south India with special reference to western ghats	DST-SERB-CRG	Jacob,D.K., Dr. (M) ICAR-National Bureau of Agricultural Insects Resources P. Bag No: 2491, H. A. Farm Post Bellary Road Bengaluru - 560 024 Karnataka	34.15	36
1077	Systematics and conservation of the genus Cycas L. (Cycadaceae) in India	DST-SERB-CRG	Ramana,M.V., Dr. (M) Osmania University Hyderabad - 500 007 Telangana	18.61	36
1078	TARDICODE project: Isolation, morphometrics and DNA barcoding of tardigrades (water bears) in the northwest region of India	DST-SERB-CRG	Mugdhal,G., Dr. (M) Chandigarh University Gharuan Mohali - 140 413 Punjab	43.55	36
1079	Targeted exome and transcriptome sequencing of lentil for discovery of genetic polymorphisms and construction of a gene expression atlas	DST-SERB-CRG	Bhatia,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	37.17	36
1080	Targeting crystallin-amyloids for the development of non-invasive therapeutic strategy for treatment of age-related cataract	DST-SERB-CRG	Yadav,J.K., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	30.83	36
1081	Targeting DNA repair proteins to overcome topoisomerase drug resistance	DST-SERB-CRG	Banerjee,D., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	27.50	36
1082	Targeting the neutrophil recruitment guided by Chemokine-Glycosaminoglycan interactions using small molecule GAG inhibitors	DST-SERB-CRG	Poluri,K.M., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	47.47	36
1083	Taxonomic revision and phylogeny of the genus Piper L. (Piperaceae) in India with its biogeography	DST-SERB-CRG	Gajurel,P.R., Dr. (M) North Eastern Regional Institute of Sciences & Technology NH 52A, Nirjuli Itanagar - 791 109 Arunachal Pradesh	72.07	36
1084	Taxonomic studies on family Nolidae (Lepidoptera) from north east India	DST-SERB-CRG	Joshi,R., Dr. (M) Zoological Survey of India Gangetic Plains Regional Centre, Sector 8, Bahadurpur Housing Colony Patna - 800 026 Bihar	23.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1085	Taxonomic studies on family pyralidae (Pyraloidea: Lepidoptera) from north east India	DST-SERB-CRG	Singh,N., Dr. (M) Zoological Survey of India Gangetic Plains Regional Centre, Sector 8, Bahadurpur Housing Colony Patna - 800 026 Bihar	30.55	36
1086	Taxonomic studies on native cyprinoid fishes of northern Kerala with special emphasis on insufficiently known and synonymic species	DST-SERB-CRG	Plamoottil,M., Dr. (M) Baby John Memorial Government College Chavara, Alappuzha Kollam - 691 583 Kerala	24.65	36
1087	Taxonomy and biogeographic affinities of the lesser known Carabidae (Insecta: Coleoptera) in the northwest, central and northeastern regions of India	DST-SERB-CRG	Thomas,S.K., Dr. (M) St. Joseph College Devagiri, P.O.Medical College Kozhikode - 673 008 Kerala	45.07	36
1088	Taxonomy, molecular phylogeny and conservation of the genus Aeschynanthus jack (Gesneriaceae) in India	DST-SERB-CRG	Nampy,S., Dr. (M) Calicut University Korachankandy, Thenhipalam Kozhikode - 673 635 Kerala	28.34	36
1089	Testing the efficacy of grass phytoliths in discriminating rainfall variations and their application potential in the Holocene climate reconstructions: Study along the rainfall gradient of the western ghats, India	DST-SERB-CRG	Bera,S., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	47.35	36
1090	The core root associated microbiome of pigeon pea under the influence of host genotype, beneficial bacteria and abiotic stress	DST-SERB-CRG	Podile,A.R., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	31.21	36
1091	To characterize the exosomes secreted by chemotherapy-exposed Pancreatic Cancer Associated Fibroblast Cells (CAFs) and investigate its role in chemoresistance of cancer cells	DST-SERB-CRG	Senapati,S., Dr. (M) Institute of Life Sciences Nalco Nagar Road, Chandrasekharpur Bhubaneswar - 751 023 Odisha	25.38	36
1092	To decipher the epigenetic regulatory mechanism(s) of SOX2 gene in human Prostate cancer and self renewal of cancer stem cell	DST-SERB-CRG	Patra,S.K., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	50.44	36
1093	To decipher the role of RHOG in the endometrial receptivity for blastocyst adhesion and invasion process	DST-SERB-CRG	Jha,R.K., Dr. (M) CSIR-Central Drug Research Institute Sector-10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	44.79	36
1094	To elucidate whether chemoattractants stimulate enhanced feeding in Indian major carps to accelerate their growth	DST-SERB-CRG	Saikia,S.K., Dr. (M) Visva Bharati University Santiniketan - 731 235 West Bengal	32.07	36
1095	To investigate the mechanisms regulating the enigmatic oxacillin susceptible MecA positive phenotype in the clinical isolates of staphylococcus aureus	DST-SERB-CRG	Bhandari,V., Dr. (F) National Institute of Animal Biotechnology D. No. 1-121/1, Axis Clinicals Building, Miyapur Hyderabad - 500 049 Telangana	49.75	36
1096	To understand the oscillation mechanism of the Min system and its role in coordinating cell division with cell motility	DST-SERB-CRG	Beuria,T.K., Dr. (M) Institute of Life Sciences Nalco Nagar Road, Chandrasekharpur Bhubaneswar - 751 023 Odisha	22.14	36
1097	Transcriptional repressors as friends or foes: Utilization to increase seed size in rice	DST-SERB-CRG	Agarwal,P., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	38.38	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1098	Transcriptome profiling of local Kashmiri vs commercial poultry for disease resistance against salmonellosis	DST-SERB-CRG	Syed,M., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus Post Box 262 Srinagar - 191 121 Jammu & Kashmir	60.19	36
1099	TRPV1 ion channel modulation by the Double-knot toxin: Mechanism and applications	DST-SERB-CRG	Kalia,J., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhauri Bhopal - 462 066 Madhya Pradesh	24.75	36
1100	Uncovering mechanisms to remodel cholesterol landscape in cancer cells	DST-SERB-CRG	Umasankar,P.K., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	30.73	36
1101	Uncovering the novel role(s) of HSP31/DJ-1 family proteins in the maintenance of mitochondrial health, DNA and protein homeostasis	DST-SERB-CRG	D'Silva,P.R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	48.93	36
1102	Understand regulation of heat shock factor 1 activities in human cells	DST-SERB-CRG	Pal,M., Dr. (M) Bose Institute P1/12, Scheme Viim Kolkata - 700 054 West Bengal	30.65	36
1103	Understanding Extracellular Vesicles (EVs) protein cargo of seminal plasma as a reason for poor fertility in cattle & buffalo bulls	DST-SERB-CRG	Kumar,R., Dr. (M) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	34.78	36
1104	Understanding impacts of grazing animals on ecosystems: Carbon storage and soil microbial functions	DST-SERB-CRG	Bagchi,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	44.25	36
1105	Understanding the anti-tumor activity of Natural Killer (NK) cells and improving its adoptive cellular therapy potential to control tumor growth	DST-SERB-CRG	Lal,G., Dr. (M) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	27.54	36
1106	Understanding the cellular interactions of Tospovirus and Thrips employing insect cell line	DST-SERB-CRG	Ghosh,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	34.30	36
1107	Understanding the Conidial Anastomosis Tube (CAT) fusion dynamics and its role in generating genetic diversity in a fungal pathogen Colletotrichum gloeosporioides.	DST-SERB-CRG	Baghela,A., Dr. (M) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	43.06	36
1108	Understanding the epigenetic methylation and miRNA mediated gene regulation of transcellular calcium transport genes in avian uterus during egg calcification	DST-SERB-CRG	Paswan,C., Dr. (M) ICAR-Directorate of Poultry Research Badvel Hyderabad - 500 030 Telangana	44.83	36
1109	Understanding the epigenetics of host pathogen interaction during Bovine Theileriosis	DST-SERB-CRG	Sharma,P., Dr. (M) National Institute of Animal Biotechnology D. No. 1-121/1, Axis Clinicals Building, Miyapur Hyderabad - 500 049 Telangana	63.74	36
1110	Understanding the mechanism for onset of reproductive activity in seasonally breeding reptile Hemidactylus flaviviridis: An emphasis on the role of the kisspeptin system	DST-SERB-CRG	Kumar,S., Dr. (M) Zakir Husain College J.L.N. Road New Delhi - 110 002 Delhi	33.05	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1111	Understanding the mechanism of host innate immune suppression by the Brucella effector protein, TcpB to identify novel drug targets for brucellosis	DST-SERB-CRG	Radhakrishnan,G., Dr. (M) National Institute of Animal Biotechnology D. No. 1-121/1, Axis Clinicals Building, Miyapur Hyderabad - 500 049 Telangana	25.38	36
1112	Understanding the molecular cross talk between light and abiotic stress in regulating the miRNA expression patterns modeled using rice plants	DST-SERB-CRG	Mishra,N.S., Dr. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	36.83	36
1113	Understanding the molecular mechanism of the calyntenin gene, CASY-1, in regulating GABAergic & Glutamatergic neurotransmission	DST-SERB-CRG	Babu,K., Dr. (F) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S.Nagar Mohali - 140 306 Punjab	25.58	36
1114	Understanding the role of MIR160 and Auxin response factors in establishment of root system architecture for improvement of crop Brassicas	DST-SERB-CRG	Singh,A., Dr. (F) TERI University TERI School of Advaced Studies, 10, Vasant Kunj, Institutional Area New Delhi - 110 070 Delhi	36.48	36
1115	Understanding the role of protein kinase CK2 in prevention of spurious intragenic transcription	DST-SERB-CRG	Bhat,A.W., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	37.38	36
1116	Understanding the role of SOS-regulated HNH nucleases of Mycobacterium Tuberculosis in latency and reactivation	DST-SERB-CRG	Matheshwaran,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kannauj - 208 016 Uttar Pradesh	31.30	36
1117	Understanding the structural basis of GPCR- β -arrestin interaction and signaling for designing pathway selective drugs	DST-SERB-CRG	Shukla,A.K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	25.85	36
1118	Unraveling the molecular mechanism of the transfer of -octanoyl chain from C8-ACP to the lipoyl domains by the lipoate protein ligase B of Leishmania	DST-SERB-CRG	Sundd,M., Dr. (F) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	31.97	36
1119	Unravelling molecular determinants of calcium homeostasis of Mycobacterium Tuberculosis and their role in pathogenesis	DST-SERB-CRG	Sharma,R., Dr. (M) CSIR-Institute of Genomics & Integrative Biology University Campus, Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	28.62	36
1120	Using high precision radio tags to relate movement patterns of migrant harriers with environmental and climatic factors	DST-SERB-CRG	Ganesh,T., Dr. (M) Ashoka Trust for Reseach in Ecology & the Environment Royal Enclave, Srirampura, Jakkur Post Bengaluru - 560 064 Karnataka	55.02	36
1121	Validation and reparameterization of the additive Amber force field for accurate modeling of modified RNA residues	DST-SERB-CRG	Lahiri,A., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	23.72	36
1122	Valorization of methane from biogas to biodiesel and Single Cell Proteins (SCPs) using methanotrophs (Methane Oxidizing Bacteria)	DST-SERB-CRG	Rahalkar,M.C., Dr. (F) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	27.67	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1123	Yeast model to study the role of astaxanthin in protecting oxidative DNA damage to alleviate age associated diseases in human	DST-SERB-CRG	Dyavaiah,M., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	36.00	36
1124	3D bioprinted in vitro drug screening platform to investigate cancer metastasis to bone	DST-SERB-ECRA	Sathy,B.N., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Centre for Nanosciences & Molecular Medicine, Kochi Ernakulam - 682 041 Kerala	35.46	36
1125	A cellular and molecular investigation of dynamic phytochemicals (andrographolide and plumbagin) in tobacco cutworm <i>Spodoptera litura</i> Fab. and their non-toxicity against beneficial earthworm	DST-SERB-ECRA	Prabhakaran,V.S., Dr. (M) St. Peter's Institute of Higher Education and Research Avadi Chennai - 600 054 Tamil Nadu	29.74	36
1126	A high throughput proteomics study to identify critical factors implicated in the pathogenesis of an excitotoxic brain disorder	DST-SERB-ECRA	Acharjee,P., Dr. (F) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	48.91	36
1127	A novel rapid sensitive fluorescent resonance energy transfer technique for selective detection and quantification of methicillin resistant <i>Staphylococcus aureus</i>	DST-SERB-ECRA	Kini,S., Dr. (M) N.I.T.T.E University University Enclave, Medical Science Complex, Deralakatt Mangalore - 575 018 Karnataka	36.14	36
1128	A structural & behavioural study on neurological changes in adult mice co-exposed to low-dose radiation and organophosphate pesticides during neonatal and postnatal stages of development	DST-SERB-ECRA	Mumbreakar,K.D., Dr. (M) Manipal University School of Life Sciences, Udupi Manipal - 576 104 Karnataka	28.03	36
1129	Aluv-X-developing Algae-based sunscreen formulations for wide-ranging Uv protection	DST-SERB-ECRA	Ramanan,R., Dr. (M) Central University of Kerala BKM Towers, P.O. Nayanmar Moola Vidyanagar Kasaragod - 671 123 Kerala	47.44	36
1130	Analyses on the impact of Bt transgenic events on the predators of aphid	DST-SERB-ECRA	Hugar,S.V., Dr. (M) College of Agriculture Dharwad - 580 005 Karnataka	24.36	36
1131	Antigen targeting to specific dendritic cell receptors as a strategy to enhance cytotoxic T cell response	DST-SERB-ECRA	Subramanian,M., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	43.38	36
1132	Assessment and understanding mechanism of insecticide resistance in <i>Tuta absoluta</i> : A new invasive pest in India	DST-SERB-ECRA	Prasannakumar,N.R., Dr. (M) ICAR-Indian Institute of Horticultural Research Hessaraghatta Lake Post Bengaluru - 560 089 Karnataka	31.50	36
1133	Association mapping of seed iron, zinc concentration and anti-nutritional factors in Lentil (<i>Lens culinaris</i> Medik.)	DST-SERB-ECRA	Aski,M., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	33.49	36
1134	Biochemical and molecular characterization of snake venom metalloproteinases and disintegrins from cobra venoms	DST-SERB-ECRA	Chanda,C., Dr. (M) K.L. University Green Fields, Vaddeswaram, Post Kunchanapalli Guntur - 522 502 Andhra Pradesh	40.37	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1135	Biological and molecular typing of diverse Papaya Ringspot Virus (PRSV) populations in relation to their host specificity, aphid transmissibility and geo-ecology	DST-SERB-ECRA	Basavaraj, Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	26.10	36
1136	Biomarkers of lithium response in bipolar disorder: Assessment of the clinical markers, peripheral blood based markers and structural neuroimaging markers (pertaining to gray matter volume) in individuals with bipolar disorder on long-term lithium proph	DST-SERB-ECRA	Pattanayak,R.D., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	25.59	36
1137	Bioprospecting plant essential oils for insecticidal properties against pulse beetle infesting stored legumes	DST-SERB-ECRA	Bandi,S.M., Dr. (M) ICAR-Indian Institute of Pulses Research Kanpur Nagar Kanpur - 208 024 Uttar Pradesh	29.34	36
1138	Bioprospecting, barcoding and in vitro culture for sustainable utilization of two selected RET listed medicinal plants Piper barberi and Smilax wightii	DST-SERB-ECRA	Swapna,T.S., Dr. (F) Kerala University 23, Palayam Airport Road Thiruvananthapuram - 695 034 Kerala	30.27	36
1139	Bird communication and signal propagation in dynamic soundscapes: Integrating behavior, physics and community ecology	DST-SERB-ECRA	Krishnan,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	31.02	36
1140	Blocking antiviral protein tetherin: A novel therapeutic strategy for systemic lupus nephritis	DST-SERB-ECRA	Srivastava,R., Dr. (F) M.S. University of Baroda Sayajigunj Vadodara - 390 020 Gujarat	35.46	36
1141	Broadening genetic diversity of Indian Mustard (Brassica juncea) through resynthesis of amphidiploid genome by crossing parental diploid species	DST-SERB-ECRA	Rao,M., Dr. (M) ICAR-National Institute for Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	33.64	36
1142	Cadaveric vein engineering for Dialysis access graft in end stage renal disease patients	DST-SERB-ECRA	Rakha,A., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	51.29	36
1143	Candidate gene association study and generation of genomic resources for flowering time traits in Linseed (Linum usitatissimum.L)	DST-SERB-ECRA	Wankhede,D.P., Dr. (M) ICAR-National Bureau of Plant Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	36.37	36
1144	Cell surface display of divalent Hsbp-OmpA protein on indigenous probiotic lactobacillus to counter gut pathogens helicobacter pylori and Salmonella typhimurium	DST-SERB-ECRA	Yadav,A.K., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	37.66	36
1145	Characterization of colostrum bio-active components from un-descriptive cattles & jersey of Himachal region and their application in the formulation of novel dairy products	DST-SERB-ECRA	Kumar,H., Dr. (M) Amity University NH-11C, Kant Kalwar Jaipur - 303 002 Rajasthan	42.05	36
1146	Characterization of M.tb, MDR-M.tb, BCG, rBCG, infected Alveolar macrophages and ESAT-6 antigen over expressing cells derived exosomes and their potential as effective adjuvant and candidate vaccines	DST-SERB-ECRA	Ansari,M.A., Dr. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	20.08	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1147	Characterization of rice calmodulin-lysine N-methyltransferase (CaM KMT) gene aiming at stress mitigation and grain quality improvement in rice	DST-SERB-ECRA	Banerjee,J., Dr. (M) Indian Institute of Technology (Kharagpur) Midnapore - 721 302 West Bengal	54.09	36
1148	Characterization of spliceosome-associated NineTeen Complex (NTC) like proteins in Toxoplasma gondii	DST-SERB-ECRA	Deshmukh,A.S., Dr. (M) National Institute of Animal Biotechnology D. No. 1-121/1, Axis Clinicals Building, Miyapur Hyderabad - 500 049 Telangana	30.73	36
1149	Cloning and characterization of major genes involved in stearidonic acid biosynthesis in buglossoides arvensis and engineered production of stearidonic acid in Chia (Salvia hispanica)	DST-SERB-ECRA	Sreedhar,R.V., Dr. (M) CSIR-Central Food Technological Research Institute Cheluvamba Mansion, Devaraja Mohalla, Kajjihundi Mysore - 570 020 Karnataka	30.12	36
1150	Cloning and characterization of PSPG motif containing glycosyltransferase genes involved in secondary metabolism from calotropis procera	DST-SERB-ECRA	Tripathi,V., Dr. (F) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	46.44	36
1151	Cognitive behavioral therapy versus steroids for optimizing the conventional therapy of chronic spontaneous Urticaria: A single blinded, factorial randomized controlled trial - CoBeTS trial	DST-SERB-ECRA	Munisamy,M., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantari Nagar Puducherry - 605 006 Puducherry	42.06	36
1152	Combination of GLP-1 and an angiotensin II type 1 receptor antagonist for the treatment of Type 2 Diabetes	DST-SERB-ECRA	Bhattacharyya,J., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	32.85	36
1153	CRISPR/ Cas9 based whole genome screening for response to drug treatment	DST-SERB-ECRA	Singh,N.S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	40.98	36
1154	Cyclin dependent kinase-5 (Cdk5) mediate unfolded protein response in Type 2 Diabetes	DST-SERB-ECRA	Binukumar,B.K., Dr. (M) CSIR-Institute of Genomics & Integrative Biology University Campus, Mall Road Delhi - 110 007 Delhi	49.85	36
1155	Deciphering the mechanism of alarmin induced necroptosis and its role in immune homeostasis and inflammation in Atherosclerosis	DST-SERB-ECRA	Tembhre,M.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	49.24	36
1156	Deciphering the mechanism of bioengineered substrate driven epithelial-to-mesenchymal transition: Implications in Breast Cancer therapy	DST-SERB-ECRA	Arya,N., Dr. (F) All India Institute of Medical Sciences Saket Nagar Bhopal - 462 020 Madhya Pradesh	31.60	24
1157	Deciphering the role of WNT, FGF and NOTCH signalling in the formation of musculoskeletal progenitors from human Pluripotent stem cells and in vitro production of skeletal muscles	DST-SERB-ECRA	Sudheer,S., Dr. (F) Central University of Kerala BKM Towers, Nayanmar Moola, Vidyannagar Kasaragod - 671 123 Kerala	44.95	36
1158	Decoding the traits of drug-resistance: Studying the genetic factors contributing to the survivability and adaptability of gut pathogens in antibiotic rich environment	DST-SERB-ECRA	Deekshit,V.K., Dr. (M) N.I.T.T.E University University Enclave, Medical Sciences Complex, Deralakatte Mangalore - 575 018 Karnataka	34.34	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1159	Delineating the role of microRNA in mediating transcriptional alterations during Arsenic-induced hepatocellular carcinogenesis	DST-SERB-ECRA	Tripathi,A.K., Dr. (M) National Institute for Research in Environmental Health Gandhi Medical College Campus Bhopal - 462 001 Madhya Pradesh	40.61	36
1160	Delineation of DNA structural features of various promoter categories in eukaryotes: An in silico approach	DST-SERB-ECRA	Yella,V.R., Dr. (M) K.L. University Green Fields, Vaddeswaram, Post Kunchanapalli Guntur - 522 502 Andhra Pradesh	23.77	36
1161	Delivery of resolvin carrier for treatment of Osteoarthritis	DST-SERB-ECRA	Agarwal,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.15	36
1162	Design and development of glycan based anti-infective agents from extremophilic cyanobacteria	DST-SERB-ECRA	Mandal,S., Dr. (F) Sree Chaitanya College Prafullanagar, Habra, 24 Pragana Kolkata - 743 268 West Bengal	35.91	36
1163	Designing of novel and eco-friendly tick control devices for cattle	DST-SERB-ECRA	Bhoopathy,D., Dr. (F) Madras Veterinary College District Vepey Chennai - 600 007 Tamil Nadu	32.80	36
1164	Determining seasonal and spatial occurrence of multiclass endocrine disrupting chemicals in the fishes, crustaceans and molluscs of the Vembanad urban estuary: Risk assessment by an untargeted metabolomics approach	DST-SERB-ECRA	Chatterjee,N.S., Dr. (M) ICAR-Central Institute of Fisheries Technology Willingodon Island, P.O. Matsypuri Kochi - 682 029 Kerala	34.78	36
1165	Determining the role of N6-methyladenosine reader, YTHDC2 in alternative pre-mRNA splicing	DST-SERB-ECRA	Misra,A., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	49.50	36
1166	Developing novel therapeutic strategies to target telomerase and telomeres in cancer	DST-SERB-ECRA	Khattar,E., Dr. (F) Narsee Monjee Institute of Management Studies V.I. Mehta Road, Vile Parle West, Juhu Mumbai - 400 056 Maharashtra	49.87	36
1167	Development of a mammalian expression system for generation of bispecific antibodies - A potential biomarker and therapeutics	DST-SERB-ECRA	Kumar,Y., Dr. (M) Netaji Subhas Institute of Technology Sector 3, Dwarka New Delhi - 110 078 Delhi	45.28	36
1168	Development of a monoclonal antibody based Erns antigen capture-ELISA for diagnosis of Bovine Viral Diarrhea Virus (BVDV) infection in cattle	DST-SERB-ECRA	Kalaiyarasu,S., Dr. (M) ICAR-National Institute of High Security Animal Diseases Hathai Kheda Dam Road, Anand Nagar Bhopal - 462 021 Madhya Pradesh	36.97	36
1169	Development of an efficient microbial consortium for the enhancement of plant growth and essential oil yield in Eryngium foetidum L. under abiotic stresses - a new approach towards organic farming	DST-SERB-ECRA	Swetha,S., Dr. (F) Jyothy Institute of Technology Centre for Incubation, Innovation Research and Consultancy, Tataguni Bengaluru - 560 062 Karnataka	28.89	36
1170	Development of antigen specific cell-free and cell-based novel immunotherapeutic strategies in cancer	DST-SERB-ECRA	Mukherjee,G., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	31.21	36
1171	Development of apple stem Grooving virus as Virus Induced Gene Silencing (VIGS) vector	DST-SERB-ECRA	Dhir,S., Dr. (M) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	42.46	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1172	Development of aptamer-based sensing techniques for the detection of delta-aminolevulinic acid, a biomarker of effect in lead toxicity	DST-SERB-ECRA	Ahirwar,R., Dr. (M) National Institute for Research in Environmental Health Kamla Nehru Hospital Building Bhopal - 462 001 Madhya Pradesh	32.35	36
1173	Development of high yielding rice variety of Manipur black scented Chakhao (Oryza Sativa L.)	DST-SERB-ECRA	Sarika,K., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Centrelamphepat Imphal - 795 004 Manipur	34.24	36
1174	Development of low phytic acid lines of model nutricereal, foxtail millet by targeted editing of pathway gene(s) using CRISPR/ Cas9 system for enhanced bioavailability of micronutrients	DST-SERB-ECRA	Muthamilarasan,M., Dr. (M) ICAR-National Institute for Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	32.58	36
1175	Development of microbial transformations and their applications for the production of industrially important molecules	DST-SERB-ECRA	Vamkudoth,K.R., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	36.91	36
1176	Development of modified lipid nanovesicles based oral drug delivery system for the treatment of Visceral Leishmaniasis	DST-SERB-ECRA	Lal,S.M., Dr. (M) Institute of Nano Science & Technology Phase-10, Sector-64, Mohali - 160 047 Punjab	49.46	36
1177	Development of multi-trait selection criteria for crossbred cattle of Kerala	DST-SERB-ECRA	Valsalan,J., Dr. (F) College of Veterinary & Animal Sciences Mannuthy Thrissur - 680 651 Kerala	28.51	36
1178	Development of real time multiplex PCR for the detection of poultry pathogens causing respiratory infections	DST-SERB-ECRA	Rajasekhar,R., Dr. (M) College of Veterinary & Animal Sciences Pookot, Iakkidi Wayanad - 673 576 Kerala	29.47	36
1179	Differential role of highly related J-proteins DNAJC19 and DNAJC15 in mitochondrial dysfunction	DST-SERB-ECRA	Sinha,D., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	50.71	36
1180	Discovery of genes regulating constituent physiological traits of water use efficiency in rice using automated mini-lysimeter and imaging technologies	DST-SERB-ECRA	Ramegowda,H.V., Dr. (M) University of Agricultural Sciences P.B. No. 2477, Gandhi Krishi Vignana Kendra Campus Bengaluru - 560 065 Karnataka	51.38	36
1181	Dissecting the biology of lithium response in human induced pluripotent stem cell derived neurons from patients with bipolar affective disorder	DST-SERB-ECRA	Viswanath,B., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	46.43	36
1182	Distribution mapping and systematic monographic study of Christella parasitica complex (Thelypteridaceae: Pteridophyta) from western ghats, India	DST-SERB-ECRA	Leon,R.S., Dr. (M) St. Xavier's College Palayankottai Tirunelveli - 627 002 Tamil Nadu	30.02	36
1183	Diversity, biogeography and response to simulated climate changes of cyanobacteria from wetlands of Punjab	DST-SERB-ECRA	Singh,Y., Dr. (M) Sri Guru Granth Sahib World University Fategarh Sahib - 140 406 Punjab	41.62	36
1184	Eco-friendly, biodegradable plastic degrading PHB depolymerase from microbes: Purification, characterization and biotechnological applications	DST-SERB-ECRA	Roohi,R., Dr. (F) Integral University Kursi Road Lucknow - 226 026 Uttar Pradesh	30.81	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1185	Effect of promoter mutation of candidate gene on growth kinetics and pathogenicity of Salmonella typhimurium	DST-SERB-ECRA	Ghorpade,P.B., Dr. (M) College of Veterinary & Animal Sciences Cattle Breeding Farm Parbhani - 431 402 Maharashtra	44.43	36
1186	Elucidating the histones role in α -synuclein aggregation: A precursor for Parkinson's disease	DST-SERB-ECRA	Padavattan,S., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	50.29	36
1187	Elucidating the role of GRAM-domain containing gene(s) in Bacillus amyloliquifaciens-mediated abiotic stress responses in plants	DST-SERB-ECRA	Lata,C., Dr. (F) CSIR-National Institute of Science, Communication & Information Resources Dr. K.S. Krishnan Marg, Pusa Campus New Delhi - 110 012 Delhi	39.33	36
1188	Emergence of resistance to new antibiotics through mutations and higher order epistatic interactions	DST-SERB-ECRA	Dhar,R., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	54.66	36
1189	Enabling high throughput phenotyping and genetic mapping for canopy size and structure components in sorghum diversity panel: Novel opportunities to understand and enhance environmental adaptations in sorghum	DST-SERB-ECRA	Choudhary,S., Dr. (F) International Crops Research Institute for the Semi-Arid Tropics Patancheru Hyderabad - 502 324 Telangana	27.61	36
1190	Environmental impact assessment of pesticide application for cashew plantation on soil bacterial diversity, soil biochemical processes and soil enzymes through molecular approaches	DST-SERB-ECRA	Sangeetha,J., Dr. (F) Central University of Kerala Padannakkad Kasaragod - 671 314 Kerala	24.23	36
1191	Epidemiology and assessment of predictive factors for geriatric fractures: The Chandigarh Geriatric Fracture (CGF) study	DST-SERB-ECRA	Sharma,S., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	38.88	36
1192	Estimation of site specific factor, mutation and dose response of natural radionuclides on aquatic biota from Kayamkulam Estuary, HBRA, Kerala - Eco-friendly remedial measures using agro waste	DST-SERB-ECRA	Musthafa,S.M., Dr. (M) The New College No. 87, Peters Road, Royapettah Chennai - 600 014 Tamil Nadu	35.39	36
1193	Evaluating anti-amyloidogenic propensity of surface functionalised carbon dots	DST-SERB-ECRA	Sarkar,N., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	38.85	36
1194	Evaluation and validation of anticancer metabolites from Himalayan lichens and development of polymeric nanoformulation as potential cancer therapeutic agent	DST-SERB-ECRA	Goel,M., Dr. (F) The Energy & Resources Institute Darbari Seth Block, India Habitat Center, Lodhi Road New Delhi - 110 003 Delhi	30.97	36
1195	Evaluation of different adjuvants for development of potent Chikungunya vaccine	DST-SERB-ECRA	Patil,H.P., Dr. (M) Interactive Research School for Health Affairs Bhaarti Vidyapeeth, Satara Road Pune - 411 043 Maharashtra	32.22	36
1196	Evaluation of season and sex specific differential gonadal transcriptome analysis in adult Himalayan snow trout, Schizothorax plagiostomus	DST-SERB-ECRA	Bhattacharya,I., Dr. (M) Hemwati Nandan Bahuguna Garhwal University Pauri Garhwal - 246 174 Uttarakhand	41.61	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1197	Evaluation of tomato lines carrying different combinations of Ty genes for resistance against Begomovirus infection	DST-SERB-ECRA	Sinha,S., Dr. (F) Bihar Agricultural University Sabour Bhagalpur - 813 210 Bihar	34.43	36
1198	Evaluation, utilization and disseminations of value added products from by-products of Bengal gram (Cicer arietinum) for food security	DST-SERB-ECRA	Budhwar,S., Dr. (F) Central University of Haryana Jantpali Mahendragarh - 123 029 Haryana	38.42	36
1199	Exploiting Bacillus, the microbial work-horse for biowaste utilization, biopolymer and biofuel production: Integrative and customised approach	DST-SERB-ECRA	Singh,M., Dr. (F) Gargi College Siri Fort New Delhi - 110 049 Delhi	36.74	36
1200	Exploration and exploitation of seaweed associated endophytic bacteria for disease management and growth promotion in rice	DST-SERB-ECRA	Krishnan,S., Dr. (M) ICAR-Central Island Agricultural Research Institute Garacharam Port Blair - 744 101 Andaman & Nicobar	41.33	36
1201	Exploration of genomic signatures for indigenous horses using next-generation sequencing approaches	DST-SERB-ECRA	Bhardwaj,A., Dr. (F) ICAR-National Research Centre on Equines Sirsa Road Hisar - 125 001 Haryana	41.79	36
1202	Explore and engineer feruloyl esterase from mangrove sediments for bio fuel production	DST-SERB-ECRA	Jeyaraman,A., Dr. (F) Lady Doak College Chinna Chokkikulam Madurai - 625 001 Tamil Nadu	34.21	36
1203	Exploring how β -catenin induced metabolic changes can be exploited for Triple Negative Breast Cancer (TNBC) prognosis and therapeutics	DST-SERB-ECRA	Prasad,C.P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	46.65	36
1204	Exploring the Bacillus thuringiensis genetic diversity with anti-coleopteran, anti-lepidopteron specific Cry genes to combat agriculturally important insect pest from north-east (Arunachal Pradesh) India	DST-SERB-ECRA	Kumar,P., Dr. (M) North Eastern Regional Institute of Sciences & Technology NH 52A, Nirjuli Itanagar - 791 109 Arunachal Pradesh	42.94	36
1205	Exploring the distribution and characterization of pathogenicity islands and ecological fitness genes in seafood associated V. parahaemolyticus	DST-SERB-ECRA	Kumar,K.B., Dr. (M) N.I.T.T.E University University Enclave, Medical Sciences Complex, Deralakatte Mangalore - 575 018 Karnataka	26.66	36
1206	Exploring the mechanism of accumulation and migration of Myeloid Derived Suppressor Cells (MDSC) in tumor bearing host and its role in tumor establishment and metastasis	DST-SERB-ECRA	Bhattacharyya,S., Dr. (M) Sidho Kanho Birsha University Ranchi Road, P.O-Sainik School Purulia - 723 104 West Bengal	43.86	36
1207	Exploring the molecular mechanism of plant adaptation along an elevational gradient in Picrorhiza kurroa through proteomic approach	DST-SERB-ECRA	Kumar,R., Dr. (M) CSIR-Institute of Himalayan Bioresource Technology Post Box No.6, Palampur Kangra - 176 061 Himachal Pradesh	23.20	36
1208	Fermentation-assisted technologies for the enrichment and recovery of novel bioactive compounds from food industry wastes in contaminated coastal regions of Odisha	DST-SERB-ECRA	Patra,N., Dr. (F) National Institute of Technology (Rourkela) Sector-1 Rourkela - 769 008 Odisha	21.70	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1209	Functional analysis of Spodoptera litura-inducible calmodulin-like protein from glycine max	DST-SERB-ECRA	Singh,A., Dr. (F) Hans Raj College Mahatma Hansraj Marg, Malkaganj Delhi - 110 007 Delhi	43.08	36
1210	Functional characterization of peroxisomal polyamine oxidase mediated abiotic stress tolerance in rice	DST-SERB-ECRA	Chowdhary,G.K., Dr. (M) Kalinga Institute of Industrial Technology University Chandrasekharapur Bhubaneswar - 751 024 Odisha	39.86	36
1211	Functional dissection of the essential RNase Xrn2 ¹ by high resolution genetic analysis	DST-SERB-ECRA	Chalamcharla,V.R., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	43.97	36
1212	Functional validation of highly stress responsive transcription factors and their promoters from drought tolerant plant Prosopis juliflora	DST-SERB-ECRA	George,S., Dr. (F) M.S. Swaminathan Research Foundation 3rd Cross Street, Taramani Chennai - 600 113 Tamil Nadu	38.99	36
1213	Fundamental elucidation of role of hydrogen peroxide (Reactive oxygen species) as signaling molecule for enhanced lipid biosynthesis in microalgae and its application for enhancement of high-value metabolites	DST-SERB-ECRA	Shekh,A.Y., Dr. (M) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	25.36	36
1214	G proteins and prions in regulation of neuritogenesis in Diabetes induced neurodegeneration	DST-SERB-ECRA	Devanathan,V., Dr. (F) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	39.13	36
1215	Generation of naturally occurring beneficial HPFH mutations using CRISPR-Cas9 based targeted genome editing to reactivate fetal hemoglobin: An strategy for treating β -hemoglobin disorders	DST-SERB-ECRA	Ramalingam,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	54.96	36
1216	Genetic and molecular characterization of HCV NS3, NS5A and NS5B Resistance-Associated Substitutions (RAS) to Direct Antiviral Agents (DAA) in patients undergoing DAA treatment	DST-SERB-ECRA	Choudhary,M.C., Dr. (M) Institute of Liver & Biliary Sciences D-1 Vasant Kunj New Delhi - 110 070 Delhi	35.82	36
1217	Genetic determinants in the carnosine-carnosinase system and their impact on Diabetic nephropathy	DST-SERB-ECRA	Bodhini,D., Dr. (F) Madras Diabetes Research Foundation. No. 4, Conran Smith Road, Gopalpuram Chennai - 600 086 Tamil Nadu	37.44	36
1218	Genome-wide analysis of Pyricularia grisea the causal agent of blast disease of pearl millet and characterization of pathogen effector candidates and host resistance genes	DST-SERB-ECRA	Nayaka,S.C., Dr. (M) Mysore University Mysore - 570 005 Karnataka	42.96	36
1219	Genome-wide analysis of WRKY transcription factors in pearl millet and their functional characterization in biotic stress tolerance	DST-SERB-ECRA	Giri,M.K., Dr. (M) Kalinga Institute of Industrial Technology University Chandrasekharapur Bhubaneswar - 751 024 Odisha	48.02	36
1220	Genome-wide association mapping and genetic characterization of Turicum Leaf Blight (Setosphaeria turcica) resistance in tropical maize germplasm	DST-SERB-ECRA	Kumar,B., Dr. (M) ICAR-Indian Institute of Maize Research Old Cotton Research Building Ludhiana - 141 004 Punjab	28.33	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1221	Genomewide molecular sequence convergence - patterns and processes	DST-SERB-ECRA	Vijay,N., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	49.24	36
1222	Genomics-guided exploration of polyketide synthases for sustainable production of long chain Omega-3 fatty acid via metabolic engineering	DST-SERB-ECRA	Dhar,H., Dr. (F) National Agri-Food Biotechnology Institute Nabi, C-127, Industrial Area, S.A.S Nagar, Phase 8 Mohali - 160 071 Punjab	35.68	36
1223	HaploNILs: Transcending from candidate genes to haplotypes for enhanced genetic gains in rice	DST-SERB-ECRA	Singh,V.K., Dr. (M) International Rice Research Institute Patancheru, Medak Hyderabad - 502 324 Telangana	46.31	36
1224	High throughput screening of inhibitors to desegrester Plasmodium gametocytes from human bone marrow to block transmission of parasites	DST-SERB-ECRA	Goel,S., Dr. (F) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	37.73	36
1225	Identification and development of novel antimicrobial peptides to tackle antimicrobial resistance	DST-SERB-ECRA	Panicker,V.P., Dr. (F) College of Veterinary & Animal Sciences Mannuthy Thrissur - 680 651 Kerala	29.96	36
1226	Identification and validation of QTLs linked to Fusarium wilt resistance in pigeon pea using SNP markers	DST-SERB-ECRA	Prashat,R.G., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	43.38	36
1227	Identification of bacteria blight resistance genes in pomegranate based on dual-mixed transcriptomics of xanthomonas axonopodis pv. Punicae and pomegranate	DST-SERB-ECRA	Gunnaiah,R., Dr. (M) University of Horticultural Sciences Udyanagiri, Hubli bypass Road, Navanagar Bagalkot - 587 104 Karnataka	39.10	36
1228	Identification of novel biofilm based vaccine candidates of Pasteurella multocida	DST-SERB-ECRA	Sriram,V.K., Dr. (M) College of Veterinary Science Mamnoor Hyderabad - 506 166 Telangana	29.02	36
1229	Identification of the regulatory mechanisms executed by bile acids during inflammation induced Colon cancer	DST-SERB-ECRA	Jamma,T., Dr. (M) Birla Institute of Technology & Science (Pilani) Shameerpet Mandal, Jawahar Nagar Hyderabad - 500 078 Telangana	43.83	36
1230	Identification of the substrates of DHHC palmitoyl acyltransferases by rational design of trifunctional probe and exploration of protein S-palmitoylation	DST-SERB-ECRA	Sadhukhan,S., Dr. (M) Indian Institute of Technology (Palakkad) Ahalia Integrated Campus, Palakkad Kozhippara - 678 557 Kerala	36.75	36
1231	Identification, characterization and validation of miRNAs and target miRNAs associated with nitrogen use efficiency in cultivated and progenitors based synthetic hexaploid wheat	DST-SERB-ECRA	Sathee,L., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	30.30	36
1232	Immunopathology in the context of aging and evolution	DST-SERB-ECRA	Khan,I., Dr. (M) Ashoka University Plot No. 2, Rajiv Gandhi Education City, Rai Sonapat - 131 029 Haryana	42.40	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1233	Impact of <i>Vetiveria zizanioides</i> (L.), its root exudates and associated microbial communities on biogeochemistry of heavy metals and their application in development of remediation strategies for heavy metal contaminated sites	DST-SERB-ECRA	Mewaram,R.R., Dr. (F) Motilal Nehru National Institute of Technology (Allahabad) Teliarganj Allahabad - 211 004 Uttar Pradesh	35.98	36
1234	Improving stability and ensuring targeted delivery of anthocyanin through biopolymer based customized triggered-release formulation	DST-SERB-ECRA	Dutta,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	25.02	36
1235	In silico investigation of autophagosome formation during autophagy: From structural mechanism to therapeutic solution	DST-SERB-ECRA	Thukral,L., Dr. (F) CSIR-Institute of Genomics & Integrative Biology University Campus, Mall Road Delhi - 110 007 Delhi	27.62	36
1236	In vitro studies to investigate the therapeutic approach of editing the defective exon 3 of the human CHST6 gene associated with macular corneal dystrophy through the CRISPR-Cas9 technology	DST-SERB-ECRA	Ponnam,S., Dr. (M) Tezpur University Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	45.95	36
1237	Induction of secondary metabolites in microbes via co-cultivation based elicitation	DST-SERB-ECRA	Jaglan,S., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	47.92	36
1238	Insights into inhibition of peptidoglycan pentaglycine cross bridge forming Fem proteins of methicillin resistance staphylococcus aureus	DST-SERB-ECRA	Sagurthi,S.R., Dr. (M) Osmania University Hyderabad - 500 007 Telangana	28.34	36
1239	Insights into the molecular pathogenesis of metabolic syndrome components in benign prostatic hyperplasia induced Wistar rats: Effects of treatment with Ginger (<i>Zingiber officinale</i>)	DST-SERB-ECRA	Sankar,P., Dr. (M) All India Institute of Medical Sciences Virbhadra Road, Shivaji Nagar, Near Bairaj Lake Rishikesh - 249 201 Uttarakhand	40.70	36
1240	Integrated biocatalytic disintegration of chitin rich biowaste for improved production of bioactive chitoooligosaccharides, glucosamine and ethanol	DST-SERB-ECRA	Pareek,N., Dr. (F) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	41.64	36
1241	Integrated water quality evaluation of Mahisagar river using benthic macroinvertebrates	DST-SERB-ECRA	Khatri,N., Dr. (F) Gujarat Environment Management Institute Gemi's Laboratory - A-58, Sector-25 Gandhinagar - 382 010 Gujarat	44.66	36
1242	Introgression of saltol and sub-1 genes into restorer line of popular rice hybrids Ajay and Rajalaxmi through marker assisted selection	DST-SERB-ECRA	Katara,J.L., Dr. (M) ICAR-Central Rice Research Institute Bidyadharpur Cuttack - 753 006 Odisha	41.83	36
1243	Investigating mechanisms regulating prion formation and propagation in Vivo	DST-SERB-ECRA	Mishra,P., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	33.00	36
1244	Investigating the role of bivalent chromatin and immediate-early genes in long-term memory formation	DST-SERB-ECRA	Das,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	41.80	36
1245	Investigating the role of cohesion in nucleoid dynamics under antibiotic stress	DST-SERB-ECRA	Joshi,M.C., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	47.85	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1246	Investigation of bacterivorous soil protozoa and rhizosphere bacterial interactions for improved plant growth promotion: Testing the auxiliary microbial loop hypothesis	DST-SERB-ECRA	Natarajan,A., Dr. (M) U.K.A Tarsadia University Maliba Campus, Gopal Vidyanagar, Baroli-Mahuva Road Surat - 394 350 Gujarat	29.06	36
1247	Investigation of clinicopathological impact of cholesterol metabolism in glioblastomas and identification of putative actionable target	DST-SERB-ECRA	Purkait,S., Dr. (M) All India Institute of Medical Sciences Sijua, Patrapada Bhubaneswar - 751 019 Odisha	48.11	36
1248	Investigation of molecular mechanism of Piriformospora indica interaction and bio-protection in the 'Patho-system tomato-fusarium'	DST-SERB-ECRA	Tripathi,S., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	24.53	36
1249	Investigation of the functional roles of the RNA polymerase I transcription factor complex selectivity factor 1 by CRISPR/ Cas9 assisted genome engineering	DST-SERB-ECRA	Naidu,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	47.72	36
1250	Investigation on marine microalgal carotenoids and its nano formulation for bioavailability and anticancer perspectives	DST-SERB-ECRA	Jayappriyan,K.R., Dr. (M) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	36.48	36
1251	Isolation & characterization of bio-contaminant from indoor environment in Delhi residence and their impact on human health	DST-SERB-ECRA	Singh,R., Dr. (M) Delhi University Satyawati College, Ashok Vihar, Phase III Delhi - 110 052 Delhi	33.12	36
1252	Kisspeptinergic system in the hypothalamo-ovarian tissue and its role in modulating the HPG axis in the anestrus buffalo	DST-SERB-ECRA	Patra,M.K., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	30.49	36
1253	Lipid modification in oilseed crop using $\Delta 6$ Des and $\Delta 5$ Des from microalgae: A focus towards omega 3/6 fatty acid production	DST-SERB-ECRA	Kathiresan,S., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	34.34	36
1254	Maintenance of pro-tumorigenic repressive chromatin by NF-kB: Towards novel therapeutic approaches and physiological insights	DST-SERB-ECRA	Vallabhapurapu,S., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	45.72	36
1255	Mapping and marker assisted breeding for Alternaria leaf spot resistance in Indian cauliflower	DST-SERB-ECRA	Singh,S., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	32.91	36
1256	Mapping nucleosome positioning and their influence on stress response in Chickpea	DST-SERB-ECRA	Roorkiwal,M., Dr. (M) International Crops Research Institute for the Semi-Arid Tropics Patancheru Hyderabad - 502 324 Telangana	42.82	36
1257	Marker assisted breeding for combined resistance to major soil borne diseases (bacterial wilt & Phytophthora root rot) & root-knot nematodes in Chillii (Capsicum annum L.).	DST-SERB-ECRA	Ponnam,N., Dr. (M) ICAR-Indian Institute of Horticultural Research Hessaraghatta Lake Post Bengaluru - 560 089 Karnataka	40.21	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1258	Marker-assisted introgression of high-yield and durable blast resistance genes (OsSPL14 and Pi-54) for genetic improvement in Manipur black rice (Chakhao)	DST-SERB-ECRA	Umakanta,N., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	51.37	36
1259	Mechanistic role of fibronectin containing the alternatively spliced extra domain A in myocardial Ischemia-reperfusion injury	DST-SERB-ECRA	Prakash,P., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Reabareli Road Lucknow - 226 014 Uttar Pradesh	51.20	36
1260	Microbial isolation and screening for acyltransferase activity on amides for the production of industrially important hydroxamic acids from thermal springs of northern India	DST-SERB-ECRA	Mehta,P.K., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	48.66	36
1261	MITOLINK: A web-based platform for genotype-phenotype correlation for mitochondrial diseases	DST-SERB-ECRA	Bhardwaj,A., Dr. (F) CSIR-Institute of Microbial Technology Sector 39 A, Chandigarh - 160 036 Chandigarh	12.94	36
1262	Molecular dissection of miRNA mediated regulation of phytohormone signalling cascade for inducing pod borer resistance in pigeon pea	DST-SERB-ECRA	Malhotra,E.V., Dr. (F) ICAR-National Bureau of Plant Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	42.84	36
1263	Molecular ecology of aedes aegypti in India: Elucidating genetic structure, dispersal potential and connectivity among populations	DST-SERB-ECRA	Gupta,B., Dr. (F) ICMR-Vector Control Research Centre Centre for Research in Medical Entomology, 4, Sarojini Street, Chinna Chokkikulam, P.O. Box-11 Madurai - 625 002 Tamil Nadu	44.66	36
1264	Monoecious sex expression in Muskmelon (Cucumis melo L.): Inheritance and molecular mapping of monoecism using linked markers	DST-SERB-ECRA	Karmakar,P., Dr. (M) ICAR-Indian Institute of Vegetable Research P.O. Jakhini (Shahanshahpur) Varanasi - 221 305 Uttar Pradesh	41.94	36
1265	Multi-omic approaches and mass spectrometry based tissue metabolite imaging towards understanding metabolites localisation and metabolic pathways in specific cell/tissues of key medicinal plant, dysoxylum binectariferum	DST-SERB-ECRA	Patel,M., Dr. (M) Institute of Trans-Disciplinary Health Sciences and Technology Foundation for Revitalisation of Local Health Traditions, No. 74/2, Jarakabande Kaval Bengaluru - 560 064 Karnataka	46.63	36
1266	Natural variation of plant root development under high temperature stress in Arabidopsis	DST-SERB-ECRA	Satbhai,S.B., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	38.80	36
1267	Optimize the synthesis of novel radiopaque microbeads radiolabeled with 188-Re and demonstrate their Therapeutic efficacy as Radioembolizing (TARE) agents in treatment of Liver tumors	DST-SERB-ECRA	Somasundaram,V.H., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Ponekkara Kochi - 682 041 Kerala	54.62	36
1268	Patho-epidemiology & development of user-friendly immunodiagnostic assay for rapid detection of S. suis in pigs	DST-SERB-ECRA	Sahoo,M., Dr. (F) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	42.28	36
1269	Pharmacodynamic modulation of cardiac angiotensin and adrenergic signaling in arsenic-exposed rats	DST-SERB-ECRA	Kesavan,M., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	46.69	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1270	Physiological and molecular characterization of root developmental plasticity under low nitrogen availability	DST-SERB-ECRA	Singh,A.P., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	49.70	36
1271	Podocyuria in children with nephrotic syndrome: Can urine podocyte levels and its growth characteristics predict steroid resistance	DST-SERB-ECRA	Singh,L., Dr. (F) Chacha Nehru Bal Chikitsalaya Raja Ram Kohli Marg, Geeta Colony Delhi - 110 031 Delhi	37.65	36
1272	Radiation mediated active targeting of tumor microenvironment for enhanced delivery of nanotherapeutics in an in-vitro and in-vivo model of glioblastoma	DST-SERB-ECRA	Jyoti,A., Dr. (M) Daulat Ram College 4 Patel Marg Delhi - 110 007 Delhi	47.61	36
1273	RE-Emergence of vibrio vulnificus risk in seafood safety in response to climatic changes	DST-SERB-ECRA	Alamelu,V., Dr. (F) Tamil Nadu Fisheries University Dr. M.G.R. Fisheries College & Research Institute, Vettar River View Campus Nagapattinam - 611 002 Tamil Nadu	39.68	36
1274	Revealing the mechanism and components of systemic acquired resistance in Brassica juncea	DST-SERB-ECRA	Rustagi,A., Dr. (F) Gargi College New Delhi - 110 049 Delhi	36.32	36
1275	RNA-seq based mapping of robust root system architecture for identification of candidate genes	DST-SERB-ECRA	Kulkarni,K.S., Dr. (F) ICAR-Indian Institute of Rice Research Rajendrangar Hyderabad - 500 030 Telangana	44.18	36
1276	Rod-shaped polymeric nanoparticles for targeted delivery of artemisinin-derivatives to plasmodium-infected erythrocytes for improved intravenous therapy of Cerebral Malaria	DST-SERB-ECRA	Jindal,A.B., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	44.30	36
1277	Role of Centriole Protein, CPAP, in neurodevelopmental disorder	DST-SERB-ECRA	Singh,P., Dr. (F) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	38.74	36
1278	Role of endogenous intermediate progenitors in neurogenesis following neurodegeneration	DST-SERB-ECRA	Tripathi,P.P., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	33.97	36
1279	Role of gut microbiota in the behavioral plasticity of Zebra fish models	DST-SERB-ECRA	Ramachandran,B., Dr. (M) Christ College Irinjalakuda Thrissur - 680 125 Kerala	35.95	36
1280	Role of Microma-203 in the regulation of the genes that are upregulated in Triple Negative Breast Cancer (TNBC)	DST-SERB-ECRA	Sirigiri,D.N., Dr. (M) B.M.S. College of Engineering Bull Temple Road Bengaluru - 560 019 Karnataka	45.08	36
1281	Role of microRNAs controlled by c-Myc and Bmi1 in human gliomas and glioma stem cells	DST-SERB-ECRA	Garg,N., Dr. (F) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	47.57	36
1282	Role of microRNAs in obesity induced adipocyte reprogramming causing inflammation and Insulin resistance	DST-SERB-ECRA	Pal,D., Dr. (F) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	47.82	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1283	Role of municipal wastewater treatment plants in abundance and dissemination of antibiotic resistance in urban stream of Ganges river	DST-SERB-ECRA	Tripathi,V., Dr. (M) Sam Higginbottom Institute of Agriculture, Technology & Sciences Allahabad - 211 007 Uttar Pradesh	42.97	36
1284	Role of RNA polymerase III generated non-coding RNAs in Myelination	DST-SERB-ECRA	Aneeshkumar,A.G., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	39.29	36
1285	Selection of Aptamers against Monocrotophos for its detection in various agricultural produce	DST-SERB-ECRA	Singh,S., Dr. (F) Sardarkrushinagar Dantiwada Agricultural University S.K.Nagar, Banaskantha Ahmedabad - 385 506 Gujarat	31.13	36
1286	Selective removal of inhibitors found in lignocellulosic hydrolysates and simultaneous conversion of mixed sugars into bio-ethanol using microbial consortium	DST-SERB-ECRA	Singh,A., Dr. (F) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	27.34	36
1287	Significance of 5-hydroxymethylcytosine in neurodegeneration associated with rapid eye movement sleep deprivation	DST-SERB-ECRA	Dhawan,U., Dr. (F) Bhaskraycharya College of Applied Sciences Sector 2, Phase 1, Dwarka New Delhi - 110 075 Delhi	40.11	36
1288	Silencing of TCTP gene expression to study the regeneration in earthworm Perionyx excavatus	DST-SERB-ECRA	Jacksondurairaj,S., Dr. (M) Sathyabama University Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur Chennai - 600 119 Tamil Nadu	37.45	36
1289	Sodium/Glucose co-Transporter-1 (SGLT1) and Glucagon Like Peptide-1 (GLP-1) mediated nutrient sensing in metabolic disorders	DST-SERB-ECRA	Cheethirala,M.B., Dr. (M) Sathyabama University Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur Chennai - 600 119 Tamil Nadu	53.60	36
1290	Spatial and temporal changes in land-use/land-cover of Nongkhyllum Wildlife Sanctuary of Meghalaya and its effect on plant diversity, community characteristics, soil physico-chemical and biological properties	DST-SERB-ECRA	Bhuyan,S.I., Dr. (M) Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya Behali - 784 184 Assam	28.62	36
1291	SPDT Transporter based identification of low phosphorus/ Phytate rice (Oryza sativa L.) to reduce the removal of phosphorus from soil and eutrophication of waterways	DST-SERB-ECRA	Kumar,A., Dr. (M) ICAR-Central Rice Research Institute Bidyadharpur Cuttack - 753 006 Odisha	35.25	36
1292	Stress resistance and characterization of exopolysaccharides secreted by oral bacterial biofilm communities: A target for developing novel anti-biofilms therapeutics	DST-SERB-ECRA	Periasamy,S., Dr. (M) Rajalakshmi Engineering College Rajalakshmi Nagar, Thandalam Chennai - 602 105 Tamil Nadu	35.44	36
1293	Structural and functional characterization of an ABC transporter involved in the maintenance of lipid asymmetry in Escherichia coli and Shigella flexneri: Structure-based drug-designing	DST-SERB-ECRA	Kanaujia,S.P., Dr. (M) Indian Institute of Technology (Guwahati) Near Doulobinda Road, Amingaon Guwahati - 781 039 Assam	27.50	36
1294	Studies on the interaction mechanism between resistant rice varieties and planthopper assemblages mediated through the phloem	DST-SERB-ECRA	Srinivasan,T., Dr. (F) Sathyabama University Sathyabama Institute of Science and Technology, Jeppiar Nagar, Rajiv Gandhi Road Chennai - 600 119 Tamil Nadu	38.56	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1295	Study of astrocytic plasticity in stress disorders	DST-SERB-ECRA	Marathe,S.V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	37.18	36
1296	Study of osteogenic humoral factors on fracture healing in patients with head injury: Decoding the mystery	DST-SERB-ECRA	Vijaykumar,D., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	46.38	36
1297	Study of persistent organic pollutants in sediments of River Ganges, their genotoxic effect on catfish reproduction and development	DST-SERB-ECRA	Singh,R.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	41.41	36
1298	Study the role epigenetics in capsicum F1 hybrid heterosis and development of epigenetic markers to be used in future capsicum breeding programme	DST-SERB-ECRA	Jaiswal,V., Dr. (F) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	27.06	36
1299	Substrate specificity of human SET7/9 lysine methyltransferase and identification of new substrates	DST-SERB-ECRA	Dhayalan,A., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	44.47	36
1300	Surveillance of dairy products for antibiotic resistant zoonotic bacterial pathogens under field conditions	DST-SERB-ECRA	Vishweswaraiiah,R.H., Dr. (M) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	34.88	36
1301	Systemic & local oxidative post-translational modification - S -glutathionylation in COPD	DST-SERB-ECRA	Agarwal,A.R., Dr. (M) Chest Research Foundation Survey No. 15, Marigold Complex, Kalyani Nagar Pune - 411 014 Maharashtra	39.28	36
1302	Taxonomy and molecular phylogeny of the genus heliotropium L. (Boraginaceae) in India	DST-SERB-ECRA	Ancy,A., Dr. (F) St. Alberts College Banerji Road Ernakulam - 682 018 Kerala	27.97	36
1303	Temporal synchrony of plant & its endophytes in insect stress responses	DST-SERB-ECRA	Mathur,V., Dr. (F) Sri Venkateswara College Benito Juarez Road, Dhaula Kuan New Delhi - 110 021 Delhi	35.19	36
1304	The effect of colchicine on the mortality of severe sepsis - A randomised control trial	DST-SERB-ECRA	Ramanathan,V., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantari Nagar Puducherry - 605 006 Puducherry	29.50	36
1305	The structure and evolution of environmental resistomes	DST-SERB-ECRA	Sathi,S.N., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	44.53	36
1306	Therapeutic implications of sphingosine-1-phosphate in vascular remodeling and liver regeneration in Hepatopulmonary syndrome	DST-SERB-ECRA	Sukriti,S., Dr. (F) Institute of Liver & Biliary Sciences D-1 Vasant Kunj New Delhi - 110 070 Delhi	45.00	36
1307	To elucidate the mechanisms regulating testicular germ cell apoptosis in high fat diet induced obesity leading to Insulin resistance	DST-SERB-ECRA	Mukherjee,S., Dr. (F) Visva Bharati University Bolpur, Birbhum Santiniketan - 731 235 West Bengal	39.32	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1308	To investigate the critical role of Osteopontin (OPN) on MAVS-mediated HCV replication, assembly and impaired host innate response during HCV infection	DST-SERB-ECRA	Iqbal,J., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	57.50	36
1309	To investigate the mechanism of CRISPR-Cas regulated biofilm formation in Salmonella enterica serovar Typhimurium	DST-SERB-ECRA	Marathe,S.A., Dr. (F) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	43.71	36
1310	To investigate the role of Fetuin-A in lipotoxicity induced beta-cell dysfunction and inflammatory injury to the pancreatic islets	DST-SERB-ECRA	Kundu,R., Dr. (M) Visva Bharati University Birbhum, Bolpur Santiniketan - 731 235 West Bengal	42.10	36
1311	Transcriptional regulation of ICAM-1 gene expression in human monocyte and macrophage cells	DST-SERB-ECRA	Yadav,V., Dr. (M) Central University of Haryana Jant-Pali Mahendragarh - 123 029 Haryana	47.60	36
1312	Understanding entry of Chikungunya virus and engineering self-assembly system based anti-Chikungunya vaccine	DST-SERB-ECRA	Ray,U., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	35.88	36
1313	Understanding squirrels for science and conservation in lesser studied eastern Himalayan landscapes of Arunachal Pradesh, India	DST-SERB-ECRA	Chatakonda,M.K., Dr. (M) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	25.41	36
1314	Understanding structure-function relationship of G-quadruplex DNA conformation with plant developmental responses	DST-SERB-ECRA	Garg,R., Dr. (F) Shiv Nadar University Village Chithera, Tehsil Dadri, Guutam Buddha Nagar Noida - 203 207 Uttar Pradesh	50.35	36
1315	Understanding the metabolic cross-talk between head and neck squamous cell carcinoma and tumor associated fibroblasts	DST-SERB-ECRA	Kumar,D., Dr. (M) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	35.51	36
1316	Understanding the role of exosomes in Marek's disease pathogenesis: An in vitro approach	DST-SERB-ECRA	Kumar,A., Dr. (M) ICAR-Indian Veterinary Research Institute Izatanagar Bareilly - 243 122 Uttar Pradesh	35.35	36
1317	Understanding the role of long non-coding RNAs (lncRNAs) in Transforming Growth Factor-beta (TGF- β) pathway in Glioblastoma	DST-SERB-ECRA	Sharma,V., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	47.26	36
1318	Understanding the role of nodule-specific PIN-LIKES (PILS) protein in peanut root nodule development	DST-SERB-ECRA	Sinharoy,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box. No. 10531 New Delhi - 110 067 Delhi	48.25	36
1319	Understanding the structure function relationship of the natural anticoagulant ZPI, a member of Serpin superfamily	DST-SERB-ECRA	Sengupta,T., Dr. (F) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), Kalavakkam Kanchipuram - 603 110 Tamil Nadu	34.63	36
1320	Understanding Wnt pathway and lncRNAs interaction for the identification of novel therapeutic targets in triple-negative Breast cancers	DST-SERB-ECRA	Pandey,A.K., Dr. (M) Amity University Amity Education Valley, Panchgaon, Manesar Gurgaon - 122 413 Haryana	51.63	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1321	Use of geographic information systems in health systems research in rural areas of Nagaland	DST-SERB-ECRA	Ramesh,R.M., Dr. (M) Christian Institute Of Health Sciences & Research 4th Mile, Diphupar Dimapur - 797 112 Nagaland	16.09	25
1322	Where are geographic barriers to avian geneflow across peninsular India: Testing hypotheses on biogeography, genetic connectivity and evolution	DST-SERB-ECRA	Vijayan,R., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Chittoor - 517 507 Andhra Pradesh	35.05	36
1323	Alleviating effect of micronutrient combinations in improving the differentiating potency of human brain cancer stem cells: An explorative mechanistic study	DST-SERB-EMEQ	Ajumeera,R., Dr. (M) ICMR-National Institute of Nutrition P.O. Jamai-Osmania, Tarnaka Hyderabad - 500 007 Telangana	38.84	36
1324	Alzheimer's disease: Is age-related subtil DNA damage the trigger of the sporadic Alzheimer's disease?	DST-SERB-EMEQ	Biswas,S.C., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	30.39	36
1325	An integrated genomic approach to delineate molecular links underlying hypoxia mediated epithelial mesenchymal transition in cancer metastasis	DST-SERB-EMEQ	Kumpati,P., Dr. (M) Bharathidasan University Mathur, Mandaiyur Tiruchirappalli - 620 024 Tamil Nadu	40.68	36
1326	Applications of bio-inspired nanoparticles in improvement of plant crop productivity: An interdisciplinary approach	DST-SERB-EMEQ	Bankar,A.V., Dr. (M) Abasaheb Garware College Karve Road, Bharati Niwas Colony, Erandwane Pune - 411 004 Maharashtra	39.43	36
1327	Assessment of Amphibian diversity of central Indian & identification of cryptic species using integrative taxonomic	DST-SERB-EMEQ	Sailo,S., Dr. (F) Zoological Survey of India Central Zone Regional Centre, Vijaynagar Jabalpur - 482 002 Madhya Pradesh	39.16	36
1328	Association mapping for yield & yield related traits in a diverse core set of rice bean (Vigna umbellata (Thumb.) Ohwi & Ohashi)	DST-SERB-EMEQ	Philanim,W.S., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road, Ri-Bhoi Umiam - 793 103 Meghalaya	41.93	36
1329	Characterization & understanding the genetics of Ustilagoidea virens & identification of false smut disease tolerant sources in rice	DST-SERB-EMEQ	Ladhalakshmi,D., Dr. (F) ICAR-Indian Institute of Rice Research Rajendranagar Hyderabad - 500 030 Telangana	33.30	36
1330	Climate change mediated aerobiological studies of rice airborne pathogens & their management	DST-SERB-EMEQ	Ayyanar,K., Dr. (M) Tamil Nadu Agricultural University Lawley Road, Pappanaicken Pudur Coimbatore - 641 003 Tamil Nadu	28.04	36
1331	Conjoint approaches of microbial consortia & nanobiotechnology for biodegradation of low density polyethylene	DST-SERB-EMEQ	Santal,A.R., Dr. (F) Maharshi Dayanand University Rohtak - 124 001 Haryana	50.58	36
1332	Deciphering Jasmonic acid biosynthesis pathway & its role in Potassium (K) deficiency tolerance in Chickpea (Cicer arietinum)	DST-SERB-EMEQ	Singh,A., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	48.34	36
1333	Developing low cost sulphur fertilizers by using municipal solid waste for sustainable Mustard production	DST-SERB-EMEQ	Meena,M.D., Dr. (M) ICAR-Directorate of Rapeseed Mustard Research Sewar Bharatpur - 321 303 Rajasthan	33.45	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1334	Development of a novel approach for the detection & characterization of circular RNAs by multiple displacement amplification	DST-SERB-EMEQ	Pandi,G., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	40.44	36
1335	Development of a plant based biomanufacturing platform to be used in the molecular farming of heterologues proteins/peptides with commercial potential	DST-SERB-EMEQ	Satheeshkumar,P.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	38.32	36
1336	Development of new & utilization of existing CRISPR-Cas tools to understand genetic regulators of cytoskeleton in cardiomyocyte	DST-SERB-EMEQ	Singh,N.S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) College of Engineering, Computer Science Building Thiruvananthapuram - 695 016 Kerala	47.35	36
1337	Development of optogenetic tools for studying cAMP & di-cAMP modulated survival & pathogenicity of the bacteria	DST-SERB-EMEQ	Kateriya,S., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	32.99	36
1338	Development of photosensitive biomarkers for hair dye ingredients phototoxicity & protection through antioxidants/nanotized antioxidants for human safety	DST-SERB-EMEQ	Ray,R.S., Dr. (M) CSIR-Indian Institute of Toxicology Research Mahatma Gandhi Marg, Post Box No. 80 Lucknow - 226 001 Uttar Pradesh	46.81	36
1339	Development of recombinant antibodies platform for diagnosis of Rabies virus & its evaluation as biotherapeutics	DST-SERB-EMEQ	Chander,V., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	39.96	36
1340	Endophytic bacterial community of rice root from saline zone of Sundarban, West Bengal: Development of microbial biofertilizers using Indigenous Microorganisms (IMO's) - based technology for higher rice production	DST-SERB-EMEQ	Dhal,P.K., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	38.19	36
1341	Examining binding interactions of the long non-coding RNA CHAST in cardiac hypertrophy & evaluating the structural details of its mechanism of action	DST-SERB-EMEQ	Ekka,M.K., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mall Road, New Jubilee Hall Delhi - 110 007 Delhi	38.71	36
1342	Fine mapping of novel leaf rust resistance gene in Triticum Militinae Derivatives 'TMD 11-5'	DST-SERB-EMEQ	Mallick,N., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	32.24	36
1343	Foraging behaviour & ecological implications of insectivorous bats	DST-SERB-EMEQ	Elangovan,V., Dr. (M) Babasaheb Bhimrao Ambedkar University Vidya Vihar, Raebareli Road Lucknow - 226 025 Uttar Pradesh	46.69	36
1344	Generation & differentiation of foot print-free goat (Capra hircus) iPSCs into muscle cells: A step forward for test tube meat production	DST-SERB-EMEQ	Verma,V., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Raebarelli Road Lucknow - 226 014 Uttar Pradesh	47.02	36
1345	Generation, characterization & evaluation of mouse monoclonal antibody against Canine Distemper virus for diagnostic potential	DST-SERB-EMEQ	Kaushal,K.R., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	53.72	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1346	Genome-wide association studies for yield & protein content in Proso Millet (<i>Panicum miliaceum</i> L.)	DST-SERB-EMEQ	Singode,A., Dr. (M) ICAR-Indian Institute of Millets Research Himayat Sagar Road, Rajendra Nagar Hyderabad - 500 030 Telangana	32.39	36
1347	Genome-wide identification of lncRNA riboswitches & their biophysical characterization	DST-SERB-EMEQ	Kumar,S., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	37.63	36
1348	Genomics assisted identification of resistance genes from wild relatives of Guava against <i>Meloidogyne enterolobii</i> causing wilt	DST-SERB-EMEQ	Muthukumar,M., Dr. (M) ICAR-Central Institute of Sub-Tropical Horticulture Lucknow - 226 101 Uttar Pradesh	40.33	36
1349	How does folate supplementation during pregnancy protect against neuroblastoma?	DST-SERB-EMEQ	Roy,H., Dr. (F) M.S. University of Baroda Sayajigunj Vadodara - 390 020 Gujarat	25.65	36
1350	Hypergravity as a novel tool for enhancing germination & seedling vigour in selected crops	DST-SERB-EMEQ	Hosamani,R., Dr. (M) Agricultural Sciences University Krishi Nagar Dharwad - 580 005 Karnataka	32.99	36
1351	Identification & functional characterization of tRNA-derived RNA fragments in DENV pathogenesis	DST-SERB-EMEQ	Verma,B.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	39.31	36
1352	Identification of elite germ plasm & development of molecular markers in <i>Gracilaria dura</i>	DST-SERB-EMEQ	Jaiswar,S.J., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	32.11	36
1353	Immunological characterization of recombinant Galectin of human lymphatic filariid <i>Brugia malayi</i> as novel vaccine candidate & evaluation of immune response elicited by Chitosan & liposomes as adjuvants	DST-SERB-EMEQ	Singh,P.K., Dr. (M) Indira Gandhi National Tribal University Kapil Dhara Road, Mekal Sadan, District Anuppur Amarkantak - 484 886 Madhya Pradesh	45.56	36
1354	Influence of altitudinal variations on breeding activity of anurans prevailing in the hilly terrain of Meghalaya	DST-SERB-EMEQ	Hooroo,R.N., Dr. (F) North-Eastern Hill University Shillong - 793 022 Meghalaya	38.86	36
1355	Interaction role of PKM2 & HIF1Alpha in Breast cancer progression	DST-SERB-EMEQ	Mallick,B.C., Dr. (M) Ravenshaw University College Square Cuttack - 753 003 Odisha	43.82	36
1356	Introgression of drought adaptive traits to improve field performance of rice under aerobic conditions: An approach to accelerate breeding through doubled haploidization	DST-SERB-EMEQ	Raju,B.M., Dr. (M) Agricultural Sciences University P.B. No 2477, Gandhi Krishi Vignana Kendra Campus Bengaluru - 560 065 Karnataka	32.72	36
1357	Investigation in <i>Arabidopsis</i> to reveal the role of zinc in sensing & signaling of phosphorus availability in soil	DST-SERB-EMEQ	Sinilal,B., Dr. (M) Fatima Mata National College Near Railway Station Kollam - 691 001 Kerala	39.59	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1358	Machine vision to uncover sensory events before-during-recovery from suspended animation: <i>Caenorhabditis elegans</i> as model system	DST-SERB-EMEQ	Jadhav,K.B., Dr. (M) Agricultural Sciences University Main Agricultural Research Station Raichur - 584 102 Karnataka	43.17	36
1359	Management of human vector mosquitoes using actinomycetes from western ghats of Tamil Nadu - An ecofriendly approach	DST-SERB-EMEQ	Rajan,M., Dr. (M) Periyar University Palkalai Nagar Salem - 636 011 Tamil Nadu	49.84	36
1360	Molecular characterization & biological study on virus & virus like pathogen infecting medicinal & aromatic crops of India	DST-SERB-EMEQ	Meena,R.P., Dr. (M) ICAR-Directorate of Medicinal & Aromatic Plants Research Boriavi Anand - 387 310 Gujarat	37.56	36
1361	Molecular systematics, phylogeny & phylogeography of Mayflies (Ephemeroptera) of north western Himalaya & delineation of the cryptics species complexes with potential implication as indicator taxa in freshwater biomonitoring	DST-SERB-EMEQ	Thangavel,K., Dr. (M) Zoological Survey of India High Altitude Regional Centre, Saproon Solan - 173 211 Himachal Pradesh	41.40	36
1362	Morpho-biochemical & molecular characterization of wild endangered citrus species of the northeast India for conservation & utilization	DST-SERB-EMEQ	Rymbai,H., Dr. (M) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	39.95	36
1363	Morphological & molecular characterization of Geometridae: Lepidoptera from Mizoram, India-Burma biodiversity hotspot, northeast India	DST-SERB-EMEQ	Lahmingliani,E., Dr. (F) Mizoram University Tanhri Aizawal - 796 004 Mizoram	48.76	36
1364	Morphology & molecular assisted identification of fresh water algae of Jim Corbett National Park (JCNP), Uttarakhand	DST-SERB-EMEQ	Toppo,K., Dr. (F) Sami Labs Limited Rana Pratap Marg, Post Box No. 436 Lucknow - 226 001 Uttar Pradesh	20.86	36
1365	Multigene approach for the control of fungal disease Turcicum leaf blight of Maize (<i>Zea mays</i>)	DST-SERB-EMEQ	Nagesha,N., Dr. (M) Agricultural Sciences University P.B. No. 2477, Gandhi Krishi Vignana Kendra Campus Bengaluru - 560 065 Karnataka	39.96	36
1366	Optimization & mechanistic investigation of nanoencapsulated plant essential oils in combination with suitable adjuvants against biodeteriorating fungi aflatoxin B1 contamination in raw materials of herbal drug	DST-SERB-EMEQ	Prakash,B., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	40.34	36
1367	Phylogenomics & biogeography of the genus <i>Dioscorea</i> L. (Dioscoreaceae) in India	DST-SERB-EMEQ	Pagare,R.S., Dr. (M) Sandip University Mahiravani Trimbak Road Nasik - 422 213 Maharashtra	43.82	36
1368	Plant cell culture strategies for the enhanced production of Sennoside from Tinneyvelly senna (<i>Senna alexandrina</i> Mill.) & assessing its pharmacological activity	DST-SERB-EMEQ	Shanmugham,S.G., Dr. (F) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	37.22	36
1369	Plant community structure & regenerating potential of native tree species of Delhi for effective management of urban forests in national capital region of Delhi	DST-SERB-EMEQ	Shimrah,T., Dr. (M) Guru Govind Singh Indraprastha University Sector 16 C, Dwarka New Delhi - 110 078 Delhi	24.58	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1370	Potential effects of Cyanotoxin(s) in the reproductive physiology of a model teleost fish, <i>Danio rerio</i>	DST-SERB-EMEQ	Pramanick,K., Dr. (M) Presidency University 86/1, College Street Kolkata - 700 073 West Bengal	24.85	36
1371	Potential of beta-endorphin as an immunomodulator in Th2 mediated Bronchial Asthma	DST-SERB-EMEQ	Subhashini, Dr. (F) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	34.48	36
1372	Pre-breeding of wild crosses for yield enhancement & climate resilience maize using wild species	DST-SERB-EMEQ	Kumar,P., Dr. (M) ICAR-Indian Institute of Maize Research Old Cotton Research Building Ludhiana - 141 004 Punjab	33.71	36
1373	Production improvement of Changthangi sheep by technological intervention for livelihood improvement of Changpa nomads of Ladakh	DST-SERB-EMEQ	Sheikh,F.D., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) High Mountain Arid Agriculture Research Institute, Ladakh Leh - 194 101 Jammu & Kashmir	28.31	36
1374	Proteomic & metabolomic approaches for the genomic diversity of Trichothecenes & their novel biocontrol agents for mitigation of toxigenic fusarium species	DST-SERB-EMEQ	Vamkudoth,K.R., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	36.70	36
1375	Role of TLR 2 in molecular pathogenesis of cryptosporidiosis: A clue for novel anti-apicomplexan therapeutics	DST-SERB-EMEQ	Nagarajan,K., Dr. (M) Tamil Nadu Veterinary & Animal Sciences University Madhavaram Milk Colony Chennai - 600 051 Tamil Nadu	34.32	36
1376	Study of genetic variability & distribution of begomo viruses associate with enation leaf curl disease of Okra in India	DST-SERB-EMEQ	Pratap,D., Dr. (M) Chaudhary Charan Singh University Ramgarhi Meerut - 250 005 Uttar Pradesh	41.67	36
1377	Synergistic effect of nano-formulated Kaempferol & Combretastatin on anti-angiogenesis: In vitro & in vova approach	DST-SERB-EMEQ	Subbaraj,G.K., Dr. (M) Chettinad Academy of Research & Education Padur, State Highway 121, Kelambakkam Kanchipuram - 603 103 Tamil Nadu	46.26	36
1378	The impact of heat shock factors in regulating heat stress-induced epigenomic changes: A case study in Flax (<i>Linum spp.</i>)	DST-SERB-EMEQ	Saha,D., Dr. (M) ICAR-Central Research Institute for Jute & Allied Fibres Nilganj, Barrackpore, Parganas Kolkata - 700 120 West Bengal	37.09	36
1379	Toxins to therapeutics: Scorpion venom-stress induced nerve growth factor & its impact on TLR signalling on macrophages & lymphocytes	DST-SERB-EMEQ	Thippeswamy,N.B., Dr. (M) Kuvempu University Shankaraghatta Shimoga - 577 451 Karnataka	50.86	36
1380	Transdifferentiation of mesenchymal stem cells into functional neurons on biodegradable nanomaterial scaffolds	DST-SERB-EMEQ	Singh,S., Dr. (F) Indian Institute of Information Technology Devghat, Jhalwa Allahabad - 211 012 Uttar Pradesh	38.16	36
1381	Transient over-expression of human CD-200 gene in Nicotiana model plant & biochemical characterization of purified protein for immunotherapy	DST-SERB-EMEQ	Sagurthi,S.R., Dr. (M) Osmania University Hyderabad - 500 007 Telangana	40.68	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1382	Understanding the impact of cell wall phenolics & xylan-lignin cross-links on 1-Ethyl-3-Methylimidazolium acetate pretreatment: A study based on selected crop residues	DST-SERB-EMEQ	Manisseri,C., Dr. (F) Central University of Kerala Tejaswini Hills, Periya Kasaragod - 671 316 Kerala	40.50	36
1383	Understanding the role of par-1 in collective cell migration	DST-SERB-EMEQ	Majumder,P., Dr. (M) Presidency University 86/1, College Street Kolkata - 700 073 West Bengal	47.79	36
1384	Utilizing germplasm diversity of climate resilient crop pearl millet for identification & mapping of heat stress responsive gene(s) & functional annotation of transcriptome adaptation to seedling heat stress in arid zone	DST-SERB-EMEQ	Singh,N., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	28.99	36
1385	Biosynthesis, production & formulation of larvicidal biosurfactants for controlling mosquito & housefly growth biosurfinet	DST-SYST	Hazra,C., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 301 West Bengal	24.75	36
1386	Development & evaluation of endophyticactino bacteria based formulation against clinical MRSA & VRSA strains	DST-SYST	Singh,B.P., Dr. (M) Mizoram University Aizawal - 796 004 Mizoram	29.29	36
1387	Development of silkworm rearing technique for production of naturally coloured cocoons & fibre	DST-SYST	Deepa,H.N., Ms. (F) Sir M. Visvesvaraya Institute of Technology Krishnadeveraya Nagar Bengaluru - 562 157 Karnataka	24.87	36
1388	Molecular epidemiology & public health significance of water-borne cryptosporidiosis in Tripura	DST-SYST	Roy,S.S., Dr. (F) College of Veterinary Sciences & Animal Husbandary R.K. Nagar Agartala - 799 008 Tripura	29.85	36
1389	Nanoparticle based novel oral biofilm recombinant vaccine model for aquaculture	DST-SYST	Kumar,N.B.T., Dr. (M) Guru Angad Dev Veterinary & Animal Science University Ferozpur Road Ludhiana - 141 001 Punjab	32.79	36
1390	Pro-adjuvant polymer-based dissolvable microneedles for transdermal sustained delivery of vaccines	DST-SYST	Pahal,S., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine Rajiv Gandhi Nagar, Kodigehalli	31.75	36
1391	Rectification of adipose stem cell dysfunction on Osteoarthritis for autologous stem cell therapy	DST-SYST	Hazra,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	31.78	36
1392	Sustainable utilization of the seeds of Garcinia species from the Western Ghats	DST-SYST	Priyarani,M., Dr. (F) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Palode Thiruvananthapuram - 695 562 Kerala	31.87	36
1393	Diversifying livelihood options among Bhutia tribal youth of Uttarkashi district: Introduction of tissue culture technology for horticultural nurseries development	DST-TITE	Aggarwal,A.K., Dr. (M) Assistant Professor Ram Chandra Uniyal Government Post Graduate College Department of Botany Uttar Kashi - 249 193 Uttarakhand	112.14	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1394	Empowerment of ST people through rearing & utilization of Eri silkworm (<i>Samia ricini</i> Donovan) cum ornamental fish culture in Nagaon & Morigaon district of Assam	DST-TITE	Chutia,B.C., Dr. (M) Assistant Professor Nowgong College Department of Zoology Nagaon - 782 007 Assam	47.31	36
1395	Integrated income generation programe for empowering schedule caste & schedule tribe group by sheep (Ramblay) rearing for fiber production & training of weaving under Kapkot block of Bageshwar district of Uttarkhand state	DST-TITE	Joshi,P.C., Mr. (M) Himalayan Organization for Protecting Environment At & Post - Pilkholi, 64 Ranikhet Almora - 263 671 Uttarakhand	49.91	36
1396	A profiling of differential expression pattern of matastatic suppressor genes in Breast Cancer - as identification markers for early malignancy	DST-WOS-A	Khanna,D., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mall Road, Near Jublee Hall Delhi - 110 007 Delhi	26.65	36
1397	A study to understand drug induced acute kidney injury using bioinformatics approach	DST-WOS-A	Satalkar,V.S., Dr. (F) Dr. D.Y. Patil University Pune - 411 018 Maharashtra	31.31	36
1398	Agrobacterium Rhizogenes mediated hairy root cultures in <i>Bergenia</i> spp: A potential source for kidney stone remedy	DST-WOS-A	Deeba,F., Dr. (F) Director CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	29.79	36
1399	AMPK mediated energy dynamics: A cue for mTOR dependent growth regulation for cancer genesis	DST-WOS-A	Qureshi,M.A., Dr. (F) Registrar Kashmir University Hazratbal Srinagar - 190 006 Jammu & Kashmir	31.84	36
1400	Analysis of CAR T cell therapy as a living drug for the treatment of Hematologic Cancer	DST-WOS-A	Mohanty,R., Ms. (F) Kalinga Institute of Industrial Technology University Bhubaneswar - 751 024 Odisha	31.66	36
1401	Antimicrobial targets of chemokines against cryptococcosis	DST-WOS-A	Singh,A., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	24.36	36
1402	Application of Elastin Like Polypeptide (ELP) containing Extra Cellular Matrix (ECM) binding ligands in regenerative medicine	DST-WOS-A	Vijayadevi,S., Dr. (F) Director All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	26.71	36
1403	Bacterial mediated drought tolerance: Understanding the physiological, biochemical & molecular mechanism in Cyannopsis (Cluster bean)	DST-WOS-A	Asthana,M., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.84	36
1404	Barcoding & biosystematic studies on eulophid wasps (<i>Chalcidoidea eulophidae</i>) associated with the agri-ecosystems of Kerala	DST-WOS-A	Krishnan,A.G., Ms. (F) Kerala Agricultural University Vellanikkara - 680 656 Kerala	30.50	36
1405	Beta-glucan based micro particles as an activator of innate immunity & small peptide carrier	DST-WOS-A	Venkatachalam,G., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	29.95	36
1406	Biomimetic cyanobacterial photosystem based nano-devices for the conversion of solar energy to biofuel	DST-WOS-A	Shunmugam,S., Dr. (F) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	31.84	36
1407	Biotechnological interventions to enhance the production & accumulation of important Withanolides in <i>Withania somnifera</i> (L) Dunal	DST-WOS-A	Kaur,K., Dr. (F) Guru Nanak Dev University Amritsar - 143 005 Punjab	29.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1408	Bone metastatic signature in Indian Breast Cancer patients: A transcriptome based study	DST-WOS-A	Dave,H.V., Dr. (F) Nirma University Ahmedabad - 382 481 Gujarat	28.80	36
1409	Building & analysing gene network for polycystic ovary syndrome	DST-WOS-A	Joseph,S.M., Ms. (F) ICMR-National Institute for Research in Reproductive Health J.M. Street, Parel Mumbai - 400 012 Maharashtra	25.50	36
1410	Carotenoid mediated intervention on miR-7-5p & gastrin releasing peptide in regulating apoptosis of BEAS-2B cells	DST-WOS-A	Divya,P., Dr. (F) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	25.90	36
1411	Characterization of dendritic cell subsets in blood & decidua of preeclampsia patients	DST-WOS-A	Sundararajan,A., Dr. (F) Indian Institute of Public Health Gandhinagar - 382 042 Gujarat	31.27	36
1412	Characterization of effect of Sox5 transcription factor on the expression of hPLSCR1, hPLSCR2 & hPLSCR4 human srambalase genes	DST-WOS-A	Jaiwal,A., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	31.05	36
1413	Characterization of genetic instability (i.e. Nuclear vs Mitochondria MSI) & mitochondrial DNA copy no. Changes in Colorectal Cancer patients & its clinicopathological correlation	DST-WOS-A	Yadav,A., Ms. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	22.70	36
1414	Characterization of Kinetochic complex in Mucor circinelleides with an aim to identify potential drug targets	DST-WOS-A	Panchal,S., Dr. (F) Jawaharal Nehru Centre for Advanced Scientific Research Bengaluru - 560 064 Karnataka	24.80	36
1415	Characterization of mechanism of ubiquitination & degradation of CXCR4 in Breast Cancer stem cells	DST-WOS-A	Ahlawat,A., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	15.32	36
1416	Clinical epidemiology & biology of mixed plasmodium falciparum & plasmodium vivax Malaria in central India	DST-WOS-A	Deora,N., Ms. (F) ICMR-National Institute of Malaria Research Sector 8, Dwarka New Delhi - 110 077 Delhi	22.16	36
1417	Clinical evaluation of T AYU BK V in patients of Chronic Heat Failure (CHF) with special reference to B type Natriuretic Peptide (BNP)	DST-WOS-A	Baikampady,S.V., Dr. (F) Sri Sathya Sai Institute of Higher Medical Sciences Whitefield, EPIP Area Bengaluru - 560 066 Karnataka	32.65	36
1418	Cloning & stimulation of FUR genes to enhance production of arid & semiarid bacterial siderophores for commercial applications	DST-WOS-A	Bhattacharya,S., Dr. (F) Rajasthan University Jaipur - 302 004 Rajasthan	29.95	36
1419	Comprehensive proteomic analysis of normozoospermic & asthenozoospermic human spermatozoa at ejaculation, capacitation & acrosome reaction for identification of infertility associated marker	DST-WOS-A	Chhikara,N., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	32.16	36
1420	Construction of linkage map & identification of QTLs linked to early maturity & drought tolerance in macrotyloma uniflorum	DST-WOS-A	Katoch,M., Ms. (F) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Palampur - 176 062 Himachal Pradesh	20.29	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1421	Deciphering the role of TPS1 & TPS2 in nutrient mediated pseudohyphal differentiation in <i>Saccharomyces cerevisiae</i>	DST-WOS-A	Iyer,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	31.70	36
1422	Deciphering the role of TRIM family of proteins in neurodegeneration & neuroinflammation	DST-WOS-A	Ahsan,N., Dr. (F) Director Institute of Life Sciences Bhubaneswar - 751 023 Odisha	19.30	36
1423	Design & development of a cost effective & rapid test card for Typhoid detection	DST-WOS-A	Chopra,A., Dr. (F) Panjab University Chandigarh - 160 014 Chandigarh	24.19	36
1424	Design & development of an efficient rapid diagnostic technique for <i>Mycobacterium Leprae</i> infection (Leprosy)	DST-WOS-A	Garg,N., Ms. (F) Jamia Hamdard New Delhi - 110 062 Delhi	31.72	36
1425	Design & development of intranasal formulations with extended release & improved bioavailability for neurological conditions	DST-WOS-A	Kharkar,S.S., Ms. (F) Bombay College of Pharmacy Kalina, Santacruz Mumbai - 400 098 Maharashtra	30.01	36
1426	Development of novel packaging film for fruit & vegetable storage using metal oxides nano particles synthesized by different process	DST-WOS-A	Thakur,S., Dr. (F) Eternal University Baru Sahib Sirmour - 173 229 Himachal Pradesh	24.56	36
1427	Development of osteoanabolic vehicle for orthopedic tissue regeneration	DST-WOS-A	Saha,B., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	23.70	36
1428	Development of smart polymerosome encapsulating mAb conjugated gold nanoparticles/anticancer drug for combined chemo-NIR photothermal therapy in breast cancer	DST-WOS-A	Naz,F., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	15.62	36
1429	Development of thermotolerant variety of wheat	DST-WOS-A	Ramakrishna,K., Dr. (F) Agricultural Sciences University Krishinagar Dharwad - 580 005 Karnataka	32.15	36
1430	Dissecting the role of chromatin remodeling factor TIP60 in regulation of regeneration in <i>Planaria</i>	DST-WOS-A	Jaiswal,B., Dr. (F) National Centre for Biological Sciences P.O. GKVK, Bellary Road Bengaluru - 560 065 Karnataka	23.15	36
1431	Effect of food processes on phytase activity & bioavailability of iron & zinc from developed wheat varieties	DST-WOS-A	Srivastave,G., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	23.12	36
1432	Effects of arsenic trioxide loaded Poly Lactic-co-Glycolic Acid (PLGA) nanoparticles against Breast Cancer: An in vitro study	DST-WOS-A	Rana,K., Ms. (F) Chaudhary Charan Singh University Meerut - 250 004 Uttar Pradesh	18.09	36
1433	Elucidating the role of host transcription factor(s) in disease development by Cucumber Mosaic virus	DST-WOS-A	Rattan,U.K., Ms. (F) CSIR-Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	24.35	36
1434	Enhancement of kernel sweetness among elite sweet corn genotypes through marker-assisted pyramiding of surgary 1 & shrunken 2 genes	DST-WOS-A	Chhabra,R., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	27.15	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1435	Enriching antioxidant properties & culm strength of popular rice cv. White ponni by targeted marker back cross approach	DST-WOS-A	Samy,S.P., Dr. (F) ICAR-National Rice Research Institute Cuttack - 753 006 Odisha	30.65	36
1436	Establsihment of reference genome of Crocus sativus being grown in the fields of Kashmir, J&K, India	DST-WOS-A	Ambardar,S., Dr. (F) National Centre for Biological Sciences Tata Institute of Foundation Research, GKVK Campus, Bellary Road Bengaluru - 560 065 Karnataka	19.83	36
1437	Evaluating rhythmicity & cross talk between sirtuin & clock genes in non alcoholic fatty liver disease	DST-WOS-A	Aggarwal,S., Ms. (F) Institute of Liver & Biliary Sciences D-1, Vasant Kunj New Delhi - 110 070 Delhi	25.30	36
1438	Evaluating the molecular basis for phenotypic traits in Indian Staphylococcus aureus	DST-WOS-A	Dattatri,S., Ms. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.57	36
1439	Evaluation of antimicrobial activity & plant growth promoting trait of bacterial endophyte from Allium sativum	DST-WOS-A	Srivastava,P., Ms. (F) Finance Officer Veer Bahadur Singh Purvanchal University Jaunpur - 222 003 Uttar Pradesh	22.23	36
1440	Evaluation of interaction of transcription factors with RNA polymerase during transcription	DST-WOS-A	Sengupta,S., Dr. (F) Bose Institute P1/12, CIT Road, Scheme VII M Kolkata - 700 054 West Bengal	30.25	36
1441	Evaluation of nutritional & anti-nutritional properties & neurotoxicity of cycassphaerica (cycadaceae) - food plant used by the tribal of eastern ghats of India	DST-WOS-A	Bal,P., Dr. (F) Regional Plant Resource Centre Bhubaneswar - 751 015 Odisha	20.84	36
1442	Evaluation of pharmacological interventions to modulate endoplasmic reticulum stress in experimental Diabetic neuropathy	DST-WOS-A	Gundu,C., Ms. (F) National Institute of Pharmaceutical Education & Research Balanagar Hyderabad - 500 037 Telangana	21.16	36
1443	Evaluation of tolerance to last resort antibiotics in clinical isolates of Staphylococcus aureus	DST-WOS-A	Singh,M., Dr. (F) Finance & Accounts Officer Jawaharlal Nehru University New Delhi - 110 067 Delhi	23.10	36
1444	Evolution of gene regulation in members of Nasuta subgroup of Drosophila & their hybrids	DST-WOS-A	Padma,R., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 066 Madhya Pradesh	24.79	36
1445	Exploration of cyto-protective & anti-proliferative activities of green synthesized iron-oxide based anti-oxidant nanozymes	DST-WOS-A	Mundekkad,D., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	29.96	36
1446	Exploring cold active pectinases from bacteria of western Himalayan region for industrial applications	DST-WOS-A	Sharma,R., Ms. (F) CSIR-Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	19.13	36
1447	Exploring tissue specific signals involved in development of T-helper 17 cells as potential therapeutic targets for Rheumatoid Arthritis	DST-WOS-A	Rani,L., Dr. (F) National Centre for Cell Sciences Ganeshkhind Road Pune - 411 007 Maharashtra	29.62	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1448	Fabrication, characterization & optimization of a 'Duckweed water treatment plant' for removal of as & FI from water & bioremediation with scope for value added technologies	DST-WOS-A	Thakuria,A., Ms. (F) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	18.58	36
1449	Functional characterization of leucine aminopeptidase from aphid resistant wild crucifer <i>Rorippa indica</i>	DST-WOS-A	Bandopadhyay,L., Dr. (F) Bose Institute P-1/12, C.I.T. Road., Scheme VII M Kolkata - 700 054 West Bengal	29.66	36
1450	Functional profiling of microbiome affecting drought resonse & nutrient uptake in rice	DST-WOS-A	Agrawal,T., Dr. (F) Indira Gandhi Agricultural University Krishak Nagar Raipur - 492 006 Chhattisgarh	31.09	36
1451	Functional role of EPHA 1 in Ovarian Cancer	DST-WOS-A	Shabna,A., Dr. (F) Cancer Institute Sardar Patel Road Chennai - 600 036 Tamil Nadu	21.55	36
1452	Gene expression in Narikuravar Aikpatonuria patients carrying a common	DST-WOS-A	Cleave,S.S., Dr. (F) Christian Medical College & Hospital Vellore - 632 004 Tamil Nadu	24.36	36
1453	Genetic analysis for Phosphorous acquisition efficiency & characterization of Rhizospere microbiome & root exudates in rice genotypes	DST-WOS-A	Ramachandran,D., Dr. (F) Tamil Nadu Agricultural University Chidambaram - 641 003 Tamil Nadu	32.00	36
1454	Genetic assessment of the non-descript pig beeds across selected regions of Uttarakhand	DST-WOS-A	Sahu,K., Ms. (F) Wildlife Institute of India Chandrabani Dehradun - 248 001 Uttarakhand	20.29	36
1455	Genetic markers of electrical storm in patients with underlying myocardial infraction	DST-WOS-A	Rangaraju,A., Dr. (F) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	19.87	36
1456	Genome editing of mesenchymal stem cells: Implications for tissue regeneration in chronic inflammatory disorders	DST-WOS-A	Naik,A.S., Dr. (F) National Centre for Cell Sciences Pune - 411 007 Maharashtra	26.78	36
1457	Genome-wide association mapping for yeild contributing traits in Indian mustard (<i>Brassica juncea</i> L. Czern & Coss.)	DST-WOS-A	Parmar,N., Dr. (F) ICAR-Directorate of Rapeseed Mustard Research Bharatpur - 321 303 Rajasthan	31.01	36
1458	Identification & characterization of genes in signaling mechanisms for drought tolerance in Pigeon Pea	DST-WOS-A	Koilkonda,P., Dr. (F) ICAR-Central Research Institute for Dryland Agriculture Division of Crop Sciences Hyderabad - 500 059 Telangana	29.95	36
1459	Identification of novel multi-target allosteric modulators of Tyrosine kinases using structural bioinformatics & pharmacological approach	DST-WOS-A	Kakarala,K.K., Dr. (F) Bhagwan Mahvir Medical Research Centre Hyderabad - 500 004 Telangana	29.79	36
1460	Identification of salinity stress-responsive micro RNAs in wheat at reproductive stage	DST-WOS-A	Singroha,G., Dr. (F) ICAR-Indian Institute of Wheat & Barley Research Karnal - 132 001 Haryana	24.17	24
1461	Identification of serum-based oral cancer biomarkers in tobacco chewers	DST-WOS-A	Mohanty,V., Ms. (F) Yenepoya University Mangalore - 575 018 Karnataka	30.39	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1462	Identifying hydrogen sulphide role in vitro model of inflammatory bowel disease	DST-WOS-A	Thangaraj,K.R., Dr. (F) Principal Sri Ramachandra Institute of Higher Education & Research Ramachandra Nagar, Porur Chennai - 600 116 Tamil Nadu	31.28	36
1463	Immunological response against Tenuiproboscis sp.infections in selected marine fishes from south-west coast of Kerala	DST-WOS-A	Kaur,P., Dr. (F) ICAR-Central Marine Fisheries Research Institute Kochi - 682 018 Kerala	31.73	36
1464	Immunomodulatory molecular signatures in relation to semen fertility	DST-WOS-A	Siddalingappa,A.S., Ms. (F) ICAR-National Institute of Animal Nutrition & Physiology Hosur Main Road, Adugali Bengaluru - 560 030 Karnataka	32.82	36
1465	Immuno-regulatory role of SOCS proteins in Chikungunya virus infection	DST-WOS-A	Singh,S., Dr. (F) Guru Govind Singh Indraprastha University Sector 16C, Dwarka New Delhi - 110 078 Delhi	31.05	36
1466	Improving RNAi efficiency in some lepidopterous insects through nanoparticles based dsRNA delivery system	DST-WOS-A	Sandal,S., Ms. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	28.85	36
1467	In vitro propagation & active ingredient analysis in Paris polyphylla, a highly medicinal & endangered medicinal herb	DST-WOS-A	Pandey,S., Ms. (F) Graphic Era Hill University Dehradun - 248 002 Uttarakhand	24.07	36
1468	Influence of intraocular inflammatory & growth factor levels on postoperative complications in congenital Cataract surgery	DST-WOS-A	Kaur,S., Dr. (F) P.G. Institute of Medical Education & Research Chandigarh - 160 012 Chandigarh	31.09	36
1469	Influence of mitochondrial factors in rheumatic heat disease	DST-WOS-A	Kundur,S.R., Dr. (F) CSIR-Centre for Cellular & Molecular Biology Uppal Road Hyderabad - 500 007 Telangana	18.80	36
1470	Investigating post-transcriptional regulation of steroidogenic genes during development	DST-WOS-A	Vishnu,S., Dr. (F) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 016 Kerala	20.41	36
1471	Investigating the mechanism of neuronal transport system & their regulations	DST-WOS-A	Soppina,P., Ms. (F) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	32.00	36
1472	Investigating the nature of interaction of P2X7 receptor with Pannexin 1 hemichannel & its physiological significance	DST-WOS-A	Director, The (F) Jyothy Institute of Technology Centre for Incubation, Innovation, Research & Consultancy, Thatagunj off Kanakapura Road Bengaluru - 560 082 Karnataka	21.39	36
1473	Investigating the role of microtubule regulations by fidgeting in epithelial mesenchymal transition & cancer cell motility	DST-WOS-A	Mukherjee,S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	30.18	36
1474	Investigating the signaling pathway associated with atherosclerotic macrophage foam cell formation	DST-WOS-A	Saqib,U., Dr. (F) Indian Institute of Technology (Indore) Simrol Indore - 453 552 Madhya Pradesh	31.95	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1475	Investigation of anti-cancer properties of <i>Mallotus roxburghianus</i>	DST-WOS-A	Tochhawng,L., Dr. (F) Mizoram Science, Technology & Innovation Council Aizawal - 796 004 Mizoram	30.05	36
1476	Investigation of microRNAs involved in the transcriptional regulation of androgen receptor expression in Prostate Cancer cells	DST-WOS-A	Sikand,K., Dr. (F) Panjab University Chandigarh - 160 014 Chandigarh	30.99	36
1477	Investigation on chloroplast originated micro RNAs role in nuclear derived genes regulations in <i>ablemoschus esculentus</i>	DST-WOS-A	Anand,A., Dr. (F) Madurai Kamaraj University Madurai - 625 021 Tamil Nadu	32.16	36
1478	In-vitro generation of megakaryocytes & platelets from hiPSCs differentiated in the presence of two nutraceuticals: DHA/AA, as supplements to the cytokine-containig medium	DST-WOS-A	Shabrani,N., Dr. (F) Symbiosis International University Symbiosis Knowledge Village, Gram: Lavale, Taluka Mulshi Pune - 412 115 Maharashtra	22.60	36
1479	Isolation, characterization, synthesis & genotoxic study of degraded products from anti-retrovirals	DST-WOS-A	Patel,S., Ms. (F) J.S.S. College of Pharmacy Rockland Ootacamund - 643 001 Tamil Nadu	26.98	36
1480	Life under thermodynamic limit: Insights from methanogenesis in archaea	DST-WOS-A	Banerjee,M., Dr. (F) Indian Institute of Science Education & Research (Tirupati) Tirupati - 517 507 Andhra Pradesh	23.90	36
1481	Lion-tailed Macaque (<i>Macaca silenus</i>): Feeding ecology & management of an endangered species in captivity	DST-WOS-A	Monisha,V., Ms. (F) Kerala Veterinary & Animal Science University Pookode Wayanad - 673 576 Kerala	18.00	36
1482	Maneuvering native microflora in compliance with finger millet's growth in tribal belt of Chhattisgarh bastar plateau	DST-WOS-A	Kumari,P., Dr. (F) Indira Gandhi Agricultural University Krishi Nagar Raipur - 492 012 Chhattisgarh	29.95	36
1483	Manipulation of transcriptional factors for developing hyper-cellulase producing fungal strains for bioconversion of lignocellulosic biomass	DST-WOS-A	Kaur,B., Dr. (F) Guru Nanak Dev University Amritsar - 143 005 Punjab	19.63	36
1484	Marine sponges as biomonitors for micro-plastics pollution	DST-WOS-A	Singh,A., Dr. (F) National Centre for Biological Sciences Tata Institute of Foundation Research, GKVK Bengaluru - 560 065 Karnataka	19.25	36
1485	Methane oxidizing bacteria: Community structure elucidation & cultivation from Indian lowland rice ecosystems for future applications	DST-WOS-A	Pandit,P.S., Ms. (F) Agharkar Research Institute Pune - 411 004 Maharashtra	27.45	36
1486	Micro RNA as a modulator for hearing response in fruitfly	DST-WOS-A	Rout,R., Dr. (F) Director National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	6.68	36
1487	Millets as a component of diet diversity to alleviate malnutrition	DST-WOS-A	Prasad,M.E., Ms. (F) Graphic Era Hill University 566/6, Bell Road, Clement Town Dehradun - 248 002 Uttarakhand	32.03	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1488	Molecular & functional characterization of AIRab7 & its interacting target protein from a salt interacting target protein from a salt secreting halophyte <i>aeluropus lagopoides</i> for modulating stress signalling	DST-WOS-A	Agarwal,P., Dr. (F) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	32.37	36
1489	Molecular characterization & DNA barcoding of indigenous edible mushrooms consumed by the ethnic tribes of Manipur	DST-WOS-A	Langhu,T., Dr. (F) ICAR-Research Complex for North Eastern Hill Region Umroi Road Umiam - 793 103 Meghalaya	24.75	36
1490	Molecular characterization of bZIP transcription factors & morpho-physiological analysis in drought & heat stress in <i>Triticum aestivum</i> L.	DST-WOS-A	Thakur,V., Ms. (F) Banasthali Vidyapeeth Banasthali - 304 022 Rajasthan	25.56	36
1491	Molecular phylogeny of genus <i>straobilanthes</i> (Acanthaceae) of southern western ghats, India	DST-WOS-A	Antony,T., Ms. (F) St. Thomas College Pala - 686 574 Kerala	32.70	36
1492	Molecular physiology of carbon & nitrogen metabolism under water stress in Guar leaf (<i>Cyamopsis tetragonaloba</i>)	DST-WOS-A	Pandey,K., Ms. (F) CSIR-National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	32.01	36
1493	Molecular profiling of Myelodysplastic syndromes subgroups-MDS with single lineage dysplasia & MDS with multilineage dysplasia for the assessment of prognosis & treatment response	DST-WOS-A	Chaubey,R., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	22.66	36
1494	Moss flora of Nagaland, India	DST-WOS-A	Doulo,V.S., Dr. (F) Kohima Science College Jotsoma Kohima - 797 002 Nagaland	30.34	36
1495	Multilineage differentiation of human mesenchymal stem cell & in vivo biological response of polyvinylidene difluoride based composite materials	DST-WOS-A	Bhaskar,N., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	17.10	36
1496	Non HLA genes associated with allogeneic hematopoietic stem cell transplantation	DST-WOS-A	D'Silva,S.,Z., Dr. (F) Tata Memorial Centre Tata Memorial Hospital Mumbai - 400 012 Maharashtra	24.04	36
1497	Optimization of lipid content in selected microalgae & their mass culture for utilization as live feed in aquaculture & for industrial exploitation as source of Polyunsaturated Fatty Acid (PUFA)	DST-WOS-A	Nair,B.B., Dr. (F) ICAR-Central Research Institute for Dryland Agriculture P.B. No. 1603, P.O. Erankulam North Kochi - 682 018 Kerala	24.02	36
1498	Phytochemical profiling & chemical fingerprinting of <i>Curcuma aromatica</i> for selection, mass multiplication & quality control of high drug yielding chemotypes	DST-WOS-A	Behura,S., Dr. (F) Siksha O Anusandhan University Bhubaneswar - 751 003 Odisha	31.70	36
1499	Phytoimmunomodulators of <i>simarouba glauca</i> DC. Targeting host against multi stage disease Typhoid. Foster by <i>Salmonella enterica</i> serovar Typhi	DST-WOS-A	Nagaraj,N., Ms. (F) Kuvempu University Jnana Sahyadri, Shankaraghatta Shimoga - 577 401 Karnataka	20.95	36
1500	Poly (ADP-ribose) Polymerase 1 (PARP1) mediated translational selectivity modulating gene response in Cervical cancer	DST-WOS-A	Rajawat,J., Dr. (F) Lucknow University Lucknow - 226 007 Uttar Pradesh	18.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1501	Process optimization & development of neural models to study biosurfactant production	DST-WOS-A	Singh,V., Ms. (F) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	23.36	36
1502	Production & application of microbial mutanase for prevention & reduction of dental plaques	DST-WOS-A	Boddapati,S., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	29.38	36
1503	Production of economical biosurfactant from microbial sources & its potential application in phytoremediation	DST-WOS-A	Mishra,N., Ms. (F) Gulbarga University Kalaburagi Gulbarga - 585 106 Karnataka	25.49	36
1504	Protein glycosylation - relevance in Prokaryotes & Microbiome	DST-WOS-A	Khater,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	21.94	36
1505	Quantitative proteomics & phosphoproteomics to understand drought stress perception & response in contrasting genotypes of Horsegram (Macrotylomauniflorum)	DST-WOS-A	Sinha,R., Dr. (F) ICAR-Indian Institute of Agricultural Biotechnology Ranchi - 834 010 Jharkhand	24.46	36
1506	Regulation of tyrosine hydroxylase: Implication on catecholamines in normal & neurodegenerative stress in fish	DST-WOS-A	Khatri,M.S., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	28.13	36
1507	Repositioning of established drugs for anti-mycotic activity against Candida spp.	DST-WOS-A	Mukherjee,S., Ms. (F) ICMR-National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	31.85	36
1508	Response to heat stress in maize during microsporogenesis & its implications in crop improvement	DST-WOS-A	Jayaram,N., Dr. (F) Agricultural Sciences University Bengaluru - 560 065 Karnataka	29.35	36
1509	Restoration of P53 status in triple negative Breast Cancer using P53 reactivators loaded EGFR targeting therapeutic nanoparticles	DST-WOS-A	Gurudevan,S., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	30.23	36
1510	Role of cellular autophagy & its modulation in the replication of Hepatitis E Virus	DST-WOS-A	Srivastava,M., Dr. (F) ICMR-National Institute of Virology Pune - 411 038 Maharashtra	17.25	36
1511	Role of microRNAs in masking the regenerative potential of muller glia in mammalian retina	DST-WOS-A	Mir,Q.A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	28.85	36
1512	Role of negative regulators of Egfr in malignant transformations in oral dysplasia	DST-WOS-A	Verma,D., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	30.65	36
1513	Role of Nod-Like Receptor Protein 3 (NLRP3) on metastasis & angiogenesis of human melanoma cells	DST-WOS-A	Sheeja,K., Dr. (F) Regional Cancer Centre P.O. Medical College, Thiruva Thiruvananthapuram - 695 011 Kerala	14.14	36
1514	Role of PAK4 kinase in regulating microtubule dynamics	DST-WOS-A	Sinha,K., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	31.61	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1515	Role of PR proteins in cross-tolerance & cross-talk between the stress induced signalling pathways in vigna radiata	DST-WOS-A	Ganguly,P.R., Dr. (F) Kalinga Institute of Industrial Technology University Bhubaneswar - 751 024 Odisha	29.68	36
1516	Role of viruses, expression of MPPED2 & P16 in the pathogenesis of cervical carcinogenesis	DST-WOS-A	Sujatha,T., Dr. (F) ICMR-National Institute of Nutrition P.O. Jamai Osmania Hyderabad - 500 007 Telangana	21.06	36
1517	Screening & validation of inhibitors against ADP-ribosylhydrolase of Chikungunya virus using structure based virtual screening & in vitro studies	DST-WOS-A	Chaudhary,M., Dr. (F) Shiv Nadar University Gautam Buddha Nagar Noida - 201 314 Uttar Pradesh	21.72	36
1518	siRNA targeted dual drug loaded mesoporous silica nanoparticles in orthotopic xenograft model of lung cancer	DST-WOS-A	Dilnawaz,F., Dr. (F) Institute of Life Sciences Nalco Square Bhubaneswar - 751 023 Odisha	25.34	36
1519	Smart dressing based on collagen exhibiting antibacterial, anti-inflammatory & anti-collagenase activity	DST-WOS-A	Sripriya,R., Dr. (F) Guru Nanak College Chennai - 600 042 Tamil Nadu	29.68	36
1520	Structure & function of an actin binding protein, profilin in Leishmania donovani	DST-WOS-A	Ambaru,P.S.B., Ms. (F) Institute of Bioinformatics & Applied Biotechnology Bengaluru - 560 100 Karnataka	29.79	36
1521	Structure based antibody design of cell penetrable scFv against Hepatitis C virus envelope protein	DST-WOS-A	Das,S., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.45	36
1522	Structure-function studies on novel Fibrinogen A - Alpha chain protein (FGA) mutants associated renal Amyloidosis: Exploring dietary management of the disease	DST-WOS-A	Pande,M., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	31.66	36
1523	Studies on the epigenetic basis of interplay between endoplasmic reticulum stress & autophagy in Ischemic stroke	DST-WOS-A	Narne,P., Dr. (F) Registrar Hyderabad University Hyderabad - 500 046 Telangana	29.96	36
1524	Study of bacterial endophytes in Lycopersicon esculentum & their potential for plant growth promotion & biocontrol of tomato diseases in Bhopal & its peripheral regions	DST-WOS-A	Chaturvedi,H., Ms. (F) Barkatullah Vishwavidyalaya Bhopal - 462 026 Madhya Pradesh	19.45	36
1525	Study on relationship between gain-of-function mutant p53 & stemness as an underlying cause for chemoresistance in Ovarian carcinoma	DST-WOS-A	Ghosh,D.D., Dr. (F) Saroj Gupta Cancer Centre & Research Institute Mahatma Gandhi Road, Thakurpukur Kolkata - 700 063 West Bengal	28.85	36
1526	Targeting caner cells with two-sided swords: Role of novel NSAID-metabolic drug complexes as anti-cancer agent	DST-WOS-A	Deb,J., Dr. (F) Director Indian Association for the Cultivation of Science 2a & 2b, Raja S.C.Mullick Road Kolkata - 700 032 West Bengal	27.76	36
1527	Taxonoic revision & molecular phylogeny of elaseocarpus 1. from peninsular India	DST-WOS-A	Nachiket,C., Ms. (F) Savitribai Phule Pune University Pune - 411 007 Maharashtra	32.16	36
1528	To study the association & expression of IL-33 levels with clinical & laboratory characteristics of Rheumatoid Arthritis & systemic lupus erythematosus	DST-WOS-A	Ohri,M., Dr. (F) All India Institute of Medical Sciences Rishikesh Dehradun - 249 201 Uttarakhand	27.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1529	To study the miRNA-mediated regulation of costunolide biosynthesis in <i>S lappa</i> by small RNA & degradome sequencing	DST-WOS-A	Kaur,R., Dr. (F) Panjab University Chandigarh - 160 014 Chandigarh	23.36	36
1530	To uncover the epigenetic mechanisms in etiopathology of Schizophrenia with particular reference to hyperhomocysteinemia & sex disparity	DST-WOS-A	Bandopadhyay,S., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka, Uppal Road Hyderabad - 500 007 Telangana	25.90	36
1531	Transcriptional & translational regulation of periostin & its interaction with DDR2 in cardiac fibrosis	DST-WOS-A	Krishnan,S.R., Ms. (F) Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 011 Kerala	31.99	36
1532	Transcriptome profiling of genes involved in resistance to Chirke virus infection of large cardamon (<i>Amomum subulatum</i> Roxb.)	DST-WOS-A	Ranjanan,R., Ms. (F) Indian Cardamom Research Institute ICRI Spices Board Thrissur - 680 006 Kerala	25.35	36
1533	Transcriptome profiling of spermatozoa for development of biomarker for selection of fertile bucks	DST-WOS-A	Saraswat,S., Dr. (F) ICAR-Central Institute for Research on Goats Makkdoom, P.O. Farah Mathura - 281 122 Uttar Pradesh	21.50	36
1534	Transdermal-iontophoretic drug delivery: Design & evaluation of some drugs	DST-WOS-A	Shirisha,S., Ms. (F) Utkal University Vani Vihar Bhubaneswar - 751 004 Odisha	24.78	36
1535	Trophic role & relative diversity of free-living ciliates in the Sunderbans delta & coastal water of West Bengal	DST-WOS-A	Mohan,S., Ms. (F) Zoological Survey of India Prani Vigyan Bhavan, M Block, New Alipore Kolkata - 700 053 West Bengal	21.79	36
1536	Understanding the neuroprotective mechanism of <i>C. elegans</i> MANF (Mesencephalic, Astrocyte-derived Neurotrophic Factor) protein in an in-vivo model of Parkinson's disease	DST-WOS-A	Pandey,P., Dr. (F) Indian Institute of Science Education & Research (Mohali) Mohali - 140 306 Punjab	29.93	36
1537	Understanding the role of cellular mistranslation in modulating proteostasis	DST-WOS-A	Arora,S., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mathura Road New Delhi - 110 020 Delhi	32.11	36
1538	Using Whole Exome Sequencing (WES) to screen & identify genetic variants associated with PCOS in Indian population	DST-WOS-A	Moorthy,J.D., Dr. (F) S.R.M. University Kattankulathur Chennai - 603 230 Tamil Nadu	32.37	36
Total Cost of 1451 Projects Under: Biological Sciences				62,446.14	

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1539	Performance analysis & optimization for capturing CO ₂ using amine solvents	AICTE-RP	Ahuja,S.M., Dr. (M) Sant Longowal Institute of Engineering & Technology District Sangrur Longowal - 148 106 Punjab	16.00	36
1540	Sustainable intensified technology of sewage wastewater treatment	AICTE-RP	Goel,V., Dr. (M) All Indian Shri Shivaji Memorial Society's College of Engineering No. 1, Kennedy Road, Near RTO, Shivaji Nagar Pune - 411 001 Maharashtra	16.82	36
1541	A fluorometric bimodal nanosensor based on carbon DOT-Mno ₂ nanocomposites for detection and intracellular imaging of glutathione	CSIR-GS	Basu,S., Dr. (M) Thapar University School of Chemistry & Biochemistry Patiala - 147 004 Punjab	9.54	36
1542	A supramolecular synthon approach for magneto-structural analysis of hydrogen bonded metal-organic coordination network	CSIR-GS	Siddiqui,K.A., Dr. (M) National Institute of Technology (Raipur) Department of Chemistry Raipur - 492 010 Chhattisgarh	9.54	36
1543	Activation of C-H bond and synthesis of organometallic ruthenium and palladium complexes: Application in organic synthesis and a search for new directing group(s)	CSIR-GS	Ghosh,K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	12.50	36
1544	Catalytic enantioselective intramolecular dearomative carboamination of alkynes	CSIR-GS	Patil,N.T., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry Bhopal - 462 066 Madhya Pradesh	16.40	36
1545	Chemical dynamics in enzyme-water systems through quantum-classical and biased simulations	CSIR-GS	Chandra,A., Prof. (M) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	17.46	36
1546	Chemically sustainable metal nanoparticles functionalized CZTS (Cu ₂ ZnSnS ₄) based nanostructures for efficient photoelectrocatalytic water splitting	CSIR-GS	Sathe,B.R., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Chemistry Aurangabad - 431 004 Maharashtra	12.04	36
1547	Chiral amine catalyzed cascade reaction for the enantioselective synthesis of fused carbocycles	CSIR-GS	Ghorai,P., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry Bhopal - 462 066 Madhya Pradesh	18.00	36
1548	Chiral induction into metal-organic frameworks for heterogeneous asymmetric catalysis	CSIR-GS	Koner,S., Dr. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	11.50	36
1549	Curve crossing problems: Semi analytical method for arbitrary coupling	CSIR-GS	Chakraborty,A., Dr. (M) Indian Institute of Technology (Mandi) School of Basic Science Mandi - 175 005 Himachal Pradesh	7.04	36
1550	Design and development of low cast mesoporous materials as electrocatalyst for production of hydrogen by electrolysis of urea-rich waste water	CSIR-GS	Yadav,M., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Chemistry Dhanbad - 826 004 Jharkhand	3.25	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1551	Design of multichannel receptors for anions by taking profit of metal-ligand interaction	CSIR-GS	Baitalik,S., Prof. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	12.00	36
1552	Design of new transitional metal catalysts for biomimetic organic oxidations	CSIR-GS	Dhuri,S.N., Dr. (M) Goa University Department of Chemistry Goa - 403 206 Goa	9.54	36
1553	Design, synthesis and characterization of Earth-abundant metal complexes (Co, Fe, Ni) as electrocatalysts for proton reduction	CSIR-GS	Kaur,S., Dr. (F) Delhi University Department of Chemistry Delhi - 110 007 Delhi	16.00	36
1554	Design,synthesis and optoelectronic properties of squaraine and croconine based functional organic materials	CSIR-GS	Prabhakar,C., Dr. (M) National Institute of Technology (Kurukshetra) Department of Chemistry Kurukshetra - 136 119 Haryana	23.96	36
1555	Development of biosensors and antibacterial imaging agents for rapid and effective detection of bacteria by employing certain metal complexes and nanomaterials	CSIR-GS	Mobin,S.M., Dr. (M) Indian Institute of Technology (Indore) Discipline of Chemistry Indore - 453 552 Madhya Pradesh	12.00	36
1556	Development of cation-switchable functionalized nucleobase based metallohydrogels for drug delivery	CSIR-GS	Das,A.K., Dr. (M) Indian Institute of Technology (Indore) Discipline of Chemistry Indore - 453 552 Madhya Pradesh	12.00	36
1557	Development of cost-effective efficient electrocatalysts for hydrogen and oxygen generation via electrochemical water-splitting	CSIR-GS	Nanda,K.K., Dr. (M) Indian Institute of Science Center of Materials Research Bengaluru - 560 012 Karnataka	6.00	36
1558	Development of DPPZ based mononuclear complexes of iridium and gold as potential luminescent probe and anticancer agent	CSIR-GS	Patra,S., Dr. (M) Indian Institute of Technology (Bhubaneswar) School of Basic Science Jatni - 752 050 Odisha	16.50	36
1559	Development of dual-action sulfonylurea derivatives as isoform-selective carbonic anhydrase inhibitors	CSIR-GS	Datta,B., Prof. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	24.32	36
1560	Development of novel metal free organic transformations for the synthesis of oxindole containing heterocycles and evaluation of their biological activities	CSIR-GS	Badsara,S.S., Dr. (M) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	30.96	36
1561	Development of novel visible light assisted photocatalytic route for degradatation of emerging pharmaceutical contaminants from aqueous sources using Aurivillius phase complex oxides and their modified analogues as photocatalyst	CSIR-GS	Mishra,B.G., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	4.50	36
1562	Dual responsive Platinum/ Palladium metallacycles	CSIR-GS	Mukherjee,P.S., Dr. (M) Indian Institute of Science Department of Inorganic & Physical Chemistry Bengaluru - 560 012 Karnataka	14.00	36
1563	Enzymes cascade biocatalysis in the stereoselective synthesis of chiral intermediates	CSIR-GS	Padhi,S.K., Dr. (M) Hyderabad University Department of Biochemistry Hyderabad - 500 046 Telangana	20.49	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1564	Evaluation of biological potential of transition metal complexes of dithiocarbazates incorporating bio-active derivatives	CSIR-GS	Dinda,R., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	9.35	36
1565	Formation, characterization and therapeutic efficacy of different types of ordered assembled molecular architectures formed by biologically important molecules in different media	CSIR-GS	Sarkar,N., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	14.00	36
1566	Grafting of organo-functional and metal-functional macro-molecules into the framework nano-materials: A potential environmental friendly catalysts for organic transformations	CSIR-GS	Sakthivel,A., Dr. (M) Central University of Kerala Department of Chemistry Kasaragod - 671 316 Kerala	12.00	36
1567	Infrared spectroscopy of matrix-trapped peroxy and hydrated radicals of atmospheric significance	CSIR-GS	Chakraborty,T., Prof. (M) Indian Association for the Cultivation of Science Department of Physical Chemistry Kolkata - 700 032 West Bengal	7.50	36
1568	Interfacial electron transfer dynamics in semiconductor nanocomposites: A nonadiabatic molecular dynamics simulation	CSIR-GS	Pal,S., Dr. (M) Gour Banga University Department of Chemistry Malda - 732 103 West Bengal	12.14	36
1569	Investigation of functionalized sandwich and half-sandwich organometallic molecules as optical sensing and molecular switching devices	CSIR-GS	Chatterjee,S., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	11.00	36
1570	Luminescent carbon nanodots: A fundamental understanding and potential application thereof	CSIR-GS	Panda,D., Dr. (M) Rajiv Gandhi Institute of Petroleum Technology Amithi Faizabad - 229 304 Uttar Pradesh	9.04	36
1571	Magnetic core supported heterogeneous catalysts for the glycerol carbonate synthesis	CSIR-GS	Ali,A., Dr. (M) Thapar University School of Chemistry & Biochemistry Patiala - 147 004 Punjab	14.36	36
1572	Metal complexes of B-lactams: Investigation of the combination of cholesterol depletion & DNA cross-linking to develop new anticancer agents	CSIR-GS	Mukherjee,A., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Chemical Science Mohanpur - 741 246 West Bengal	9.00	36
1573	Nanostructured metal oxides and metal sulfides as adsorbents for environmental remediation	CSIR-GS	Jeevandiam,P., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	9.00	36
1574	Near-Infrared Chemodosimetric (NIRCD) luminescent chemosensor for detecting toxic ions in environmental samples and bioimaging applications	CSIR-GS	Mahapatra,A.K., Dr. (M) Indian Institute of Engineering Science & Technology Department of Chemistry Howrah - 711 103 West Bengal	27.26	36
1575	Novel approach to make tailored design 'molecular glue' from bioinspired dye molecules: Evaluation of properties and potential antitumor/anticancer applications	CSIR-GS	Sadhukhan,N., Dr. (F) Institute of Chemical Technology Department of Dye stuff Technology Mumbai - 400 019 Maharashtra	24.32	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1576	Optomagnetic nanostructures: Potential carriers for nutraceuticals	CSIR-GS	Mehta,S.K., Prof. (M) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	8.85	36
1577	Oriented assemblies of ferroelectric nanostructures with enhanced polarization for photocatalytic water splitting	CSIR-GS	Vaidya,S., Dr. (F) Institute of Nano Science & Technology Mohali - 160 062 Punjab	8.79	36
1578	Oxidative cross-coupling for divergent synthesis of N-heterocycles	CSIR-GS	Jannapureddy,R., Dr. (M) Osmania University Department of Chemistry Hyderabad - 500 007 Telangana	16.74	36
1579	Photo-degradation of toxic organic dyes using dye-sensitized semiconductor photocatalyst	CSIR-GS	Chakraborty,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry Pilani - 333 031 Rajasthan	16.71	36
1580	Poly Lactic-Co-Glycolic Acid (PLGA) based nanoparticles for delivery of polyphenols and effect of Human Serum Albumin (HAS) on their release property and antioxidant property	CSIR-GS	Dasgupta,S., Prof. (F) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	14.04	36
1581	Propargyl alcohols as versatile synthons for the synthesis of privileged molecules through regioselective cascade methods	CSIR-GS	Yaragorla,S., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Telangana	26.21	36
1582	Rational design to stabilizing or axial single-ion magnetic anisotropy in CO(II) complexes	CSIR-GS	Shanmugam,M., Prof. (M) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	12.00	36
1583	Reduced Graphene Oxide (RGO)-based dendrimers as novel heterogeneous catalysts for Co2 fixation and organic synthesis	CSIR-GS	Pathak,D.D., Prof. (M) Indian Institute of Technology (Dhanbad) Department of Applied Chemistry Dhanbad - 826 004 Jharkhand	6.00	36
1584	Searching of less toxic and more effective CIS-platin based new PT (II) anticancer agents: Kinetics, DNA binding, bio-activity and DFT study	CSIR-GS	Moi,S.C., Dr. (M) National Institute of Technology (Durgapur) Department of Chemistry Durgapur - 713 209 West Bengal	10.25	36
1585	Selective construction of multiphase Mxn+@(SnO2/TiO2) hybrid nanocomposite materials for high performance photocatalytic applications	CSIR-GS	Anbalagan,K., Prof. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	6.00	36
1586	Selective rare earth elements substitution in Ytria for hard tissue replacement and bimodal imaging application	CSIR-GS	Kannan,S., Dr. (M) Pondicherry University Center for Nano Science & Technology Puducherry - 605 014 Puducherry	6.00	36
1587	Sense and separate strategy for the detection of toxic analytes using organic-inorganic hybrid mesoporous materials	CSIR-GS	Velmathi,S., Dr. (F) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	5.00	36
1588	Strategic design and synthesis via chemoenzymatic approach of small molecule based hypnotic agents for intravenous general anesthesia	CSIR-GS	Laha,J.K., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Pharmaceutical Technology Mohali - 160 062 Punjab	17.04	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1589	Structural diversity and supramolecular architectures of copper(II) complexes based on flexible schiff bases with polyatomic moieties as co-ligands	CSIR-GS	Patel,R.N., Prof. (M) Awadhesh Pratap Singh University Department of Chemistry Rewa - 486 003 Madhya Pradesh	12.04	36
1590	Study on photoinduced electron transfer between pristine & cyclodextrin modified carbon Dots & DNA duplex	CSIR-GS	Purkayastha,P., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Chemical Science Mohanpur - 741 246 West Bengal	6.00	36
1591	Supramolecular chirogenesis in the novel electron-deficient bisporphyrins and their applications in absolute configuration determination of chiral organic compounds	CSIR-GS	Bhyrappa,P., Prof. (M) Indian Institute of Technology (Madras) Department of Chemistry Chennai - 600 036 Tamil Nadu	7.50	36
1592	Synthesis and characterization of new anthracene-fused second generation B (III) subporphyrins-potential dyes for efficient Dye Sensitized Solar Cells (DSCs)	CSIR-GS	Panda,P.K., Prof. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Telangana	13.00	36
1593	Synthesis and characterization of new silanes and silatranes derived from pyrene moieties for biological activity studies	CSIR-GS	Singh,G., Dr. (M) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	8.50	36
1594	Synthesis and reactivity studies of active metal-oxygen species from late transition metal complexes	CSIR-GS	Paine,T.K., Prof. (M) Indian Association for the Cultivation of Science Department of Inorganic Chemistry Kolkata - 700 032 West Bengal	16.00	36
1595	Synthesis of metal complexes using 'D-Glucose' derived ligands and application of produced molecules in catalysis	CSIR-GS	Sah,A.K., Prof. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry Pilani - 333 031 Rajasthan	12.04	36
1596	Synthesis of metallaboranes & borides containing rare earth elements and their applications	CSIR-GS	Ghosh,S., Dr. (M) Indian Institute of Technology (Madras) Department of Chemistry Chennai - 600 036 Tamil Nadu	18.00	36
1597	The thermal rearrangement of phenyl allyl ethers propargyl ethers and benzyl ethynyl ethers behind reflected shock waves	CSIR-GS	Rajakumar,B., Dr. (M) Indian Institute of Technology (Madras) Department of Chemistry Chennai - 600 036 Tamil Nadu	6.00	36
1598	Tuning the homo-lumo gap of donor-acceptor Benzothiadiazoles	CSIR-GS	Misra,R., Dr. (M) Indian Institute of Technology (Indore) Department of Chemistry Indore - 453 552 Madhya Pradesh	12.00	36
1599	Visible light photoredox organocatalysis via two photon excitation methodology in oxidative cross coupling reactions	CSIR-GS	Mal,P., Dr. (M) National Institute of Science Education & Research School of Chemical Science Khurda - 752 050 Odisha	21.96	36
1600	Developing luminescent P-type 1,2,3-Triazole functionalized N-conjugated polymers for detection of trace nitroaromatic explosives	DRDO-ER & IPR	Patra,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	41.25	36
1601	Development of corrosion resistant hydrophobic coatings for the protection of structural components under saline water applications	DRDO-ER & IPR	Chandra,R., Dr. (M) Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	75.24	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1602	Development of mesoporous silica (or Alumina) - SiC-metal nanoparticle based nanocomposites for radar absorption application at high temperature	DRDO-ER & IPR	Ghosh,N.N., Mr. (M) Associate Professor Birla Institute of Technology & Science (Pilani) Zuarinagar - 403 726 Goa	15.13	36
1603	Development of new biopolymeric functionalized resins, nanocomposites/ hybrid materials for the removal of heavy metals ions	DRDO-ER & IPR	Meenakshi,S., Dr. (F) Professor Gandhigram Rural University Dindigul - 624 302 Tamil Nadu	54.83	36
1604	Green chemistry approach, for the synthesis of smart nanostructures using ultrasonic cavitation technique with study of particle formation mechanism & their application in speciality polymers	DRDO-ER & IPR	Shimpi,N.G., Dr. (M) Associate Professor Mumbai University Santacruz Mumbai - 400 098 Maharashtra	45.33	36
1605	Recovery of germanium as metal/salts from secondary resources	DRDO-ER & IPR	Jha,M.K., Dr. (M) Principal Scientist CSIR-National Metallurgical Laboratory Jamshedpur - 831 039 Jharkhand	39.27	24
1606	Bacterial bio-reporters for detection of landmines vapors	DRDO-LSRB	Sahu,K.K., Dr. (M) Professor Pt. Ravishankar Shukla University School of Studies in Biotechnology Raipur - 492 010 Chhattisgarh	30.94	36
1607	Design & development of cold plasma based portable water treatment unit for armed forces in difficult conditions	DRDO-LSRB	Anandharmakrishnan,C., Dr. (M) Director Indian Institute of Crop Processing Technology Thanjavur - 613 005 Tamil Nadu	32.61	36
1608	Development of ION exchange membrane coated electrodes for removal of heavy metals including radio nuclide from aqueous solutions using electrochemical adsorption technique	DRDO-LSRB	Ingole,P.P., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Department of Chemistry, Hauz Khas New Delhi - 110 016 Delhi	41.81	24
1609	Development of light weight & anticorrosive material for shoe outsoles	DRDO-LSRB	Jana,S., Dr. (M) Principal Scientist CSIR-Central Glass & Ceramic Research Institute Division of Sol-Gel, 196, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	19.01	24
1610	Exploration of drug development for psychological stress mediated IBD, from the indigenous medicinal plants of NE, India	DRDO-LSRB	Murty,U.S.N., Dr. (M) Director National Institute of Pharmaceutical Education & Research C/O NIPS, Mirza, Kamrup Guwahati - 781 125 Assam	41.65	36
1611	Metal hexacyanoferrate modified screen printed electrodes for the removal of radio nuclides	DRDO-LSRB	Pandey,P.C., Dr. (M) Professor Indian Institute of Technology (BHU) Department of Chemistry Varanasi - 221 005 Uttar Pradesh	41.72	36
1612	Thermo-catalytic cracking of waste plastic for the production of value added chemicals	DRDO-LSRB	Pant,K.K., Dr. (M) Professor Indian Institute of Technology (Delhi) Department of Chemical Engineering, 187, Block II, Hauz Khas New Delhi - 110 016 Delhi	33.88	36
1613	BRICS technology platform for integrated bioprocessing of agricultural residues for eco-sustainable production of biofuels & by-products	DST-IMRC	Yadav,S.K., Dr. (M) Centre of Innovative Applied Bio Processing S.A.S. Nagar Mohali - 140 306 Punjab	48.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1614	Development of fundamentals for integrated catalytic processing of biomass to fuels & value-added chemicals	DST-IMRC	Bhanage,B.M., Prof. (M) Institute of Chemical Technology Nathalal Parikh Marg, Matunga Mumbai - 400 019 Maharashtra	46.98	36
1615	Development of membrane-based methods to improve the recovery of pure water & valuable products from the waste	DST-IMRC	Ghosh,S., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	41.83	36
1616	Electronic & magnetic properties of multiferroic materials	DST-IMRC	Sundaresan,A., Mr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	25.44	36
1617	Environmental Geochemistry & treatment of organic pollutants in aquatic systems in the selected areas of China, India & Russia	DST-IMRC	Dubey,K.K., Dr. (M) Central University of Haryana Jant-Pali Mahendragarh - 123 031 Haryana	2.77	36
1618	Environmental Geochemistry & treatment of organic pollutants in aquatic systems in the selected areas of China, India & Russia	DST-IMRC	Pal,S., Dr. (F) National Institute of Technology (Durgapur) Mahatma Gandho Road Durgapur - 713 209 West Bengal	44.09	36
1619	Low-cost innovative technology for water quality monitoring & water resources management for urban & rural water systems in India	DST-IMRC	Gudi,R.D., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	832.62	36
1620	Nanocrystalline hard magnetics Sm-Co-Fe-T alloys (T=Cu, Ti, Zn & Zr) with the normal & abnormal temperature dependence of coercivity	DST-IMRC	Gopalan,R.N., Dr. (M) International Advanced Research Centre for Powder Metallurgy & New Materials Plot No. 102, Sector 44 Gurgaon - 122 003 Haryana	35.94	36
1621	Photo-irradiation & adsorption based novel innovations for water treatment	DST-IMRC	Ritadhodapkar, Dr. (F) CSIR-National Environmental Engineering Research Institute Nehru Nagar Nagpur - 440 020 Maharashtra	596.93	36
1622	Platinum as an essential element in an integrated process for efficient energy conversion	DST-IMRC	Bordoloi,A., Dr. (M) CSIR-Indian Institute of Petroleum Dehradun - 248 001 Uttarakhand	34.62	36
1623	Potential & validation of sustainable natural & advance technologies for water & wastewater treatment, monitoring & safe water reuse in India	DST-IMRC	Khalil,N., Prof. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	782.94	36
1624	Silicon carbide biomedical coatings prepared by chemical vapor deposition	DST-IMRC	Basu,B., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	26.73	36
1625	Aerobic oxidations of light alkanes over atomically thin clay layers of controlled lateral dimesnsions	DST-N-M	Raidongia,K., Dr. (M) Indian Institute of Technology (Guwahati) Department of Chemistry Guwahati - 781 039 Assam	59.51	36
1626	Combination of nanomaterials & small molecules for the detection of amyloid beta peptides aggregation at nanomolar concentration	DST-N-M	Sadhu,K.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	58.48	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1627	Design of Two-Dimensional Metal Dichalcogenides (2D-TMDs) & their applications in photoelectrocatalysis	DST-N-M	Ganguli,A.K., Dr. (M) Indian Institute of Technology (Delhi) Department of Chemistry, Hauz Khas New Delhi - 110 016 Delhi	62.73	36
1628	Detecting single base mutations in DNA through magnetic nanotagging: A reusable, nucleobase specific flurescent assay	DST-N-M	Thiagarajan,V., Dr. (M) Bharathidasan University School of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	47.33	36
1629	Development of graphene/polyani line modified Li2 M1-xSiO4 (M=Mn, Co, Ni) (X=Cu, V, Sn Sm, Ce) nanocomposite cathode materials for high voltage rechargeable lithium-ion batteries	DST-N-M	Paruthimal,G.K.K., Dr. (M) Alagappa University Department of Industrial Chemistry, Alagappa Puram Karaikudi - 630 003 Tamil Nadu	39.21	36
1630	Development of graphene-metal oxide nanocomposite based ammonia sensing device for medical application	DST-N-M	Pal,M., Dr. (M) CSIR-Central Glass & Ceramic Research Institute Division of Sensor Actuator, 196, Raja S.C. Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	20.67	36
1631	Development of nano-generation vascular scaffolds with anti-thrombotic potential	DST-N-M	Dash,D., Prof. (M) Banaras Hindu University Department of Biochemistry Varanasi - 221 005 Uttar Pradesh	125.95	36
1632	Development of stirrcast heat sink out of Ai-Si-MWCNT alloy composite for thermal management of high-power LEDs	DST-N-M	Das,P., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Centre for Advanced Materials Processing, Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	68.29	36
1633	Development of technology & processes to produce nanomaterials, nanocomposites, nanocoatings, nanolubricants & nanoceramics	DST-N-M	Rao,R., Dr. (M) Indian Institute of Technology (Madras) Corporate Technology Centre, Tube Investments of India Ltd., Avadi Chennai - 600 036 Tamil Nadu	109.26	36
1634	Investigations of organic nano-materials memory applications	DST-N-M	Mallik,A., Prof. (M) Calcutta University Kolkata - 700 073 West Bengal	116.97	36
1635	Mitochondrial central dogma by chimeric nanoparticle in cancer	DST-N-M	Basu,S., Dr. (M) Indian Institute of Technology (Gandhinagar) Discipline of Chemistry, Palaj Gandhinagar - 382 355 Gujarat	22.86	36
1636	Nanostructured cathodes & interlayers for Na-S & Mg-S batteries	DST-N-M	Bhattacharyya,A.J., Dr. (M) Indian Institute of Science Solid State & Structural Chemistry Unit Bengaluru - 560 012 Karnataka	66.03	36
1637	Ordered nanoporous membranes & functionalized nanomaterials for water & wastewater treatment	DST-N-M	Nataraj,S.K., Dr. (M) Jain University Centre for Nano & Material Sciences Bengaluru - 560 069 Karnataka	159.54	36
1638	Surface Interrogation Scanning Electrochemical Microscopy (SISECM) screening of metal nanoparticle coupled semiconductor for photo-oxidation/reduction of water & CO2	DST-N-M	Bhat,M.A., Dr. (M) Kashmir University Department of Chemistry Srinagar - 190 006 Jammu & Kashmir	87.01	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1639	Theoretical investigation of methane oxidation catalyzed by metal nanoclusters supported on zeolites	DST-N-M	Deka,R.C., Prof. (M) Tezpur University Department of Chemical Sciences, Napaam Tezpur - 784 028 Assam	52.01	36
1640	A convergent and chiral auxiliary based approach for the total synthesis of callyspongiolide A	DST-SERB-CRG	Prabbaraja,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	53.45	36
1641	A molecular approach to magnetic switches: Optimizing bi-stability in framework structures, metal grids and radicals	DST-SERB-CRG	Konar,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	46.38	36
1642	A simple and robust microchip to screen post translational modifications in human plasma	DST-SERB-CRG	Tetala,K.K.R., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	28.60	36
1643	Activation of molecular hydrogen and its catalytic transfer using main group based compounds	DST-SERB-CRG	Mandal,S.K., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	42.90	36
1644	Active site analysis of aminoacyl tRNA synthetase: Computational study of interactions with cognate and antibacterial substrates	DST-SERB-CRG	Nandi,N., Dr. (M) Kalyani University Block-C Kalyani - 741 245 West Bengal	52.43	36
1645	Aminoglycoside (Tobramycin) based hybrid small molecules targeting bacterial rRNA A-site for developing new anti-tuberculosis agents	DST-SERB-CRG	Ranjan,N., Dr. (M) National Institute of Pharmaceutical Education & Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg Rae Bareilly - 229 010 Uttar Pradesh	41.45	36
1646	Application and development of gradient gravitational search Algorithm towards conformational analysis and protein modeling	DST-SERB-CRG	Sahu,P.K., Dr. (M) Sambalpur University Jyoti Vihar, Burla Sambalpur - 768 019 Odisha	33.40	36
1647	Asymmetric organocatalytic methods for C-C and C-heteroatom bond formation	DST-SERB-CRG	Singh,R.P., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	65.08	36
1648	Band-width tunable organic and polymer micro-resonators for lasing	DST-SERB-CRG	Chandrasekar,R., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	56.93	36
1649	Beyond the 'Gold-standard' of quantum chemistry: Coupled cluster approach from molecules to condensed phase	DST-SERB-CRG	Maitra,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	49.21	36
1650	Carbo- and heterometallation of alkynes towards selective synthesis of alkenyl scaffolds	DST-SERB-CRG	Maddi,S.R., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka, Uppal Road Hyderabad - 500 007 Telangana	36.63	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1651	Carbon-carbon cross coupling reaction through reductive elimination with iron-catalyst; spin state influences, electronic structural and mechanistic studies through DFT	DST-SERB-CRG	Senthilnathan,D., Dr. (M) PRIST University Vallam Thanjavur - 613 403 Tamil Nadu	30.10	36
1652	Catalytic modification of low value essential oils to chiral selective commodity products with enhance bioactivity through green processes	DST-SERB-CRG	Rout,P.K., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Near Kukrail Picnic Spot Lucknow - 226 015 Uttar Pradesh	28.07	36
1653	Catalytic, enantioselective desymmetrization of prochiral and meso-compounds with quaternary carbon centers	DST-SERB-CRG	Perucheralathan,S., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Khurda Bhubaneswar - 751 005 Odisha	42.20	36
1654	Chemistry under Strong Coupling (STRONGchem)	DST-SERB-CRG	George,J., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	58.30	36
1655	Chemoselectivity regulation of functional groups in the chemical labeling of proteins	DST-SERB-CRG	Rai,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	66.73	36
1656	Comparative reactivity of nitric oxide and thiolates with dinuclear transition metal complexes	DST-SERB-CRG	Majumdar,A., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandr Mullick Road Kolkata - 700 032 West Bengal	34.62	36
1657	Compounds with (X)Sn=O-LA moieties: Are they isolable? (X = iPr, halogen, OtBu, NMe ₂ , OH; LA = Lewis Acid)	DST-SERB-CRG	Nagendran,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	62.53	36
1658	Computational designing of stimuli responsive complexes based on carbon nanostructures	DST-SERB-CRG	Ramachandran,C.N., Dr. (M) Indian Institute of Technology (Roorkee) Haridwar Rishikesh - 247 667 Uttarakhand	42.35	36
1659	Computational studies on the mechanisms and dynamics of substitution reactions	DST-SERB-CRG	Lourderaj,U., Dr. (F) National Institute of Science Education & Research Institute of Physics Campus, Po: Sainik School Bhubaneswar - 751 005 Odisha	21.10	36
1660	Computational study of the early stages in the palladium catalyzed coupling reactions	DST-SERB-CRG	Ayappan,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	13.60	36
1661	Computer simulations on structure and molecular transport in ionic liquid doped polymer electrolyte membranes for high temperature fuel cell technologies	DST-SERB-CRG	Venkatnathan,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	59.38	36
1662	Conformation control via the fluorine - ammonium ion gauche effect: Exploration of asymmetric reaction	DST-SERB-CRG	Gururaja,G.N., Dr. (M) Central University of Gujarat Sector 29 Gandhinagar - 382 030 Gujarat	54.30	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1663	Contracted and expanded porphyrin analogues with polycyclic aromatic units: Syntheses and applications	DST-SERB-CRG	Srinivasan,A., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Khurda Bhubaneswar - 751 005 Odisha	49.98	36
1664	Cooperative catalysis through dual activation for stereoselective synthesis of glycosides	DST-SERB-CRG	Mandal,P.K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	45.21	36
1665	D-4F heterometallic three dimensional edifices for designing versatile functional devices and materials	DST-SERB-CRG	Ramamurthy,N., Dr. (M) Lovely Professional University NH 1, Phagwara Kapurthala - 144 411 Punjab	35.00	36
1666	Design and controlled fabrication of anisotropic nanoparticles for catalysis and sensing applications	DST-SERB-CRG	Samal,A.K., Dr. (M) Jain University Jain Global Campus, 45 km, NH - 209, Post Jakkasandra Ramanagara - 562 112 Karnataka	60.61	36
1667	Design and development of boron peptides: Novel proteasome inhibitors and selective organelle fluorescent imaging agents	DST-SERB-CRG	Thilagar,P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.94	36
1668	Design and development of CsAX ₃ (A=Pb/Sn; X=Cl, Br, I) perovskite nanocrystals as the emerging class of materials for multiplex biosensing	DST-SERB-CRG	Balakrishna,R.G., Dr. (F) Jain University Jain Global Campus, 45 km, NH - 209, Post Jakkasandra Ramanagara - 562 112 Karnataka	30.84	36
1669	Design and development of high performance magnetostrictive cobalt ferrite thin films for sensors and actuators applications	DST-SERB-CRG	Anantharamaiah,P.N., Dr. (M) M.S. Ramaiah University of Applied Sciences No-470-P, Peenya Industrial Area Bengaluru - 560 058 Karnataka	38.21	36
1670	Design and development of NMR methodologies and the exploration of hydrogen bonding interactions involving organic fluorine	DST-SERB-CRG	Nagarajarao,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	43.56	36
1671	Design and development of polymeric gels for metal ion sequestration from wastewater	DST-SERB-CRG	Jacob,J., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	43.49	36
1672	Design and functional enrichment of triplet harvesting organic emitters for OLED	DST-SERB-CRG	Thomas,K.R.J., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	60.32	36
1673	Design and synthesis of CBr ₄ -analogues halogen bonding catalysts for functional group activation: An extension to asymmetric synthesis	DST-SERB-CRG	Sekar,G., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	59.30	36
1674	Design and synthesis of hierarchically porous carbon- metal oxide-conducting polymer composites for electrochemical supercapacitors	DST-SERB-CRG	Mahanta,D., Dr. (M) Gauhati University Gopinath Bordoloi Nagar Guwahati - 781 014 Assam	37.95	36
1675	Design and synthesis of novel porous nanomaterials for chemical fixation of CO ₂	DST-SERB-CRG	Bhaumik,A., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	22.26	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1676	Design and synthesis of novel Quorum Sensing (QS) autoinducer probes to unravel the pseudomonas aeruginosa regulation	DST-SERB-CRG	Dandela,R., Dr. (M) Institute of Chemical Technology Nathalal Parekh Marg, East Matunga Mumbai - 400 019 Maharashtra	44.07	36
1677	Design and synthesis of photoswitchable chemotherapy drugs and antibiotics	DST-SERB-CRG	Samanta,S., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	52.37	36
1678	Design and understand of the nanomaterial based light harvesting systems	DST-SERB-CRG	Patra,A., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	35.96	36
1679	Design of entangled dynamic metal organic frameworks for hydrogen storage property	DST-SERB-CRG	Ghoshal,D., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	44.79	36
1680	Design, synthesis and cellular uptake of non-peptidic cellular transporters and their application in the delivery of siRNA and antisense morpholino oligonucleotides for gene silencing in cancer cells	DST-SERB-CRG	Sinha,S., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	50.32	36
1681	Design, synthesis and characterization of multifunctional platform for targeted-tumor phototherapy	DST-SERB-CRG	Sawant,D.M., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	60.90	36
1682	Designer dendrimers as thermal stability amplifiers for IgG1 monoclonal antibody biotherapeutics	DST-SERB-CRG	Haridas,V., Dr. (M) National Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	41.37	36
1683	Designing of hybrid carbon network for clean energy	DST-SERB-CRG	Sarkar,U., Dr. (M) Assam University P.O. Dorgakona, Cachar Silchar - 788 011 Assam	33.33	36
1684	Designing PEPPSI-type palladium N-heterocyclic carbene complexes and their immobilization onto support for multifunctional catalysis	DST-SERB-CRG	Das,P., Dr. (M) Dibrugarh University Dibrugarh - 788 004 Assam	37.66	36
1685	Developing small molecules that mimic the selectivity and gating of transmembrane ion transporters	DST-SERB-CRG	Madhavan,N., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	73.00	36
1686	Development of continuum based solvation models for excited state coupled cluster methods	DST-SERB-CRG	Dutta,A.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	48.38	36
1687	Development of Fe-complex for catalytic C-H bond hydroxylation in natural products using only O ₂ as the oxidant	DST-SERB-CRG	Gupta,S.S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	40.70	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1688	Development of first-row transition metal catalyzed C-H activation approach for the enantioselective synthesis of complex tri- and tetra-cyclic alkaloid natural product and their hybrid structures	DST-SERB-CRG	Ravikumar,P.C., Dr. (M) National Institute of Science Education & Research P.O. Sainik School Bhubaneswar - 751 005 Odisha	56.50	36
1689	Development of graphene & MoS2 based van der waals solids for smart sensors	DST-SERB-CRG	Narayanan,T.N., Dr. (M) Tata Institute of Fundamental Research Centre for Interdisciplinary Science, Brundavan Colony, Narsingi, 21, Osman Sagar Road, Manchirevula Hyderabad - 500 075 Telangana	39.64	36
1690	Development of heterometallic complexes and their theranostic and catalytic aspects	DST-SERB-CRG	Patra,S., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	31.24	36
1691	Development of high-capacity binary and ternary alloy anode materials for sodium-ion batteries	DST-SERB-CRG	Martha,S.K., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	57.90	36
1692	Development of highly sensitive colorimetric and fluorescent moisture sensors, based on small molecules, chemically modified paper and electrospun nanofibrous materials	DST-SERB-CRG	Devadoss,A.J., Dr. (M) National Institute of Technology (Kurukshetra) Thanesar Kurukshetra - 136 119 Haryana	31.09	36
1693	Development of lanthanide based multifunctional nanoparticles for photocatalytic water splitting applications	DST-SERB-CRG	Ahmad,T., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	46.87	36
1694	Development of mesoporous g-C ₃ N ₄ for high performance supercapacitor applications	DST-SERB-CRG	Devaraj,S., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	16.90	36
1695	Development of next-generation hybrid solar cells: Effectual diketopyrrolopyrrole/ carbazole based materials for sustainable photovoltaics	DST-SERB-CRG	Palai,A.K., Dr. (M) Central Institute of Plastics Engineering & Technology B/25, CNI Complex, Patia Bhubaneswar - 751 024 Odisha	31.61	36
1696	Development of novel and multifunctional duplex coatings on titanium alloy for orthopedic implant applications	DST-SERB-CRG	Gopi,D., Dr. (M) Periyar University Periyar Palkalai Nagar Salem - 636 011 Tamil Nadu	28.88	36
1697	Development of novel bicyclic secondary amine catalysts for the stereoselective vinylogous functionalization of unsaturated aldehydes	DST-SERB-CRG	Appayee,C., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Gandhinagar - 382 424 Gujarat	52.21	36
1698	Development of novel, cost-effective, and high-performance polymer membrane electrolytes comprising of redox mediator-incorporated cross-linked polymer hydrogels for solid-state supercapacitors	DST-SERB-CRG	Choudhury,N.A., Dr. (M) Nagaland University District Lumani Zunheboto - 798 627 Nagaland	36.84	36
1699	Development of organo-photocatalysis for the asymmetric synthesis of drug-like carbocycles and heterocycles	DST-SERB-CRG	Dhevalapally,R.B., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	46.31	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1700	Development of oxindole based fluorescent, cell imager and its folate derivative as anti-cancer agents	DST-SERB-CRG	Adhikari,S.S., Dr. (F) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	54.27	36
1701	Development of pincer and porphyrin complexes for remote C-H functionalization of heterocycles; Insights into the mechanism	DST-SERB-CRG	Maiti,D., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	56.21	36
1702	Development of porous Metal-Organic Frameworks (MOFs) for catalytic conversion of carbon dioxide to fine chemicals	DST-SERB-CRG	Nagaraja,C.M., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	53.10	36
1703	Development of rigid -conjugated polymers via direct heteroarylation polycondensation for energy applications	DST-SERB-CRG	Asha,S.K., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	34.95	36
1704	Development of tandem copper catalyzed arylation-cyclization strategies: Synthesis of biologically active compounds	DST-SERB-CRG	Suresh,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	40.61	36
1705	Development of unorthodox photocatalysis reactions through insitu generation of carbenes and nitrenes under low energy light: Diverse cyclization for functional molecules and mechanistic study	DST-SERB-CRG	Maiti,D.K., Dr. (M) Calcutta University Rajabazar Science College, 92, Acharya Prafulla Chandra Road Kolkata - 700 009 West Bengal	25.30	36
1706	Dissipative microphases regulated by emergence of catalytic behaviour in supramolecular peptide assemblies	DST-SERB-CRG	Das,D., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	49.07	36
1707	Divergent syntheses of chondroitin sulfate and fucosylated chondroitin sulfate oligosaccharides via orthogonally protected disaccharide intermediates	DST-SERB-CRG	Yadav,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	41.10	36
1708	DMRG studies of intermolecular electronic processes in conjugated systems	DST-SERB-CRG	Ramasesha,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	69.50	36
1709	Donor-acceptor NIR absorbing tetracyanobutadiene and expanded tetracyanobutadiene derivatives of ferrocenyl functionalized BODIPYs	DST-SERB-CRG	Misra,R., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	48.51	36
1710	Double SN2' cascade for biomimetic total synthesis of anti-diabetic natural products chlorabietol A-C and callistrilones A, B.	DST-SERB-CRG	Dethe,D.H., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	64.50	36
1711	Effect of amyloid beta peptide on intracellular copper metabolism: Implications to inflammation and neuro-degeneration	DST-SERB-CRG	Kulkarni,P.P., Dr. (M) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	36.31	36
1712	Efficient design of multi-component systems: Eutectics, cocrystals and solid solutions via better insights into their microstructures	DST-SERB-CRG	Gururow,T.N.R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	78.67	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1713	Electronic and vibrational spectroscopic investigations of thioamides as potential surrogates of amides in peptides	DST-SERB-CRG	Biswal,H.S., Dr. (M) National Institute of Science Education & Research P.O. Sinik School, Khurda Bhubaneswar - 751 005 Odisha	53.22	36
1714	Electronic spectroscopy, reactive dynamics and control of chemical dynamics on coupled potential energy surfaces	DST-SERB-CRG	Mahapatra,S., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	47.97	36
1715	Elucidation of active site dynamics, function and receptor binding of Insulin at the single molecular level	DST-SERB-CRG	Sen,P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	51.70	36
1716	Enantioselective carbon-silicon bond formation using evolved cytochrome c enzymes	DST-SERB-CRG	Husain,S.M., Dr. (M) Centre of Biomedical Research Raebareli Road Lucknow - 226 014 Uttar Pradesh	50.91	36
1717	Energy efficient electro and photoelectrochemical hydrogen generation by water splitting deploying photo-synthesized non-precious transition metal catalysts	DST-SERB-CRG	Kundu,S., Dr. (M) CSIR-Central Electrochemical Research Institute ECRI Nagar Karaikudi - 630 006 Tamil Nadu	20.52	36
1718	Experimental and computational investigations on the photo-oxidation of selective esters and fluorinated ethers initiate by OH radicals and Cl atoms and their impact on the earth's atmosphere	DST-SERB-CRG	Balla,R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	55.33	36
1719	Exploration of CIS-bimetallic complexes in porphycene and its isomeric analogues corphycene and porphyrin	DST-SERB-CRG	Panda,P., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	55.23	36
1720	Exploration of gold/photoredox catalysis in organic synthesis	DST-SERB-CRG	Patil,N.T., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Building Govindpura, Gas Rahat Bhopal - 462 023 Madhya Pradesh	46.20	36
1721	Exploring ferroelectricity in single-component organic molecular crystals: Cases of imidazoles	DST-SERB-CRG	Munshi,P., Dr. (M) Shiv Nadar University Village Chithera, Tehsil Dadri, Gautam Buddha Nagar Greater Noida - 203 207 Uttar Pradesh	33.26	36
1722	Exploring the applications of chemical space networks in molecular library design and drug design	DST-SERB-CRG	Nagamani,S., Dr. (M) Shiv Nadar University Gautam Budha Nagar, Village Chithera, Tehsil Dadri Greater Noida - 203 207 Uttar Pradesh	45.16	36
1723	Functional inorganic materials based on polyoxometalates, coordination polymers and metal coordinated g-C ₃ N ₄	DST-SERB-CRG	Das,S.K., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	38.07	36
1724	Germanium, fluorine and boron doped carbon for energy storage and electrocatalysis	DST-SERB-CRG	Krishnamoorthy,K., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	41.30	36
1725	Gold-catalysed synthesis of fondaparinux and other glycosaminoglycans	DST-SERB-CRG	Srinivas,H., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	59.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1726	Green electrode materials: Renewable natural products derivatized high performance organic electrode material for energy storage	DST-SERB-CRG	Harish,M.N.K., Dr. (M) Acharya Institute of Technology Acharya Dr. Sarvepalli Radhakrishnan Road Bengaluru - 560 107 Karnataka	22.93	36
1727	Greenhouse gas to fuel: Development of powerful catalytic systems based on pincer-metal catalysts heterogenized on solid supports for the conversion of carbon dioxide to methanol	DST-SERB-CRG	Kumar,A.A.S., Dr. (M) Indian Institute of Technology (Guwahati) Near Doul Gobinda Road, Amingaon Guwahati - 781 039 Assam	38.76	36
1728	Heteroaromatic-annulated porphyrins: Design, synthesis and study of optoelectronic properties towards the development of photosensitizers	DST-SERB-CRG	Kumar,D., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	24.82	36
1729	Heterocyclic-based peptidomimetics for non-viral gene delivery	DST-SERB-CRG	Patri,S.V., Dr. (F) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	41.91	36
1730	Hexabenzocoronene as a versatile template for integrating panchromatic photosensitizer- cheap metal catalyst to a single platform: A novel class of cost-effective catalysts for efficient photo-driven water oxidation	DST-SERB-CRG	Chitta,R., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	44.04	36
1731	High energy density lithium-sulphur rechargeable batteries based on garnet structured electrolytes	DST-SERB-CRG	Ramaswamy,M., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	42.61	36
1732	Highly selective ring-opening polymerization of cyclic esters catalyzed by alkali metal complexes leading to biodegradable polymer	DST-SERB-CRG	Panda,T.K., Dr. (M) National Institute of Technology (Hyderabad) Yeddumailaram - 502 205 Telangana	65.08	36
1733	Identification of electroactive materials for high energy and high power rechargeable aluminum-ion battery	DST-SERB-CRG	Das,S.K., Dr. (M) Tezpur University Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	32.82	36
1734	In search of unsymmetrically substituted anthracenyl π -conjugates as tunable mechanofluorochromic small molecules	DST-SERB-CRG	Chakravarty,M., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	28.25	36
1735	Inert C-H bond activation-initiated cascade processes via oxidative organocatalysis	DST-SERB-CRG	Sridharan,V., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	53.38	36
1736	Inhibition of enzymes by small molecules: Reaction coordinates, free energy and rates from computer simulation studies	DST-SERB-CRG	Taraphder,S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	55.02	36
1737	Integrated gravity flow water filtration system to purify hazardous species by using adsorptive and photo catalytic route	DST-SERB-CRG	Patel,R.K., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	36.59	36
1738	Interface modification of lithium garnets for all-solid-state lithium batteries	DST-SERB-CRG	Ramesha,K., Dr. (M) CSIR-Central Electrochemical Research Institute CERI Nagar Karaikudi - 630 006 Tamil Nadu	16.19	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1739	Interrogating membrane organization and dynamics of mycobacterial lipids: A high-pressure biophysical approach	DST-SERB-CRG	Kapoor,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	57.20	36
1740	Investigating photoinduced blinking dynamics and spectral diffusion in single semiconductor quantum-dots and perovskite nanocrystals	DST-SERB-CRG	Chowdhury,A., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	86.90	36
1741	Investigation of novel solid state electrochemiluminescence platforms for point-of-care application	DST-SERB-CRG	Senthilkumar,S., Dr. (M) CSIR-Central Electrochemical Research Institute CECRI Nagar Karaikudi - 630 006 Tamil Nadu	22.80	36
1742	Investigation of stable organic and organometallic radical ions and ions as electro-active species in organic Redox Flow Batteries (RFBs) in non-aqueous media	DST-SERB-CRG	Sankaramanan,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	75.59	36
1743	Investigation on the reduction of polysulfide shuttling effect using electrospun polymer composite membrane separators for high-performance Li-S batteries	DST-SERB-CRG	Kalaiselvan,R., Dr. (M) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	37.42	36
1744	Investigations into the mechanism of solvent control of protein's functions: Specific cases of adenosine kinase and Insulin dimer	DST-SERB-CRG	Bagchi,B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	45.03	36
1745	Ir-Catalyzed C(sp ²)-H Bond activation and borylation of arenes via noncovalent interactions	DST-SERB-CRG	Chattopadhyay,B., Dr. (M) Centre of Biomedical Research Raebareli Road Lucknow - 226 014 Uttar Pradesh	56.27	36
1746	Laser-induced chemistry involving H-atom transfers in small clusters of environmental and biologically significant phenols: Resonant photo-ionization mass spectrometry study	DST-SERB-CRG	Chakraborty,T., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	85.40	36
1747	Lead optimization of identified anti-TB chemotypes to develop novel pre-clinical candidate: Synthesis, in vitro, structure-activity relationship, pharmacokinetics and in vivo evaluation	DST-SERB-CRG	Singh,P.P., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	36.57	36
1748	Lewis acid catalyzed rearrangements in the synthesis of natural products, drug candidates and valuable compounds	DST-SERB-CRG	Fernandes,R.A., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	53.53	36
1749	Light driven switching of acidity and control of catalytic activity	DST-SERB-CRG	Bandhyopadhyay,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	44.67	36
1750	Magnetic circular dichroism studies of transition metal doped inorganic perovskite halides	DST-SERB-CRG	Viswanatha,R., Dr. (F) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	58.90	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1751	Mechanism of photoprotection and photodamage in melanin and the role of heterogeneity: An excited state hybrid QM/MM study	DST-SERB-CRG	Ghosh,D., Dr. (F) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	46.44	36
1752	Mechanistic investigation of metallo-porphyrin catalyzed amination reaction: An experimental and theoretical exploration	DST-SERB-CRG	Patra,R., Dr. (M) Amity University Sector 125, New Okhla Industrial Development Area Noida - 201 303 Uttar Pradesh	48.08	36
1753	Mechanochemical synthesis and characterization of cocrystals in organic molecules	DST-SERB-CRG	Chopra,D., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Building Govindpura, Gas Rahat Bhopal - 462 023 Madhya Pradesh	28.74	36
1754	Merging photoredox catalysis with Cp*Co(III): A route to distal C-H bond	DST-SERB-CRG	Maji,M.S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	47.52	36
1755	Mesoionic Carbene analogues of late transition metal thione and selenone derivatives for C-C, C-N and C-S bond formation reactions	DST-SERB-CRG	Prabusankar,G., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	23.02	36
1756	Metal complexes of amide-based ligands for efficient synthesis of degradable benign polymers and sensing applications	DST-SERB-CRG	Patra,G.K., Dr. (M) Guru Ghasidas University Koni Bilaspur - 495 009 Chhattisgarh	28.28	36
1757	Metal complexes of ligands designed to act as antiangiogenic and antimetastatic agents against Cancer: Synthesis, characterization, stability and cytotoxicity studies	DST-SERB-CRG	Mukherjee,A., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	41.80	36
1758	Metal organic functionalised 2D MoS ₂ , WS ₂ based electronic nose towards selective detection of disease related volatile organic compounds	DST-SERB-CRG	Rajendrakumar,R.T., Dr. (M) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	39.85	36
1759	Metal-coordinated ligand radicals. Molecular and electronic structure, and reactivity	DST-SERB-CRG	Mukherjee,R.N., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	19.91	36
1760	Metal-organic frameworks and CPs of organic polymers: Exploration of gas sorption, energy storage, photopolymerization and other structure relevant functional properties	DST-SERB-CRG	Biradha,K., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	19.80	36
1761	Michael initiated ring closing reactions: Enantioselective synthesis of highly substituted spiro-cyclopropanes	DST-SERB-CRG	Singh,V.K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	64.64	36
1762	Microscopic investigation of the stability of proteins in amino acid solutions	DST-SERB-CRG	Jana,M., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	41.10	36
1763	Mixed metal thiolates as single source precursors for the preparation of nanomaterials with novel architectures and their applications	DST-SERB-CRG	Prasad,B.L.V., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	49.40	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1764	Molecular diversity using easily accessible 6-carbon building blocks	DST-SERB-CRG	Rengarajan,B., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	47.53	36
1765	Molecular engineering of perylene for energy conversion	DST-SERB-CRG	Achalkumar,A.S., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	41.91	36
1766	Monte carlo simulations for dynamic instability of microtubules and its experimental validation	DST-SERB-CRG	Vankatachalam,S., Dr. (F) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	60.71	36
1767	Multi-compartmental coordination cages	DST-SERB-CRG	Chand,D.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	33.40	36
1768	Multiple bonds between transition metals and boron: Syntheses and reactions of the borylidyne complexes	DST-SERB-CRG	Bose,S.K., Dr. (M) Jain University Jain Global Campus, 45 km, NH- 209, Jakkasandra Post Ramanagara - 562 112 Karnataka	54.84	36
1769	Naphthoquinone metal complexes as topoisomerase inhibitors	DST-SERB-CRG	Salunke,S.A., Dr. (F) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	37.02	36
1770	Near-infrared emitting graphene quantum dots in bio-imaging and theranostics	DST-SERB-CRG	Mukherjee,M., Dr. (F) Amity University Sector 125, New Okhla Industrial Development Area Noida - 201 303 Uttar Pradesh	44.95	36
1771	New multipolar chromophores and their applications	DST-SERB-CRG	Easwaramoorthi,S., Dr. (M) CSIR-Central Leather Research Institute Sardar Patel Road, Adyar Chennai - 600 020 Tamil Nadu	40.14	36
1772	New strategies for organic synthesis: Design and applications of new reactive intermediates to create complex functional molecules for drug discovery applications	DST-SERB-CRG	Katukojvala,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	46.31	36
1773	Non-directed remote sp ³ C-H functionalizations	DST-SERB-CRG	Patel,B.K., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	54.90	36
1774	Novel electrode materials for reversible alkali-ion Li ⁺ /Na ⁺ capacitors and pseudocapacitors	DST-SERB-CRG	Singh,P., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	36.65	36
1775	Novel heterocyclic scaffolds for Type II Diabetes through targeting Sodium-Glucose co-Transporter 2 (SGLT2) inhibition cascade: Synthesis and evaluation	DST-SERB-CRG	Kantevari,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	34.13	36
1776	One-Pot cascade approaches for the synthesis of carbazoles, including atropselective strategies	DST-SERB-CRG	Ramasastri,S.S.V., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	39.18	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1777	Organic-inorganic hybrids for photochromic, photocatalytic and antioxidant applications	DST-SERB-CRG	Parameswaran,P.C., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	39.45	36
1778	Organocatalytic asymmetric kinetic resolution for the synthesis of aziridines and tetrahydropyrans	DST-SERB-CRG	Pan,S.C., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	43.01	36
1779	Pb-free metal halide perovskite nanocrystals for optoelectronic applications	DST-SERB-CRG	Nag,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	39.46	36
1780	Pd/Chiral Brønsted acid catalyzed enantioselective allylation of nucleophiles with alkynes	DST-SERB-CRG	Gandhi,S., Dr. (F) Indian Institute of Science Education & Research (Berhampur) Engineering School Road, Ganjam Berhampur - 760 010 Odisha	57.49	36
1781	Photophysical studies on polypyridyl complexes: Towards the development of nanoscopic fluorescent targets	DST-SERB-CRG	Mitra,S., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	45.74	36
1782	Photoresponsive nanoconjugates for efficient combination chemotherapy: Sequential and cocktail approaches	DST-SERB-CRG	Singh,P.N., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	46.20	36
1783	Photothermal properties of anisotropic metal nanostructures	DST-SERB-CRG	Ghosh,S.K., Dr. (M) Assam University Silchar - 788 011 Assam	25.63	36
1784	Physicochemical performance evolution by tuning the growth variables of holey graphene nanoribbon carbon soot derived aerogel based asymmetric supercapacitor	DST-SERB-CRG	Sharma,R.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	30.88	36
1785	Polycationic silicon(II) and germanium(II) centered ligands for Lewis acid catalysis	DST-SERB-CRG	Majumdar,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	35.79	36
1786	Predictable switching of site-selectivity in C(sp ²)-H functionalization	DST-SERB-CRG	Kapur,M., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	57.46	36
1787	Probing Sp ³ -Rich spirocyclic scaffolds in drug discovery: Syntheses of cyanogranamide, FR901483 and their diversified analogues towards leads against Mtb and ESKAPE pathogen	DST-SERB-CRG	Srivastava,A.K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	52.38	36
1788	Probing the significance of peptide sequence identity in synthetic flavopeptide conjugates toward catalytic and luminescent behavior	DST-SERB-CRG	Mishra,A.K., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	59.61	36
1789	Rational design and syntheses of non-natural, silicon and boron based antibiotics: Sila- and boro-b-lactams and beyond	DST-SERB-CRG	Kumar,R., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	46.93	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1790	Rational design of amphiphilic self-assembled graft copolymers as drug carriers: Experimental and theoretical approach	DST-SERB-CRG	Pal,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	27.87	36
1791	Role of locally favoured structure in glass forming ability and slow dynamics in binary mixtures	DST-SERB-CRG	Bhattacharya,S.M., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	40.32	36
1792	Screening and identification of natural inhibitors for β -secretase-1 as potential therapeutics against Alzheimer's disease	DST-SERB-CRG	Mani,A., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Teliarganj Allahabad - 211 004 Uttar Pradesh	45.17	36
1793	Silylenes as small molecule activators, synthons for multiply bound silicon compounds and single-site catalyst for metal free transformations	DST-SERB-CRG	Sen,S.S., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	46.67	36
1794	Single molecule spectroscopic investigations of luminescent metal nanoclusters	DST-SERB-CRG	Mukherjee,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	52.14	36
1795	Sol-Gel based thin film depositions of lead free relaxor ferroelectrics, Ba(ZrxTi1-x)O3 [x=0.1 - 0.27] and studies on their electrocaloric effects for solid state refrigeration	DST-SERB-CRG	Parui,J., Dr. (M) Vellore Institute of Technology University Vandalur, Kelambakkam Road Chennai - 600 127 Tamil Nadu	29.84	36
1796	Spectroscopic characterization of curcumin-polymer nano-complexes	DST-SERB-CRG	Mozumdar,S., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	42.20	36
1797	Stabilization of heteropolyacid clusters to design heterogeneous catalysts for selective oxidation of alcohols	DST-SERB-CRG	Rana,R.K., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	52.19	36
1798	Stabilizing sensitive organic reagents and catalysts in solid-state by crystal engineering approach	DST-SERB-CRG	Reddy,C.M., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	42.90	36
1799	Stereoselective desymmetrization of meso-cyclohexadienones for the rapid construction of highly functionalized natural product-like scaffolds	DST-SERB-CRG	Chegondi,R., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	54.98	36
1800	Stereoselective synthesis of nitrogen containing natural products through organocatalysis	DST-SERB-CRG	Ramapanicker,R., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	31.04	36
1801	Stereoselective synthesis of spirocyclic indolines	DST-SERB-CRG	Das,S.K., Dr. (M) Tezpur University P.B. No. 72, District Sonitpur Tezpur - 784 011 Assam	45.91	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1802	Studies on methods to slow down the excited state dynamics of metal nanoclusters to enhance fluorescence quantum yield	DST-SERB-CRG	Purkayastha,P., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Midnapore - 741 246 West Bengal	29.19	36
1803	Studies on the construction of enantiomerically enriched medium-sized ring-based dibenzoazepine, dibenzoazocine and allocolchicine biaryl alkaloid motifs containing amino acid & amino alcohol backbone via C-H functionalization route & their biological	DST-SERB-CRG	Babu,S.A., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	38.70	36
1804	Studies on the organocatalytic enantioselective construction of tetrahydroxanthenones	DST-SERB-CRG	Srinivasan,E., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	43.30	36
1805	Studies on the synthesis of the novel histone deacetylase inhibitors trapoxins A & B, FR-225497 and their analogues	DST-SERB-CRG	Chattopadhyay,S.K., Dr. (M) Kalyani University Block C Kalyani - 741 245 West Bengal	33.06	36
1806	Study of I-III-VI ₂ quantum dots for light harvesting and emission applications	DST-SERB-CRG	Pandey,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	44.88	36
1807	Study of selective C-H activation: Carbon-carbon and carbon-heteroatom bonds formation	DST-SERB-CRG	Punniyamurthy,T., Dr. (M) Indian Institute of Technology (Guwahati) Near Doulobinda Road, Amingaon Guwahati - 781 039 Assam	54.63	36
1808	Substituted π -allyl and allene nucleophiles: Total synthesis driven preparation of highly substituted dihydro- and tetrahydropyran rings	DST-SERB-CRG	Mohapatra,D.K., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	37.37	36
1809	Sustainable synthesis of value-added chemicals utilizing methanol as a C1 building block	DST-SERB-CRG	Kundu,S.K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	44.26	36
1810	Sustainable utilization of abundant natural resources: Synthetic transformations of zerumbone and germacrone towards chemically diverse sesquiterpenoid architectures	DST-SERB-CRG	Radhakrishnan,K.V., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Industrial Estate, Pappanamcode Thiruvananthapuram - 695 019 Kerala	33.33	36
1811	Synergistically coupled catalytic systems for sustainable processes and products	DST-SERB-CRG	Singh,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	36.30	36
1812	Synthesis and anticancer activity of sugar-based natural saffloflavonesides and their heterocyclic analogs	DST-SERB-CRG	Nagarajan,S., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	38.06	36
1813	Synthesis of 2-azido pyridines, triazole substituted pyridines and cyano substituted triazoles via transition metal catalyzed chemoselective [2+2+2] cycloaddition reactions of cyanogen azide with diynes	DST-SERB-CRG	Goswami,A., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	44.99	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1814	Synthesis of large area 2D vertical heterostructures of graphene-metal/metal oxide and study their electrochemical and catalytic properties	DST-SERB-CRG	Saxena,M., Dr. (M) Jain University Center for Nano and Material Science, Jain Global Campus, Kanakapura Ramanagara - 562 112 Karnataka	59.80	36
1815	Synthesis of low molecular weight gelators for the synthesis of metal-organic gels and immobilized complexes and studies of their dye adsorption and catalytic properties	DST-SERB-CRG	Bhattacharjee,M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	30.62	36
1816	Synthesis of novel Indenones, Indanones and evaluation of their anti-cancer activity by inhibition of AlkB family of enzymes	DST-SERB-CRG	Khan,F.A., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	41.80	36
1817	Synthesis of pseudoproteins by topochemical azide-alkyne cycloaddition reactions	DST-SERB-CRG	Sureshan,K.M., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	39.79	36
1818	Synthesis of pyrimidone-based receptors for multipoint recognition of thymidine analogues and monitoring enzyme activities	DST-SERB-CRG	Kaur,N., Dr. (F) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	27.47	36
1819	Synthesis of the complex oligosaccharides related to the O-antigens from E. coli O74, O145 and O156 with the scope for further glyco-conjugates and vaccine designing	DST-SERB-CRG	Mukhopadhyay,B., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 252 West Bengal	37.35	36
1820	Synthesis, characterization and application of NSi(ii)N-based pincer ligands	DST-SERB-CRG	Khan,S., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	36.50	36
1821	Synthesis, characterization and catalytic applications of organic-inorganic hybrid 3d-4f heterometallic polyoxotungstates	DST-SERB-CRG	Hussain,F., Dr. (M) Delhi University Delhi - 110 007 Delhi	35.20	36
1822	Synthesis, experimental and theoretical investigations of carbon coated silicon nanostructures as high energy density anode for li-ion batteries	DST-SERB-CRG	Shelke,M.V., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	38.67	36
1823	Synthetic studies towards γ -alkylidenebutenolide containing natural products through cascade cyclization and adventitious isomerization process	DST-SERB-CRG	Nanda,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	34.10	36
1824	Tailoring the catalytic properties of atom-precise metal nanoclusters	DST-SERB-CRG	Mandal,S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) College of Engineering , Computer Science Building Thiruvananthapuram - 695 016 Kerala	86.90	36
1825	Theoretical investigation on conformationally resolved 3D-structures of large biomolecules by quantum anharmonic vibrational spectroscopy	DST-SERB-CRG	Roy,T.K., Dr. (F) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	55.11	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1826	Theoretical studies of hydrogen bond fluctuations and time dependent infrared and terahertz spectroscopy of aqueous solutions of complex molecular solutes	DST-SERB-CRG	Chandra,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	55.00	36
1827	Therapeutic evaluation of organometallic compounds as potent antibacterial agents	DST-SERB-CRG	Chopra,S., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	32.48	36
1828	Thermally labile metal monoalkylphosphates: Precursors for ceramic materials and energy applications	DST-SERB-CRG	Murugavel,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	57.28	36
1829	Three coordinated Al-N compounds: Bonded, yet frustrated: Their applications in activation of small molecules and polymerization	DST-SERB-CRG	Reddy,N.D., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	25.39	36
1830	To examine the folding and unfolding of riboswitch with the binding of ligands by the aptamer domain for the discovery of antibacterial drug candidates: In silico and experimental studies	DST-SERB-CRG	Ganguly,B., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	31.07	36
1831	Total synthesis of cytotoxic, antiviral sesquiterpenoids	DST-SERB-CRG	Singh,R.B., Dr. (M) Central University of Jharkhand Ratu-lohardaga Road, Brambe Ranchi - 835 205 Jharkhand	26.40	36
1832	Towards novel single molecular toroics based on lanthanide and {3d-4f} assembly	DST-SERB-CRG	Rajaraman,G., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	61.31	36
1833	Towards understanding the synergy in new nanocomposites based on peroxides/ conducting polymers as (photo) catalysts for dye degradation in dark and light	DST-SERB-CRG	Vijayaraghavan,R., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	38.90	36
1834	Transition metal catalyzed atroposelective synthesis of nitrogen containing axially chiral biaryls and its application in stereoselective synthesis	DST-SERB-CRG	Samanta,R., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	50.82	36
1835	Transition metal catalyzed C-C and C-heteroatom bond formation through C(sp ²)-H activation	DST-SERB-CRG	Panda,N., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	27.76	36
1836	Transition metal catalyzed C-H functionalization for anticancer drug candidates	DST-SERB-CRG	Paul,K., Dr. (M) Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	49.56	36
1837	Transition metal catalyzed remote meta-selective C-H functionalizations	DST-SERB-CRG	Satyanarayana,G., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	54.57	36
1838	Trifluorodiazethane as a precursor for the rapid synthesis of trifluoromethylated building blocks	DST-SERB-CRG	Mohanani,K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	36.57	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1839	Ultracold chemistry of molecular ions	DST-SERB-CRG	Ghosal,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	24.01	36
1840	Understanding the effect of macromolecular crowding on the energy landscape of the multidomain protein Adenylate Kinase (AK3L1) from a single molecule perspective: A FCS, FRET and flim based approach	DST-SERB-CRG	Chowdhury,P.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	53.90	36
1841	Understanding the inhibiting actions of different inhibitors on the aggregation of human amylin peptide	DST-SERB-CRG	Paul,S., Dr. (M) Indian Institute of Technology (Guwahati) Near Doul Gobinda Road, Amingaon Guwahati - 781 039 Assam	45.22	36
1842	Unraveling the cellular and molecular roles of CG9650, taxi and beadex genes during development and function of the neurons in Drosophila melanogaster	DST-SERB-CRG	Nongthomba,U., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	30.69	36
1843	Validation of the potential of a novel 2' o methyl PS based RNA antisense mediated exon skipping strategies as therapeutics in duchenne muscular dystrophy	DST-SERB-CRG	Sinha,S., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	82.83	36
1844	Vanadium complexes of higher nuclearity, their characterization, reactivity and catalytic activities	DST-SERB-CRG	Maurya,M.R., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	19.80	36
1845	3d-transition metal complexes of non-heme nitrogen donor Aryl amido functionalized macrocyclic ligands: Synthesis, characterisation and reactivity studies	DST-SERB-ECRA	Samanta,S., Dr. (M) Indian Institute of Technology (Jammu) Nagrota Bypass Road Jammu - 181 221 Jammu & Kashmir	42.41	36
1846	A novel approach for the synthesis of privileged structural motifs of the drug molecules and natural products: The transition metal catalyzed C-H activation strategies and it's applications	DST-SERB-ECRA	Dateer,R.B., Dr. (M) Jain University NH - 209, Post Jakkasandra Bengaluru - 562 112 Karnataka	21.98	36
1847	A rational design of charge-transfer mediated plastic ferroelectric polymers	DST-SERB-ECRA	Roy,R.K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Kowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	33.22	36
1848	Ab initio modeling of defects in nanoscale materials	DST-SERB-ECRA	Manna,A.K., Dr. (M) Indian Institute of Technology (Tirupati) Renigunta Road, Chittoor Tirupati - 517 506 Andhra Pradesh	26.40	36
1849	Activation of small molecules and hydrofunctionalizations by cooperative catalysis with sustainable first row transition metals and non-innocent ligands	DST-SERB-ECRA	Bagh,B., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Khurda Bhubaneswar - 751 005 Odisha	34.98	36
1850	Advancing the highly efficient, exploratory and cost-effective organic bulk heterojunction-perovskite hybrid solar cells	DST-SERB-ECRA	Banavoth,M., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	31.90	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1851	Bio-compatible organic-inorganic lipid-polymer blended nanoscale composites for drug delivery	DST-SERB-ECRA	Pathak,R.K., Dr. (M) Indian Institute of Science Education & Research (Berhampur) Berhampur Engineering School Road, Ganjam Berhampur - 760 010 Odisha	31.02	36
1852	Biomimetic nonheme manganese-dioxygen complexes in oxidation reactions	DST-SERB-ECRA	Karuppasamy,S., Dr. (M) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	26.13	36
1853	Catalytic asymmetric dearomatization of (Het) arenes via decarboxylative cycloaddition: Synthesis of natural product-inspired novel scaffolds for drug discovery	DST-SERB-ECRA	Majumdar,N., Dr. (F) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	41.68	36
1854	C-H activation derived novel π -conjugated organic electronic compounds for sensing and optoelectronic applications	DST-SERB-ECRA	Malakalappalli,R.R., Dr. (M) Indian Institute of Technology (Dhanbad) Belur Industrial Area, P.B. Road Dharwad - 580 011 Karnataka	37.07	36
1855	Chalcogenide catalysis for enantioselective olefin functionalization and synthesis of biologically relevant compounds	DST-SERB-ECRA	Tripathi,C.B., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	27.21	36
1856	Chiral metal-organic frameworks for sustainable asymmetric catalysis	DST-SERB-ECRA	Manna,K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	37.40	36
1857	Computational investigation on the origin of stereoselectivity in asymmetric cooperative reactions	DST-SERB-ECRA	Kisan,H.K., Dr. (M) Utkal University Department of Chemistry, Vani Vihar, Khordha Bhubaneswar - 751 004 Odisha	41.40	36
1858	Continuous flow photochemistry: Visible light induced C-H functionalization and C-C/C-X bond formations to access valuable heterocycles and natural products	DST-SERB-ECRA	Maurya,R.A., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	27.79	36
1859	Controlled molecular transportation through engineered nanopores: Design and application in biomedical sciences	DST-SERB-ECRA	Sinha,S.K., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	27.17	36
1860	Degradation mechanisms in lithium-ion batteries with emphasis on corrosion	DST-SERB-ECRA	Bhaskar,A., Dr. (F) CSIR-Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	38.40	36
1861	Design and syntheses of double frustrated lewis pair systems: A single molecule for double activation	DST-SERB-ECRA	Mukherjee,A., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	49.17	36
1862	Design, preparations and utilizations of 'Sulfonimidoyl Hydrazides' as novel precursors to construct difficult-to-access synthetically and biologically important 'Sulfoximines'	DST-SERB-ECRA	Nandi,G.C., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	36.96	36
1863	Designing heterocyclic N-donor-based extractants for actinide and lanthanide separation in nuclear waste treatment - A computational study	DST-SERB-ECRA	Solomon,V., Dr. (M) Madras Christian College Tambaram Chennai - 600 059 Tamil Nadu	35.04	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1864	Designing of selective, biocompatible hydrate promoters to enhance carbon dioxide - methane exchange in natural gas hydrates	DST-SERB-ECRA	Sharma,M., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	26.07	36
1865	Desorption electrospray ionization mass spectrometric imaging for rapid molecular diagnosis of nephrotic syndrome	DST-SERB-ECRA	Banerjee,S., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	33.00	36
1866	Development of base-metal catalysts employing redox activity of conjugated, non-innocent ligand backbones	DST-SERB-ECRA	Adhikari,D., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	18.70	36
1867	Development of hypervalent Iodine(III) reagents mediated photocatalytic Si-H functionalization and exploration of distal group migration	DST-SERB-ECRA	Sermadurai,S., Dr. (M) Central University of Haryana Jant-Pali Mahendragarh - 123 029 Haryana	42.61	36
1868	Development of liquid-liquid interfaces using silica membrane: Implications in label-free sensing of neurotransmitters	DST-SERB-ECRA	Giribabu,K., Dr. (M) CSIR-Central Electrochemical Research Institute Sivaganga Karaikudi - 630 003 Tamil Nadu	25.56	36
1869	Development of molecular electrocatalysts for water oxidation	DST-SERB-ECRA	Paria,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	37.40	36
1870	Development of novel label-free functional nucleic acid-amplification biosensors for early detection of mosquito-borne diseases	DST-SERB-ECRA	Ghosh,S., Dr. (M) Bennett University Plot No. 8-11, Techzone II Greater Noida - 201 310 Uttar Pradesh	31.03	36
1871	Development of residual chemical shift anisotropy based NMR methods for determination of small molecule constitutions & configurations	DST-SERB-ECRA	Nath,N., Dr. (M) Gauhati University Gopinath Bordoloi Nagar Guwahati - 781 014 Assam	32.12	36
1872	Electrocatalytic remediation for ammonia production at ambient condition: An efficient carbon-free hydrogen carrier for polymer electrolyte fuel cells	DST-SERB-ECRA	Sreekuttan,M.U., Dr. (M) CSIR-Central Electrochemical Research Institute Taramani Chennai - 600 113 Tamil Nadu	30.38	36
1873	Enzyme dynamics in cytosolic milieu: A new perspective on intracellular mechanics & transport	DST-SERB-ECRA	Dey,K.K., Dr. (M) Indian Institute of Technology (Gandhinagar) Palaj Gandhinagar - 382 355 Gujarat	36.30	36
1874	Exploring the mechanism of direct decomposition of NO over metal-loaded zeolites	DST-SERB-ECRA	Sajith,P.K., Dr. (M) Farook College Kozhikode - 673 632 Kerala	34.87	36
1875	Fabricating novel sodium metal-oxide cathode materials for rechargeable batteries: A ternary diagram approach	DST-SERB-ECRA	Chennabasappa,M., Dr. (M) Siddaganga Institute of Technology B.H. Road Tumkur - 572 103 Karnataka	28.88	36
1876	Functionalized microcapsules for cell-based drug screening	DST-SERB-ECRA	Rana,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.69	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1877	Highly conjugated supramolecular organometallic architectures bearing polycarbene ligands: Redox-activity, cooperativity, molecular hosts and selective organic transformations	DST-SERB-ECRA	Maity,R., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	37.22	36
1878	Identification of an optimized foldability criterion for computational protein design against misfolding	DST-SERB-ECRA	Baruah,A., Dr. (M) Dibrugarh University Dibrugarh - 788 004 Assam	27.01	36
1879	Induced co-electrodeposition of refractory (Mo, Re, W) - transition metal (Co, Fe, Ni) alloys from ionic liquids for high performance engineering applications	DST-SERB-ECRA	Jayakumar,M., Dr. (M) CSIR-Central Electrochemical Research Institute College Road, Sivaganga Karaikudi - 630 003 Tamil Nadu	26.64	36
1880	Insights into the interplay of H ₂ S and NO at redox active metal sites	DST-SERB-ECRA	Kundu,S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	37.40	36
1881	Intrinsically Disordered Proteins (IDPs) under macromolecular crowding	DST-SERB-ECRA	Rakshit,S., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	39.98	36
1882	Investigation on stochastic thermodynamics of entropic information: Aiming to beat the Landauer's limit	DST-SERB-ECRA	Mondal,D., Dr. (M) Indian Institute of Technology (Tirupati) Renigunta Road, Chittoor Tirupati - 517 506 Andhra Pradesh	31.02	36
1883	Leveraging aldehyde-derivatized proteins for developing new bioconjugation methods	DST-SERB-ECRA	Kalia,D., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	24.00	36
1884	Mechanism of hydroxide ion transfer through anion exchange membrane in anion exchange membrane fuel cell: Investigation using molecular dynamics simulation	DST-SERB-ECRA	Daschakraborty,S., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	23.65	36
1885	Metal flatlands (Atomically thin two-dimensional metals): Designing, properties and applications	DST-SERB-ECRA	Pawar,R., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	41.17	36
1886	Metal-catalyzed enantioselective difunctionalization of fleeting arynes & cyclic alkynes intermediates	DST-SERB-ECRA	Venkataraman,G., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	38.72	36
1887	Metallaphotoredox catalyzed remote (β & γ) C(sp ³)-H trifluoromethylation & acylation of carboxamides	DST-SERB-ECRA	Purushothaman,G., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road Tirupati - 517 507 Andhra Pradesh	30.43	36
1888	Metal-oxide super-fullerene delivers a versatile platform for catalytic water splitting under confinement: Investigating the beauty of encapsulation chemistry inside the nano-cavity	DST-SERB-ECRA	Garai,S., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	38.06	36
1889	Mimicking natural light harvesting via FRET in single chain nanoparticles: Controlling intramolecular folding and photochemistry through donor-acceptor scaffold	DST-SERB-ECRA	Singh,R.S., Dr. (F) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	27.61	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1890	Molecular mechanism of regulation of Rho GTPases through phosphorylation of RhoGDI: Towards unraveling the "phosphorylation code" using computational methods	DST-SERB-ECRA	Chakrabarty,S., Dr. (M) S.N. Bose National Centre for Basic Sciences Sector-III, Block-JD, Salt lake Kolkata - 700 098 West Bengal	31.97	36
1891	Molecular recognition and sensing at the lipid bilayer-water interface and inside the lipid membrane	DST-SERB-ECRA	Guha,S., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	46.04	36
1892	MoS ₂ /S ₄ integrated porous surfaces for catalytic hydrogen generation via water splitting	DST-SERB-ECRA	Kanoo,P., Dr. (M) Central University of Haryana Jant-Pali Mahendragarh - 123 029 Haryana	39.99	36
1893	Multidomain protein dynamics and their functional implications: A single molecule force spectroscopic study	DST-SERB-ECRA	Mandal,S.S., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Sree Rama Engineering College, Karakambadi Road, Rami Reddy Nagar, Chittoor Tirupati - 517 507 Andhra Pradesh	40.92	36
1894	Multi-stimuli responsive functional molecular materials: Design, synthesis and applications	DST-SERB-ECRA	Banerjee,S., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	46.78	36
1895	Non-adiabatic and quantum nuclear effects near metal surfaces	DST-SERB-ECRA	Jain,A., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	41.39	36
1896	Photo-organocatalytic C-F bond activation: Asymmetric synthesis of difluorobenzylated compounds	DST-SERB-ECRA	Chatterjee,I., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	25.41	36
1897	Photosalinnet (PS) & Piezoelectric (PE) synergic coupling-development and optimization of smart hybrid composites for small scale energy harvesting	DST-SERB-ECRA	Sahoo,S.C., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	27.50	36
1898	Polymer based cross-linked nanoassemblies as a smart nanocarrier and its triggered supramolecular disassembly for targeted drug delivery: Concept, production and biological assessment	DST-SERB-ECRA	Molla,M.R., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	44.80	36
1899	Porous fluorinated graphene composites with superhydrophobic-superoleophilic properties towards oil recovery prototypes and oil spill clean-up	DST-SERB-ECRA	Datta,K.K.R., Dr. (M) S.R.M. University Hospital Road, Potheri, Kattankulathur Kanchipuram - 603 203 Tamil Nadu	32.29	36
1900	QM + MM Chemical dynamics on chemical reactions & non-adiabatic processes in condensed phase molecular systems	DST-SERB-ECRA	Paul,A.K., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhras Shillong - 793 003 Meghalaya	36.58	36
1901	Quantum chemical investigations on microhydration of carbohydrates: Xylopyranose, xylofuranose and phenylxylosides	DST-SERB-ECRA	Yeole,S.D., Dr. (M) Bhusawal Arts Science & P.O. Nahata Commerce College Gayatri Nagar, Bhusawal Jalgaon - 425 201 Maharashtra	32.10	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1902	Rational design & fabrication of metal nanoparticles decorated titania nanotubes array for photoelectrocatalytic conversion of carbon dioxide into solar fuels	DST-SERB-ECRA	Alagarsamy,P., Dr. (M) CSIR-Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	35.95	36
1903	Rational design and synthesis of functionalized metal-organic frameworks/gels for biomimetic heterogeneous catalysis	DST-SERB-ECRA	Sarma,D., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	24.31	36
1904	Rational development of surface engineered perovskite nanocrystals and understanding their photophysical prope	DST-SERB-ECRA	Layek,A., Dr. (M) Adamas University Barasat, Barrackpore Road, 24 Parganas North, Jagannathpur Kolkata - 700 126 West Bengal	31.24	36
1905	Self-organization of linearly fused polycyclic heteroaromatic compounds into ordered functional materials via 'hydrophobic amphiphilic' approach: Rational design, synthesis and utilization for optoelectronics, energy storage and conversion	DST-SERB-ECRA	Kotagiri,V.R., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	35.31	36
1906	Singlet Fission via Extended Aromaticity of Azaacenes (SFEAA): Novel material for potential solar cell applications	DST-SERB-ECRA	More,S.P., Dr. (M) Institute of Chemical Technology Nathalal Parekh Marg, Matunga East Mumbai - 400 019 Maharashtra	24.75	36
1907	Studies & application of unprecedented sulfonium iodate(I) reagent in selective functionalization of C-C multiple bond	DST-SERB-ECRA	Kashyap,S., Dr. (M) Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malaviya Nagar Jaipur - 302 017 Rajasthan	39.99	36
1908	Supramolecular engineering in biodegradable polymers by directional halogen-bonding interactions: A strategy towards new class of biodegradable polymeric materials	DST-SERB-ECRA	Das,A., Dr. (F) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	18.92	36
1909	Synthesis of biologically relevant privileged heterocycles by metal-catalyzed C-H bond functionalization with Diazo compounds	DST-SERB-ECRA	Kuram,M.R., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	33.15	36
1910	Synthesis, design and stimuli-responsive functionalities in switchable inorganic materials: From bulk to single-molecule	DST-SERB-ECRA	Chakraborty,P.K., Dr. (M) Indian Institute of Technology (Kharagpur) Midnapore Kharagpur - 721 302 West Bengal	28.16	36
1911	Synthetic oligomers as inhibitors of protein-DNA interactions: Towards novel cancer therapeutics	DST-SERB-ECRA	Prabhakaran,P., Dr. (F) Central University of Gujarat Sector-29 Gandhinagar - 382 030 Gujarat	43.35	36
1912	Tandem annulations involving metallocarbenes: Towards diverse molecular architectures	DST-SERB-ECRA	Murarka,S., Dr. (M) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	33.00	36
1913	Thienylpyrrole based organic sensitizers (D- π -A) with donor units of Dithiafulvenyl for the solar cell applications	DST-SERB-ECRA	Ravada,K., Dr. (M) GITAM University Gandhi Nagar, Beach Road, Rushikonda Visakhapatnam - 530 045 Andhra Pradesh	28.42	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
1914	Towards developing flexible miniaturized lithium-sulfur batteries	DST-SERB-ECRA	Ghosh,D., Dr. (M) Jain University 45 km, NH-209, Post Jakkasandra, District Ramanagara Bengaluru - 562 112 Karnataka	34.35	36
1915	Towards practical alkali metal-oxygen batteries: Electrolyte and air-electrode optimization for enhanced discharge capacity, rechargeability and long cycle life	DST-SERB-ECRA	Aetukuri,N.B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	23.32	36
1916	Understanding elementary processes in surface chemistry using quantum state resolved molecular beam - surface scattering experiments	DST-SERB-ECRA	Shirhatti,P.R., Dr. (M) Tata Institute of Fundamental Research 36/P, Gopanpally Village, District Ranga Reddy Hyderabad - 500 107 Telangana	28.82	36
1917	Understanding the correlation between ligand binding affinities & atomic scale dynamics in modulating intra protein allosteric communication in proteins not associated with conformational changes?	DST-SERB-ECRA	Agarwal,V., Dr. (M) Tata Institute of Fundamental Research Centre for Interdisciplinary Sciences, Brundavan Colony, Narsingi, 21, Osman Sagar Road Hyderabad - 500 075 Telangana	24.82	36
1918	Utilisation and transformation of CO ₂ : A DFT study on Pd- and Ni- catalysed carboxylation of organic halides with CO ₂	DST-SERB-ECRA	Vadivelu,P., Dr. (F) Central University of Tamil Nadu Tiruvavur - 610 001 Tamil Nadu	28.54	36
1919	Bile acid based smart mucoadhesive thiomers-nanohybrids as drug delivery carriers for Breast cancer therapy	DST-SERB-EMEQ	Nagappan,R., Dr. (M) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	42.15	36
1920	Carbohydrates derived organocatalysts & their application in organic synthesis	DST-SERB-EMEQ	Vanlalindipua,K., Dr. (M) Pachhunga University College College Veng Aizawal - 796 001 Mizoram	49.86	36
1921	C-H functionalization of aromatic amines for azidation: Amine directed & catalysed by Cu(II) with betti base as the ligands & supported by DFT calculations	DST-SERB-EMEQ	Toka,S., Dr. (M) Pondicherry University K. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	26.32	36
1922	Computational analysis of mutational effects on HIV-1 anti-retroviral therapy & target oriented synthesis of potential lead molecules	DST-SERB-EMEQ	Manga,V., Dr. (F) Osmania University Hyderabad - 500 007 Telangana	41.24	36
1923	Design & development of borographenoids: Fundamentals & applications	DST-SERB-EMEQ	Thilagar,P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	37.23	36
1924	Design & fabrication of organometal-halide perovskite solar cells & photo-rechargeable batteries towards sustainable energy	DST-SERB-EMEQ	Selvan,N., Dr. (M) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	48.22	36
1925	Design & stereoselective synthesis of Aminocyclitols, Pactamycin & Zwittermicin A via cabohydrate derived nitrones	DST-SERB-EMEQ	Mane,R.S., Dr. (M) Dr. S.D.D. Arts, Commerce & Science College Department of Chemistry, Tal-Wada, District Palghar Thane - 421 303 Maharashtra	36.66	36
1926	Design & synthesis of 3-fluoro oxindole derivatives & evaluation of their anti-cancer activity	DST-SERB-EMEQ	Akkirala,V.N., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tamaka Hyderabad - 500 007 Telangana	39.78	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1927	Design, synthesis & biological evaluation of polyfunctionalized isoxazole substituted spirooxindole natural product analogs	DST-SERB-EMEQ	Raju,D.N., Dr. (M) Telangana University Nadepalle Nizamabad - 503 002 Telangana	28.55	36
1928	Development & synthesis of binary metal chalcogenide & alloy nanoparticles as promising heterogeneous catalysts for industrially important organic reactions	DST-SERB-EMEQ	Deori,K., Dr. (M) Dibrugarh University Dibrugarh - 788 004 Assam	24.56	36
1929	Development of new synthetic methods using C-H activation strategy	DST-SERB-EMEQ	Bakthadoss,M., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	50.30	36
1930	Development of sensitive enzymeless biosensors for cholesterol & creatinine using novel noble metal decorated conducting polymers	DST-SERB-EMEQ	Sasikumar,R., Dr. (M) Madras University Guindy Campus Chennai - 600 025 Tamil Nadu	35.11	36
1931	Development of visible-light initiated copper(I) catalysed novel organic transformations	DST-SERB-EMEQ	Ramasamy,A., Dr. (M) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	47.84	36
1932	Direct conversion of bio-lignocellulose into ethylene glycol over supported metal catalysts for the production of Polyethylene Terephthalate (PET) in polymer industry	DST-SERB-EMEQ	Marimuthu,B., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	21.86	36
1933	Diversity oriented C-H functionalization of Arene/Heteroarene	DST-SERB-EMEQ	Verma,A.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	38.19	36
1934	Investigation of ionic liquids & their mixtures as alternate solvents for biomolecular structure & dynamics using advanced methods of computer simulations	DST-SERB-EMEQ	Mallik,B.S., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	28.06	36
1935	Investigation of visible-light photocatalysis in the functionalization of heterocycles	DST-SERB-EMEQ	Bagdi,A.K., Dr. (M) Kalyani University Block C Kalyani - 741 245 West Bengal	40.44	36
1936	Isothermal titration calorimetry as a probe for the interaction between proteins & polymer/peptide nanoparticles	DST-SERB-EMEQ	Kumar,A.C., Dr. (F) Acharya Nagarjuna University Nagarjuna Nagar Guntur - 522 510 Andhra Pradesh	41.39	36
1937	Metal-drug complexes: Synthesis, characterization & application, an integral approach	DST-SERB-EMEQ	Singh,B., Dr. (F) Visva Bharati University Santiniketan, Bolpur Birbhum - 731 235 West Bengal	28.41	36
1938	Modeling the reaction energetics & kinetics of chemical reactions involving species having high multireference character	DST-SERB-EMEQ	Kumar,P., Dr. (M) Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	33.85	36
1939	Morphology controlled copper sulphide decorated with graphene sheets as an electrode material for Na-ion capacitor in aqueous & non-aqueous electrolytes	DST-SERB-EMEQ	Kumar,S., Dr. (M) CSIR-Advanced Materials & Processes Research Institute Hoshangabad Road, Near Habibganj Naka Bhopal - 462 026 Madhya Pradesh	39.95	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1940	Nanohybrid materials as high performance anode for direct methanol fuel cells	DST-SERB-EMEQ	Dhanusuraman,R., Dr. (M) National Institute of Technology (Puducherry) Karaikal Puducherry - 609 605 Puducherry	26.99	36
1941	Nitric oxide - Cannabidiol conjugates: A dural action hybrids for pain management in sickle cell Anaemia	DST-SERB-EMEQ	Sawant,S.D., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	37.36	36
1942	Poly-glutamine peptides aggregation of neurodegenerative spinocerebellar ataxias: Mechanistic investigation towards developing inhibitors	DST-SERB-EMEQ	Karuppiah,M.P.R., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	54.39	36
1943	Preparation & characterization of electrically conducting organic polymer photoactive film for organic photovoltaic cells: By electrochemical doping & electrospinning approaches	DST-SERB-EMEQ	Thambusamy,S., Dr. (M) Alagappa University District Sivaganga Karaikudi - 630 003 Tamil Nadu	32.83	36
1944	Probing the charge transfer mechanism in Exciplex system using lifetime measurement	DST-SERB-EMEQ	Roy,P., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	19.08	36
1945	Pyridine-Pyrazole based multifunctional metal-organic hybrid materials & their applications	DST-SERB-EMEQ	Mondal,R., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	21.91	36
1946	Reversible diradical mediated self-assembly formation of discrete organic cages for the construction of stimuli-responsive supramolecular functional materials	DST-SERB-EMEQ	Sankarasekaran,S., Dr. (M) Indian Institute of Technology (Palakkad) Ahalia Integrated Campus. Kozhippara Palakkad - 678 557 Kerala	37.63	36
1947	Rongalite/ molecular oxygen: A mild, low cost & green reagent for oxidation of organic substrates under sunlight	DST-SERB-EMEQ	Kokatla,H.P., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	41.02	36
1948	Self-limiting growth based electrodeposition of magnetic nanostructures & their applications	DST-SERB-EMEQ	Jeyabharathi,C., Dr. (M) CSIR-Central Electrochemical Research Institute Karaikudi - 630 003 Tamil Nadu	31.92	36
1949	Study the effect of quantum dots on the protein folding - unfolding pathways using single molecule spectroscopy	DST-SERB-EMEQ	Mandal,U., Dr. (M) Burdwan University DDE Complex, Post Golapbag, Rajbati Burdwan - 713 104 West Bengal	21.82	36
1950	Synthesis & application of air-stable Lewis acid catalysts of main group elements	DST-SERB-EMEQ	Nayek,H.P., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	19.62	36
1951	Synthesis of new palladium & platinum complexes with AZO/Imine functional ligands: Exploration of potential catalytic & biological activity	DST-SERB-EMEQ	Mondal,T.K., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	17.99	36
1952	Synthesis of small hybrid molecules from Lawsone for anti-cancer evaluation	DST-SERB-EMEQ	Gavaji,B., Dr. (F) Kakatiya University Kumarpally, Hanamkonda Warangal - 508 009 Telangana	30.07	36

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1953	Synthesis of various biologically important chiral phosphonates & sulfones via carbene insertion into the N-H, O-H & C-H bonds	DST-SERB-EMEQ	Chinnappan,S., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	32.39	36
1954	Total synthesis of Tetrahydroisoquinoline derived bioactive natural products Jasisoquinolne-A & Schulzeine-A & their analogues	DST-SERB-EMEQ	Begari,E., Dr. (M) Central University of Gujarat Sector 29 Gandhinagar - 382 030 Gujarat	45.46	36
1955	Transition metal Oxo & hydroxo cages containing novel N,N,O pincer type schiff base ligands: Structure, small molecule activation, kinetics, electrochemical & biological applications	DST-SERB-EMEQ	Loganathan,N., Dr. (M) Bharathidasan University Mathur, Mandaiyur Tiruchirappalli - 620 024 Tamil Nadu	42.73	36
1956	Translational studies on novel solid forms of APIs with improved physicochemical & biopharmaceutical performance	DST-SERB-EMEQ	Gonnade,R.G., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	32.39	36
1957	An accurate, environment friendly & fully automatic PPB level arsenic analyzer	DST-SYST	Ghosh,A.K., Dr. (M) Dharmsinh Desai University Nadiad - 387 001 Gujarat	21.95	36
1958	Potable water intervention for the tribal communities in north east	DST-SYST	Joy,R., Dr. (F) Ardent Foundation Ngaephung, Phungreitang, West Unkhru Imphal - 795 142 Manipur	34.09	36
1959	Reclamation of tomato plant waste into eco-friendly & commercially viable paper products	DST-SYST	Seeni,M.K., Dr. (F) Madanapalle Institute of Technology & Science Kadiri Road, Angallu, District Chittoor Madanapalle - 517 325 Andhra Pradesh	28.82	36
1960	Providing potable water using functionalized cellulose as catalyst from locally available biomass	DST-TIASN	Sharma,A., Prof. (F) Panjab University Dr. S.S.B. University Institute of Chemical Engineering & Technology, Sector 14 Chandigarh - 160 014 Chandigarh	47.03	36
1961	AIE studies of newly designed anthracene-based coordination compounds & their applications	DST-WOS-A	Mukherjee,A., Dr. (F) Birla Institute of Technology & Science (Pilani) Hyderabad Campus Hyderabad - 500 078 Telangana	31.61	36
1962	An ordered M-Crystallin & on intrinsically disordered Hahellin of beta-crystallin family provide mechanistic insights into the conformational transition linked to cataract & polypeptide cleavage	DST-WOS-A	Patel,S., Dr. (F) Mumbai University Mumbai - 400 098 Maharashtra	21.41	36
1963	Assessment of sulfur centered halogen bonding (C-X...S, X = Cl, Br, I) interaction using matrix isolation infrared spectroscopy	DST-WOS-A	Chyakraorty,A., Dr. (F) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	13.62	36
1964	Building coarse-grained models to understand the conformational dynamics of membrane proteins	DST-WOS-A	Jayanthi,L.P., Dr. (F) Tata Institute of Fundamental Research National Centre for Biological Sciences, GKVK Campus Bengaluru - 560 065 Karnataka	32.01	36
1965	Capturing volatile organic compounds by room temperature ionic liquids: A molecular perspective	DST-WOS-A	Indra,S., Dr. (F) Indian Institute of Technology (Patna) Patna - 801 106 Bihar	24.40	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
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1966	Deciphering the physico-chemical determinants of formation of stable liposomes of mycobacterial free lipids & their interactions with host membrane lipids for biotechnological applications	DST-WOS-A	Dadhich,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	21.40	36
1967	Design & fabrication of dye sensitized solar cells with exceeding 15% efficiency: Experimental & theoretical approach	DST-WOS-A	Selvakumar,V., Dr. (F) Anna University Chennai - 600 025 Tamil Nadu	16.44	36
1968	Design & synthesis of self-assembled small nanomaterials for targeted delivery of biomolecules	DST-WOS-A	Deka,S.R., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Delhi - 110 007 Delhi	32.70	36
1969	Design, synthesis & applications of coumarin containing helical molecules	DST-WOS-A	Soni,R., Dr. (F) M.S. University of Baroda Vadodara - 390 002 Gujarat	21.39	36
1970	Design, synthesis & SAR studies of heterocyclic analogue of Gliflozine's as potent SGLT2 inhibitors	DST-WOS-A	Ganwir,P., Ms. (F) Institute of Chemical Technology Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	32.15	36
1971	Development of bench scale recyclability strategy or value-added utilization of spent sulphate solution: Industrial benefit	DST-WOS-A	Moharna,M., Ms. (F) CSIR-Institute of Minerals & Materials Technology Bhubaneswar - 751 013 Odisha	31.71	36
1972	Development of composite films for applications in PEC H2O splitting & removal of dyes from water	DST-WOS-A	Ghosh,S., Ms. (F) Indian Institute of Engineering Science & Technology Howrah - 711 103 West Bengal	18.21	36
1973	Development of new strategies to access the 3,4-fused indoles: Application to the synthesis of 3, 4-fused indole alkaloids & their derivatives	DST-WOS-A	Prapurna,L.Y., Dr. (F) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	31.06	36
1974	Development of novel glitazones for PGC-1 alpha activation via PPAR - gamma: A new strategy for neuroprotection in Parkinson's disease	DST-WOS-A	Prabitha,P., Ms. (F) J.S.S. College of Pharmacy S.S. Nagar, Bannimantap Mysore - 570 015 Karnataka	31.43	36
1975	Development of organic-inorganic hybrid nano composites mediated by plant resources as anti-Diabetic agent	DST-WOS-A	Saikia,I., Dr. (F) Gauhati University Guwahati - 781 014 Assam	29.95	36
1976	Exploring & engineering the frontier energy levels of electron delocalized systems	DST-WOS-A	Pancharatna,P.D., Dr. (F) Pondicherry University Puducherry - 605 014 Puducherry	24.20	36
1977	Fourier transform infrared spectroscopy as non-destructive & rapid method for residual emerging contaminants in treated water	DST-WOS-A	Gupta,M., Dr. (F) St. Aloysius College Jabalpur - 482 001 Madhya Pradesh	20.40	36
1978	Grafting halogen bonding in peptidic foldamers for structural & functional applications	DST-WOS-A	Manasa,P., Ms. (F) Bangalore University Bengaluru - 560 056 Karnataka	25.61	36
1979	Graphene oxide nanostructured for inhibition of peptide aggregation associated with Type II Diabetes	DST-WOS-A	Joshi,P., Dr. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	23.59	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
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1980	Identification & evaluation of anti-quorum sensing agents from medicinal plants against pseudomonas aeruginosa	DST-WOS-A	Jeevitha,M., Ms. (F) Avinashilingam Institute for Home Science & Higher Education for Women Coimbatore - 641 043 Tamil Nadu	32.15	36
1981	Indol-2,3-dione-coumarin bifunctional hybrids as novel anti-microbial agents: Design, synthesis, biological evaluation & computational studies	DST-WOS-A	Bhagat,K., Ms. (F) Guru Nanak Dev University Amritsar - 143 001 Punjab	21.94	36
1982	Investigation of nanostructured SERS substrate for POPs detection in E-waste recycling site	DST-WOS-A	Rajput,P., Ms. (F) CSIR-Central Scientific Instruments Organization Chandigarh - 160 030 Chandigarh	31.99	36
1983	Label-free tracking of antibiotics across dual-membrane envelope of live gram-negative bacteria using second-harmonic light scattering technique	DST-WOS-A	Gayen,A., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	17.50	36
1984	Lead compounds identification & characterization based on the natural plant aboutilon indicum towards anticancer activities - A practical & computational approach	DST-WOS-A	Maheswari,P.U., Dr. (F) National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	28.36	36
1985	Luminescent molecular organic liquids for large area lighting applications	DST-WOS-A	Nayak,R.A., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road Pune - 411 008 Maharashtra	32.16	36
1986	Macrocyclic furans - a route to diverse cyclic oligophenylenes	DST-WOS-A	Gadakh,S.K., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	30.95	36
1987	Metal free ionic liquid mediated one pot synthesis of 3-hydroxy-3H-Spiro[Benzo[B]thiophene-2, 1'-cyclopentan]-2'-one/medicinally important benzo[b]thiophene moiety using inexpensive starting materials	DST-WOS-A	Elamvazhuthi,P., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	28.10	36
1988	Modified graphene oxide for water splitting	DST-WOS-A	Gurbani,N., Ms. (F) Kota University Kota - 324 005 Rajasthan	18.20	36
1989	Morphological variation in heteroatoms doped graphene oxide/TiO2 with mixed metal oxide catalysts for the production of hydrogen from photocatalytic water splitting	DST-WOS-A	Thangavel,N., Ms. (F) S.R.M. Institute of Sciences & Technology S.R.M. Nagar, Kattankulathur Chennai - 603 203 Tamil Nadu	19.08	36
1990	Nanostructured Sn & layered MoS2 based nanocomposites for high-capacity sodium-ion batteries	DST-WOS-A	Chothe,U.P., Ms. (F) Centre for Materials for Electronics Technology (C-MET) Panchwati, Dr. Homi Bhabha Road Pune - 411 008 Maharashtra	30.86	36
1991	Near-infrared induced photodynamic therapy & bioimaging by white light emitting upconversion nanomaterials	DST-WOS-A	Verma,P., Ms. (F) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	27.20	36
1992	New electrode materials for potassium ion based energy storage technologies	DST-WOS-A	Chandresekaran,N., Dr. (F) National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	27.75	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
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1993	Nickel-catalyzed carboxylation of ortho-functionalized alkynylarenes with carbon dioxide	DST-WOS-A	Selvi,T., Dr. (F) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	32.71	36
1994	Oxo-metallic complexes anchored mesoporous silica: Potential UV-Visible light harvesting materials for photocatalytic reactions as well as for bio-inspired catalytic hydrogenation	DST-WOS-A	Sowmianarayanan,P., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	16.44	36
1995	Peptide conjugated lipid nanoparticles: Synthesis, radiolabeling & biological evaluation as receptor mediated Prostate tumor imaging theranostic radiopharmaceuticals	DST-WOS-A	De,K., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. MULLICK Road, Jadavpur Kolkata - 700 032 West Bengal	14.46	36
1996	Performance enhancing strategies for micro-particle based silk fibroin 3D scaffolds for bone tissue engineering	DST-WOS-A	Parekh,N.A., Ms. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road Pune - 411 008 Maharashtra	15.70	36
1997	Role of donor & acceptors in molecular switches & random access memory: Combined ab initio & many-body study	DST-WOS-A	Pati,A.Y., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	17.10	36
1998	Seeing Diabetes by an unaided eye based on enzyme mimetic activity of 2D materials	DST-WOS-A	Srivastava,M., Dr. (F) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	31.11	36
1999	Solid phase synthesis of oligo arabinofuranosides	DST-WOS-A	Vangala,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	18.95	36
2000	Synthesis & characterization of nanomaterials for thermoelectric applications	DST-WOS-A	Singh,V.V., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	19.80	36
2001	Synthesis & evaluation of novel diary/hetero aryl pyrrole Mannich bases as potent anti-depressant agents	DST-WOS-A	Wunnava,A.U., Ms. (F) Andhra University Visakhapatnam - 530 003 Andhra Pradesh	32.15	36
2002	Synthesis & self-assembly of novel nicotinic acid gemini amphiphiles: A potential candidate for drug delivery	DST-WOS-A	Roy,A., Dr. (F) Vidyasagar University Midnapore - 721 102 West Bengal	31.05	36
2003	Synthesis of double perovskite materials for solar cell application	DST-WOS-A	Subbiah,V., Ms. (F) National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	28.64	36
2004	Synthesis of herocyclic molecules using vinyl azides as handy synthons	DST-WOS-A	Fatima,L., Dr. (F) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	21.39	36
2005	Synthesis of mixed-ligand peroxo complexes of vanadium & tantalum & exploration of their biochemical properties	DST-WOS-A	Saikia,G., Ms. (F) Tezpur University Napaam Tezpur - 784 028 Assam	29.95	36
2006	Synthesis of novel molecules for specific cancer targeting	DST-WOS-A	Kausar,A., Dr. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	21.50	36

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2007	Synthesis of podophyllotoxin & related analogues as potential anticancer agents through microtubule and/or DNA topoisomerase inhibition	DST-WOS-A	Srivastava,A., Ms. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	26.33	36
2008	Synthesis, characterization & anticancer evaluation of coumarin based acrylic linked hydroxamic acid/amide derivatives	DST-WOS-A	Tasneem,S., Ms. (F) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	24.46	36
2009	Synthesis, characterization & photocatalytic studies of alkali/alkaline metal phosphates	DST-WOS-A	Baig,U., Ms. (F) Osmania University Hyderabad - 500 007 Telangana	32.70	36
2010	Theoretical investigation of prebiotically relevant molecules: Structural properties & formation mechanisms	DST-WOS-A	Kaur,S., Ms. (F) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	30.23	36
2011	Total synthesis of (S)-esmolol, (S) - mephalan, (R,R)-(+)- retalin & its derivatives	DST-WOS-A	Pawar,P.D., Ms. (F) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	32.60	36
2012	Valorisation of bioactive phytochemicals from underutilized tea plant parts & sustainable development of nutraceuticals/formulations	DST-WOS-A	Sharma,R., Ms. (F) CSIR-Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	32.15	36
2013	Visible-light mediated synthetically important radical reactions of vinyl epoxides	DST-WOS-A	Chawla,R., Dr. (F) Motilal Nehru National Institute of Technology (Allahabad) Allahabad - 211 004 Uttar Pradesh	31.83	36
2014	ZIF based membranes for olefin/paraffin separation	DST-WOS-A	Thote,J.A., Dr. (F) CSIR-National Chemical Laboratory Pune - 411 008 Maharashtra	18.69	36
Total Cost of 476 Projects Under: Chemical Sciences				19,227.52	

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2015	Assessing ecological impacts of industrialization and agriculture: Spatio-temporal levels of mercury accumulation in the long-lived sarus crane	CSIR-GS	Qureshi,A., Dr. (M) Indian Institute of Technology (Hyderabad) Hyderabad - 502 205 Telangana	28.46	36
2016	Assessment of the potential Glacier Lake Outburst Flood (GLOF) risk in upper teesta river basin using Remote Sensing techniques	CSIR-GS	Goyal,M.K., Dr. (M) Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	27.76	36
2017	Biodiversity and palaeobiogeography of the microbiota from the deccan infra and intertrappean beds of the Malwa plateau, central India	CSIR-GS	Parmar,V., Dr. (M) Jammu University Post Graduate Department of Geology Jammu - 180 006 Jammu & Kashmir	19.96	36
2018	Efficient use of ferrate(VI) in the treatment of wastewaters contaminated with micro-pollutants: Physico-chemical studies	CSIR-GS	Tiwari,D., Prof. (M) Mizoram University Department of Chemistry Aizawal - 796 004 Mizoram	27.46	36
2019	Estimation of Aerosol Optical Depth (AOD) from satellite Remote Sensing data over coal mining Region in India and development of statistical model for prediction of particulate matter concentration	CSIR-GS	Gorai,A.K., Dr. (M) National Institute of Technology (Rourkela) Department of Mining Engineering Rourkela - 769 008 Odisha	24.96	36
2020	Geochemical and isotopic study of siliciclastic and carbonate sediments from the purana basins of India: Implications for crustal reconstruction and proterozoic paleoclimate	CSIR-GS	Chakrabarti,R., Dr. (M) Indian Institute of Science Centre for Earth Science Bengaluru - 560 012 Karnataka	16.00	36
2021	Sustainable metal-catalyzed oxidative tandem reactions: Exploring novel approaches for synthesis of biologically relevant nitrogen-containing heterocycles	CSIR-GS	Gopalaiah,K., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	13.04	36
2022	Coastal communities adaptive & resilient at the edge	DST-IMRC	Deshkar,S.M., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Ambazari Nagar Nagpur - 440 010 Maharashtra	28.63	36
2023	Collaboration on glaciers & snow/firm characteristics variability studies in polar & subpolar regions	DST-IMRC	Singh,G., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	38.14	36
2024	Integrated water management model for BIS countries under climate change scenarios	DST-IMRC	Reddy,K.V., Mr. (M) National Institute of Technology (Warangal) Hanamkonda Warangal - 506 004 Telangana	39.34	36
2025	Investigating the links between different environmental conditions & severe thunderstorms characteristics & structure for different earth region	DST-IMRC	Pawar,S.D., Mr. (M) Indian Institute of Tropical Meteorology Pashan Pune - 411 008 Maharashtra	37.15	36
2026	Radical decrease in risk of natural catastrophic disasters	DST-IMRC	Samui,P., Mr. (M) National Institute of Technology (Patna) Patna - 800 005 Bihar	39.89	36
2027	A framework for modeling interdependent healthcare critical infrastructure during extreme events	DST-NRDMS	Durbha,S., Prof. (M) Indian Institute of Technology (Bombay) Centre for Studies in Resources Engineering, Powai Mumbai - 400 076 Maharashtra	20.01	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2028	Application of Geospatialgraph data base technologies to power distribution	DST-NRDMS	Padmavati,D., Dr. (F) HOD & Professor Sridevi Women's Engineering College Department of Electrical & Electronics Engineering, Vattinagulapally, Gandipet Hyderabad - 500 075 Telangana	8.80	24
2029	Assessment of portable ground water quality of India Mark II hand pump viz-a-viz delineation of ground water pollution zones in districts of Mainpuri, Kanpur, Dehat, Gorakhpur, Uttar Pradesh, India using GPS & GIS technology	DST-NRDMS	Mathur,A., Dr. (M) Scientist SE in-charge Remote Sensing Application Centre Division of Soil Resource, Water Laboratory, Sector G, Jankipuram, Kursi Road Lucknow - 226 021 Uttar Pradesh	17.68	24
2030	Auto BIM automatic discovery & construction of building information modes	DST-NRDMS	Mishra,S., Dr. (M) National Institute of Science Education & Research School of Computer Sciences, Khurda, Jatni Bhubaneswar - 752 050 Odisha	18.84	36
2031	Development of high resolution Coastal Relief Model (CRM) of north Maharashtra	DST-NRDMS	Ramakrishnan,B., Dr. (M) Professor Indian Institute of Technology (Madras) Depaartment of Civil Engineering Chennai - 600 036 Tamil Nadu	34.76	36
2032	Development of State Data Infrastructure (SSDI) in Madhya Pradesh	DST-NRDMS	Goyal,S., Dr. (M) Madhya Pradesh State Spatial Data Infrastructure Department of Science & Technology, Survey Colony, Vijay Nagar Jabalpur - 482 002 Madhya Pradesh	295.00	36
2033	Geoscientific studies-Geodetic, geological, geomorphological & geotechnical of active landslide	DST-NRDMS	Okendro,M., Mr. (M) Assistant Professor Imphal College Department of Geology, Kwakeithel Imphal - 795 001 Manipur	17.57	24
2034	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Jasrotia,A.S., Prof. (M) Jammu University Department of Remote Sensing & GIS Jammu - 180 016 Jammu & Kashmir	10.00	0.7
2035	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Wani,M.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus Srinagar - 190 025 Jammu & Kashmir	10.00	0.7
2036	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Biswas,B., Dr. (M) Burdwan University Department of Geography, Golapbag Burdwan - 713 104 West Bengal	10.00	0.7
2037	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Jaganathan,R., Dr. (M) Madras University Department of Geography, School of Earth & Atmospheric Science, Tholkappiar Campus, Chepauk Chennai - 600 005 Tamil Nadu	10.00	0.7
2038	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Thakur,B.R., Dr. (M) Himachal Pradesh University Department of Geography, Summer Hills Shimla - 171 005 Himachal Pradesh	10.00	0.7
2039	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Singh,S.K., Dr. (M) Allahabad University Allahabad - 221 002 Uttar Pradesh	10.00	0.7

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2040	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Saikia,A., Prof. (M) Gauhati University NH -37, Gopinath, Bordoloi Nagar, Jalakbari Guwahati - 781 014 Assam	10.00	0.7
2041	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Janardhanan,D., Dr. (M) National Institute of Technanical Teachers Training & Research Near Tides Park, Taramani Chennai - 600 113 Tamil Nadu	10.00	0.7
2042	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Balamurugan,G., Dr. (M) Tata Institute of Social Sciences Centre for Geoinformatics, V.N. Purav Marg, T.F. Donar Mumbai - 400 088 Maharashtra	10.00	0.7
2043	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Kale,K.V., Prof. (F) Dr. Babasaheb Ambedkar Marathwada University Department of Computer Science & IT, Jaisingpura Aurangabad - 431 004 Maharashtra	10.00	0.7
2044	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Ramesh,H., Dr. (M) National Institute of Technology (Karnataka) Mangalore Surathkal - 575 025 Karnataka	10.00	0.7
2045	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Rajeshwari, Dr. (F) Kurukshetra University Department of Geography Kurukshetra - 136 119 Haryana	10.00	21
2046	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Vimal,B.K., Mr. (M) Bihar Agricultural University Department of Soil Science & Agricultural Chemistry, Bhagalpur Road Sabour - 813 201 Bihar	10.00	0.7
2047	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Jalan,S., Dr. (F) Mohanlal Sukhadia University Department of Geography, Faculty of Earth Sciences, Ganapati Nagar Udaipur - 313 001 Rajasthan	10.00	0.7
2048	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Mishra,U., Dr. (M) National Institute of Technology (Agartala) Department of Civil Engineer, Brjala, Jirania Agartala - 799 046 Tripura	10.00	0.7
2049	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Kannan,M., Dr. (F) Sophia Girls College Jaipur Road, Mirshali Ajmer - 305 001 Rajasthan	2.50	0.1
2050	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Nidamanuri,R.R., Dr. (M) Indian Institute of Space Science & Technology Department of Space, Valiyamala Road Thiruvananthapuram - 695 547 Kerala	2.50	0.1
2051	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Kumar,V., Dr. (M) IIC Academy Ruskikona, Madhuuravada, IT Park, SEZ Layout Visakhapatnam - 530 041 Andhra Pradesh	2.50	0.1

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2052	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Prakasam,C., Dr. (M) Chitkara University Bartowala, Baddi Solan - 174 103 Himachal Pradesh	10.00	0.7
2053	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Katiyar,S.K., Dr. (M) Maulana Azad National Institute of Technology (Bhopal) Department of Civil Engineering Bhopal - 462 051 Madhya Pradesh	10.00	0.7
2054	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Thakural,L.N., Dr. (M) National Institute of Hydrology Jal Vigyan Bhawan Roorkee - 247 667 Uttarakhand	2.50	0.1
2055	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Kumar,K.S., Dr. (M) Mizoram University Department of Forestry, Tanhril Aizawal - 796 004 Mizoram	2.50	0.1
2056	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Reddy,V., Dr. (F) National Institute of Technology (Warangal) Department of Civil Engineering Warangal - 506 004 Telangana	2.50	0.1
2057	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Fazal,S., Prof. (M) Aligarh Muslim University Department of Geography Aligarh - 202 002 Uttar Pradesh	10.00	0.7
2058	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Shanmugam,P., Dr. (M) Indian Institute of Technology (Madras) Department of Ocean Engineering Chennai - 600 025 Tamil Nadu	10.00	0.7
2059	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Siddiqui,M.A., Prof. (M) Jamia Millia Islamia Department of Geography New Delhi - 110 025 Delhi	10.00	0.7
2060	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Yardi,K., Prof. (M) Bharati Vidyapeeth University Institute of Environment Education & Research Pune - 411 038 Maharashtra	10.00	0.7
2061	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Singh,T.P., Dr. (M) Symbiosis Institute of Geoinformatics Atur Centre, Gokhale Cross Road Pune - 411 014 Maharashtra	2.50	0.1
2062	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Chetry,N., Dr. (M) University of Science & Technology Kiling Road, 9th Mile, G.S. Road, Baridua Ri-Bhoi - 793 101 Meghalaya	10.00	0.7
2063	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Vyas,A., Dr. (F) Centre for Environment Planning & Technology University Navrangpura Ahmedabad - 380 009 Gujarat	10.00	0.7

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2064	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Punia,M.P., Dr. (M) Birla Institute of Technology (Mesra) Department of Remote Sensing, Statue Circle Jaipur - 302 001 Rajasthan	10.00	21
2065	Geospatial technologies under Natural Resources Data Management System (NRDMS) programme of department of science & technology	DST-NRDMS	Naseer, Dr. (M) National Institute of Technology (Kozhikode) Department of Architecture & Planning, Calicut Mukkani Road, Kattangal Kozhikode - 673 601 Kerala	10.00	0.7
2066	GIS based spatial mining of soil contamination level in Cauvery delta region	DST-NRDMS	Valarmathi,A., Dr. (M) Assistant Professor & Head Anna University Department of Computer Application & Information Technology, Bharathidasan Institute of Technology Campus Tiruchirappalli - 620 024 Tamil Nadu	7.65	24
2067	Integrated approach, planning & management for the sustainable development of natural resources in Bundelkhand region	DST-NRDMS	Singh,S.P., Prof. (M) Bundelkhand University NH 25, Jhansi-Kanpur Road Jhansi - 284 128 Uttar Pradesh	6.70	24
2068	Integrated wasteland management & land resource planning in drought-prone Puruliya district, West Bengal	DST-NRDMS	Jana,N.C., Dr. (M) Professor Burdwan University Department of Geography, Gopalbag Burdwan - 713 104 West Bengal	0.55	6
2069	Land use based flood damage assessment using Remote Sensing: Chennai case study	DST-NRDMS	Premalatha, Dr. (F) Professor Bannari Amman Institute of Technology Department of Computer Science & Engineering, Post Alathukombai, District Erode Sathyamangalam - 638 401 Tamil Nadu	10.50	24
2070	Landslide risk evaluation of Noklak town, Nagaland	DST-NRDMS	Walling,T., Dr. (M) Assistant Professor Nagaland University Department of Geology, Meriema Kohima - 797 004 Nagaland	26.67	24
2071	Project management unit for Geospatial capacity Building program of the NRDMS	DST-NRDMS	Kumar,S., Dr. (F) Bharati Vidyapeeth University Institute of Environment Education & Research, LBS Road, Sada Shiv Peth Pune - 411 030 Maharashtra	29.92	24
2072	Promotion of value added & herbal industry oriented cultivation of medicinal plants & their quality analysis for facilitating better industrial value for self-employment generation & sustainable development of farmers in Bundelkhand region	DST-NRDMS	Arya,M., Dr. (F) Scientist Rani Lakshmi Bai Central Agricultural University Department of Plant Pathology, NH-75, Gwalior Road Jhansi - 284 003 Uttar Pradesh	23.49	24
2073	Promotion of value added & herbal industry oriented cultivation of medicinal plants & their quality analysis for facilitating better industrial value for self-employment generation & sustainable development of farmers in Bundelkhand region	DST-NRDMS	Dwivedi,L., Dr. (M) Assistant Professor Bundelkhand University Institute of Biomedical Sciences, Kanpur Road Jhansi - 284 128 Uttar Pradesh	23.49	24
2074	River-aquifer exchanges & hydrogeological study for watershed management of Betwa Rain Basin	DST-NRDMS	Gaur,S., Dr. (M) Assistant Professor Indian Institute of Technology (BHU) Department of Civil Engineering Varanasi - 221 005 Uttar Pradesh	24.51	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2075	Shapley value based ambulance repositioning using spatial-temporal data	DST-NRDMS	Amit,R.K., Dr. (M) Indian Institute of Technology (Madras) Department of Management Studies Chennai - 600 036 Tamil Nadu	16.86	24
2076	Slope stability of the road cut slope along the Bhowali-Almorah (Active landslides), Uttarakhand	DST-NRDMS	Singh,R., Dr. (M) Assistant Professor Lucknow University Department of Geology Lucknow - 226 007 Uttar Pradesh	21.15	28
2077	Standard city GML data model strategy for consistent modeling of slums smart cities across India	DST-NRDMS	Vyas,A., Dr. (F) Centre for Environment Planning & Technology University Navrangpura Ahmedabad - 380 009 Gujarat	25.14	36
2078	Vulnerability analysis of engineered slopes along NH-05, from Jeori to Tranda, Himachal Pradesh, India	DST-NRDMS	Sarkar,K., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Department of Applied Geology Dhanbad - 826 004 Jharkhand	28.95	24
2079	A comprehensive sedimentological model for accreting tidal flats in a modern wave-dominated Subarnarekha river mouth estuarine system along the coast of Bay of Bengal, eastern India	DST-SERB-CRG	Bhattacharya,B., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	25.86	36
2080	A decision support system for climate change adaptation of chain tank systems of semi-arid region	DST-SERB-CRG	Reddy,K.V., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	31.08	36
2081	A detailed ichnologic investigation of the cenozoic sedimentary substrates and stratigraphic contacts of the Kutch basin	DST-SERB-CRG	Dasgupta,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	30.22	36
2082	A study to explore the potentiality of using Coal Fly Ash (CFA) derived from Indian thermal power plants as a resource of Rare Earth Elements (REEs)	DST-SERB-CRG	Maity,S., Dr. (M) CSIR-Central Institute of Mining & Fuel Research Barwa Road Dhanbad - 826 001 Jharkhand	54.54	36
2083	Amelioration of saline/sodic soil using municipal solid waste compost/ vermicompost	DST-SERB-CRG	Singh,R.P., Dr. (M) Banaras Hindu University Institute of Environment and Sustainable Development Varanasi - 221 005 Uttar Pradesh	42.54	36
2084	Assessing the impact of imbalanced use of chemical fertilizers on soil health using a soil function based quantitative approach	DST-SERB-CRG	Lenka,N.K., Dr. (M) ICAR-Indian Institute of Soil Science Nabibagh, Berasia Road Bhopal - 462 038 Madhya Pradesh	21.55	36
2085	Assessment of greigite (Fe ₃ S ₄) formation by hydrothermal alteration and partial melting of base-metal sulfide deposits as a potential mechanism contributing to groundwater as-pollution	DST-SERB-CRG	Pruseth,K.L., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	33.40	36
2086	Assessment of high salinity in groundwater along southern Ramanathapuram coast, Tamil Nadu - using Geochemical and Isotopic techniques	DST-SERB-CRG	Gowtham,B., Dr. (M) Presidency College Kannagi Salai, Chepauk, Triplicane Chennai - 600 005 Tamil Nadu	26.79	36
2087	Assessment of toxicity on vegetative crops by application of Municipal Solid Waste Compost (MSWC)	DST-SERB-CRG	Ranjan,M.R., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	26.04	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2088	Assessment of vulnerability of Satluj river basin to floods under scenarios based on representative concentration pathways	DST-SERB-CRG	Sharif,M., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	31.22	36
2089	Base metal occurrences in Kaziranga porphyry granitoids of Karbi hills, Assam - Its prospect examination	DST-SERB-CRG	Majumdar,D., Dr. (M) Dibrugarh University Dibrugarh - 788 004 Assam	49.37	36
2090	Biochar for acid soil improvement and climate change mitigation in temperate ecosystem	DST-SERB-CRG	Rajan,K., Dr. (M) ICAR-Indian Institute of Soil & Water Conservation Research Centre, P.O. Fernhill Ootacamund - 643 004 Tamil Nadu	51.19	36
2091	Biodiversity and palaeobiogeography of the microbiota from the Deccan infra and intertrappean beds of the Malwa plateau, central India	DST-SERB-CRG	Parmar,V., Dr. (M) Jammu University Jammu - 180 006 Jammu & Kashmir	37.36	36
2092	Biostratigraphy of Kerala basin based on palynology and calcareous nannofossils: Implications on palaeovegetation and palaeoclimate	DST-SERB-CRG	Verma,P., Dr. (F) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	25.88	36
2093	Comprehensive biostratigraphy and palaeoenvironmental reconstruction of the cenomanian-turonian faunal turnover event recorded in peninsular India	DST-SERB-CRG	Punekar,J., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	38.86	36
2094	Decoding the late quaternary track of Indian monsoon in the Gangetic plain and its control on the vegetation and fluvial patterns: A multi-proxy approach	DST-SERB-CRG	Sanyal,P., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Earth Science, Nadia Mohanpur - 741 246 West Bengal	230.17	36
2095	Developing statistical post-processing approaches for generating ensembles of improved medium range forecasts of the Indian summer monsoon rainfall	DST-SERB-CRG	Jha,S.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	24.31	36
2096	Diversity of phanerozoic ophiolites between Nagaland-Manipur and Andaman Islands	DST-SERB-CRG	Ghosh,B., Dr. (M) Calcutta University 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	15.62	36
2097	Dyke intruded fractured rock characterization using discrete dual porosity and neural network based modelling of geo-electrical data for water resource management	DST-SERB-CRG	Maiti,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	26.22	36
2098	Economic and ecological implications of shifting cultivation in Mizoram, northeast India	DST-SERB-CRG	Sati,V.P., Dr. (M) Mizoram University Post Box No. 190 Aizawal - 796 009 Mizoram	12.45	36
2099	Evaluating the impact of oil pollution on mangrove habitats, and their associated biota to assess their adaptations and resilience capacity	DST-SERB-CRG	Manohar,C.S., Dr. (F) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	47.95	36
2100	Evaluation and development of hyperlocal forecasting system for smart city Bhubaneswar and neighbourhood regions	DST-SERB-CRG	Pattnaik,S., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	30.91	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2101	Evaluation of biomass burning emissions to address sources of atmospheric brown carbon and associated impacts on regional climate	DST-SERB-CRG	Pervez,S., Dr. (M) Pt. Ravishankar Shukla University G.E.Road, Amanaka Raipur - 492 010 Chhattisgarh	55.89	36
2102	Field and laboratory investigations to understand temporal variation between groundwater level and fluoride: Managed aquifer recharge for mitigation	DST-SERB-CRG	Lakshmanan,E., Dr. (M) Anna University Guindy Chennai - 600 025 Tamil Nadu	47.46	36
2103	Flood prediction in ungauged basins using an instantaneous dryness-index based zero-Parameter hydrological model	DST-SERB-CRG	Biswal,B., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	21.09	36
2104	Generation of reactive oxygen species in size fractionated ambient particulate matter: Association with metals, polyaromatic hydrocarbons and meteorology	DST-SERB-CRG	Lakhani,A., Dr. (F) Dayal Bagh Educational Institute Dayal Bagh Road Agra - 282 002 Uttar Pradesh	30.06	36
2105	Geochemistry and isotopic (Sr & Nd) studies of neo-tethyan permo-triassic siliciclastic sedimentary rocks from the Kashmir region, northern India: Implications for provenance, paleoclimate and end-permian mass extinction	DST-SERB-CRG	Rashid,S., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	43.63	36
2106	Geo-environmental problems and its impact on sustainable development of lower Kulsri river basin, Assam	DST-SERB-CRG	Thakuria,H., Dr. (F) Cotton University Pan Bazar Guwahati - 781 001 Assam	28.74	36
2107	Granite series evaluation of trans-Himalayan Lohit Plutonic complex, eastern Arumachal Pradesh: Constraints from magnetic susceptibility, mineral chemistry, geochemistry and zircon chronology	DST-SERB-CRG	Rino,V., Dr. (F) Nagaland University Department of Geology, Meriema Kohima - 797 004 Nagaland	29.45	36
2108	Greenhouse gases (CO ₂ , CH ₄ and N ₂ O) emission studies in Keibul Lmjao National Park, Manipur	DST-SERB-CRG	Singh,K.R., Dr. (M) Manipur University Canchipur Imphal - 795 003 Manipur	51.32	36
2109	Identification of above ground vegetation biomass in the Kalimpong subdivision of West Bengal	DST-SERB-CRG	Paul,P.K., Dr. (M) Indian Institute of Engineering Science & Technology P.O.: Botanic Garden, Shibpur Howrah - 711 103 West Bengal	34.18	36
2110	Investigation of Ca stable isotope ratio fractionation during solid earth processes: Implications for the bulk silicate earth Ca isotopic composition	DST-SERB-CRG	Chakrabarti,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.56	36
2111	Land-sea interactions along coastal wetlands of Gujarat, western India: Mangroves response to climate and sea-level changes during the holocene	DST-SERB-CRG	Pandey,S., Dr. (F) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	49.28	36
2112	Metal and metalloid hazard in soil, plant and ground water in western Uttar Pradesh receiving irrigation through Hindon river	DST-SERB-CRG	Golui,D., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	39.56	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2113	Metamorphic evolution of Mg-Al granulites from Kodaikanal-Cardamom hills, southern India: Evidence for lower crustal heating-cooling trajectory	DST-SERB-CRG	Prakash,D., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	42.95	36
2114	Mineralogy, geochemistry and geochronology of microgranular enclaves and host Ladakh granitoids, trans-Himalaya, India: Implication on subduction-related magma chamber processes, sources and timing of plutonism and crustal growth	DST-SERB-CRG	Kumar,S., Dr. (M) Kumaun University Ayarpatta Nainital - 263 002 Uttarakhand	39.83	36
2115	Mineralogy, petrography and geochemical investigations for Ni-Cu-PGE mineralization in the Phenai Mata Igneous complex, Deccan large Igneous province, Gujarat, India	DST-SERB-CRG	Randive,K.R., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Civil Lines Nagpur - 440 001 Maharashtra	34.94	36
2116	Modelling urban sprawl dynamics of Howrah-Kolkata urban agglomeration by semi-automated impervious feature extraction techniques using multi-sensor remotely sensed data	DST-SERB-CRG	Santra,A., Dr. (M) Haldia Institute of Technology I.C.A.R.E Complex, Hatiberia Midnapore - 721 657 West Bengal	24.21	36
2117	Mopping oil with graphene based composite sponge	DST-SERB-CRG	Shukla,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	51.27	36
2118	Nuisance aquatic plants as a sustainable tool for nutrient removal and bio-fertilization	DST-SERB-CRG	Qadri,H., Dr. (F) Sri Pratap College M.A. Road Srinagar - 190 001 Jammu & Kashmir	39.05	36
2119	Observation of anomalous characteristics of VLF signals in the earth-ionospheric wave guide using a network of receivers and their correlation with seismic events	DST-SERB-CRG	Sasmal,S., Dr. (M) Indian Centre for Space Physics 43, Chalanika, Garia Station Road, Parganas Kolkata - 700 084 West Bengal	43.63	36
2120	Petrogenesis of enclaves hosted in hayuliang granitoids, eastern Arunachal Pradesh, India	DST-SERB-CRG	Singh,K.M., Dr. (M) Imphal College P.O. Kwakeithel Tuliha Airport Road Imphal - 795 001 Manipur	30.54	36
2121	PGE characterization and lava flow correlation in selected areas of eastern Deccan volcanic province	DST-SERB-CRG	Ray,J., Dr. (M) Calcutta University 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	28.02	36
2122	PM10 and PM2.5 related health effects in north-east India: Source identification and cohort analysis	DST-SERB-CRG	Devi,A., Dr. (F) Institute of Advanced Study in Science & Technology Paschim Boragaon Guwahati - 781 035 Assam	46.13	36
2123	Quantifying the holocene monsoonal variability using modern vegetation-climate relationships in the western margin of the Bengal basin, India: Development of transfer functions	DST-SERB-CRG	Ghosh,R., Dr. (F) Birbal Sahni Institute of Palaeosciences 53 University Road Lucknow - 226 007 Uttar Pradesh	43.70	36
2124	Quest for the signatures of early land plants, their subsequent evolution and biodiversity in the early palaeozoic sequences of Spiti Himalayas: Palaeoenvironmental and paleogeographical implications	DST-SERB-CRG	Saxena,A., Dr. (F) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	28.09	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2125	Regional stress in northeast India and adjacent regions: Tectonic implications	DST-SERB-CRG	Bora,D.K., Dr. (M) Diphu Government College Lumding Road, Karbi Anglong Diphu - 782 462 Assam	22.64	36
2126	Spatial distribution of groundwater quality in the Kashmir valley with special emphasis on metal ion mapping	DST-SERB-CRG	Andrabi,S.M., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	56.74	36
2127	Spatially distributed erosion estimation and hydrological modelling on a glaciated and ungauged river basin of Arunachal Pradesh using geo-informatics	DST-SERB-CRG	Bhadra,A., Dr. (F) North Eastern Regional Institute of Sciences & Technology NH 52A, Nirjuli Itanagar - 791 109 Arunachal Pradesh	63.05	36
2128	Study of floral evolution and macroscopic charcoal - an indicator of wild fire during the late palaeozoic sediments of northeast India: Implications in palaeoclimate, palaeoecology, biostratigraphy and palaeogeography	DST-SERB-CRG	Agnihotri,D., Dr. (F) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	27.08	36
2129	Study of thermospheric and mesospheric cooling by using nitric oxide radiative emissions	DST-SERB-CRG	Krishna,M.V.S., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	33.80	36
2130	Systematic study of molluscs and other benthic faunal diversity and their palaeoecological, palaeobiogeographical distribution during Jurassic-cretaceous transition in Kutch, western India	DST-SERB-CRG	Roy,P., Dr. (M) Durgapur Government College J.N. Avenue Durgapur - 713 214 West Bengal	28.68	36
2131	Systematics, palaeobiogeography and change in diversity of tertiary gastropoda of Kutch, Gujarat	DST-SERB-CRG	Das,S.S., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	41.41	36
2132	Tectonics of southern granulite terrain of south India based on integrated geophysical, structural and Remote Sensing study	DST-SERB-CRG	Lasitha,S., Dr. (F) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	41.70	36
2133	The nature of biotic interaction and community structure of marine molluscs as a response to regional environmental triggers in a tropical island ecosystem	DST-SERB-CRG	Chattopadhyay,D., Dr. (F) Indian Institute of Science Education & Research (Kolkata) Mohanpur - 741 246 West Bengal	40.50	36
2134	Understanding influence of climate change on small hydro-power projects in Himachal Pradesh, India	DST-SERB-CRG	Kulkarni,A.V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	40.42	36
2135	A novel approach to model soil desertification risk in Vellore district using multispectral and microwave Remote Sensing techniques	DST-SERB-ECRA	Shoba,P., Dr. (F) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	21.16	36
2136	A primary investigation of Submarine Groundwater Discharge (SGD) and its influence on coastal water quality along the south east coast of Tamil Nadu, India	DST-SERB-ECRA	Selvam,S., Dr. (M) V.O. Chidambaram College Palayamkottai Road, Subbiah Puram, Thoothukudi Tuticorin - 628 008 Tamil Nadu	34.32	36
2137	Active geodynamics, evolution, structure and deformation analysis of Indo-Burman wedge	DST-SERB-ECRA	Mohanty,D., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	13.40	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2138	An innovative approach for development of an efficient and integrated Algae bioenergy production system using biosynthesized nanoparticles	DST-SERB-ECRA	Bala,K., Dr. (F) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	33.30	36
2139	Assessing the impact of salinity on phosphate solubilizing microbes for sustainable mitigation of phosphorus deficiency in saline soils	DST-SERB-ECRA	Prasad,V., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	34.21	36
2140	Atmospheric rivers and extreme precipitation over India	DST-SERB-ECRA	Nayak,M.A., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	21.13	36
2141	Can seaweed contribute towards sustainable future by playing a role in climate change mitigation and adaptation?	DST-SERB-ECRA	Kumar,A., Dr. (M) Sathyabama University Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur Chennai - 600 119 Tamil Nadu	29.54	36
2142	Complexation of selenate & selenite to Natural Organic Matter (NOM): Insight from X-ray Absorption Spectroscopy (XAS) and implication for selenium bioavailability in soil and aquatic environments	DST-SERB-ECRA	Biswas,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	36.43	36
2143	Configuration of tectono-magmatic deformation structures in Bundelkhand craton: Constraints for the evolution of syn-tectonic granitoid and fluid induced reactivation of brittle shear zones	DST-SERB-ECRA	Banerjee,S., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	26.07	36
2144	Developing multi-scale adaptation strategies for sustainable intensification of rice-wheat cropping system using APSIM model	DST-SERB-ECRA	Bana,R.S., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	18.83	36
2145	Development of Artificial Neural-Network based 3-dimensional Ionospheric Model (ANNIM)	DST-SERB-ECRA	Sudarsanam,T., Dr. (M) Indian Institute of Geomagnetism Kalamboli Highway, New Panvel Mumbai - 410 218 Maharashtra	19.84	36
2146	Development of rainfall Intensity Duration Frequency (IDF) curves over India under non-stationary climatic conditions	DST-SERB-ECRA	Kasiviswanathan,K.S., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	21.98	36
2147	Dynamics of coral-macroalgal communities in Gulf of Mannar reef: Environmental thresholds and repercussions on coral calcification	DST-SERB-ECRA	Balakrishnan,M., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	33.39	36
2148	Dynamics of waterlogging and drainage congestion in the Kosi fan	DST-SERB-ECRA	Gaurav,K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	21.39	36
2149	Ecohyrological assessment of eutrophicated water bodies - monitoring Agal blooms (Algal toxins), water quality and developing techniques to reduce eutrophication	DST-SERB-ECRA	Gogoi,N., Dr. (F) Tezpur University Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	26.22	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2150	Evaluation of monsoonal urban heat island and its effect on local monsoon onset and heavy rainfall climatology over Indian summer monsoon	DST-SERB-ECRA	Shastri,H.K., Dr. (F) Charotar University of Science & Technology Post Changa, Petlad Anand - 388 421 Gujarat	16.17	36
2151	Exploring endophytic fungi for phytoremediation of heavy metal contaminated soils	DST-SERB-ECRA	Mandal,A., Dr. (M) ICAR-Indian Institute of Soil Science Nabibagh, Berasia Road Bhopal - 462 038 Madhya Pradesh	37.22	36
2152	Field Validation of Biomarkers (VALIDBIO) for monitoring of pollution in water bodies	DST-SERB-ECRA	Kumari,K., Dr. (F) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	26.64	36
2153	Geochemical studies of volcanic rocks from Andaman arc-back arc system: Implications on geodynamic evolution of Andaman basin	DST-SERB-ECRA	Saha,A., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	27.78	36
2154	Identification of key indicators and establishment of their critical limits in assessing soil health under different agro-ecological regions of India	DST-SERB-ECRA	Biswas,S., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	32.18	36
2155	Insights into the metallogenesis, tectonic elements, fluid evolution and controls of copper mineralization around Mundiawas area, Alwar district, Rajasthan: Implications for exploration	DST-SERB-ECRA	Sahoo,P.R., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	19.11	36
2156	Investigating the influence of crop canopy architecture on the dynamics of spatio-temporal light distribution and its effect on photosynthesis, transpiration and crop yield	DST-SERB-ECRA	Srinivasan,V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	40.78	36
2157	Investigation of rainfall vertical structure and rainfall induced erosivity over a Garhwal Himalayan station using in-situ observation and modeling	DST-SERB-ECRA	Mukherjee,S., Dr. (M) G.B. Pant Institute of Himalayan Environment Development Kosi Katarmal Almora - 263 643 Uttarakhand	53.48	36
2158	Optimizing soil organic carbon stock in rice based cropping system under irrigated ecosystem	DST-SERB-ECRA	Dubey,R., Dr. (F) Directorate of Water Management Research Rail Vihar, Chandrasekharpur Bhubaneswar - 751 023 Odisha	43.59	36
2159	Platinum-Group Element (PGE) geochemistry of Archean greenstone belt-hosted komatiites from the western Dharwar craton: Implications for magmatic Ni-Cu sulfide mineralization and chemical nature of the Archean mantle	DST-SERB-ECRA	Mukherjee,R., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	28.71	36
2160	Prediction of extreme severe cyclonic storms over north Indian ocean using high resolution numerical modeling system for disaster preparedness	DST-SERB-ECRA	Singh,K.S., Dr. (M) Madanapalle Institute of Technology & Science Post Box No. 14, Angallu, Madanapalle Chittoor - 517 325 Andhra Pradesh	19.07	36
2161	Quantification of regional sources and sinks of CO ₂ over India: Developing a high-resolution modeling system for accounting variations of atmospheric CO ₂ mole fraction at the scale of ecosystem and political borders	DST-SERB-ECRA	Pillai,D.K., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	26.50	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2162	Reconstruction of long-term soil moisture evaporation in drought prone Bundelkhand and Vidarbha regions using tree-ring cellulose isotope data	DST-SERB-ECRA	Bose,T., Dr. (F) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	46.11	36
2163	Role of crystalline and non-crystalline nano-clays in stabilization of organic carbon in pedogenetically important soil orders of tropical India	DST-SERB-ECRA	Paul,R., Dr. (M) ICAR-National Bureau of Soil Survey & Land Use Planning Amravati Road Nagpur - 440 010 Maharashtra	30.89	36
2164	Short-term variability in sun-synchronous and non-sun synchronous tides in the middle atmosphere from investigations of contemporaneous satellite, model and reanalysis data	DST-SERB-ECRA	Das,U., Dr. (F) Indian Institute of Information Technology Webel IT Park Campus, Near Budha Park, Nadia Kalyani - 741 235 West Bengal	20.31	36
2165	Study of heterogeneous precipitation patterns with the help of aerosol - cloud properties: Focus on western India and Arabian Sea	DST-SERB-ECRA	Srivastava,R., Dr. (M) Pandit Deendayal Petroleum University Raisan Gandhinagar - 382 007 Gujarat	20.67	36
2166	Synthesis of Biopolymer Nanocomposites (BPNC) and their application in water purification	DST-SERB-ECRA	Jain,M., Dr. (F) Banda University of Agriculture and Technology Banda - 210 001 Uttar Pradesh	34.12	36
2167	Tectonic evolution of Bavali shear zone and its Gondwana connection: A structural, metamorphic and chronological analysis	DST-SERB-ECRA	Rekha,S., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	23.58	36
2168	Traces of predation on molluscs from the middle cretaceous Uttattur group of southern India: A spatio-temporal comparison	DST-SERB-ECRA	Mallick,S., Dr. (M) Triveni Devi Bhalotia College Bardhaman Raniganj - 713 383 West Bengal	6.18	36
2169	Understanding and modeling the reactive transport of uranium contaminated groundwater of Malwa region, Punjab	DST-SERB-ECRA	Loganathan,V., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	28.11	36
2170	Understanding the depositional environment & its control over active & relict seep fluid/gas migration, gas hydrate formation & Geohazards (Seafloor stability) in Krishna Godavari (KG) basin using modern geophysical techniques	DST-SERB-ECRA	Gullapalli,S., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	19.54	36
2171	An investigation to comprehend the black carbon aerosol: A sink for carbon dioxide	DST-SERB-EMEQ	Bhaskar,V., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	25.77	36
2172	Biozonation & palaeoclimatic reconstruction of permo-triassic sediments from Talcher coalfield, Mahanadi basin, Odisha, India	DST-SERB-EMEQ	Murthy,S., Dr. (M) Birbal Sahni Institute of Palaeosciences 53, University Road Lucknow - 226 007 Uttar Pradesh	19.27	36
2173	Cut slope stability analysis along NH-54 between Aizwal & Hmuifang tourist resort, Mizoram	DST-SERB-EMEQ	Dinpuia,L., Dr. (M) Pachhunga University College College Veng Aizawal - 796 001 Mizoram	31.41	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2174	Development of bionanoremediation techniques for arsenic contamination in aquatic environments monitored by biogeophysical techniques	DST-SERB-EMEQ	Singh,K.P., Dr. (M) CSIR-National Geophysical Research Institute Uppal Road Hyderabad - 500 007 Telangana	42.64	36
2175	Facies architecture, depositional framework & sequence building of the upper member (Albian), Bhuj formation, Kutch, India	DST-SERB-EMEQ	Mandal,A., Dr. (M) Presidency University 86/1, College Street Kolkata - 700 073 West Bengal	43.05	36
2176	Geochemical constrains on evolution history of calc-silicate rocks from the north & central parts of southern granulite terrane, India	DST-SERB-EMEQ	Thoti,Y., Dr. (M) CSIR-National Geophysical Research Institute Uppal Road Hyderabad - 500 007 Telangana	22.39	36
2177	Integrated hydrogeological studies of Lingasugur taluk, Raichur district, Karnataka	DST-SERB-EMEQ	Manjunatha,S., Dr. (M) Karnatak Science College Karnatak University Dharwad - 580 001 Karnataka	23.10	36
2178	Investigation on the behavior of elastic wave propagation in double porous & porous - piezoelectric media	DST-SERB-EMEQ	Mistri,K.C., Dr. (M) Chandrapur College Burdwan - 713 145 West Bengal	18.18	36
2179	Methodology for real-time assessment of salt affected soils Ghaghar plain of Haryana using hyperspectral Remote Sensing	DST-SERB-EMEQ	Barman,A., Dr. (M) ICAR-Central Soil Salinity Research Institute Zarifa Farm, Kachhwa Road Karnal - 132 001 Haryana	52.84	36
2180	Structurally dynamic model of greenhouse gas emissions & carbon sequestration in Sundarban mangrove ecosystem, India	DST-SERB-EMEQ	Mandal,S., Dr. (M) Burdwan University DDE Complex, Golapbag, Post Rajbati Burdwan - 713 104 West Bengal	37.66	36
2181	Studies on applicability of NavIC/IRNSS signals to explore ionospheric irregularities & effects on radio signals near the EIA crest of the Indian sector	DST-SERB-EMEQ	Vhatkar,R.S., Dr. (M) Shivaji University Vidya Nagar Kolhapur - 416 004 Maharashtra	22.48	36
2182	Rodent-based biochronology & palaeoecology of the neogene terrestrial sequences of Kutch & Kathiawar, Gujarat	DST-SERB-HRHR	Patnaik,R., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	52.44	36
2183	Adaptive water balance schematization at sub-basin scale for dynamic climatic variations in Manipur IHR region	DST-SPLICE-CCP	Singh,N., Dr. (M) Assistant Professor National Institute of Technology (Manipur) Department of Civil Engineering, Langol Imphal - 795 004 Manipur	43.90	36
2184	An assessment of socio-economic impacts due to meltwater variability in Himalayan states	DST-SPLICE-CCP	Tayal,S., Dr. (M) The Energy & Resources Institute Habitat Centre Complex, Lodhi Road New Delhi - 110 003 Delhi	25.03	36
2185	Analysis of climate change and urban heat island impact in Dehradun, Uttarakhand	DST-SPLICE-CCP	Arya,D.S., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	43.68	36
2186	Assam climate change management society- its establishment/ strengthening & maintenance	DST-SPLICE-CCP	Johari,A.K., Mr. (M) Department of Environment & Forest Guwahati - 781 037 Assam	70.84	60

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2187	Climate change and natural resources depletion impacts on the socio-economy of Arunachal Himalaya: A indigenous and technological approach	DST-SPLICE-CCP	Tajo,L., Mr. (M) Joint Director State Remote Sensing Application Centre Itanagar - 791 111 Arunachal Pradesh	31.28	36
2188	Climate resilience, vulnerability & adaptability assessment of livestock by evaluating important production traits, physiological stress markers and disease predispositions in different agro-climatic zones of Himachal Pradesh	DST-SPLICE-CCP	Chahota,R., Dr. (M) Professor Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Veterinary Microbiology, DGCN College of Veterinary & Animal Sciences Palampur - 176 062 Himachal Pradesh	36.69	36
2189	Development of climate resilient major crops of Himachal Pradesh using genomics assisted breeding	DST-SPLICE-CCP	Sharma,K.D., Dr. (M) Professor Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Agricultural Biotechnology Palampur - 176 062 Himachal Pradesh	25.27	36
2190	Development of climate resilient major crops of Himachal Pradesh using genomics assisted breeding	DST-SPLICE-CCP	Sharma,K.D., Dr. (M) Professor Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Agricultural Biotechnology Palampur - 176 062 Himachal Pradesh	62.15	36
2191	Development of long term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural area and future projection	DST-SPLICE-CCP	Swain,D., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) School of Earth, Ocean & Climate Science Bhubaneswar - 751 013 Odisha	31.23	36
2192	Effect of climate changes on working capacity and livelihood sustainability for agricultural worker of Arunachal Pradesh	DST-SPLICE-CCP	Patel,T., Dr. (M) Assistant Professor North Eastern Regional Institute of Sciences & Technology Nirjulli Itanagar - 791 109 Arunachal Pradesh	33.27	36
2193	Establishing Gujarat State Climate Change Center	DST-SPLICE-CCP	Kamboj,R.D., Dr. (M) Director & APCCF Gujarat Ecological Education & Research Foundation Indroda Nature Park, Near CH 0 Circle Gandhinagar - 382 007 Gujarat	91.18	60
2194	Establishment of Bihar State Knowledge Management Centre on Climate change (SKMCC)	DST-SPLICE-CCP	Tewari,S., Mr. (M) Department of Environment & Forest Patna - 800 013 Bihar	65.61	36
2195	Glacio-hydrometeorology & paleo-history of Brahma group of glaciers, Chenab basin, Jammu and Kashmir	DST-SPLICE-CCP	Dhar,S., Dr. (M) Associate Professor Central University of Jammu Rahya Suchani Samba - 181 143 Jammu & Kashmir	41.70	36
2196	Himalayan snow & glacier studies using microwave Remote Sensing- a special emphasis on mass of seasonal snow and eastern Himalaya	DST-SPLICE-CCP	Singh,G., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Centre of Studies in Resources Engineering Mumbai - 400 076 Maharashtra	38.61	36
2197	Human capacity building programme titled adaptive planning for resilience and sustainable development in multi-hazard	DST-SPLICE-CCP	Gupta,A.K., Dr. (M) National Institute of Disaster Management New Delhi - 110 002 Delhi	46.83	36
2198	Impact assessment of climate and land-use/landcover changes on hydrology and storm water drain network of Bangalore	DST-SPLICE-CCP	Srinivas,V.V., Dr. (M) Professor Indian Institute of Science Interdisciplinary Center for Water Research Bengaluru - 560 012 Karnataka	33.10	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2199	Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India	DST-SPLICE-CCP	Vinoj,V., Dr. (M) Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 007 Odisha	37.12	36
2200	Impact of climate change on high altitude Himalayan honey bee Apis laboriosa Smith and its acclimatization in changing environment	DST-SPLICE-CCP	Gogoi,H., Dr. (M) Assistant Professor Rajiv Gandhi University Department of Zoology, Rono Hills Doimukh - 791 112 Arunachal Pradesh	29.42	36
2201	Impacts of climate change on bioresources and livelihoods of local people of Arunachal Pradesh	DST-SPLICE-CCP	Paul,A., Dr. (M) Assistant Professor North Eastern Regional Institute of Sciences & Technology Department of Forestry Nirjoui - 791 109 Arunachal Pradesh	29.86	36
2202	Mapping simulated adaptations, futuristic crop water foot prints scenarios for major crops, insects & diseases geographical distribution, climate vulnerability and climate resilience of farming community of Himachal Pradesh	DST-SPLICE-CCP	Rana,R.S., Dr. (M) Principal Scientist Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Centre for Geoinformatics Research & Training Palampur - 176 062 Himachal Pradesh	12.86	36
2203	Modeling the impact of aerosols/ gases on regional climate & weather extremes over sub Himalayan north east region	DST-SPLICE-CCP	Pathak,B., Dr. (M) Assistant Professor Dibrugarh University Department of Physics, Centre for Atmospheric Studies	64.36	36
2204	Multi-scale vulnerability assessment to climate variability for adaptation planning	DST-SPLICE-CCP	Singh,N.R., Prof. (M) Manipur University Department of Chemistry Canchipur - 795 003 Manipur	16.41	36
2205	Retrieval of ice velocity using Interferometry techniques to understand the ice dynamics and glacier stored water of Karakoram glaciers	DST-SPLICE-CCP	Priya,M.G., Dr. (F) Professor Jyothy Institute of Technology Tataguni, Off Kanakapura Road Bengaluru - 560 082 Karnataka	9.69	36
2206	Strengthening the existing Centre of Excellence in Climate Change: Divecha Centre for Climate Change	DST-SPLICE-CCP	Satheesh,S.K., Prof. (M) Chairman Indian Institute of Science Centre for Climate Change Bengaluru - 560 012 Karnataka	312.10	60
2207	Study of glacio-hydrological processes at Naradu glacier, western Himalaya	DST-SPLICE-CCP	Kumar,R., Prof. (M) Head Sharda University Knowledge Park-3 Greater Noida - 201 306 Uttar Pradesh	30.50	36
2208	Sustaining the impact of climate change on lentic wetlands of Arunachal Himalayan region	DST-SPLICE-CCP	Nimasow,O.D., Dr. (M) Assistant Professor Rajiv Gandhi University Department of Botany, Rono Hills Doimukh - 791 112 Arunachal Pradesh	31.60	36
2209	The state and fate of the glaciers in Upper Alaknanda Basin (UAB), central Himalaya, India	DST-SPLICE-CCP	Nainwal,H.C., Mr. (M) Professor Hemwati Nandan Bahuguna Garhwal University Department of Geology Srinagar - 246 714 Uttarakhand	36.39	36
2210	Understanding the biodiversity of Odonata (class insecta) of Kashmir Himalayan region with reference to climate change	DST-SPLICE-CCP	Qureshi,A.A., Dr. (M) Reseach Officer Islamic University of Science & Technology Mantaqi Centre for Science & Society Awantipora - 192 122 Jammu & Kashmir	33.97	36
2211	Urban flood modelling: A web-based decision tool integrating UAV based information	DST-SPLICE-CCP	Regonda,S.K., Dr. (M) Indian Institute of Technology (Hyderabad) Hyderabad - 502 205 Telangana	36.49	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2212	Vulnerability assessment of alternate food crops/ varieties of Manipur to climate change & their production enhancement through carbon positive approach	DST-SPLICE-CCP	Singh,L.N., Dr. (M) Professor Central Agricultural University College of Agriculture, Iroishemba Imphal - 795 004 Manipur	19.91	36
2213	Salinity & drought stress adaptability of Cactus (Opuntia ficus-indica) as potential forage in arid environments	DST-SYST	Gajender, Dr. (M) ICAR-Central Soil Salinity Research Institute Zarifa Farm, Kachhwa Road Karnal - 132 001 Haryana	24.55	36
2214	Sustainable utilization & conservation of natural resources by tribal community through innovative technology for improving alternate living conditions	DST-TITE	Kumari,B.V., Mrs. (F) Association for Social & Humanize Action H. No. 7-178/6, Main Road, Yerrampeta Village, Post Chinturu Godavari - 533 347 Andhra Pradesh	38.88	36
2215	AMS, microstructures, thermometry & chronology of Dalhousie Granite, western Himalaya, focusing on the granite emplacement & exhumation	DST-WOS-A	Thripathi,K., Dr. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	32.00	36
2216	Assessing the trace gas amounts & analysis of their pathways over Indian region using various remote in situ data sources for deriving climate action plans	DST-WOS-A	Alex,A., Dr. (F) National Centre for Earth Sciences Studies Ministry of Earth Sciences Thiruvananthapuram - 695 011 Kerala	23.70	36
2217	Atmospheric deposition of N,P. & Fe affecting primary productivity in Sundarban, N.E. coast of India	DST-WOS-A	Majumder,N., Dr. (F) Calcutta University Kolkata - 700 019 West Bengal	20.13	36
2218	Biochemical & physiological response of phytoplankton to various environmental factors in the Kongsfjorden-Krossfjorden, an Arctic fjord system	DST-WOS-A	Bhaskar,J.T., Dr. (F) National Centre for Antarctic & Ocean Research Ministry of Earth Sciences, Headland Sada Vasco-da-Gama - 403 804 Goa	22.05	36
2219	Computer-aided catalyst design, synthesis & validation for methanol production	DST-WOS-A	Vanjari,P., Ms. (F) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	21.94	36
2220	Effect of mining generated atmospheric pollution on the survival of forest seedlings: A case study in Kendujhar, Odisha	DST-WOS-A	Pandey,R., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	31.99	36
2221	Impact assessment of aerosol radiative forcing over north-east India & its association with Indian summer monsoon	DST-WOS-A	Kalita,G., Dr. (F) Indian Institute of Tropical Meteorology Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	20.29	36
2222	Micro plastics in freshwater systems of Chennai: A review of the merging threats, identification of knowledge gaps & prioritisation of research needs	DST-WOS-A	Gopinath,K., Dr. (F) Anna University Chennai - 600 025 Tamil Nadu	23.70	36
2223	Optical characterization of coral reef diversity for understanding the impact of changing environmental conditions	DST-WOS-A	Velloth,S., Dr. (F) Centre for Marine Living Resources & Ecology Kochi - 682 037 Kerala	21.05	36
2224	Petrology, geochemistry & isotope systematics of Mafic & associated rocks from southern Budelkhand craton, central India: Insights into the geodynamic evolution	DST-WOS-A	Hiloidari,S., Ms. (F) CSIR-National Geophysical Research Institute Uppal Road Hyderabad - 500 007 Telangana	32.70	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2225	Potential impact of climate change on tropical root crops yield in the major growing areas of India	DST-WOS-A	Raji,P., Dr. (F) ICAR-Central Tuber Crops Research Institute Sreekariyam Thiruvananthapuram - 695 017 Kerala	27.65	36
2226	Reconstructions of rainfall & water isotope distributions in the tropical monsoon regions during the present & past interglacials with the aid of an atmospheric general circulation model	DST-WOS-A	Tharammal,T., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	18.50	36
2227	Sedimentation pattern in a paleoproterozoic continental rift basin, Aravalli supergroup of Udaipur Valley, Rajasthan	DST-WOS-A	Mukherjee,A., Ms. (F) Techno India University EM-4, Sector V, Salt Lake Kolkata - 700 091 West Bengal	19.50	36
2228	Seismic imaging of crust/mantle structure across northern part of the eastern Dharwar craton & east coast continental margin: Possible Geodynamic implications	DST-WOS-A	Koteswara,C., Dr. (F) CSIR-National Geophysical Research Institute Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	22.75	36
2229	Study of anisotropy in weathering pattern of different rock types in Precambrian Metamorphics & its role in sustainable aquifer development model	DST-WOS-A	Mitra,M., Ms. (F) Hooghly Mohsin College Chinsurah Hoogly - 712 101 West Bengal	23.15	36
2230	Study of multi ions plasma with ultra low frequency wave phenomena around earth's magnetosphere	DST-WOS-A	Varma,P., Dr. (F) Dr. Hari Singh Gour Central University Sagar - 470 003 Madhya Pradesh	32.71	36
2231	Trace & rare earth element study of carbonatite, a new identification from N. Puruliya, West Bengal	DST-WOS-A	Mandal,A., Dr. (F) Calcutta University 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	31.23	36
2232	Zircon U-Pb ages & Hf isotopic systematics of granitoids in the north eastern part of the eastern Dharwar craton: Constrains on Neoproterozoic orogeny & craton assembly	DST-WOS-A	Khadke,N.C., Ms. (F) CSIR-National Geophysical Research Institute Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	32.15	36
2233	Identifying suitable Brackishwater lands for increasing aquaculture area in the coastal states of India with reference to environmental conditions and regulation using MCDSS	ICAR-FM	Jayanthi,M., Dr. (F) ICAR-Central Institute of Brackishwater Aquaculture 75, Santhome high road, R.A.Puram, Chennai - 600 028 Tamil Nadu	26.40	18
2234	Investigation of ionospheric irregularities using coherent radar imaging	ISRO-RESPOND	Dhuli,R., Dr. (M) Associate Professor Vellore Institute of Technology University Ainavolu, Amaravati Guntur - 522 237 Andhra Pradesh	16.69	24
2235	Antiquity, assembly and tectonic evolution of precambrian crust in the Dharwar craton, southern India: A focus on zircon geochronology	MOES-R&DEAS	Babu,E.V.S.S.K., Dr. (M) Sr. Principal Scientist CSIR-National Geophysical Research Institute Geochronology & Isotope, Geochemistry Group, LAM- MC-ICPMS Lab., Uppal Road Hyderabad - 500 007 Telangana	76.81	60
2236	Assessment of carbon/ storage and floral diversity of sacred Groves in three districts of southern Kerala, supported by Technology Assisted Information Management	MOES-R&DEAS	Shaji,P.K., Mr. (M) Deputy Director Environmental Resources Research Centre (ERRC) NCC Road, P.B. 1230, P.O. Peroorkada Thiruvananthapuram - 695 005 Kerala	63.91	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2237	Cenozoic geodynamic of higher Himalayan crystalline rocks along the Alaknanda Dhaulti Ganga sections of western Himalayas: Constraints from phase equilibria modeling and monazite dating	MOES-R&DEAS	Saha,L., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	27.50	24
2238	Characterization of flow structures in rotating convection with superimposition of vertical and horizontal heat fluxes by Indian Institute of Technology, Bombay	MOES-R&DEAS	Balasubramanian,S., Prof. (M) Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	33.97	36
2239	Crustal deformation and plate motion studies in intra and inter plate regions of India using GPS measurements	MOES-R&DEAS	Catherine,J.K., Dr. (F) CSIR-National Geophysical Research Institute Hyderabad - 500 007 Telangana	350.40	60
2240	Crustal deformation study across Narmada-son failed rift zone, central India	MOES-R&DEAS	Kundu,B., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	84.20	60
2241	Crustal structure and electrical LAB beneath Rajmahal trap and Dalma volcanics from magnetotelluric investigations	MOES-R&DEAS	Shalivahan, Prof. (M) Indian Institute of Technology (Dhanbad) Department of Applied Geophysics Dhanbad - 826 004 Jharkhand	89.46	36
2242	Developing a virtual soil moisture methodology using optical/thermal and microwave satellite imagery for surface soil moisture mapping by Sathyabama Univeristy, Chennai	MOES-R&DEAS	Rawat,K.S., Dr. (M) Scientist Sathyabama University Centre for Remote Sensing and Geo-informatics, Sathyabama Institute of Science and Technology, Jeppiaar Nagar Chennai - 600 019 Tamil Nadu	36.69	36
2243	Development of a predictive geomorphic model as a tool for sustainable river management	MOES-R&DEAS	Mishra,V., Dr. (M) Associate Professor Indian Institute of Technology (Gandhinagar) Ahmedabad - 382 424 Gujarat	20.24	36
2244	Development of a predictive geomorphic model as a tool for sustainable river management	MOES-R&DEAS	Mohapatra,P.K., Dr. (M) Associate Professor Indian Institute of Technology (Gandhinagar) Department of Civil Engineering Ahmedabad - 382 424 Gujarat	20.24	36
2245	Development of a predictive geomorphic model as a tool for sustainable river management	MOES-R&DEAS	Jain,V., Dr. (M) Associate Professor Indian Institute of Technology (Gandhinagar) Department of Earth Sciences Ahmedabad - 382 424 Gujarat	202.44	36
2246	Development of a predictive geomorphic model as a tool for sustainable river management	MOES-R&DEAS	Shekhar,S., Dr. (M) Assistant Professor Delhi University Department of Geology Delhi - 110 007 Delhi	25.37	36
2247	Establishment of MoES D.N. Wadia chair in the area of Earth Science at Indian Institute of Technology, Kanpur (IITK)	MOES-R&DEAS	Phani,B.V., Prof. (M) Dean Indian Institute of Technology (Kanpur) Department of Resources & Alumni Kanpur - 208 016 Uttar Pradesh	157.50	36
2248	Estimation of ground motion parameters and development of a new attenuation relation from the earthquakes originated in and around north east India	MOES-R&DEAS	Sharma,S., Dr. (F) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	37.57	36
2249	Evaluating condition of deformation during subduction and exhumation of the north Indian continental margin: A study based on structure and crystallographic features of the TSO Morari Dome of trans-Himalaya, Ladakh, India	MOES-R&DEAS	Sen,K., Dr. (M) Scientist D Wadia Institute of Himalayan Geology Department of Structure & Tectonics, 33 GMS Road Dehradun - 248 001 Uttarakhand	32.63	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2250	Exhumation of the Higher Himalayan Crystalline (HHC), Ramgarh thrust sheet and Lesser Himalayan Sequence (LHS) in the Gargwal region, NW-Himalayan: Using fission track and (U-Th)/ He thermochronology	MOES-R&DEAS	Patel,R.C., Dr. (M) Kurukshetra University Department of Geophysics Kurukshetra - 136 119 Haryana	77.88	60
2251	Feasibility study on low cost passive control devices to retrofit soft story RC buildings with experimental verification	MOES-R&DEAS	Agarwal,P., Prof. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	14.41	36
2252	Geochemical and zircon U-pb geochronological and Hf-isotopic studies of the precambrian rocks of Arunachal Himalayas	MOES-R&DEAS	Bidyananda,M., Dr. (M) Manipur University Department of Earth Sciences, Canchipur Imphal - 795 003 Manipur	83.66	60
2253	Geochemistry and Geochronology of the Tethyan ophiolites of the Indo-Myanmar Orogenic Belt, northeast India: Geodynamic and petrogenetic implications and mineralization	MOES-R&DEAS	Singh,A.K., Dr. (M) Scientist D Wadia Institute of Himalayan Geology 33 GMS Road Dehradun - 248 001 Uttarakhand	39.76	36
2254	Geochronology study across the Singhbhum and Bastar craton northern eastern ghats belt transects, India	MOES-R&DEAS	Bose,S., Dr. (M) Presidency University Department of Geology Kolkata - 700 073 West Bengal	30.67	36
2255	Inferring Paleoproterozoic crustal evolution of the Bastar craton from granitoids and their supracrustal enclaves using geochemistry and U-Pb, Sm-Nd and Lu-Hf geochronology	MOES-R&DEAS	Vadlamani,R., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	48.00	60
2256	Influence of natural climate variability over extreme wave climate in Indian ocean accessed by re-analyses and CIPMS model data	MOES-R&DEAS	Kumar,P., Dr. (M) Assistant Professor National Institute of Technology (Delhi) Department of Applied Sciences, Division of Mathematics New Delhi - 110 040 Delhi	0.31	36
2257	Innovative and efficient algae based system to reduce carbon dioxide emissions: A possible remedy to climate change by Indian Institute of Technology, Indore (IIT)	MOES-R&DEAS	Bala,K., Dr. (F) Assistant Professor Indian Institute of Technology (Indore) Center of Biosciences & Engineering, P.O. Simrol Indore - 453 552 Madhya Pradesh	78.60	36
2258	Investigation on batter piles in laterally spreading soil	MOES-R&DEAS	Sarkar,R., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	24.78	36
2259	Microphysics of cloud droplets and Aerosols: Experimental and computational study by IISc, Bangalore	MOES-R&DEAS	Arakeri,J.H., Prof. (M) Indian Institute of Science Department of Mechanical Engineering Bengaluru - 560 012 Karnataka	85.18	36
2260	Molecular taxonomy & phylogeny with reference to diversity of marine calonoid copepods of Chennai coast, India	MOES-R&DEAS	Sivakumar,K., Dr. (M) Associate Professor Karpaga Vinayaga College of Engineering and Technology Department of Biotechnology, GST Road, Chinnakolambakkam, Padalam Kanchipuram - 603 308 Tamil Nadu	0.20	36
2261	Numerical modelling on hydrodynamic stability analysis of tidal inlets	MOES-R&DEAS	Thiruvenkatasamy,K., Dr. (M) Professor & Head Academy of Maritime Education & Training Department of Harbor & Ocean Engineering, Kanathur Chennai - 603 112 Tamil Nadu	0.21	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2262	Paleopedological, sedimentological and thermochronological records of climate change and tectonics during the evolution of Siwalik succession, Punjab re-entrant	MOES-R&DEAS	Srivastava,P., Dr. (M) Associate Professor Delhi University Department of Geology Delhi - 110 007 Delhi	45.17	36
2263	Paleopedological, sedimentological and thermochronological records of climate change and tectonics during the evolution of Siwalik succession, Punjab re-entrant	MOES-R&DEAS	Patel,R.C., Dr. (M) Professor Kurukshetra University Department of Geophysics Kurukshetra - 136 119 Haryana	29.32	36
2264	Paleopedological, sedimentological and thermochronological records of climate change and tectonics during the evolution of Siwalik succession, Punjab re-entrant	MOES-R&DEAS	Suresh,N., Dr. (M) Wadia Institute of Himalayan Geology 33 GMS Road Dehradun - 248 001 Uttarakhand	10.39	36
2265	Paleopedological, sedimentological and thermochronological records of climate change and tectonics during the evolution of Siwalik succession, Punjab re-entrant	MOES-R&DEAS	Kumar,R., Dr. (M) Scientist G Wadia Institute of Himalayan Geology 33, GMS Road Dehradun - 248 001 Uttarakhand	10.39	36
2266	Petrogenesis of the ultramafic-mafic rock suites of the Sargur supracrustal belt in the western Dharwar craton, southern India: Significance to the archean crustal evolution	MOES-R&DEAS	Anand,R., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Department of Applied Geology Dhanbad - 826 004 Jharkhand	59.60	36
2267	Precambrian crustal evolution of the Aravalli-Delhi Mobile belt, NW India: Constraints from the combined insitu zircon U-Pb and Hf isotope record from metasedimentary rocks and the associated granitoids	MOES-R&DEAS	Kaur,P., Dr. (M) Panjab University Centre of Advanced Study in Geology Chandigarh - 160 014 Chandigarh	42.26	36
2268	Response of land surface processes on simulation of Indian summer monsoon by COAST, Amity University, Rajasthan	MOES-R&DEAS	Raju,P.V.S., Dr. (M) Professor Amity University Centre for Ocean Atmospheric Science Technology, NH-11C, Kant Kalwar Jaipur - 303 002 Rajasthan	28.85	36
2269	Role of mantle flow in affecting the dynamics of the Indian plate	MOES-R&DEAS	Ghosh,A., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	12.10	24
2270	Seismic structure, Lithospheric deformation and seismicity of the Indian plate in Sikkim Himalaya	MOES-R&DEAS	Singh,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	353.50	36
2271	Strong motion seismometry in Darjeeling-Sikkim Himalaya: Comprehensive maintenance for round- the clock seismic monitoring by the 10 station DSSMA and enriching ground motion database for relooking into seismic source ..	MOES-R&DEAS	Nath,S.K., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	27.41	36
2272	Structure style and rates of deformation along the Himalayan Frontal Thrust (HFT) zone, northest Himalaya using an integrated geophysical and geological approach: Implications for seismic hazard scenario	MOES-R&DEAS	Gayatri,P.K., Dr. (M) Institute of Seismological Research Raisan Gandhinagar - 382 009 Gujarat	38.34	36
2273	Studies on the bio-geochemistry of mud banks in southwest coast of India and its implications on climate change, phase -1 Continuous bio-geochemical monitoring	MOES-R&DEAS	Kumar,G.T.R., Dr. (M) Scientist CSIR-National Institute of Oceanography Regional Centre- Kochi High Court Junction, Abraham Madamakkal Road Ernakulam - 682 018 Kerala	2.43	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2274	Study of seismic failure possibilities of earthen dams and embankments by dynamic and response analysis using finite element method	MOES-R&DEAS	Nandi,N., Dr. (M) Indian Institute of Engineering Science & Technology Shibpur Howrah - 711 103 West Bengal	36.90	24
2275	Systematic, phylogeny, life history traits, distribution and stock assessment of cutlass fishes and snake mackerels occurring in India waters	MOES-R&DEAS	Sajeevan,M.K., Dr. (M) Associate Professor Kerala University of Fisheries & Ocean Studies Panangad Road, Madavana Junction Kochi - 682 506 Kerala	0.90	48
2276	Tectono-thermal evolution of the Karakorum migmatites along Shyok and Tangtse valleys, India: Implications on the tectonics of Karakorum region	MOES-R&DEAS	Sachan,H.K., Dr. (M) Scientist F Wadia Institute of Himalayan Geology 33, GMS Road Dehradun - 248 001 Uttarakhand	24.08	36
2277	Tracing the precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their ..	MOES-R&DEAS	Kumar,S., Dr. (M) Professor & Coordinator Kumaun University Centre of Advanced Study in Geology Nainital - 263 002 Uttarakhand	85.07	60
2278	Unrevealing the true magnitude of the paleocene-Eocene carbon Isotope Excursion from equatorial marginal marine carbonate succession of NE India	MOES-R&DEAS	Bera,M.K., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Geology and Geophysics Kharagpur - 721 302 West Bengal	12.65	36
Total Cost of 264 Projects Under: Earth Sciences				9,436.51	

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2279	5G technology-driven IOT applications for smart eco sustainable system	AICTE-RP	Balasubramaniyan,B., Dr. (M) Panimalar Engineering College Bangalore Trunk Road, Nazarethpet, Varadharajapuram, Poonamallee Chennai - 600 123 Tamil Nadu	10.00	36
2280	A comparative study of material health care of different districts of Assam & strategies for improvement	AICTE-RP	Kashyap,M.P., Mr. (M) Northern Eastern Regional Institute of Management Padmanath, Sarmah Bhawan, Khanapara Guwahati - 781 022 Assam	6.00	36
2281	A novel chemical gas enhanced oil recovery process for candidate reseroirs of upper Assam basin	AICTE-RP	Phukan,R., Mr. (M) Dibrugarh University P.O. Rajabheta Dibrugarh - 786 004 Assam	12.00	36
2282	A smart & eco-friendly waste collection & management system based on internet of thing for an urban India	AICTE-RP	Pawar,A., Dr. (M) Sanjivani College of Engineering Sanjivani Rural Education Society's, AT: Sahajanand Nagar Post, Shingnapur Kopargaon - 423 603 Maharashtra	10.79	36
2283	A study on response of geocell reinforced soil foundation under static & cyclic loading	AICTE-RP	Das,U.K., Mr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	20.75	36
2284	An IOT based novel approach to test quality of water for drinking & irrigation	AICTE-RP	Ganatra,A., Dr. (M) Chandubhai S. Patel Institute of Technology Education Campus, District Anand Changa - 388 421 Gujarat	7.96	36
2285	Approaches to enhance security & privacy in FOG computing-based web of medical things	AICTE-RP	Kumarasamy,A.K., Dr. (F) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	11.80	36
2286	Assessment of the potential for river bank filtration in the state of Odhisha	AICTE-RP	Dash,R.R., Dr. (M) Veer Surendra Sai University of Technology Burla Sambalpur - 768 018 Odisha	10.00	36
2287	Augmentative & alternative communication system for persons with neurodegenerative disease	AICTE-RP	Shanmugam,A., Dr. (F) Sri Ramakrishna Institute of Technology Pachapalayam, Perur, Chettipalayam Coimbatore - 641 010 Tamil Nadu	14.75	36
2288	Augmented Reality (AR) using Natural User Interface (NUI) based physical therapy rehabilitation framework with Mobile Decision Support System (MDSS)	AICTE-RP	Shankar,S., Dr. (M) Hindustan College of Engineering & Technology Othakkalmandapam Village Coimbatore - 641 032 Tamil Nadu	5.74	36
2289	Automatic assessment & reconstruction of disfluent speech	AICTE-RP	Palanivelan,M., Dr. (M) Rajalakshmi Engineering College Rajalakshmi Nagar, Thandalam Chennai - 602 105 Tamil Nadu	15.19	36
2290	Automatic clustering of satellite imagery using quantum inspired metaheuristics	AICTE-RP	Bhattacharyya,S., Dr. (M) R.C.C. Institute of Information Technology Canal South Road, Beliaghata Kolkata - 700 015 West Bengal	8.08	36
2291	Big data use in health care applications	AICTE-RP	Sharma,S., Dr. (M) Rungta College of Engineering & Technology Rungta Educational Campus, Kohka Road, Kurud Bhilai - 490 024 Chhattisgarh	6.88	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2292	Bio chip-sensor design & implementation for health care & food processing application	AICTE-RP	Das,K., Dr. (M) Narula Institute of Technology 81, Nilgunj Road, Agarpara Kolkata - 700 109 West Bengal	12.53	36
2293	Carbon sequestration using anoxygenic photo auto trophic bacteria: Potential exploitation climate change mitigation	AICTE-RP	Chintalapati,S., Dr. (F) Jawaharlal Nehru Technological University JNTUH Insitute of Science & Technology, Kukatpally Hyderabad - 500 085 Telangana	10.00	36
2294	Catelitic conversion of biomass derived 2, 5 - Dimethyl furan to value added petro chemical p-xylene	AICTE-RP	Kataki,R., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	23.00	36
2295	Computational investigation of low-dimensional materials for tunnel junction devices	AICTE-RP	Sharma,B., Dr. (M) Sikkim Manipal University Majitar, East Sikkim Rangpo - 737 136 Sikkim	21.60	36
2296	Deep Bio-medical Image Retrieval (DBIR) system	AICTE-RP	Gonde,A., Dr. (M) Shri Guru Gobind Singhji Institute of Engineering & Technology Vishnupuri Nanded - 431 606 Maharashtra	8.00	36
2297	Deep learning models for high risk disease prognosis prediction using diagnostic histories	AICTE-RP	Krishnamurthy,S., Dr. (F) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	5.00	36
2298	Design & development of a novel rapid detection tool for lymphatic filariasis	AICTE-RP	Vishal,A.L., Dr. (M) Sree Sastha Institute of Engineering & Technology Chennai-Bangalore Highway, Chembarambakkam, Tiruvallur Chennai - 600 123 Tamil Nadu	12.22	36
2299	Design & development of a prototype model for smart environment	AICTE-RP	Deka,V., Mr. (M) Gauhati University Institute of Science & Technology Gopinath Bardoloi Nagar, Jalukbari Guwahati - 781 014 Assam	5.45	36
2300	Design & development of a smart farming system to estimate the value of chlorophyll & nitrogen for the tea plant in Assam	AICTE-RP	Barman,U., Dr. (M) Girijananda Chowdhury Institute of Management & Technology Azara, Hatkhowapara Guwahati - 781 017 Assam	6.66	36
2301	Design & development of an all-purpose smart biogas reactor for household applications	AICTE-RP	Baruah,D., Dr. (M) Tezpur University Napaam Tezpur - 784 028 Assam	11.00	36
2302	Design & development of ANN based static var compensator to improve the transiet stability of the grid connected distributed	AICTE-RP	Elango,S., Dr. (M) Coimbatore Institute of Technology Civil Aerodrome Post Coimbatore - 641 014 Tamil Nadu	21.12	36
2303	Design & development of battery thermal management system for electric vehicles	AICTE-RP	Ramakant,N.M., Dr. (M) College of Engineering Wellesely Road, Shivaji Nagar Pune - 411 005 Maharashtra	24.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2304	Design & development of electrics vehicles	AICTE-RP	Ushakumari,S., Dr. (F) College of Engineering Sreekaryam Thiruvananthapuram - 695 016 Kerala	25.00	36
2305	Design & development of high performance incipient fault detector for Permanent Magnet Synchronous Motor (PMSM)	AICTE-RP	Khan,Z.J., Dr. (M) Rajiv Gandhi College of Engineering, Research & Technology Ballarpur Road, Babupeth Chandrapur - 442 403 Maharashtra	12.00	36
2306	Design & development of photonic plasmonic biosensor for detection of heavy metals in ground water of Punjab	AICTE-RP	Singh,S., Prof. (M) Sant Longowal Institute of Engineering & Technology Longowal - 148 106 Punjab	25.00	36
2307	Design & implementation of low cost hybrid aquaponics system	AICTE-RP	Roy,S., Mr. (M) Tezpur University Napaam,Sonitpur Tezpur - 784 028 Assam	21.86	36
2308	Design of an automated tool for detection & verification of purity of Assam silk	AICTE-RP	Gogoi,M., Dr. (F) Girijananda Chowdhury Institute of Management & Technology Azara, Hatkhowapara Guwahati - 781 017 Assam	4.65	36
2309	Design of MIMO hardware platform to implement software defined radio for 4G/5G	AICTE-RP	Makkena,M., Mrs. (F) JNTUH College of Engineering Kukatpally Hyderabad - 500 085 Telangana	12.50	36
2310	Design, development & performance testing of solar dryer for drying of Garcinia pedunculata with thermal energy storage	AICTE-RP	Dutta,P.P., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	17.50	36
2311	Design, development & testing of a batch type green tea leaves steamer & dryer	AICTE-RP	Rabha,D.K., Dr. (M) Jorhat Engineering College Garmur Jorhat - 785 007 Assam	23.00	36
2312	Determination of most efficient pattern of pro-sitation measure for alluvial rivers	AICTE-RP	Talukdar,B., Dr. (M) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	21.18	36
2313	Determination of non-linear inductance of three-phase induction motor	AICTE-RP	Ansari,M.N., Mr. (M) Sikkim Manipal University Majitar, East Sikkim Rangpo - 737 136 Sikkim	13.70	36
2314	Developing a language translation engine for book conversion from foreign to native language in the field of science & technology based on cloud virtual dictionary using deep neural network	AICTE-RP	Anitha,R., Dr. (F) Sri Venkateswara College of Engineering Post Bag No. 3, Pennalur, Sriperumbudur Chennai - 602 105 Tamil Nadu	9.73	36
2315	Developing sustainable substitutes for plastic carry bags & packaging materials	AICTE-RP	Baishya,R., Dr. (M) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	25.00	36
2316	Development & implementation of signal processing Algorithm to enhance the subconscious controllability of prosthetic ARM using EMG signal	AICTE-RP	Rajeswari,K., Dr. (F) Thiagarajar College of Engineering Tiruparankundram Madurai - 625 015 Tamil Nadu	10.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2317	Development of compact C-band dual shaped graded index lens - array antenna	AICTE-RP	Ravishankar,S., Dr. (M) R.V. College of Engineering R.V. Vidyanketan Post, Mysore Road Bengaluru - 560 059 Karnataka	13.89	36
2318	Development of fault identification system for water turbine making use of vibration signal & artificial intelligence	AICTE-RP	Kumar,R., Dr. (M) Sant Longowal Institute of Engineering & Technology District Sangrur Longowal - 148 106 Punjab	17.00	36
2319	Development of Fluidized Bed-Hot Abrasive Jet Machining (FB-HAJM) for micro machining	AICTE-RP	Dhupal,D., Prof. (M) Veer Surendra Sai University of Technology Burla Sambalpur - 768 018 Odisha	25.00	36
2320	Development of optimum front for time cost trade-off in construction projects	AICTE-RP	Trivedi,M.K., Mr. (M) Madhav Institute of Technology & Science P.O. Residency, Gola Ka Mandir Gwalior - 474 005 Madhya Pradesh	11.00	36
2321	Economic sustance, quality of life & women empowerment - A study of rural Assam	AICTE-RP	Deb,N., Dr. (F) Girijananda Chowdhury Institute of Management & Technology N.H. 37, Hatkhwapara, Azara Guwahati - 781 017 Assam	10.97	36
2322	Effect of flooding on lateritic embankments resting on soft soils	AICTE-RP	Jayashree,P.K., Dr. (M) College of Engineering P.O. Sreekaryam Thiruvananthapuram - 695 016 Kerala	20.00	36
2323	Efficiency & reliability improvement of traction inverter in an electric vehicle	AICTE-RP	Jiji,K.S., Dr. (M) Government Engineering College Thrissur - 680 009 Kerala	23.00	36
2324	Ergonomic design & performance evaluation of self-propelled multipurpose weeder suitable to northeast hilly agriculture	AICTE-RP	Patel,T., Mr. (M) North Eastern Regional Institute of Sciences & Technology P.O. Nirjuli Itanagar - 791 109 Arunachal Pradesh	2.23	36
2325	Evaluating the effect of harsh environment on performance of concrete structures	AICTE-RP	Bhadoria,S., Dr. (M) University Institute of Technology Narsingharh Bypass Road, Gandhi Nagar Bhopal - 462 033 Madhya Pradesh	17.88	36
2326	Experimental & numerical investigation of shock wave propagation at microscales	AICTE-RP	Deshpande,A.V., Dr. (M) Veermata Jijabai Technological Institute H.R. Mahajani Marg,Matunga Mumbai - 400 019 Maharashtra	24.00	36
2327	Fabrication characterization & modeling of CNT based high dielectric enzymatic field effect crearinine biosensor (CNT-C-ENFET)	AICTE-RP	Dutta,J.C., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	25.00	36
2328	Feasibility of developing sustainable & ecofriendly industrial lubricant from vegetable oil	AICTE-RP	Rani,S., Dr. (F) College of Engineering P.O. Sreekaryam Thiruvananthapuram - 695 016 Kerala	21.00	36
2329	Formability study of Austenitic Stainless Tell (316 Grade) at higher temperatures & development of redrawing facility in warm conditons of high strength materials	AICTE-RP	Singh,S.K., Dr. (M) Gokaraju Rangaraju Institute of Engineering & Technology Bachupally, Kukatapally Hyderabad - 500 090 Telangana	17.70	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2330	Gas dynamics & propulsion research lab.	AICTE-RP	Suryan,A., Dr. (M) College of Engineering P.O. Sreekaryam Thiruvananthapuram - 695 016 Kerala	25.00	36
2331	Hydrological study in the catchments of western ghats with impetus on groundwater system	AICTE-RP	Javeed,Y., Dr. (M) National Institute of Engineering Manandavadi Road Mysore - 570 008 Karnataka	6.40	36
2332	Identification of cyber criminals & prevention of cyber using advanced cyber forensics tools	AICTE-RP	Ramaraj,R., Dr. (M) Francis Xavier Engineering College 103, G2, By Pass Road, Vannarpettai Tirunelveli - 627 003 Tamil Nadu	16.74	36
2333	Impact of active reminders on medication adherence	AICTE-RP	Jha,A., Dr. (M) Sikkim Manipal University Majitar Gangtok - 737 136 Sikkim	7.60	36
2334	Implementation of deep learning based secured gateway for the Internet Of Medical Things (IOMT) using FPGA	AICTE-RP	Tamilselvan,S., Dr. (M) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	13.32	36
2335	Implementation of optica biosensor using nano TIQ2 material	AICTE-RP	Maity,S., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	221.00	36
2336	Installation, operation & process parameter optimization of Flexible Manufacturing System (FMS)/ Computer Integrated Manufacturing (CIM) for green manufacturing of micro-components	AICTE-RP	Nayak,N., Dr. (M) Indira Gandhi Institute of Technology Sarang - 759 146 Odisha	15.92	36
2337	Investigation on impact resistance of patch repaired aluminium - GFRP hybrid laminate using nano filler dispersed epoxy resin	AICTE-RP	Selladurai,V., Dr. (M) Coimbatore Institute of Technology Post Civil Aerodrome Coimbatore - 641 014 Tamil Nadu	21.00	36
2338	Investigation on structural wall with phase change material incorporated concrete	AICTE-RP	Srisanthi,V.G., Dr. (M) Coimbatore Institute of Technology Post Civil Aerodrome Coimbatore - 641 014 Tamil Nadu	6.90	36
2339	Investigation on the role of artificial intelligence for radio resource management in 5G wireless network	AICTE-RP	Sandalakshmi,R., Ms. (F) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	19.40	36
2340	Iron removal from various drinking water sources by surface modified nano zero valent iron	AICTE-RP	Meera,V., Dr. (F) Government Engineering College Thrissur - 680 009 Kerala	4.60	36
2341	Machine intelligence & analytical pipeline for social network analysis	AICTE-RP	Bhirud,S., Dr. (M) Veermata Jijabai Technological Institute H.R. Mahajani Marg, Matunga Mumbai - 400 019 Maharashtra	11.76	36
2342	Mathematical model for the treatment of blended (Dairy & distillery) industrial wastewater using Electrolysis Enhanced Up-flow Anaerobic Sludge Blanket reactor (EE-UASB)	AICTE-RP	Mise,S., Mr. (M) P.D.A. College of Engineering Aiwan-E-Shahi Area, Station Road Gulbarga - 585 102 Karnataka	17.64	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2343	Medical image processing	AICTE-RP	Wadhvani,A.K., Dr. (M) Madhav Institute of Technology & Science P.O. Residency, Gola Ka Mandir Gwalior - 474 005 Madhya Pradesh	21.75	36
2344	Methods for the automatic generation of attribute profiles form hyperspectral data	AICTE-RP	Patra,S., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	17.10	36
2345	Mix design, field performance & long-term permeability prediction of previous concrete as a sustainable construction material	AICTE-RP	Ramakrishna,G., Dr. (M) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	18.00	36
2346	Multi phase flow analysis in heat transfer	AICTE-RP	Roul,M., Dr. (M) Gandhi Institute for Technological Advancement AT: Badaraghunathpur, P.O.: Madanpur, Via: Jaanla Bhubaneswar - 752 054 Odisha	15.00	36
2347	Network analytics for user performance management, using machine learning & data analytics	AICTE-RP	Taggu,A., Mr. (M) North Eastern Regional Institute of Sciences & Technology Nirjuli Itanagar - 791 109 Arunachal Pradesh	12.71	36
2348	Non-thermal pulsed-light processing of fresh-cut fruits of NE-India: A novel hurdle approach for predicting enhanced shelf-life & nutritional quality	AICTE-RP	Srivastava,B., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	25.00	36
2349	On ensuring routing security for a class of intermittently connected wireless multi-hop network	AICTE-RP	Paul,A.B., Ms. (F) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	8.10	36
2350	Optimal robotuic path planning in dynamic environments using soft computing techniques	AICTE-RP	Saleem,A.P.K., Dr. (M) Government Engineering College Thrissur - 680 009 Kerala	14.90	36
2351	Performance analysis of a single pass photovoltaic thermal system with compound parabolic solar collector	AICTE-RP	Gulhane,N.P., Dr. (M) Veermata Jijabai Technological Institute H.R. Mahajani Marg, Matunga Mumbai - 400 019 Maharashtra	20.00	36
2352	Performance evaluation of automated rotary compression pipe bending mechanism	AICTE-RP	Kale,A., Mr. (M) Yashwantrao Chavan College of Engineering Wanadongri, Hingna Road Nagpur - 441 110 Maharashtra	16.47	36
2353	Sebot-securing billions of things	AICTE-RP	Dutta,M., Dr. (M) National Institute of Technical Teachers Training & Research Sector 26 Chandigarh - 160 019 Chandigarh	14.82	36
2354	Seismic vulnerability of traditional stilted houses in flood planes of Assam	AICTE-RP	Dutta,A.K., Dr. (M) Jorhat Engineering College Garmur Jorhat - 785 007 Assam	6.90	36
2355	Sliding mode control: Applications in electric vehicles	AICTE-RP	Jasmine,E.A., Dr. (F) Government Engineering College Thrissur - 680 009 Kerala	5.20	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2356	Smart air quality monitoring & forecasting system	AICTE-RP	Rathi,S., Dr. (M) Government College of Technology Thadagam Road Coimbatore - 641 013 Tamil Nadu	6.44	36
2357	Smart monitoring of turmeric crop: A cyber physical system architecture in the field of precision agriculture	AICTE-RP	Chinnappan,R., Dr. (M) K.S. Rangasamy College of Technology K.S.R. Kalvi Nagar, Thokkavadi Tiruchengode - 637 215 Tamil Nadu	9.41	36
2358	Smart reinforced concrete BAM - Column joint for sustainable behaviour	AICTE-RP	Kothandaraman,S., Dr. (M) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	14.35	36
2359	Solar green house drying system for the production of 'No-Cooking' rice from Assam & product quality modeling during storage	AICTE-RP	Hazarika,M.K., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	25.00	36
2360	Strengthening of concrete columns using textile reinforced engineering geopolymer composites	AICTE-RP	Girija,K., Dr. (F) College of Engineering P.O. Sreekaryam Thiruvananthapuram - 695 016 Kerala	24.94	36
2361	Study of the behaviour of foundation during the earthquake using shake table	AICTE-RP	Nath,U.K., Dr. (M) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	24.20	36
2362	Study on sustainable modular bituminous pavement	AICTE-RP	Padmakumar,R., Dr. (M) College of Engineering P.O. Sreekaryam Thiruvananthapuram - 695 016 Kerala	24.12	36
2363	Study on the corrosion assessment & mitigation methods for concrete infrastructures	AICTE-RP	Kumar,K., Dr. (M) Nagarjuna College of Engineering & Technology Mudugurki Venkatagiri Kot Devanahalli Bengaluru - 562 110 Karnataka	17.05	36
2364	Surfactant assisted CO2 EOR process for the depleting of oil fields of upper Assam basin	AICTE-RP	Gogoi,S.B., Dr. (M) Dibrugarh University P.O. Rajabhetta Dibrugarh - 786 004 Assam	25.00	36
2365	Sustainable lean technologies/practices for houses & road using green smart materials	AICTE-RP	Ingole,N., Dr. (M) Prof. Ram Megha Institute of Technology & Research Anjangaon Bari Road, Badnera Amravati - 444 701 Maharashtra	14.94	36
2366	Swarm intelligence based framework for image segmentation of knee MRI images for detection of Osteoarthritis	AICTE-RP	Agrawal,S., Dr. (F) University Institute of Technology Narsinghgarh Bypass Road, Gandhi Nagar Bhopal - 462 033 Madhya Pradesh	10.35	36
2367	Synthesis, characterization, stability & thermal conductivity characteristics of nanofluid for advanced heat transfer applications in heat exchanger	AICTE-RP	Parashar,S.K., Dr. (M) Kalinga Institute of Industrial Technology University AT/PO Patia, Khordha Bhubaneswar - 751 024 Odisha	20.39	36
2368	To build & deploy a prototype of the Smart City Nerve Centre (SCNC) in the state of J&K	AICTE-RP	Gupta,A., Dr. (M) Model Institute of Engineering & Technology Kot Bhalwal Jammu - 180 001 Jammu & Kashmir	10.72	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2369	To study the coal characteristics of north-eastern coals for estimation of gas content with in coals seams & storage capacity of coal	AICTE-RP	Banik,P., Mr. (M) Dibrugarh University P.O. Rajabheta Dibrugarh - 786 004 Assam	5.50	36
2370	To study the coal characteristics of north-eastern coals for estimation of gas content with in coals seams & storage capacity of coal	AICTE-RP	Das,M., Prof. (M) Dibrugarh University P.O. Rajabheta Dibrugarh - 786 004 Assam	5.50	36
2371	Transformer condition monitoring using optical sensor	AICTE-RP	Mahanta,D.K., Dr. (M) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	24.84	36
2372	Ultrasound assisted rapid immobilization of pectinase on solid support for juice clarification	AICTE-RP	Sit,N., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	21.10	36
2373	Utilization of lime-mud as soil-stabilizer	AICTE-RP	Borah,S., Dr. (M) Assam Engineering College Jalukbari, Kamrup (Metro) Guwahati - 781 013 Assam	14.50	36
2374	Chromogenic and chromo-fluorogenic selective sensors for toxic ions (metals and anions): Synthesis,characterization and applications	CSIR-GS	Guchhait,N., Dr. (M) Calcutta University Department of Chemistry Kolkata - 700 009 West Bengal	9.30	36
2375	Coordination frameworks for solar energy conversion	CSIR-GS	Chandiran,A.K., Dr. (M) Indian Institute of Technology (Madras) Department of Chemical Engineering Chennai - 600 036 Tamil Nadu	19.32	36
2376	Development of dual-wavelength photodetectors based on III-nitride materials for biomedical sensing	CSIR-GS	Bhattacharyya,A., Dr. (M) Calcutta University Institute of Radio Physics & Electicity Kolkata - 700 009 West Bengal	14.00	36
2377	Development of realistic models of disordered nanoporous carbons using Hybrid Reverse Monte Carlo (HRMC) Method: Implications on adsorption and transport properties of confined polar and non-polar fluid molecules	CSIR-GS	Khan,S., Dr. (M) Indian Institute of Technology (Patna) Department of Chemistry & Biochemistry Engineering Patna - 801 103 Bihar	9.35	36
2378	Development of stochastic multiscale framework based on microstructural features for predicting the bulk response of heterogeneous materials	CSIR-GS	Singh,I.V., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mechanical & Industrial Engineering Roorkee - 247 667 Uttarakhand	13.54	36
2379	Economic construction practice using bacterial inclusions in concrete to improve its durability	CSIR-GS	Kar,A., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Civil Engineering Hyderabad - 500 078 Telangana	14.24	36
2380	Experimental investigations and modelling of magnetic field assisted near dry EDM & magnetic field assisted powder mixed EDM processes	CSIR-GS	Pandey,P.M., Prof. (M) Indian Institute of Technology (Delhi) Department of Mechanical Engineering New Delhi - 110 016 Delhi	19.96	36
2381	Heat resistant weld joints of dissimilar steels for thermal power plants	CSIR-GS	Dwivedi,D.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mechanical & Industrial Engineering Roorkee - 247 667 Uttarakhand	22.96	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2382	Molecular dynamics based atomistic simulations to investigate the feasibility of defective graphene and H-Bn nanosheets for desalination	CSIR-GS	Parashar,A., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mechanical & Industrial Engineering Roorkee - 247 667 Uttarakhand	16.96	36
2383	Nanomaterials for high stable and efficiency inorganic-organic perovskite-perovskite tandem solar cells	CSIR-GS	Kumar,A., Dr. (M) National Institute of Technology (Kurukshetra) Department of Physics Kurukshetra - 136 119 Haryana	20.04	36
2384	Performance analysis of diffusion-based molecular communication systems with active receivers	CSIR-GS	Upadhyay,P.K., Dr. (M) Indian Institute of Technology (Indore) Disadvantages of Electrical Engineering Indore - 453 552 Madhya Pradesh	10.24	36
2385	Prototype of aqueous flexible lithium ion batteries employing nanomaterials of cathode and anode	CSIR-GS	Harinipriya,S., Dr. (F) S.R.M. University S.R.M. Research Institute Kattankulathur - 603 203 Tamil Nadu	20.32	36
2386	Quantum transport equation based next generation compact models	CSIR-GS	Mahapatra,S., Prof. (M) Indian Institute of Science Department of Electrical System Engineering Bengaluru - 560 012 Karnataka	13.00	36
2387	Robust optimum design of structures under extreme loading considering parameter uncertainty	CSIR-GS	Bhattacharjya,S., Dr. (M) Indian Institute of Engineering Science & Technology Department of Civil Engineering Howrah - 711 103 West Bengal	7.89	36
2388	Thermo-chemical treatment on porous titanium and its tribo-corrosion property evaluation for orthopedic application	CSIR-GS	Majumdar,J.D., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Metallurgical & Materials Engineering Kharagpur - 721 302 West Bengal	20.46	36
2389	Use of nano carbon black in the development of low carbon containing alumina-carbon refractories	CSIR-GS	Sarkar,R., Prof. (M) National Institute of Technology (Rourkela) Department of Ceramic Engineering Rourkela - 769 008 Odisha	15.32	36
2390	Utilization of sea beach minerals for development of high performance aluminium matrix composites	CSIR-GS	Pandey,O.P., Dr. (M) Thapar University School of Physics & Mathematic Science Patiala - 147 004 Punjab	17.46	36
2391	Development & field trial of 500 T capacity SAGES-III for use with continuous miners	DOC-S&T	Singh,U.K., Dr. (M) Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	396.69	30
2392	An experimental study to investigate the effect of shears on the stability & transition of the boundary layer streaks	DRDO-AR&DB	Mandal,A.C., Dr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Aerospece Engineering Kanpur - 208 016 Uttar Pradesh	21.64	24
2393	Development of non-flammable hydrogen using selected inhibitors & study of its lifting ability (Phase - 1.5)	DRDO-AR&DB	Kulkarni,P.S., Dr. (M) Assistant Professor Defence Institute of Advanced Technology Department of Applied Chemistry Pune - 411 025 Maharashtra	14.27	12
2394	High performance Math co-processor for aeronautical applications	DRDO-AR&DB	Nagamani,A.N., Mr. (M) Associate Professor P.E.S. Institute of Technology Department of Electronics & Communication Engineering Bengaluru - 560 085 Karnataka	15.30	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2395	Investigation of microwave absorbing behavior of polypyrrole-ferrite-CaCu ₃ Ti ₄ O ₁₂ nanocomposites for aerospace applications	DRDO-AR&DB	Singh,D.P., Dr. (M) Associate Professor Thapar University Patiala - 147 004 Punjab	9.13	18
2396	Numerical & experimental study on enhancement of structural responses of damaged composite laminates using piezoelectric patches	DRDO-AR&DB	Sreehari,V.M., Dr. (M) Sr. Assistant Professor SASTRA University School of Mechanical Engineering Thanjavur - 613 401 Tamil Nadu	9.09	24
2397	Sensing CO, NO ₂ & NO with plasmonic materials for high temperature applications	DRDO-AR&DB	Dharmalingam,G., Dr. (M) Assistant Professor P.S.G. Institute of Advanced Studies Coimbatore - 641 004 Tamil Nadu	27.77	36
2398	Stochastic multi-scale failure analysis of composites	DRDO-AR&DB	Dey,S., Dr. (M) Assistant Professor National Institute of Technology (Silchar) Department of Mechanical Engineering Silchar - 781 039 Assam	11.55	24
2399	Synthesis & study of the behavior of monolayer & multilayer AMO ₃ (where A=Ba, Ca, Sr & M=Ge, Sn) perovskite thin films for applications as transparent conducting oxides	DRDO-AR&DB	Ashok,A.M., Dr. (M) Associate Professor P.S.G. Institute of Advanced Studies Department of Material Science Coimbatore - 641 004 Tamil Nadu	26.85	36
2400	A proof of concept: Design of master controller for assisting the fire rescul team with optimal path guidance in human detection	DRDO-ARRB	Fred,L., Dr. (M) Mar Ephraem College of Engineering & Technology Elavuvillai Marthandam - 629 171 Tamil Nadu	15.56	36
2401	Computational modeling of energetic materials subjected to thermal & mechanical insults using material point method	DRDO-ARRB	Gaurav, Dr. (M) Indian Institute of Technology (Gandhinagar) Palaj Gandhinagar - 382 355 Gujarat	37.48	36
2402	Design & development of laser seeker	DRDO-ARRB	Sarkar,M., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	309.78	18
2403	Design of novel fluorinating reagent: Application in synthesis of fluoro organic molecules	DRDO-ARRB	Verma,A.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	39.35	36
2404	Development & characterization of differently woven Carbon-Kelvar hybrid composite with their modeling & ananalysis	DRDO-ARRB	Mali,H.S., Dr. (M) Malaviya National Institute of Technology Jaipur - 302 001 Rajasthan	35.76	36
2405	Development of hybrid supercapacitors with graphene & pseudo capacitance based electrodes	DRDO-ARRB	Seema,A., Dr. (F) Centre for Materials for Electronics Technology (C-MET) Thrissur - 680 581 Kerala	53.12	36
2406	Development of insensitive high energy materials containing heterocyclic backbone substituted with Amino azido & Nitro explosophores	DRDO-ARRB	Ghule,B., Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	36.36	36
2407	Development of manufacturing process for the preparation of hydroxyl-tenninated butadiene oligomer	DRDO-ARRB	Wadgaonkar,P.P., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	88.11	18
2408	Development of pyrotechnic metal ceramic composite material for 'Smart Flare' as IR counter measure	DRDO-ARRB	Ray,S., Dr. (F) Associate Professor Rabindernath Tagore University Bhopal - 464 993 Madhya Pradesh	27.15	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2409	Microwave sintering of particulate reinforced tungsten heavy alloy composites for Defence applications	DRDO-ARRB	Annamalai,A.R., Dr. (M) Vellore Institute of Technology University Centre for Innovative Manufacturing Research Vellore - 632 104 Tamil Nadu	17.22	36
2410	Non local approach to modeling damage in quasi brittle material under blast & ballistic loads	DRDO-ARRB	Rajagopal,A., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	30.60	36
2411	Optimizing the ballistic performance of AA7075 thick plate friction stir welds	DRDO-ARRB	Rao,S.R.K., Dr. (M) S.S.N. College of Engineering Kalavakkam - 603 110 Tamil Nadu	18.79	36
2412	Simulation assisted ADR for digital X-ray image analysis for missile components	DRDO-ARRB	Balasubramanian,K., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	71.91	24
2413	Study of Ti doped glass for lasers in armament applications	DRDO-ARRB	Raheja,S., Dr. (F) Apeejay Satya University Gurgaon - 122 103 Haryana	18.03	36
2414	Synthesis & characterization of ceramic metal	DRDO-ARRB	Kumar,P., Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	34.51	36
2415	To develop cost effective primary lithium battery for Defence applications	DRDO-ARRB	Ballav,N., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	40.78	24
2416	Active radar absorber based on frequency selective surfaces: Active stealth technology	DRDO-ER & IPR	Jha,K.R., Dr. (M) Assistant Professor Shri Mata Vaishno Devi University Katra - 182 320 Jammu & Kashmir	22.87	24
2417	Active steganalysis to extract secrets from low volume payloads	DRDO-ER & IPR	Arivazhagan,S., Dr. (M) Professor Mepco Schlenk Engineering College Virudhunagar Sivakasi - 626 005 Tamil Nadu	32.01	24
2418	Advanced high temperature oxidation resistant titanium aluminide intermetallics with rare earth additions	DRDO-ER & IPR	Reddy,G.S., Dr. (M) Professor Sreenidhi Institute of Science & Technology Hyderabad - 500 301 Telangana	47.13	36
2419	Ageing studies & estimation of thermal properties of liner materials	DRDO-ER & IPR	Maiti,P., Prof. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	156.85	24
2420	Analysis & application of nano thermal barrier coatings to reduce heat rejection of heavy duty diesel engine	DRDO-ER & IPR	Sakthinathan,G., Dr. (M) Associate Professor Anna University Chennai - 600 044 Tamil Nadu	234.62	36
2421	Applied design studies on HPM oscillator-MILO	DRDO-ER & IPR	Jain,P.K., Dr. (M) Professor National Institute of Technology (Patna) Patna - 800 005 Bihar	90.68	36
2422	Defining developments in microstructure & residual stresses in bulb bar manufacturing: A combined physical & numerical simulation approach	DRDO-ER & IPR	Karagadde,S., Mr. (M) Assistant Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	71.34	36
2423	Design & development of a multi purpose reversible data hiding in wavelet domain for Defense applications	DRDO-ER & IPR	Thanikaiselvan,V., Dr. (M) Associate Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	18.72	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2424	Design & development of dynamic secret key generation schemes for physical layer security	DRDO-ER & IPR	Ramanathan,R., Dr. (M) Assistant Professor Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	22.21	24
2425	Development of diamond coating technology for tribiological performance of components for defence applications	DRDO-ER & IPR	Arunachalam,N., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	298.02	36
2426	Development of fatigue life prediction models of carbon fiber epoxy composites by model testing	DRDO-ER & IPR	Kulkarni,V.V., Dr. (M) Professor Sanjay Godawat Group of Institution District Atigre Kolhapur - 416 118 Maharashtra	26.80	24
2427	Development of high performance materials for various defence related applications	DRDO-ER & IPR	Mitra,R., Dr. (M) Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	442.45	36
2428	Development of materials for sodium-ion-batteries	DRDO-ER & IPR	Raja,V.S., Dr. (M) Chair Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	26.51	24
2429	Development of novel carbon nanotube/polymer nanocomposite materials for EMI applications	DRDO-ER & IPR	Murthy,S.R., Prof. (M) Geethanjali College of Engineering & Technology Keesara Ranga Reddy - 501 301 Telangana	45.81	36
2430	Semantic analysis & opinion mining in the open data-phase-II	DRDO-ER & IPR	Prabakaran,P., Dr. (M) Professor Amrita Vishwa Vidyapeetham Kollam - 690 525 Kerala	647.41	36
2431	Studies on laser-GMA-hybrid welding off maraging steel MDN 250	DRDO-ER & IPR	Arivazhagan,N., Prof. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	19.21	36
2432	Design & development of biosignal controlled hand exoskeleton	DRDO-LSRB	Kavitha,A., Dr. (F) Professor & Head S.S.N. College of Engineering Department of Biomedical Engineering, Rajiv Gandhi, Salai Kalavakkam - 603 110 Tamil Nadu	23.70	24
2433	Design & development of ultrasonic assisted vacuum drying system for food	DRDO-LSRB	Krupashankara,M.S., Dr. (M) Professor R.V. College of Engineering Department of Mechanical Engineering, R.V. Vidyanketan Bengaluru - 560 029 Karnataka	34.37	24
2434	Development of rapid quality monitoring system for wheat flour & its primary milled products	DRDO-LSRB	Yadav,D.N., Dr. (M) Principal Scientist ICAR-Central Institute of Post Harvest Engineering & Technology Ludhiana - 141 004 Punjab	27.86	36
2435	Hybrid ocins for food safety	DRDO-LSRB	Rajagopal,K., Dr. (M) Principal Scientist & Head CSIR-Central Food Technological Research Institute Department of Chemistry & Technology, KSR Road Mysore - 570 020 Karnataka	37.88	36
2436	Mobile Dengue Diagnostic Technology (m-DDT): A smartphone based point-of-care diagnostic device	DRDO-LSRB	Ramamurthy,S.S., Dr. (M) Assistant Professor Sri Sathya Sai Institute of Higher Learning Department of Chemistry, Prasanthi Nilayama, Puttaparthi Anantapur - 515 134 Andhra Pradesh	40.67	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2437	Usability of smartphone to evaluate the efficiency of polyniline based sensor for indication of freshness of fish fillet during chemical spoilage	DRDO-LSRB	Mishra,P., Dr. (F) Assistant Professor Tezpur University Department of Food Engineering & Technology, Napaam Tezpur - 784 028 Assam	22.54	36
2438	Anisotropy engineering & process optimization for the development of advanced magnetic thin materials for field sensing application	DRDO-NRB	Mohanty,J.R., Dr. (M) Assistant Professor Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	33.18	36
2439	Decentralized consensus filtering for underwater target motion analysis	DRDO-NRB	Bhaumik,S., Dr. (M) Assistant Professor Indian Institute of Technology (Patna) Patna - 801 106 Bihar	25.59	36
2440	Deep learned detection & classification of mutiple intrusions using WDM intensity & phase-sensitive OTDR in underwater environment	DRDO-NRB	Mondal,A., Dr. (M) Assistant Professor Indian Institute of Technology (Patna) Patna - 801 106 Bihar	51.20	36
2441	Design, development & characterization of Blue LED & visible laser based underwater communication system for audio & video signals	DRDO-NRB	Gupta,S., Dr. (M) Associate Professor Indian Institute of Technology (Patna) Patna - 801 106 Bihar	23.61	36
2442	Detection of ships & submarines by its wake signature using computational fluid dynamics	DRDO-NRB	Warrior,H., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	47.85	36
2443	Development of a non stationary thermal wave imaging based system for quantitative coating thickness evaluation & subsurface anomaly detection	DRDO-NRB	Subbarao,G.V., Dr. (M) Assistant Professor Koneru Lakshmaiah Education Foundation Vaddeswaram - 522 502 Andhra Pradesh	26.04	36
2444	Development of a system for detection of Bioluminescence	DRDO-NRB	Maurya,P.K., Mr. (M) Senior Scientist CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	28.23	24
2445	Development of environment friendly superior lead-free perovskite piezoelectric for vibration energy harvester & sonar transducer applications with the emphasis on domain engineering	DRDO-NRB	Kambale,R.C., Dr. (M) Assistant Professor Savitribai Phule Pune University Ganeshkhind Road Pune - 411 007 Maharashtra	31.72	36
2446	Development of high strength cast Al-Si alloy based composite reinforced with high entropy alloy particles for naval torpedo applications	DRDO-NRB	Prasad,K.S., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	30.05	36
2447	Development of numerical methods for calculation of hydroelastic responses of ships in extreme sea conditons	DRDO-NRB	Rajendran,S., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	36.18	36
2448	Effect of coating thickness on slurry erosion resistance of thermal spray coatings to be used in components of naval & energy systems	DRDO-NRB	Sapate,S.G., Dr. (M) Professor Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	33.17	24
2449	Environment assisted cracking of naval grade 5059 Al alloy	DRDO-NRB	Chaudhari,G.P., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	33.26	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2450	Evaluation of high cycle fatigue (S-N) behavior of fusion welded butt joints of naval grade steel	DRDO-NRB	Sivaraj,P., Dr. (M) Assistant Professor Annamalai University Parangipettai - 608 002 Tamil Nadu	19.90	36
2451	Fatigue life analysis & study of slurry erosion behavior of quasi-isotropic carbon fiber reinforced composites under the influence of marine environment	DRDO-NRB	Pai,D., Dr. (M) Professor Manipal Institute of Technology Manipal - 576 104 Karnataka	34.03	36
2452	Graphene-silica conjugated epoxy nano compisites for protective coating & repair applications	DRDO-NRB	Thomas,S., Dr. (M) Professor Mahatma Gandhi University Kottayam - 686 560 Kerala	21.46	36
2453	Hydrodynamic design & performance of marine vessels at sea	DRDO-NRB	Bhattacharyya,A., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	46.34	36
2454	Improving damping capacity of cast Nickel Aluminum Bronze (NAB) alloys	DRDO-NRB	De,P.S., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 007 Odisha	19.46	24
2455	Low frequency broadband acoustic mode variability during the Philippine sea deep water experiments	DRDO-NRB	Chandrayadula,T.K., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	27.75	24
2456	Marine forecast visualization system Panorama phase II	DRDO-NRB	Khare,M., Dr. (M) Associate Professor Centre for Development of Advanced Computing (C-DAC) Pune - 411 008 Maharashtra	115.23	24
2457	Modeling of the tide induced & general circulation & sediment motion of estimation of sediment concentration in water column	DRDO-NRB	Murali,K., Dr. (M) Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	62.47	24
2458	Narrow gap welding of 12 mm thick naval steel using tandem gas metal arc welding process	DRDO-NRB	Degala,K.V., Dr. (F) Assistant Professor Indian Institute of Technology (Tirupati) Tirupati - 517 506 Andhra Pradesh	27.27	24
2459	Novel self-healing polymers for high energy density, long cycle life Lithium-ion (Li-ion)/Lithium-Sulfur (Li-S) batteries	DRDO-NRB	Shanmugaraj,A.M., Dr. (M) Associate Professor Vels University Vels Insititute of Science, Technology & Advanced Studies Chennai - 600 117 Tamil Nadu	6.50	12
2460	Online corrosion monitoring in naval structures	DRDO-NRB	Pati,S., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 007 Odisha	32.08	36
2461	Optical wireless communication for underwater data muling & positioning in underwater sensor applications	DRDO-NRB	Prince,S., Dr. (F) Professor S.R.M. University Kattankulathur - 603 203 Tamil Nadu	33.96	36
2462	Polyaniline-metal/non metal oxide composites for antifouling & anticorrosion coating	DRDO-NRB	Athawale,A.A., Dr. (F) Professor Savitribai Phule Pune University Ganeshkhind Road Pune - 411 007 Maharashtra	32.50	36
2463	Reduced graphene oxide supported/metal ion substituted hexagonal ferrite hybrid composites for high performance tunable broad band radar absorption	DRDO-NRB	Kenndey,L.J., Dr. (M) Associate Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.96	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2464	Simulation of ship wake for application in Sonar Signal modeling	DRDO-NRB	Mahapatra,D.R., Dr. (M) Assistant Professor Indian Institute of Science Bengaluru - 560 012 Karnataka	47.58	24
2465	Skin-friction drag reduction through control of the turbulent boundary layer of Axis symmetric bodies	DRDO-NRB	Saha,A.K., Dr. (M) Professor Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	74.34	36
2466	Stress Corrossion Cracking (SCC) evaluation of materials for naval application: New insights from double Cantilever Beam (DCB) technique	DRDO-NRB	Sahu,K.K., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 007 Odisha	18.79	36
2467	Study of hydro-acoustic performance of a DTMB 4119 propeller in non-cavitating regime	DRDO-NRB	Vijayakumar,R., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	30.38	24
2468	Time varying doppler-shift compensation of FBMC - Based shallow underwater acoustic communication systems	DRDO-NRB	Kotipalli,P., Dr. (F) Professor Shri Vishnu Engineering College for Women Vishnupur Bhimavaram - 534 202 Andhra Pradesh	35.31	36
2469	Understanding the effect of steel composition on the Charpy impact toughness of high-strength (1000MPa) naval grade steel	DRDO-NRB	Chakrabarti,D., Dr. (M) Associate Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	39.11	36
2470	Next Generation Data Processor Unit (NGDPU)	DSIR-PACE	Jain,A.K., Mr. (M) Managing Director Rajasthan Electronics & Instruments Limited (REIL) Jaipur - 302 012 Rajasthan	40.00	20
2471	A low cost micro factory with magnetic levitation based actuation for micro machining	DST-AMT	Mandal,S., Mr. (M) Scientist CSIR-Central Mechanical Engineering Research Institute Microsystems Technology Laboratory Durgapur - 713 209 West Bengal	21.00	24
2472	Additive manufacturing of a functionally graded coating for diesel engine piston for environment-friendly application	DST-AMT	Gangopadhyay,S., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Department of Mechanical Engineering Rourkela - 769 008 Odisha	24.90	24
2473	Application specific system level validation & verification platform for analog/mixed signal/RF chips	DST-AMT	Panda,A.K., Dr. (M) Professor National Institute of Science & Technology Palur Hills Berhampur - 761 008 Odisha	49.00	24
2474	Biodegradable polymeric stents: From synthesis of functionalized raw materials to its fabrication using micro-injection moulding process	DST-AMT	Mahajan,D.K., Dr. (M) Assistant Professor Sona College of Technology (Ropar) Department of Mechanical Engineering, Room 322, Academic Block Rupnagar - 140 001 Punjab	47.70	24
2475	Design & development of high performance, carbon quantum dots covered nano composite insulated, eco-friendly, compact high voltage vaccum circuit breaker with magnetic actuator mechanism for railways & metro applications	DST-AMT	Chandrasekar,S., Dr. (M) Professor Sona College of Technology Department of EEE, Sona PERT R&D Centre Salem - 636 005 Tamil Nadu	47.10	24
2476	Design & implementation of industrial IoT smart grid for optimization & automation of manufacturing industries	DST-AMT	Kumar,L.A., Dr. (M) Professor P.S.G. College of Technology Department of Electrical and Electronics Engineering, Peelamedu Coimbatore - 641 004 Tamil Nadu	89.80	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2477	Design, development, manufacture & evaluation of laser cut stent patterns for enhanced performance & life	DST-AMT	Sreekumar,M., Dr. (M) Assistant Professor Indian Institute of Information Technology, Design & Manufacturing Kelambakkam Road, Kancheepuram, Melakottaiyur Chennai - 600 127 Tamil Nadu	48.30	24
2478	Developing novel multi-layer coating of nano silicon nitride & zirconium with surface texture for hip implants to improve biotribological performance & lifespan	DST-AMT	Ramkumar,P., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Department of Mechanical Engeneering, Machine Design Section Chennai - 600 036 Tamil Nadu	49.68	24
2479	Development of a IIOT platform for manufacturing equipments effectiveness	DST-AMT	Tewari,A., Prof. (M) Indian Institute of Technology (Bombay) Department of Mechanical Engineering Mumbai - 400 076 Maharashtra	46.67	24
2480	Development of facile, inexpensive microfluidies platform using incremental foil assisted rapid molding (i-farm) manufacturing methods and 3d printed assisted..	DST-AMT	Singh,S.G., Dr. (M) Associate Professor Indian Institute of Technology (Hyderabad) Kandi, Sangareddy Hyderabad - 502 285 Telangana	49.69	36
2481	Development of impact model in the frame work of sustainable manufacturing	DST-AMT	Shukla,A.K.N., Dr. (M) Director R.K. University School of Engineering, Kastrubadham Rajkot - 360 020 Gujarat	7.28	24
2482	Development of induction-conduction based material deposition system for metal additive manufacturing	DST-AMT	Jain,P.K., Dr. (M) Associate Professor Indian Institute of Information Technology Design & Manufacturing Jabalpur Dumna Airport Road Jabalpur - 482 005 Madhya Pradesh	42.34	24
2483	Development of light weight near net shape aluminium composite substrates for thermal management in electronic & avionic packaging systems	DST-AMT	Rajan,T.P.D., Dr. (M) Senior Scientist CSIR-National Institute for Interdisciplinary Science & Technology Division of Materials & Technology Thiruvananthapuram - 695 019 Kerala	49.75	24
2484	Development of magnetostrictive sensing device for structural integrity evaluation of pipes	DST-AMT	Panda,A.K., Dr. (M) Senior Scientist CSIR-National Metallurgical Laboratory Division of Materials Science and Technology, Burmamines Jamshedpur - 831 007 Jharkhand	49.90	24
2485	Development of microcellular & nanocellular 3D printing process to manufacture acrylonitrile butadiene styrene foamed plastic products	DST-AMT	Gandhi,A., Dr. (M) Junior Scientist Laboratory of Advanced Research in Polymeric Materials Cipet-Larpm, B-25 CNI Complex Bhubaneswar - 751 024 Odisha	29.26	24
2486	Development of microstructurally, compositionally & functionally graded components by Laser Assisted Materials Processing (LAMP)	DST-AMT	Manna,I., Dr. (M) Director Indian Institute of Technology (Kharagpur) Kanpur - 208 016 Uttar Pradesh	658.01	36
2487	Development of nano composite coating on MMAW electrodes for reduction of hazardous constituents in welding fumes	DST-AMT	Sivapirakasam,S.P., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirapalli) Department of Mechanical Engineering Tiruchirappalli - 620 001 Tamil Nadu	35.05	24
2488	Development of process map for additive manufacturing of TieAl4V and Inconel alloys	DST-AMT	Kumar,A., Dr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	47.45	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2489	Development of squeeze cast pneumatic components using self-lubricating composites	DST-AMT	Vinoth,K.S., Dr. (M) Assistant Professor P.S.G. College of Technology Peelamedu Coimbatore - 641 004 Tamil Nadu	24.50	24
2490	Development of supply market intelligence system with supplier selection & performance monitoring for auto ancillary industry	DST-AMT	Sudarsanam,S.K., Dr. (M) Professor Vellore Institute of Technology University VIT Business School, Vandalur, Kelambakkam Road Chennai - 600 127 Tamil Nadu	21.12	24
2491	Development of wearable on-chip spectrometer for monitoring respiratory motion	DST-AMT	Bhaktha,B.N.S., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Department of Phycis, Paschim, Medinipur Kharagpur - 721 302 West Bengal	47.50	24
2492	Development of wide band gap devices based electronic balancing circuits for ultra capacitor modules	DST-AMT	Chandrasekar,V., Dr. (M) Scientist E/Joint Director Centre for Development of Advanced Computing (C-DAC) Power Electronics Group Thiruvananthapuram - 695 033 Kerala	44.36	24
2493	Development, field trials, pilot production and technology demonstration of sintered brake pads with improved performance for wind turbine applications suitable to India specific wind characteristics	DST-AMT	Govindaraju,M., Dr. (M) Assistant Professor Amrita Vishwa Vidyapeetham SG, Department of Mechanical Engineering, Amrita School of Engineering Coimbatore - 641 001 Tamil Nadu	24.53	36
2494	Establishment of ultra-short pulsed laser processing regime for surface treatment of titanium based implant for the tailored mechano-chemical property in simulated environment	DST-AMT	Majumdar,J.D., Dr. (F) Professor Indian Institute of Technology (Kharagpur) Department of Metallurgical & Materials Engineering, Paschim Medinipur Kharagpur - 721 302 West Bengal	42.74	24
2495	Fabrication of SIC targets and pulsed laser deposition of functional thin films	DST-AMT	Vasa,N.J., Mr. (M) Professor Indian Institute of Technology (Madras) Department of Engineering Design Chennai - 600 036 Tamil Nadu	48.20	24
2496	Feasibility evaluation of power metallurgy connecting rod for automobile application	DST-AMT	Senthilvelan,S., Dr. (M) Associate Professor Indian Institute of Technology (Guwahati) Department of Mechanical Engineering Guwahati - 781 039 Assam	47.65	24
2497	Femtosecond Laser Assisted Prototyping of Micro Electro-optofluidics Devices (FLAP-MED)	DST-AMT	Chaitanya,V.K., Dr. (M) Assistant Professor Sri Sathya Sai Institute of Higher Learning Department of Physics, PSN Campus,Puttaparti Anantapur - 515 134 Andhra Pradesh	48.50	24
2498	Green manufacturing of automobile forgings by precision forging	DST-AMT	Date,P.P., Prof. (M) Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	85.72	36
2499	Improved manufacturing of cocured T-joint using textile 'T' insert	DST-AMT	Verma,K.K., Dr. (M) Scientist CSIR-National Aerospace Laboratories Division of Advanced Composites, PB 1779, Old Airport Road Bengaluru - 560 017 Karnataka	46.99	24
2500	Investigations on web-based intelligent CAD/CAM decision support system for remote manufacturing of precision micro parts	DST-AMT	Kumar,S.P.L., Dr. (M) Assistant Professor Sr. Grade P.S.G. College of Technology Department of Production Engineering, Peelamedu Coimbatore - 641 004 Tamil Nadu	16.95	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2501	Large scale production of 2-D materials based hard-soft ferrite nano-composite; surface coating & testing for electromagnetic shielding devices	DST-AMT	Kuanr,B.K., Mr. (M) Professor Jawaharlal Nehru University Special Centre for Nanoscience, New Mehrauli Road New Delhi - 110 067 Delhi	49.14	24
2502	Large scale production of nanomaterials and thin films for semiconducting devices and astronomical research	DST-AMT	Sen,S., Dr. (M) Associate Professor Indian Institute of Technology (Indore) Associate Dean Planning I, Khandwa Road, Simrol Indore - 452 001 Madhya Pradesh	47.60	24
2503	Manufacturing of magnesium based micro-components via superplastic micro forming processes	DST-AMT	Panigrahi,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	48.60	24
2504	Nanocellulose-reinforced composite resins for additive manufacturing.	DST-AMT	Shanmuganathan,K., Dr. (M) Senior Scientist CSIR-National Chemical Laboratory Division of Polymer Science & Engineering, Dr. Homi Bhabha Road Pune - 411 008 Maharashtra	32.00	24
2505	Point-o-care smart stimuli responsive theranostic nanofiber based wound dressing material	DST-AMT	Ramkumar,J., Dr. (M) Professor Indian Institute of Technology (Kanpur) Department of Mechanical Engineering, Kalyanpur Kanpur - 208 016 Uttar Pradesh	40.36	24
2506	Sand less Casting Process	DST-AMT	Nayak,R.K., Dr. (M) Assistant Professor Kalinga Institute of Industrial Technology University School of Mechanical Engineering Bhubaneswar - 751 024 Odisha	17.58	24
2507	Scaling up the fabrication of nanomaterials with higher degree of complexity	DST-AMT	Ghosh,A., Dr. (M) Assistant Professor Indian Institute of Science Centre for Nano Science & Engineering Bengaluru - 560 012 Karnataka	47.99	24
2508	Simulation of spring-in composite spars during manufacturing process	DST-AMT	Masood,S.N., Mr. (M) Scientist CSIR-National Aerospace Laboratories Division of Advanced Composites, PB 1779, Old Airport Road, Kodihalli Bengaluru - 560 017 Karnataka	45.76	24
2509	Transparent Heat Reflecting (THR) nano-hybrid coating for automobile window glasses	DST-AMT	Samal,S.K., Dr. (M) Scientist Central Institute of Plastics Engineering & Technology Laboratory for Advanced Research in Polymeric Materials, B/25, CNI Complex, Patia Bhubaneswar - 751 024 Odisha	40.40	24
2510	Vibration assisted turning for improving fatigue life of Ti6Al4V aerospace components	DST-AMT	Krishna,P.V., Dr. (M) Assistant Professor National Institute of Technology (Warangal) Department of Mechanical Engineering Warangal - 506 004 Telangana	28.08	24
2511	A complete walking aid for paralytic patients	DST-BDTD	Dash,A.K., Dr. (M) Associate Professor SASTRA University School of Mechanical Engineering Thanjavur - 613 401 Tamil Nadu	27.85	36
2512	A low cost device based on body auscultation for early medical diagnosis of heart, lung & prenatal health	DST-BDTD	Dutta,M.K., Dr. (M) Professor & Head Dr. A.P.J. Abdul Kakam Technical University Centre for Advanced Studies Lucknow - 226 031 Uttar Pradesh	34.45	24
2513	Biomedical instruments & devices hub - A centre for innovation, design & clinical validation	DST-BDTD	Puri,G.D., Prof. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	982.26	60

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2514	Design & development of "Laser Shoe" for the management of Diabetic peripheral neuropathy pain in people living with Type 2 Diabetes Mellitus	DST-BDTD	Maiya,G.A., Dr. (M) Professor & Chair Chief Manipal University WDF Diabetic Foot Clinic, Kasturba Hospital Manipal - 576 104 Karnataka	26.05	24
2515	Design & development of continuous speech based test conversation assistant	DST-BDTD	Devi,T., Dr. (F) Professor & Head Bharathiar University Department of Computer Applications Coimbatore - 641 046 Tamil Nadu	7.75	24
2516	Design & development of glass based Optofluidic device platform by femtosecond laser micromatching	DST-BDTD	Chaitanya,K.V., Dr. (F) Assistant Professor Sri Sathya Sai Institute of Higher Learning Prashanthi Nilayam Campus, Puttarparthi Anantapur - 515 134 Andhra Pradesh	46.10	36
2517	Design & development of micro atuomatic airway pressure system for sleep apnea therapy	DST-BDTD	Priya,L., Dr. (F) Assistant Professor P.S.G. College of Technology Department of Biomedical Engineering, Peelamedu Coimbatore - 641 004 Tamil Nadu	22.80	36
2518	Design & development of micro cantilever based biosensor for early detection of high risk human Papilloma virus	DST-BDTD	Anitha,V.R., Dr. (F) Professor Sree Vidyanikethan Engineering College Department of Electronics & Communication Engineering, Sree Sainath Nagar, A Rangampet Tirupati - 517 102 Andhra Pradesh	36.50	24
2519	Design & development of wireless digital teaching stethoscope	DST-BDTD	Singh,J., Mr. (M) Joint Director & Head Centre for Development of Advanced Computing (C-DAC) Department of Electronics & Communications, A 34, Industrial Area, Phase 8 Mohali - 160 071 Punjab	37.10	24
2520	Design, development & batch production of silicone rubber products for communication disorders	DST-BDTD	Venkartaraja,A.U., Dr. (M) Professor Manipal University Department of Speech & Hearing Manipal - 576 104 Karnataka	38.34	24
2521	Design, development & validation of thermocycler & real time cyler (DNA amplication instrument) mostly used in disease diagnosis	DST-BDTD	Selvaraj,S.P., Dr. (M) Associate Professor Bannari Amman Institute of Technology Post Alathukombai, Sathyamangalam Erode - 638 401 Tamil Nadu	34.46	24
2522	Development & validation of monoclonal antibody based antigen capature Elisa for detection of Chandipura virus infection in hospitalized Encephalitis patients	DST-BDTD	Damle,R.G., Dr. (F) Scientist C ICMR-National Institute of Virology Encephalitis Group, Containment Complex, 130/1, Sus Road, Pashan Pune - 411 021 Maharashtra	21.19	24
2523	Development of a new & cost effective biosensor based on transparent conducting oxide thin films working in near IR frequency	DST-BDTD	Potty,S.N., Dr. (M) Scientist C Centre for Materials for Electronics Technology (C-MET) P.O. Athani, M.G. Kavu Thrissur - 680 581 Kerala	76.70	24
2524	Development of a portable & non-contact type Intraocular (IOP) Pressure measurement device	DST-BDTD	Garg,A., Dr. (M) Professor Indian Institute of Technology (Kanpur) Department of Materials Science & Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	71.35	24
2525	Development of aerosol based novel drug delivery method/ device for the regulation of Asthma exacerbations & Pulmonary fibrosis	DST-BDTD	Singh,R., Dr. (F) Associate Professor Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	11.50	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2526	Development of high-speed, compact OCT imaging system	DST-BDTD	Prabhu,K.R., Dr. (M) Associate Professor & Head Vellore Institute of Technology University Department of Control & Automation, School of Electrical Engineering Vellore - 632 014 Tamil Nadu	94.23	24
2527	Development of low-cost device for measurement of cysteine in human blood plasma	DST-BDTD	Chauhan,S.S., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	43.20	24
2528	Development of smart socks for wireless monitoring of human giat	DST-BDTD	Bhattacharyya,A., Dr. (M) Associate Professor P.S.G. Institute of Advanced Studies Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	20.90	24
2529	Generic smart IOT electrochemical platform technology for biomedical applications	DST-BDTD	John,S.A., Dr. (M) Professor Gandhigram Rural University Department of Chemistry Gandhigram - 624 302 Tamil Nadu	76.17	36
2530	Medical device development & commercialization by national hub for healthcare instrumentation development	DST-BDTD	Muttan,S., Dr. (M) Coordinator Anna University Chennai - 600 025 Tamil Nadu	398.26	60
2531	Point of care monitoring of neuroglial-vascular interactions (especially inverse neurovascular coupling) during spreading depolarizations in brain truma using simultaneous recoring of EEG & NIRS	DST-BDTD	Chowdhuary,S.R., Dr. (M) Assistant Professor Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	24.69	12
2532	AlGaIn/GaN power transistor based platform technology & modules for smart grid applications	DST-CERI	Fernandes,B.G., Dr. (M) Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	220.87	36
2533	An innovative strategy to enhance energy (<70 Whkg-1) & power densities (>10,000 Wkg-1) of flexible asymmetric supercapacitor fabricated with hybrid electrodes	DST-CERI	Lokhande,C.D., Prof. (M) Research Director Dr. D.Y. Patil University Kolhapur - 416 006 Maharashtra	45.74	24
2534	An integrated approach to development & environment in the power sector	DST-CERI	Srikanth,R., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	150.76	36
2535	Bio-methanation of coal mill & coal washery rejects	DST-CERI	Anguselvi,V., Dr. (M) Senior Scientist CSIR-Central Institute of Mining & Fuel Research Dhanbad - 828 108 Jharkhand	26.46	36
2536	Cascaded Latent Heat Storage (CLHS) for high temperature CSP applications material development & characterization to lab-scale setup	DST-CERI	Chakraborty,P.R., Mr. (M) Assistant Professor Indian Institute of Technology (Jodhpur) Department of Mechanical Engineering, Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	58.45	36
2537	Chemical functionalization of Si & Ge with 2D materials such as MoS2, WS2, g-C3N4, B/N doped graphene, BN: Anode materials for lithium ion battery with improved volumetric & reversible capacity & excellent cycling stability	DST-CERI	Ramakrishnappa,T., Dr. (M) Associate Professor B.M.S. Institute of Technology & Management Bengaluru - 560 082 Karnataka	47.50	18

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2538	Clean coal utilization of Indian coals: Carbon capture & pollution control	DST-CERI	Sethi,V., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	223.63	36
2539	Coaxially cast, hierachically assembled, water-proof electrochemical supercapacitor for self-sustainable wearable electronics	DST-CERI	Subramaniam,C., Mr. (M) Assistant Professor Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	67.75	24
2540	Collecting particulate matter of air using filters placed on the top of a moving car	DST-CERI	Kota,S.H., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	88.39	12
2541	Collecting particulate matter of air using filters placed on the top of a moving car	DST-CERI	Sridhar,K.P., Dr. (M) Assistant Professor Karpagam Academy of Higher Education Coimbatore - 641 021 Tamil Nadu	18.81	12
2542	Collecting particulate matter of air using filters placed on the top of a moving car	DST-CERI	Dhulipala,V.R.S., Dr. (M) Assistant Professor Anna University Tiruchirappalli - 620 024 Tamil Nadu	6.16	12
2543	Computational design & experimental development of Na-ion battery materials & technology	DST-CERI	Nair,S., Dr. (M) Director & Dean Amrita Vishwa Vidyapeetham Centre for Nanosciences Kochi - 682 024 Kerala	83.31	36
2544	Demonstration of grid supportive EV Charger & charging Infrastructure at LT level (D-EVCI)	DST-CERI	Dhulipala,V.R.S., Prof. (M) Anna University BIT Campus Tiruchirappalli - 620 024 Tamil Nadu	10.27	36
2545	Demonstration of grid supportive EV Charger & charging Infrastructure at LT level (D-EVCI)	DST-CERI	Varma,G.P.S., Prof. (M) Sagi Ramakrishnam Raju Engineering College Godavari - 534 204 Andhra Pradesh	71.78	36
2546	Demonstration of grid supportive EV Charger & charging Infrastructure at LT level (D-EVCI)	DST-CERI	Singh,M., Prof. (M) Thapar University Patiala - 147 004 Punjab	30.93	36
2547	Demonstration of grid supportive EV Charger & charging Infrastructure at LT level (D-EVCI)	DST-CERI	Verma,V., Prof. (M) Delhi Technological University Bawana Road, Rohini Delhi - 110 042 Delhi	22.54	36
2548	Demonstration of grid supportive EV Charger & charging Infrastructure at LT level (D-EVCI)	DST-CERI	Mishra,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	206.26	36
2549	Demonstration of MW scale Solar energy Integration in weak grid using Distributed Energy Storage architecture (D-SIDES)	DST-CERI	Mishra,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	20.50	36
2550	Demonstration of MW scale Solar energy Integration in weak grid using Distributed Energy Storage architecture (D-SIDES)	DST-CERI	Padhy,N.P., Dr. (M) Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	334.39	36
2551	Demonstration of MW scale Solar energy Integration in weak grid using Distributed Energy Storage architecture (D-SIDES)	DST-CERI	Kumar,C.S., Dr. (M) Professor BVRIT Hyderabad College of Engineering for Women Hyderabad - 500 090 Telangana	33.04	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2552	Design & development of bio-based novel liquid crystalline conductive electrodes & electrolytes for high performing flexi-energy storage devices	DST-CERI	Pillai,S., Dr. (M) Scientist/Assistant Professor CSIR-National Institute for Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	47.64	36
2553	Design & development of hybrid renewable energy microgrid with value chain applications for agriculture & dairy farm	DST-CERI	Das,D.B., Dr. (M) Professor Dayal Bagh Educational Institute Agra - 282 005 Uttar Pradesh	223.95	24
2554	Design & development of hybrid renewable energy microgrid with value chain applications for agriculture & dairy farm	DST-CERI	Tyagi,B., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	70.87	24
2555	Design & development of molecular anchored nano-zeolite adsorbents for CO2 capture from fossil fuel power plants	DST-CERI	Pal,U., Dr. (M) Senior Scientist CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	52.17	36
2556	Design, development & demonstration of microbial methane generation process suitable for poor to marginally producing CBM wells	DST-CERI	Singh,N., Dr. (F) Deputy General Manager Oil & Natural Gas Corporation Limited Deendayal Urja Bhawan, 54, Nelson Mandela Marg, Vasant Kunj New Delhi - 110 070 Delhi	324.52	36
2557	Development of a process for 2,3,3,3 - Tetrafluoropropene (HFO-1234yf)	DST-CERI	Sridhar,M., Dr. (M) Sr. Principal Scientist CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	106.69	36
2558	Development of efficient microwave based clean coal technologies for grinding, dewatering & desulphurization of coals using lab scale studies	DST-CERI	Satyanarayana,N.V., Dr. (M) Chief Scientist CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	125.72	36
2559	Development of high energy & high power density fuel cell super capacitor	DST-CERI	Subash,R., Dr. (M) Senior Scientist Vels University Vels Institute of Science, Technology & Advanced Studies Chennai - 600 043 Tamil Nadu	66.88	24
2560	Development of new Mg-S battery chemistry & electrodes through synthesis, characterization & simulations	DST-CERI	Mitra,S., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	74.40	36
2561	Development of Ni/Co/Mn/MWCNTs based nano composites as positive electrode & low cost 'Green' carbon obtained from bio-wastes as negative electrode materials for hybrid supercapacitors	DST-CERI	Nagaraju,K., Dr. (F) Professor Jyothy Institute of Technology Tataguni, Off Kanakapura Road Bengaluru - 560 082 Karnataka	55.18	24
2562	Development of prosumer driven integrated Smart grid	DST-CERI	Pindoriya,N., Dr. (M) Assistant Professor Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	57.58	36
2563	Development of prosumer driven integrated Smart grid	DST-CERI	Dixit,P.K., Prof. (M) M.S. Ramaiah Institute of Technology Bengaluru - 560 054 Karnataka	33.32	36
2564	Development of prosumer driven integrated Smart grid	DST-CERI	Garg,A., Prof. (M) Indian Institute of Management (Ahmedabad) Ahmedabad - 380 015 Gujarat	181.04	36
2565	Development of solid state super capacitor using novel electrode materials	DST-CERI	Padaki,M., Dr. (M) Assistant Professor Jain University Centre for Nano-Material Sciences Bengaluru - 562 112 Karnataka	53.57	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2566	DST - IIT Bombay Energy Storage Platform on Hydrogen	DST-CERI	Sharma,P., Dr. (F) Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	866.15	60
2567	DST- NFTDC Centre for Materials & Energy Storage Platforms - H2	DST-CERI	Balasubramanian,K., Dr. (M) Director Non-Ferrous Materials Technology Development Centre (NFTDC) Kanchanbagh Hyderabad - 500 058 Telangana	856.50	60
2568	Graphene protected Si nano-spheres (interconnected) for developing high energy density Li Ion battery	DST-CERI	Mukhopadhyay,I., Dr. (M) Professor & Head Pandit Deendayal Petroleum University Gandhinagar - 382 007 Gujarat	44.00	24
2569	High-active, durable electro-catalyst for inexpensive iron-air rechargeable battery for large scale energy storage	DST-CERI	Thandavarayan,M., Dr. (M) Associate Professor S.R.M. University S.R.M. Research Institute Chennai - 603 203 Tamil Nadu	33.55	18
2570	Inkjet printed electrodes of Graphene oxide-Metal oxide hierarchical nanostructured nanocomposites for improved energy density & power density thin film flexible supercapacitors	DST-CERI	Bhattacharya,S., Dr. (M) Indian Institute of Technology (Kanpur) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	36.24	24
2571	Landfill fire control mechanism through integrated approach	DST-CERI	Kumar,R., Dr. (M) Director CSIR-National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	123.72	36
2572	Methane drainage prior to mining	DST-CERI	Mishra,D.P., Dr. (M) Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	300.12	36
2573	Mix-energy-source electric vehicle charging system design & its impact on Indian Smart-distribution-grid	DST-CERI	Chattopadhyay,S., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	93.80	36
2574	Mix-energy-source electric vehicle charging system design & its impact on Indian Smart-distribution-grid	DST-CERI	Singh,R.K., Mr. (M) Associate Professor Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	94.50	36
2575	Mix-energy-source electric vehicle charging system design & its impact on Indian Smart-distribution-grid	DST-CERI	Mishra,S.K., Prof. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	141.79	36
2576	Multilayer-structured high-energy-density dielectric polymer nanocomposite capacitors for pulse power applications	DST-CERI	Mandal,D., Dr. (M) Assistant Professor Institute of Nano Science & Technology Sector 64, S.A.S. Nagar Mohali - 160 062 Punjab	44.02	36
2577	Nano-engineered high power Li-ion battery materials & proto-type device fabrication to deliver a capacity of 500 mAh	DST-CERI	Santhanagopalan,D., Dr. (M) Assistant Professor Amrita Centre for Nanosciences & Molecular Medicine Kochi - 682 041 Kerala	57.09	24
2578	National Centre for Clean Coal Research & Development	DST-CERI	Saha,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	101.34	60
2579	National Centre for Clean Coal Research & Development	DST-CERI	Dalal,A., Dr. (M) Associate Professor Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	33.70	60

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2580	National Centre for Clean Coal Research & Development	DST-CERI	Chakraborty,S., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	132.63	60
2581	National Centre for Clean Coal Research & Development	DST-CERI	Prasad,B.V.S.S.S., Dr. (M) Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	237.97	60
2582	National Centre for Clean Coal Research & Development	DST-CERI	Dutta,P., Prof. (M) Chairman Indian Institute of Science Bengaluru - 560 012 Karnataka	2394.07	60
2583	National Centre for Clean Coal Research & Development	DST-CERI	Chatterjee,S., Dr. (M) Assistant Professor Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	99.97	60
2584	National Centre for Development of Advanced Materials and Manufacturing Processes for Clean Coal Technologies for Power Applications	DST-CERI	Padmanabham,G., Dr. (M) Director International Advanced Research Centre for Powder Metallurgy & New Materials Hyderabad - 500 005 Telangana	3900.91	36
2585	Partnership & support for the global cooling prize initiative	DST-CERI	Kumar,S., Dr. (M) Executive Director Alliance for an Energy Efficient Economy Saira Tower, N-161A, Gulmohar Enclave, Yusuf Sarai New Delhi - 110 049 Delhi	161.39	24
2586	Research & development of Smart, Secure, Scalable, Resilient & Adaptive Cyber-Physical Power System (S3RA-CPPS)	DST-CERI	Sukla,S., Prof. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	28.53	36
2587	Research & development of Smart, Secure, Scalable, Resilient & Adaptive Cyber-Physical Power System (S3RA-CPPS)	DST-CERI	Panigrahi,B.K., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	506.79	36
2588	Research & development of Smart, Secure, Scalable, Resilient & Adaptive Cyber-Physical Power System (S3RA-CPPS)	DST-CERI	Raman,D., Dr. (M) Professor Vardhaman College of Engineering Hyderabad - 501 218 Telangana	47.64	36
2589	Research & development of Smart, Secure, Scalable, Resilient & Adaptive Cyber-Physical Power System (S3RA-CPPS)	DST-CERI	Kumar,N., Dr. (M) Associate Professor Thapar University Patiala - 147 001 Punjab	39.20	36
2590	Smart Planning & Operations of grids with Renewables & Storage (SPOReS)	DST-CERI	Magal,A., Prof. (M) Head Advisory Gujarat Energy Research & Management Institute Gandhinagar - 382 007 Gujarat	36.89	36
2591	Smart Planning & Operations of grids with Renewables & Storage (SPOReS)	DST-CERI	Ramamritham,K., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	165.88	36
2592	Stability analysis, protection & coordinated control of networked microgrids	DST-CERI	Pradhan,A.K., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	15.53	36
2593	Stability analysis, protection & coordinated control of networked microgrids	DST-CERI	Chakrabarti,S., Mr. (M) Associate Professor Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	322.69	36
2594	Suddha Vaayu: An electrical chamber for detection & mitigation of air pollution	DST-CERI	Kota,S.H., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	53.33	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2595	Suddha Vaayu: An electrical chamber for detection & mitigation of air pollution	DST-CERI	Dhulipala,V.R.S., Dr. (M) Assistant Professor Anna University Tiruchirappalli - 620 024 Tamil Nadu	20.02	24
2596	Suddha Vaayu: An electrical chamber for detection & mitigation of air pollution	DST-CERI	Sridhar,K.P., Dr. (M) Assistant Professor Karpagam Academy of Higher Education Coimbatore - 641 021 Tamil Nadu	69.52	24
2597	Technical resource unit for validating the technologies deployed for mitigating air pollution	DST-CERI	Mayya,Y.S., Mr. (M) Adjunct Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	50.71	12
2598	Traffic junction air pollution abatement	DST-CERI	Kumar,R., Dr. (M) Director CSIR-National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	122.66	12
2599	Design & development - evaluation of aptamer based high sensitive-low cost kit for the detection of mycotoxins in food	DST-DDP	Hariprasad,P., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	35.70	24
2600	Design & development of conducting filter loaded peizeoelectric polymer based flexible micro device for energy harvesting	DST-DDP	Ali,W., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	48.78	36
2601	Design & development of contact fatigue test facility used in high speed railway & electric vehicles	DST-DDP	Gnanamoorthy,R., Prof. (M) Indian Institute of Technology (Madras) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	26.68	24
2602	Design & development of efficient of electronic saffron dryer using Infrared (IR) heating	DST-DDP	Lala,N.A., Dr. (M) Assistant Professor Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Division of Agriculture Engineering Srinagar - 190 025 Jammu & Kashmir	9.97	12
2603	Design & development of sensor based sewage block remover & management system	DST-DDP	Parthasarathy,S., Dr. (M) Professor K.L.N. College of Engineering Sivagangai - 630 612 Tamil Nadu	36.65	24
2604	Detection of plant pathogenic fungi sing handheld PCR	DST-DDP	Gorthi,S.S., Dr. (M) Associate Professor Indian Institute of Science Bengaluru - 560 012 Karnataka	39.97	24
2605	Development of a cost effective & portable electro-optical system for effective investigation of residual ambient gases using spark emission spectrometry towards the estimation of atmospheric gases composition with respect to height using high flyung..	DST-DDP	Ghosh,S.K., Dr. (M) Senior Professor Bose Institute Department of Physics, P-1/12, CIT Road, Scheme VII M Kolkata - 700 054 West Bengal	38.11	24
2606	Development of an Axial flow turbine test rig	DST-DDP	Kushari,A., Prof. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	23.63	24
2607	Development of an indigenous low-cost/ light weight deflectometer for structural evaluation of pavement	DST-DDP	Ramesh,A., Dr. (M) Associate Professor V.N.R Vignana Jyothi Institute of Engineering & Technology Nizampet Hyderabad - 500 090 Telangana	14.11	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2608	Development of an intelligent evaporative cooler for composite climate	DST-DDP	Sarkar,J., Dr. (M) Associate Professor Indian Institute of Technology (BHU) Banara Hindu University Varanasi - 221 005 Uttar Pradesh	8.92	24
2609	Development of foliar diagnostic kit for on site detection of moisture status in crops	DST-DDP	Subramanian,K.S., Dr. (M) Chair Professor Tamil Nadu Agricultural University Department of Nano Science & Technology Coimbatore - 641 003 Tamil Nadu	10.65	12
2610	Development of human-on-a-chip device technology - a paradigm shift in biological evaluation & disease model	DST-DDP	Mohanan,P.V., Dr. (M) Scientist G Sree Chitra Tirunal Institute for Medical Sciences & Technology BMT Wing, P.O. Poojapura Thiruvananthapuram - 695 012 Kerala	311.83	36
2611	Development of image processing bases portable device to measure strains metal forming	DST-DDP	Suresh,K., Dr. (M) Assistant Professor Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	15.86	36
2612	Development of intelligent device for security enhancement (iEYE)	DST-DDP	Singh,K., Dr. (M) Assistant Professor Jawaharlal Nehru University School of Computer & Systems Science New Delhi - 110 067 Delhi	10.00	12
2613	Development of lead free pyroelectric ceramic based mid-IR sensor for intruder detection	DST-DDP	Shukla,A.K., Dr. (M) Assistant Professor Amity University Amity Institute of Applied Sciences Noida - 201 313 Uttar Pradesh	32.85	24
2614	Development of low-cost Raman spectrometer	DST-DDP	Narayana,C., Prof. (M) Chairman Jawaharlal Nehru Centre for Advanced Scientific Research Bengaluru - 560 064 Karnataka	74.00	24
2615	Development of nanoantenna sensor for infrared detection	DST-DDP	Rathi,B., Dr. (M) Assistant Professor Hans Raj College Department of Chemistry, Delhi University Delhi - 110 007 Delhi	63.08	24
2616	Development of near infrared spectrometer for plant diseases detection	DST-DDP	Sheoran,G., Dr. (M) Assistant Professor National Institute of Technology (Delhi) Department of Applied Physics, A-7, Institutional Area Delhi - 110 040 Delhi	99.13	36
2617	Development of phase shifting Fizeau interferometer for optical surface form & wavefront sensing application	DST-DDP	Debnath,S.K., Dr. (M) Scientist CSIR-Central Scientific Instruments Organization Chandigarh - 160 030 Chandigarh	32.31	36
2618	Development of smart medium voltage circuit breaker with embedded control device & actuating mechanism consistent of self-monitoring, low energy consumption, IoT enabled features for railways & substations application	DST-DDP	Chandrasekhar,S., Dr. (M) Professor Sona College of Engineering Salem - 636 005 Tamil Nadu	20.00	12
2619	Device development of beta-carotene enhancement in carrot juice as a food for cancer patients	DST-DDP	Tayade,P.R., Dr. (M) Assistant Professor Jawaharlal Darda Institute of Engineering & Technology Yavatmal - 445 001 Maharashtra	27.58	24
2620	Lifesaving IoT based hazardous gas monitoring & drainage block detection & removal system to prevent manual scavenging	DST-DDP	Karuppiah,A.B., Dr. (M) Professor Velammal College of Engineering & Technology Viraganoor Madurai - 625 009 Tamil Nadu	10.00	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2621	Low cost & high efficiency portable thermoelectric cooler boxes for medicines, vaccines & bio-samples	DST-DDP	Gowthaman,S., Dr. (M) Assistant Professor Indian Institute of Information Technology, Design & Manufacturing Department of Mechanical Engineering, Kancheepuram Chennai - 600 127 Tamil Nadu	11.03	24
2622	Low cost energy efficient green building using nano PCM with desiccant based passive cooling system	DST-DDP	Kalaiselvam,S., Dr. (M) Associate Professor & Head Anna University Department of Applied Science & Technology Chennai - 600 025 Tamil Nadu	37.75	36
2623	Mott transitors based neuromorphic memory devices	DST-DDP	Mishra,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (BHU) Banara Hindu University Varanasi - 221 005 Uttar Pradesh	100.98	36
2624	Sign language teaching learning module for disables	DST-DDP	Shiurkar,U.D., Dr. (M) Director & Professor Deogiri institute of Engineering & Management Studies Aurangabad - 431 005 Maharashtra	10.51	24
2625	Tensiometer based automated IoT system for irrigation	DST-DDP	Majumdar,S., Dr. (M) Associate Professor National Institute of Technology (Meghalaya) Shillong - 793 003 Meghalaya	16.85	24
2626	Developing efficient methods for the measurement & characterization of high dimesnsional quantum states for photonic quantum information	DST-ICPS	Jha,A.K., Mr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	307.02	36
2627	Quantum comminication networks channel capacities & quantum cryptography	DST-ICPS	De,A.S., Dr. (F) Associate Professor G Harish Chandra Research Institute Division of Physics, Chhatnag Road, Jhusi Allahabad - 211 019 Uttar Pradesh	147.34	36
2628	Quantum resources: Fundamentals & technological applications	DST-ICPS	Pati,A.K., Prof. (M) Harish Chandra Research Institute Department of Physics, Chhatnag Road, Jhusi Allahabad - 211 019 Uttar Pradesh	197.34	36
2629	All-dielectric & hybrid nanoantennas for multifunctional sensors	DST-IMRC	Sinha,R.K., Dr. (M) CSIR-Central Scientific Instruments Organization Chandigarh - 160 030 Chandigarh	32.09	36
2630	Design & development of large-scale ambient energy harvesting wireless networks	DST-IMRC	Kumar,A., Dr. (M) Indian Institute of Technology (Hyderabad) NH 65, Kandi Sangareddy - 502 285 Telangana	20.09	36
2631	Design & development of large-scale ambient energy harvesting wireless networks	DST-IMRC	Upadhyay,P.K., Mr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	29.08	36
2632	Development & realization of high accuracy indoor & outdoor seamless positioning system: Hardware & software	DST-IMRC	Garg,R.D., Mr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	30.56	36
2633	Development of novel cololing systems for high power LEDs for enhanced reliability & lifetime	DST-IMRC	Khandekar,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	37.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2634	Electronic synapses based on two dimensional materials for neuromorphic computing	DST-IMRC	Mahapatra,S., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.81	36
2635	Energy band & nanostructure engineering of AIV-BVI - based thermoelectrics for efficient heat energy conversion	DST-IMRC	Biswas,K., Dr. (F) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	47.36	36
2636	Flux-assisted inclusion engineering: Applications in low-carbon low-alloy shipbuilding plates	DST-IMRC	Basu,S., Mr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	32.57	36
2637	Fracture & delamination under dynamic loading	DST-IMRC	Venkitanarayanan,P., Mr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	49.75	36
2638	Hybrid manufacturing of aerospace parts: Software modeling, simulation, verification & development	DST-IMRC	Karunakaran,K.P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	24.31	36
2639	Interface-engineered & energy-efficient organic solar cells based on porphyrin small molecules	DST-IMRC	Raavi,S.S.K., Dr. (M) Indian Institute of Technology (Hyderabad) NH 65, Kandi Sangareddy - 502 285 Telangana	31.49	36
2640	International Multilateral & Regional Cooperation (IMRC), India	DST-IMRC	Chandran,S., Mr. (M) National Institute of Advanced Studies Indian Institute of Science Campus Bengaluru - 560 012 Karnataka	75.75	36
2641	International Multilateral & Regional Cooperation (IMRC), India	DST-IMRC	Chaturvedi,S., Dr. (M) Research & Information System for Developing Countries Core IV. B, 4th Floor, India Habitat Centre, Lodhi Road New Delhi - 110 003 Delhi	75.75	36
2642	Physical basis of domain engineering in piezoelectric single crystals of PMN-PT family & lead-free piezoceramics	DST-IMRC	Islam,S.S., Dr. (M) Jamia Millia Islamia Centre for Nanoscience & Nanotechnology, Jamia Nagar, Okhla New Delhi - 110 025 Delhi	36.84	36
2643	Research & development of Algorithms & software for the processing, storage & visualization of laser scanning & photography data	DST-IMRC	Garg,R.D., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	26.92	36
2644	Virtual reality-based solution for effective neuroanatomy teaching	DST-IRHPA	Kapilamoorthy,T.R., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 011 Kerala	106.53	36
2645	Virtual reality-based solution for effective neuroanatomy teaching	DST-IRHPA	Sivaswamy,J., Dr. (F) International Institute of Information Technology Hyderabad - 500 032 Telangana	218.98	36
2646	Automated wire explosion process for nano particles production for its use as rocket propellant & for transformer insulant	DST-N-M	Sarathi,R., Prof. (M) Indian Institute of Technology (Madras) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	96.17	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2647	Design & development of a low cost, rapid & sensitive sensor for the on site-detection of Endotoxin	DST-N-M	Sandhyarani,N., Dr. (F) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	43.85	36
2648	Development of geopolymer composites for enhanced mechanical properties & to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST-N-M	Radhakrishna, Dr. (M) R.V. College of Engineering Department of Civil Engineering, Milsandra Bengaluru - 560 059 Karnataka	67.27	36
2649	Development of nano particles incorporated thin film nanocomposite polymer membranes for effective mixture gas separation	DST-N-M	Ingole,P.G., Dr. (M) CSIR-North East Institute of Science & Technology Division of Engineering, Science & Technology Jorhat - 785 006 Assam	30.15	36
2650	Development of nano structured si-void-c yolk/shell architecture high-performance Li-ion battery anode	DST-N-M	Saha,P., Dr. (M) National Institute of Technology (Rourkela) Department of Ceramic Engineering Rourkela - 769 008 Odisha	87.05	36
2651	Development of non-invasive techniques for nanoscale surface metrology	DST-N-M	Gannavarpu,R., Dr. (M) Indian Institute of Technology (Kanpur) Department of Electrical Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	48.84	36
2652	Development of smart technology based on nano-material membrane	DST-N-M	Dhar,R.S., Dr. (M) National Institute of Technology (Mizoram) Department of Electronics & Communication Engineering, Chaltlang, Dwarkawn Aizawal - 796 012 Mizoram	83.93	36
2653	Electronic structural & properties of semiconductor nanoplatelets	DST-N-M	Mahadevan,P., Prof. (F) S.N. Bose National Centre for Basic Sciences Block JD, Sector III, Salt Lake Kolkata - 700 106 West Bengal	30.83	36
2654	Enhancement of first ply & progressive plies failure loads of composite plates using CNT reinforcement	DST-N-M	Vasudevan,R., Dr. (M) Vellore Institute of Technology University Centre for Innovative Manufacturing Research Vellore - 623 014 Tamil Nadu	24.54	36
2655	Fabrication of silicon photonic nano structure devices for optical communication & interconnects	DST-N-M	Kumar,M., Dr. (M) Indian Institute of Technology (Indore) Department of Electrical Engineering, Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	34.78	36
2656	HIT-TB: Host targeted immunomolatory Therapy for Tuberculosis using Bi-functional pro-drug loaded surface functionalized	DST-N-M	Dasgupta,S.B., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Biotechnology Kharagpur - 721 302 West Bengal	45.77	36
2657	Investigation a combination of anti-veg & antioxidant drugs formulated as a nanoparticulate drug delivery system for non-invasive treatment of Diabetic Retinopathy	DST-N-M	Katti,D.S., Prof. (M) Indian Institute of Technology (Kanpur) Department of Biological Science & Bioengineering Kanpur - 208 016 Uttar Pradesh	59.68	36
2658	Nano-machining & modification of optical fiber tip & body integrated devices linear & nonlinear	DST-N-M	Varshney,S.K., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Electronics & Electrical Communication Engineering Kharagpur - 721 302 West Bengal	80.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2659	Nanoscale interfacial magnetic skyrmions & its applications in memory devices	DST-N-M	Mishra,S.K., Dr. (M) Indian Institute of Technology (BHU) School of Materials Science & Technology Varanasi - 221 005 Uttar Pradesh	103.51	36
2660	Negative Capacitance FET (NC-FET): Fabrication modeling & simulation for a systematic design of digital circuits	DST-N-M	Datta,A., Dr. (M) Indian Institute of Technology (Roorkee) Department of Electronics & Communication Engineering Roorkee - 247 667 Uttarakhand	112.59	36
2661	Sonochemical synthesis of polycrylonitrile based activated carbon grafted layered double hydroxide ecofriendly nano-absorbents for removal of toxic pollutants from drinking & industrial waste water	DST-N-M	Chatterjee,A., Dr. (M) Maharashtra Institute of Technology Department of Plastics & Polymer Engineering Aurangabad - 431 001 Maharashtra	73.98	36
2662	Spintronics in novel 2D materials apotential pathway for future non-volatile memory devices	DST-N-M	Ghosh,R.K., Dr. (M) Special Centre for Nano Science Jawaharlal Nehru University New Delhi - 110 067 Delhi	101.18	36
2663	Tailoring the nanoscale properties of graphene & its derivatives via strain engineering for next generation nano electronics devices	DST-N-M	Kumar,P., Dr. (M) Indian Institute of Technology (Mandi) School of Basic Sciences, Kamand Campus Mandi - 175 005 Himachal Pradesh	44.45	36
2664	Empowering Schedule Castes (SC) through guided meditation	DST-SCSP	Kochupillai,V., Dr. (M) Sri Sri Institute of Advanced Research Ved Vignan Maha Vidya Peeth, 21st K.M. Kanakpura Road, Udayapura Bengaluru - 560 082 Karnataka	57.70	36
2665	Natural & human asset based lively hoods for SC community in Lingapur village, Mandal - Kadem district - Adilabad	DST-SCSP	Pothuganti,S.K., Mr. (M) Aranya Agricultural Alternatives H.No. 1-3-155/17, Divyanagar Colony, Manchiryal Road, Nirmal Adilabad - 504 106 Telangana	30.82	36
2666	SC community development by establishing sustainable enterprises through science & technolgy interventions at M.D. Kote	DST-SCSP	Pavithra,M.S., Ms. (F) Bhoomika Social Welfare Association No. 399, 5th Cross, 8th Main, D Group Layout, Srigandha Kaval Bengaluru - 560 001 Karnataka	31.69	36
2667	A detailed investigation on the structural and opto-electrical characteristics of coupled Stranski-Krastanov (S-K) - Sub Mono Layer (SML) inGaAs/GaAs quantum dot heterostructures and devices	DST-SERB-CRG	Chakrabarti,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	72.97	36
2668	A disposable chip integrated with Au-/Fe2O3-graphene based sensing-electrode and a handheld device for enzyme-free electrochemical analysis of blood creatinine and urea in point-of-care settings	DST-SERB-CRG	Chanda,N., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	31.02	36
2669	A multi-modal pre-clinical imaging system - combining X-ray, fluorescence & ultrasound	DST-SERB-CRG	Krishnamurthi,G., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	53.26	36
2670	A multi-scale approach for characterization of fatigue of bituminous materials	DST-SERB-CRG	Krishnan,M., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	23.24	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2671	Acoustic sensing via nitrogen-vacancy centers in diamond	DST-SERB-CRG	Saha,K., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	62.29	36
2672	Algorithm and service design for Indian regional language CAPTCHA challenges	DST-SERB-CRG	Banday,M.T., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	28.76	24
2673	An experimental investigation into spatio-temporal behavior of unsteady dynamics of an axisymmetric backward facing step flow with a propulsive jet	DST-SERB-CRG	Nistala,V.S., Dr. (M) CSIR-National Aerospace Laboratories Post Box No. 1779, Kodihalli Bengaluru - 560 017 Karnataka	47.74	24
2674	An intelligent system for Retinopathy Of Prematurity (ROP) screening and diagnosis	DST-SERB-CRG	Sreelekha,G., Dr. (F) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	30.90	36
2675	An interdisciplinary study in machine learning and classification for astronomy	DST-SERB-CRG	Saha,S., Dr. (M) P.E.S. Institute of Technology Hosur Road, Konappana Agrahara, Electronic City Bengaluru - 560 100 Karnataka	25.44	36
2676	Analysis of rapid phase transition in liquid natural gas spills	DST-SERB-CRG	Das,A.K., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	34.92	36
2677	Applications of cold plasma activated water for hygiene purposes through experiments and Mathematical modeling	DST-SERB-CRG	Dasappa,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	36.33	36
2678	Assessment of size segregated airborne particulate matter and its health effects	DST-SERB-CRG	Srimuruganandam,B., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	38.54	36
2679	Attenuation of flowfield unsteadiness due to flare induced shock/boundary layer interaction using micro vortex generators	DST-SERB-CRG	Joshi,G.N., Dr. (M) Defence Institute of Advanced Technology Girinagar Pune - 411 025 Maharashtra	25.83	36
2680	Automated methods for implementing robust and secured biochemical-assays with microfluidic lab-on-chip	DST-SERB-CRG	Banerjee,A., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	18.44	36
2681	Bacterial cellulose derived tunable nanostructured carbon as high performance anode for lithium ion battery	DST-SERB-CRG	Khandelwal,M., Dr. (F) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	49.19	36
2682	Bench scale studies for gas hydrate based continuous gas separation process: Separation of industrially relevant binary and ternary gas mixture like CO ₂ /H ₂ , CO ₂ /CH ₄ /H ₂ S And CH ₄ /N ₂ /H ₂	DST-SERB-CRG	Kumar,R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.75	36
2683	Bladeless smart wind energy harvesters	DST-SERB-CRG	Gupta,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	30.96	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2684	Capacitive micro-Machined Ultrasonic Transducer (cMUT) for medical imaging and under water communication	DST-SERB-CRG	Panwar,B.S., Dr. (M) Sharda University Gautam Budha Nagar Greater Noida - 201 308 Uttar Pradesh	36.34	36
2685	Chitosan based thin active layer Forward Osmosis (FO) membrane for sewage up-concentration and resource recovery	DST-SERB-CRG	Basu,S., Dr. (M) National Institute of Foundry and Forge Technology Near Kanchnatoli, Hatia Ranchi - 834 003 Jharkhand	21.19	36
2686	Compressed sensing-based affordable ultrasound scanner platform	DST-SERB-CRG	Thittai,A.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	30.29	36
2687	Computational problems and cellular automata	DST-SERB-CRG	Das,S., Dr. (F) Indian Institute of Engineering Science & Technology P.O.Botanic Garden, Shibpur Howrah - 711 103 West Bengal	17.76	36
2688	Concurrent multi-scale method for micro-crack propagation in polycrystalline alloys	DST-SERB-CRG	Chakraborty,P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	25.90	36
2689	Content caching and delivery over wireless networks	DST-SERB-CRG	Karamchandani,N., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	20.68	36
2690	Deep learning methods for improving low-dose computed tomography perfusion imaging	DST-SERB-CRG	Yalavarthy,P.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	35.79	36
2691	Defining the stability of retained austenite in steel	DST-SERB-CRG	Das,S., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	44.68	36
2692	Design and control synthesis of a tilt-rotor quadcopter	DST-SERB-CRG	Sahoo,S.R., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	43.35	36
2693	Design and development of 2D/3D self assembled antibacterial nanofibrous structures from regenerated nonmulberry silk fibroins and its blends for medical textiles application	DST-SERB-CRG	Purwar,R., Dr. (F) Delhi Technological University Bawana Auchandi Road, Shahabad Daulatpur, Rohini Delhi - 110 075 Delhi	26.58	36
2694	Design and development of an image guided intervention system for pedicle screw insertion during spine surgery	DST-SERB-CRG	Anitha,H., Dr. (F) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	19.64	36
2695	Design and development of bimetallic nanostructured photocatalyst for selective conversion of carbon dioxide to fuels	DST-SERB-CRG	Chetty,R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	60.98	36
2696	Design and development of biodegradable metal implants for orthopaedic and cardiovascular applications	DST-SERB-CRG	Pandey,P.M., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	45.61	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2697	Design and development of distributed energy resources assisted highly efficient and reliable power electronic transformer for off-grid rural electrification	DST-SERB-CRG	Chaturvedi,P., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	62.77	36
2698	Design and development of high gain reconfigurable wideband printed antennas	DST-SERB-CRG	Pandhare,R.A., Dr. (F) Bajaj Institute of Technology Arvi Road, Pipri Wardha - 442 001 Maharashtra	34.43	36
2699	Design and development of high-efficient PFC based AC-DC led driver for AC-grid fed led lighting system	DST-SERB-CRG	Narasimharaju,B.L., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	27.54	36
2700	Design and development of hybrid "PCM-Synthetic Jet" based heat sink for electronic cooling	DST-SERB-CRG	Das,M.K., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	38.31	36
2701	Design and development of low cost novel absolute encoder for industrial applications	DST-SERB-CRG	Chakraborty,B., Dr. (M) Bidhan Chandra Krishi Viswavidyalaya Nadia Mohanpur - 741 252 West Bengal	27.90	36
2702	Design and development of low cost single-phase fault tolerant multilevel inverter topology	DST-SERB-CRG	Gupta,S., Dr. (F) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	27.99	36
2703	Design and development of MEMS-based piezoelectric acoustic sensor for low frequency applications	DST-SERB-CRG	Prasad,M., Dr. (M) CSIR-Central Electronics Engineering Research Institute Transducers and Actuator Group Pilani - 333 031 Rajasthan	48.50	36
2704	Design and development of programmable forwarding plane for "Protocol as A Service" in software defined networks	DST-SERB-CRG	Kar,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	19.99	36
2705	Design and development of renewable energy based DC microgrid system for rural electrification	DST-SERB-CRG	Dhakar,A.K., Dr. (M) CSIR-Central Electronics Engineering Research Institute Power Electronics Group, Jhunjhunu Pilani - 333 031 Rajasthan	42.12	36
2706	Design and engineering of biomimetic nanofibrous scaffolds for bone tissue engineering	DST-SERB-CRG	Khandwekar,A.P., Dr. (M) Ajeenkya D. Y. Patil University D.Y. Patil Knowledge City Pune - 412 105 Maharashtra	35.51	36
2707	Design and experimental implementation of a nonlinear energy sink for targeted energy transfer of a beam carrying unbalanced rotor	DST-SERB-CRG	Kumar,A., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	25.95	36
2708	Design of asperity for textured metal surfaces to improve tribological characteristic in sliding: An in situ imaging approach	DST-SERB-CRG	Mahato,A., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	28.97	36
2709	Design of energy efficient computing systems for mobile vision applications	DST-SERB-CRG	Sarangi,S.R., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	38.73	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2710	Design of hearables with psychoacoustic integration	DST-SERB-CRG	George,N.V., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	36.89	36
2711	Design of light weight and cost effective PUF-enabled secure architecture for FPGA based IoT applications	DST-SERB-CRG	Sen,B., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	16.75	36
2712	Design, analysis and development of combined wave and wind energy multi-use platform	DST-SERB-CRG	Karmakar,D., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	43.31	36
2713	Design, development, and characterization of a dielectric elastomer-based variable focal length mirror	DST-SERB-CRG	Joglekar,M.M., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	42.91	36
2714	Designed synthesis of ultra-bright water soluble conjugate polymers to explore its colorimetric, fluorescent and photothermal sensing property	DST-SERB-CRG	Chowdhury,P., Dr. (M) Visva Bharati University Bolpur, Birbhum Santiniketan - 731 235 West Bengal	28.89	36
2715	Developing low cost bipolar transistors for analog and RF applications in 0.18µm CMOS technology	DST-SERB-CRG	Mohapatra,N.R., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	79.98	36
2716	Development and evaluation of cellulose based hydrogels for the repair of articular cartilage defects in animal models	DST-SERB-CRG	Manjubala,I., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	35.44	36
2717	Development and in-vitro characterization of magnesium alloys for biocompatible and biodegradable implant applications	DST-SERB-CRG	Amirthalingam,S., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Pappanamcode Thiruvananthapuram - 695 019 Kerala	42.38	36
2718	Development and validation of RoAS (Robot for Articulatory Simulation)	DST-SERB-CRG	Abraham,A.K., Dr. (M) All India Institute of Speech & Hearing Naimisham Campus, Manasagangotri Mysore - 570 006 Karnataka	32.27	36
2719	Development of a dielectric resonator based displacement sensor	DST-SERB-CRG	Kumar,P.A.V., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	20.75	36
2720	Development of a psycho-cognitive recommender system for weak learners in flipped learning scenario	DST-SERB-CRG	Patra,B.K., Dr. (M) National Institute of Technology (Rourkela) Sector-1 Rourkela - 769 008 Odisha	20.84	36
2721	Development of a rarefied gas dynamic code with coupled radiative heat transfer for high altitude hypersonics	DST-SERB-CRG	Bansal,A., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	26.50	36
2722	Development of a technique based on electrical and acoustic signals for localization of partial discharge in power transformers	DST-SERB-CRG	Kumbhar,G.B., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	33.53	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2723	Development of amorphous metal oxy-nitride semiconductors for TFTs	DST-SERB-CRG	Gaur,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	62.08	36
2724	Development of an electrostatic agricultural spray charging system as an attachment to a Knapsack mist blower	DST-SERB-CRG	Kampurath,V.P., Dr. (M) Vignani's Foundation for Science, Technology & Research Vadlamudi Village Guntur - 522 213 Andhra Pradesh	22.89	36
2725	Development of CNT- reinforced alumina composite for wear-resistant applications	DST-SERB-CRG	Mandal,N., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	43.04	36
2726	Development of ERT reconstruction Algorithms for accurate estimation of phase concentration in multi-phase flows	DST-SERB-CRG	Jampana,P.V., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	37.42	36
2727	Development of high power density solid state transformer using direct AC to AC power electronic conversion	DST-SERB-CRG	Nath,S., Dr. (F) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	37.00	36
2728	Development of interface layer of perovskite solar cells in view of silicon-perovskite tandem solar cell fabrication	DST-SERB-CRG	Tiwari,J.P., Dr. (M) CSIR-National Physical Laboratory Dr. K.S. Krishnan Marg, Pusa Gate New Delhi - 110 012 Delhi	41.33	36
2729	Development of modular multilevel converter for enhancing power quality and PV output power under partial shading conditions in grid-connected PV system	DST-SERB-CRG	Ganesan,S.I., Dr. (M) National Institute of Technology (Tiruchirapalli) Tanjore Main Road, NH 67 Tiruchendur - 620 015 Tamil Nadu	48.48	36
2730	Development of non thermal plasma system for liquid food sterilization	DST-SERB-CRG	Mahendran,R., Dr. (M) Indian Institute of Crop Processing Technology Pudukkottai Road Thanjavur - 613 005 Tamil Nadu	27.37	36
2731	Development of novel nano material based on graphene quantum dot and carbon nanohorn for detection of cancer biomarker	DST-SERB-CRG	Chattopadhyay,D., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	20.61	36
2732	Development of simulation tools and experimental validation for investigating the application of Al 7xxx (7050 Base Alloy) in aerospace and automotive sector	DST-SERB-CRG	Paliwal,M., Dr. (M) Indian Institute of Technology (Gandhinagar) Village Palaj, Simkheda Gandhinagar - 382 355 Gujarat	63.03	36
2733	Development of tough biomimetic alumina zirconia composite inspired by abalone nacre architecture	DST-SERB-CRG	Paul,A., Dr. (M) National Institute of Technology (Rourkela) Sector-1 Rourkela - 769 008 Odisha	59.96	36
2734	Development of ultraviolet PIN photodetectors by molecular beam epitaxy for solar blind focal plane arrays	DST-SERB-CRG	Bhattacharyya,A., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	63.92	24
2735	Dynamic analysis and design of dynamically balanced gait controller for lower limb exoskeleton	DST-SERB-CRG	Vundavilli,P.R., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	44.12	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2736	Dynamic game theoretical methods in the control of multi-agent systems with inequality constraints	DST-SERB-CRG	Reddy,P.V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	21.94	36
2737	Dynamics of radially expanding thin liquid sheets	DST-SERB-CRG	Tirumkudulu,M.S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	57.63	36
2738	Early detection of oral cancer using digital infrared thermal imaging	DST-SERB-CRG	Mukhopadhyay,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	54.35	36
2739	Effect of laser shock peening on the fatigue behaviour of nitinol shape memory alloy	DST-SERB-CRG	Gollapudi,S., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	35.42	36
2740	Effect of thermomechanical processing on microstructure and mechanical properties of Co-Cr-Cu-Fe-Ni-Si based eutectic high entropy alloys	DST-SERB-CRG	Chopkar,M.K., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	30.64	36
2741	Electrical treeing in nanodielectrics	DST-SERB-CRG	Gupta,N., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	47.51	36
2742	Electrothermal flows for thermal management of electronics	DST-SERB-CRG	Bhattacharya,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	32.07	36
2743	Energy harvesting smart windows using high contrast grating based planar concentrators for building integrated photovoltaics	DST-SERB-CRG	Pesala,B., Dr. (M) CSIR-Central Electronics Engineering Research Institute Post Box No. 1 Pilani - 333 031 Rajasthan	77.48	24
2744	Enhancement of thermal performance during quenching using surface modification	DST-SERB-CRG	Dash,S., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	52.87	36
2745	Enhancements of model predictive control for batch/semi-batch processes	DST-SERB-CRG	Kodamana,H., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	33.44	36
2746	Experimental and computational analyses of flow-induced heat transfer deterioration in supercritical natural circulation loop	DST-SERB-CRG	Basu,D.N., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	47.26	36
2747	Experimental and numerical model study of urban flood - old proposal number flood	DST-SERB-CRG	Kuiry,S.N., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	47.05	36
2748	Experimental and power plant simulation studies on co-chemical looping combustion of coal and biomass in the context of clean fuel utilization	DST-SERB-CRG	Vairakannu,P., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	37.39	36
2749	Experimental and theoretical investigations of complex rheological behaviors in time dependent (Aging) soft materials	DST-SERB-CRG	Joshi,Y.M., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	60.54	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2750	Experimental investigations on weldability of CRNGO electrical steel through cold metal transfer	DST-SERB-CRG	Lautre,N.K., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	34.27	36
2751	Experimental study of film evolution for a surfactant-laden viscous liquid film falling down a vertical cylinder with a major focus on mechanisms of lung airway closure and flow instabilities occurring in coating flows	DST-SERB-CRG	Gaurav, Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	49.78	36
2752	Experiments and modelling of wall-bounded flow of lubricating magnetorheological grease	DST-SERB-CRG	Sarkar,C., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	19.21	36
2753	Fabrication of infrared photo-detector based on 2D systems and tuning the detection window by coupling with nanostructures	DST-SERB-CRG	Singha,A., Dr. (M) Bose Institute 93/1, Acharya Prafulla Chandra Road Kolkata - 700 009 West Bengal	65.19	36
2754	Flow of granular materials through a vertical channel: Comparison between experiments, DEM simulations and predictions of continuum models	DST-SERB-CRG	Kaza,K.R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	25.02	36
2755	Form-finding and load analysis of tensile membrane structures by stochastic optimisation	DST-SERB-CRG	Ghosh,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	35.51	36
2756	Full-duplex relay selection in mimo cognitive radio networks	DST-SERB-CRG	Tyagi,A., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	19.68	36
2757	Global stability analysis of flow between eccentric rotating cylinders	DST-SERB-CRG	Narayanan,V., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Gandhinagar - 382 424 Gujarat	21.10	36
2758	Guiding hydrodynamically interacting micro-swimmers	DST-SERB-CRG	Thampi,S.P., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	40.17	36
2759	HDR-GIF and HDR video generation for dynamic scenes	DST-SERB-CRG	Shanmuganathan,R., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	40.94	36
2760	Heat transfer and material flow modeling of additive manufacturing of dissimilar materials	DST-SERB-CRG	Arora,A., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Gandhinagar - 382 424 Gujarat	31.02	36
2761	High efficiency GaN based leds using dot in a wire with increased quantum confinement and large internal/external quantum efficiency	DST-SERB-CRG	Ganguly,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	79.56	36
2762	High entropy alloy nanoparticles and coatings	DST-SERB-CRG	Srivastava,C., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	23.10	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2763	High performance low voltage flexible organic field-effect transistors for circuit and sensing applications	DST-SERB-CRG	Tiwari,S.P., Dr. (M) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	51.70	36
2764	High speed carrier and photon dynamics in GaN nano-structure leds and lasers and resulting effect in high frequency performance	DST-SERB-CRG	Saha,D., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	79.40	36
2765	High yield exfoliation of layered metal diborides to synthesize boron analogs of graphene for developing a new class of energy storage nanocomposites	DST-SERB-CRG	Jasuja,K., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	37.54	36
2766	High-entropy nano-eutectic composites: Development of a new class of high strength structural alloys	DST-SERB-CRG	Das,J., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	48.72	36
2767	Hybrid casting approach for manufacturing magnesium anocomposites	DST-SERB-CRG	Poovazhagan,L., Dr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), Kanchipuram Kalavakkam - 603 110 Tamil Nadu	24.94	36
2768	Hydro-mechanical behavior of compacted soils under varied stress state and saturation conditions	DST-SERB-CRG	Sathiyamoorthy,R., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	32.29	36
2769	Imagining how a cell thinks: The design of biochemical circuits that do inference, learning and control	DST-SERB-CRG	Gopalkrishnan,M., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	31.06	36
2770	Influence of binary and ternary cementitious composites on the engineering properties of interfacial transition zone of reinforced concrete exposed to aggressive environments	DST-SERB-CRG	Das,B.B., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	32.96	36
2771	Influence of polymer dosage and nature of bitumen on the microstructural and rheological characteristics of polymer modified binders	DST-SERB-CRG	Roy,N., Dr. (F) Mar Baselios College of Engineering & Technology Mar Ivanios Vidyanaagar, P.O Nalanchira Thiruvananthapuram - 695 015 Kerala	20.19	36
2772	Influence of process conditions on the magnetoelectric response in Physical Vapour Deposited (PVD) bilayer ferrimagnet/ferroelectric multiferroic composite system	DST-SERB-CRG	Venkataramani,N., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	46.73	24
2773	Integrated device simulation platform for magnetic random access memories	DST-SERB-CRG	Muralidharan,B., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	39.00	36
2774	Interdiffusion and corrosion studies in the Fe.Al based systems related to aluminide coatings on steel	DST-SERB-CRG	Baheti,V.A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	45.23	36
2775	Intricate porous scaffold via pickering - High internal phase emulsion templating	DST-SERB-CRG	Srivastav,R.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	37.59	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2776	Investigation on data-driven event detection using Indian power grid's synchrophasor data	DST-SERB-CRG	Roy,D.S., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhrach Shillong - 793 003 Meghalaya	19.41	36
2777	Investigations in topological codes, quantum fractal codes and non-abelian color codes with a view to fault tolerant quantum computing	DST-SERB-CRG	Sarveplli,P.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	21.84	36
2778	Investigations of formation of microwave plasma during drilling of metallic materials through in-situ monitoring	DST-SERB-CRG	Sharma,A.K., Dr. (M) Indian Institute of Technology (Roorkee) Haridwar Roorkee - 247 667 Uttarakhand	41.20	36
2779	Low salinity water/surfactant/nanoparticles enhanced oil recovery for brownfield Indian oil reservoirs using microfluidics experiments	DST-SERB-CRG	Sangwai,J.S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.75	36
2780	Mango waste valorization through biorefinery concept: A sustainable and greener approach	DST-SERB-CRG	Desai,M.A., Dr. (F) Sardar Vallabhbhai National Institute of Technology Ichchhanath Surat - 395 007 Gujarat	50.61	36
2781	Mechanical and micro-structural characterization of Additive Friction Stirred (AFS) 3D structures made of Al 6061 T6 aluminium powder	DST-SERB-CRG	Saha,P., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	21.71	36
2782	Mechanism of phase formation during electrochemical deposition of Si from ionic liquid bath	DST-SERB-CRG	Mukhopadhyay,I., Dr. (M) Pandit Deendayal Petroleum University Raisan Gandhinagar - 382 007 Gujarat	49.31	36
2783	Membrane solvent extraction processes for extracting lanthanum and cerium metals from leach solutions of monazite sands and recyclable consumer products	DST-SERB-CRG	Agrahari,G.K., Dr. (M) Rajiv Gandhi Institute of Petroleum Technology Doorbhash Nagar, Ratapur Chowk Rae Bareilly - 229 316 Uttar Pradesh	40.89	36
2784	Mesoporous nanocomposites for controlling microbially induced corrosion caused by sulfate reducing bacteria	DST-SERB-CRG	Ramanan,S.R., Dr. (F) Birla Institute of Technology & Science (Pilani) K.K. Birla Goa Campus, NH 17B, Sancoale Zuarinagar - 403 726 Goa	32.60	36
2785	Metabolic regime control for production of biotherapeutics	DST-SERB-CRG	Gomes,J., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	45.45	36
2786	Microarchitectural techniques to design a secure processor	DST-SERB-CRG	Rao,N., Dr. (F) International Institute of Information Technology 26/C, Opp. Infosys (Gate-1) Electronics Bengaluru - 560 100 Karnataka	28.79	36
2787	Microdroplet analysis and quantification of biomolecules	DST-SERB-CRG	Roy,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	59.07	36
2788	Microfluidic platforms for investigating flow induced structure formation in particle laden polymeric flows	DST-SERB-CRG	Kumar,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	59.85	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2789	Micromechanics based fatigue life prediction model for unidirectional composites under compression-torsion fatigue loading	DST-SERB-CRG	Yerramalli,C.S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	30.98	36
2790	Micromechanics of defects in thin elastic structures	DST-SERB-CRG	Gupta,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	23.60	36
2791	Modeling and simulation of large strain mesoscale plastic flow for deformation processing of structural components	DST-SERB-CRG	Sundaram,N.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	23.77	36
2792	Monolithic microwave high power phase shifter & filter	DST-SERB-CRG	Kuanr,B.K., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	79.90	36
2793	Morphological and neurobiological changes in Spinocerebellar Ataxia affected patients (SCA) through MRI techniques using computer vision based analysis	DST-SERB-CRG	Senthikumaran,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	65.23	36
2794	Multiscale modeling for quantitative prediction of protein aggregation kinetics	DST-SERB-CRG	Goel,G., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	38.19	36
2795	Multiscale understanding of nanoporosity evolution during selective dissolution of a metal alloy	DST-SERB-CRG	Chatterjee,A., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	44.40	36
2796	Nanoparticle enhanced phase change material microcapsules/fibers for advanced energy storage and allied applications	DST-SERB-CRG	Reddy,P.D., Dr. (M) Jawaharlal Nehru Technological University Bangalore Road Anantapur - 515 002 Andhra Pradesh	30.36	36
2797	Nanopatterned bioactive functionally graded porous Ti spinal fusion device with antibacterial activity and cell compatibility fabricated by 3 D metal printer	DST-SERB-CRG	Pattanayak,D.K., Dr. (M) CSIR-Central Electrochemical Research Institute Sivaganga Karaikudi - 630 001 Tamil Nadu	40.04	36
2798	Nanostructured silicon-carbon hybrid anodes with high rate capability and cyclic stability for lithium ion batteries	DST-SERB-CRG	Behera,S.K., Dr. (M) National Institute of Technology (Rourkela) Sector-1 Rourkela - 769 008 Odisha	79.05	36
2799	Next generation high performance in situ generated nano particles embedded sustainable antifouling ceramic-polymer composite NF membranes: Preparations, modifications and application aimed at water/drinking water treatment	DST-SERB-CRG	Mondal,P., Dr. (F) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	25.75	36
2800	Non-linear and non-classical thermo-mechanical analysis of functionally graded cylinders: Asymptotically accurate analytic formulation	DST-SERB-CRG	Padhee,S.S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	38.81	36
2801	Oxide non-oxide composite refractory for high temperature applications utilising indigenous raw materials	DST-SERB-CRG	Tripathi,H.S., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	45.62	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2802	Passive stall control of turbomachinery blades using leading edge tubercles	DST-SERB-CRG	Kushari,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	50.43	36
2803	Performance investigation of grid connected micro multilevel inverter based solar photovoltaic system	DST-SERB-CRG	Mittal,A., Dr. (M) Maulana Azad National Institute of Technology (Bhopal) Link Road Number 3, Harshvardhan Nagar Bhopal - 462 003 Madhya Pradesh	46.75	36
2804	Photoresponsive actuation of thin polymer films: Modeling and experiments	DST-SERB-CRG	Annabattula,V.V.S.D.R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	43.11	36
2805	Physical and Mathematical modeling of centrifugal atomization process for powder production	DST-SERB-CRG	Sarkar,S., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	42.43	36
2806	Polarization conversion and rotation using micro-ring resonator and its application to design binary and multi-valued logic circuits in optical domain	DST-SERB-CRG	Rakshit,J.K., Dr. (M) National Institute of Technology (Agartala) Barjala, Jirania Agartala - 799 046 Tripura	26.39	36
2807	Polymer crystallization under confinement in electrospun nanofibers	DST-SERB-CRG	Nandan,B., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khan New Delhi - 110 016 Delhi	45.75	36
2808	Precise and scalable pointer analysis	DST-SERB-CRG	Khedker,U.P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	10.43	36
2809	Process development for oil/fat to powder by encapsulation for food and nutritional applications	DST-SERB-CRG	Nisha,P., Dr. (F) CSIR-National Institute for Interdisciplinary Science & Technology P.O.Industrial Estate, Pappanamcode Thiruvananthapuram - 695 019 Kerala	23.48	36
2810	Protease-catalyzed synthesis of lysine oligopeptides	DST-SERB-CRG	Rajesh,M.P., Dr. (M) S.R.M. University Hospital Road, Potheri, Kancheepuram Kattankulathur - 603 203 Tamil Nadu	26.25	36
2811	Prototype design and field testing of an elephant early warning system	DST-SERB-CRG	Deb,S., Dr. (M) Bannari Amman Institute of Technology Alathukombai Post, Sathyamangalam Erode - 638 401 Tamil Nadu	9.83	24
2812	Rapid and simultaneous stage-controlled intercalation and exfoliation of graphite	DST-SERB-CRG	Shukla,A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	46.34	36
2813	Realization and implementation of wide-area disturbance monitoring and protection methodology for future grids using PMUs	DST-SERB-CRG	Reddy,M.B., Dr. (M) National Institute of Technology (Tiruchirapalli) Tanjore Main Road, NH 67 Tiruchirappalli - 620 015 Tamil Nadu	31.57	36
2814	Real-time control and energy management for seamless operation of DC microgrid in grid-connected and stand-alone modes	DST-SERB-CRG	Panda,G., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhrach Shillong - 793 003 Meghalaya	44.56	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2815	Role of short range ordering in designing high entropy alloys	DST-SERB-CRG	Jindal,V., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	41.36	36
2816	Rural health care improvement for early detection of NVD & NVE in Diabetic Retinopathy	DST-SERB-CRG	Biswal,B., Dr. (M) Gayatri Vidya Parishad College of Engineering Madhurawada Visakhapatnam - 530 048 Andhra Pradesh	21.74	36
2817	Seamless transition of interconnected and islanded operation of DCmicrogrid using hybrid PV fuel cell system	DST-SERB-CRG	Vaisakh,K., Dr. (M) Andhra University College of Engineering Andhra University, Karachettu Road Visakhapatnam - 530 003 Andhra Pradesh	31.88	36
2818	Selective extraction and purification of commercially valuable pigment Melanin from Cephalopod ink and its industrial effluent	DST-SERB-CRG	Iyyaswami,R., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	49.79	36
2819	Smart dynamic energy management for the built environment with integrated renewable energy	DST-SERB-CRG	Rizwan,M., Dr. (M) Delhi Technological University Bawana Auchandi Road, Shahabad Daulatpur, Rohini New Delhi - 110 075 Delhi	31.06	36
2820	Soft-wall turbulence	DST-SERB-CRG	Kumaran,V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	29.70	36
2821	Solar energy driven green hydrogen generation from water using reduced graphene oxide based photo-catalyst and co-catalyst	DST-SERB-CRG	Kargupta,K., Dr. (F) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	36.66	36
2822	Soluble lead redox flow battery: Cycleability and impact of forced and concentration gradient driven natural convection	DST-SERB-CRG	Gupta,S.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	66.54	36
2823	Strain, microstructure and defect induced effects on ferroic domains of morphotropic phase compositions in lead free ferroelectric thin films	DST-SERB-CRG	Ramadurai,R., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	59.22	36
2824	Structural behaviour of corroding prestressed concrete systems and extension of service life using cathodic protection	DST-SERB-CRG	Sengupta,A.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	39.60	36
2825	Study for label free optical detection of snake venom protein using surface plasmon resonance technique	DST-SERB-CRG	Mondal,B., Dr. (M) Tezpur University District Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	47.52	36
2826	Study of the effect of asymmetric potential well structure on the channel conductivity of III - V compound semiconductor based Quantum Well Field Effect Transistor (QWFET)	DST-SERB-CRG	Panda,A.K., Dr. (M) National Institute of Science & Technology Palur Hills, Golanthara Berhampur - 761 008 Odisha	35.71	36
2827	Study on impact of metal nanoparticle on axial N-ZnO/p-CuO heterostructure nanowire for UV detector application	DST-SERB-CRG	Dhar,J.C., Dr. (M) National Institute of Technology (Nagaland) Chumukedima Dimapur - 797 103 Nagaland	51.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2828	Synchronization in complex interconnected network of a class of systems using contraction theory	DST-SERB-CRG	Sharma,B.B., Dr. (M) National Institute of Technology (Hamirpur) Anu Road Hamirpur - 177 005 Himachal Pradesh	18.92	36
2829	Synergistic effect of phosphonium, ammonium based ionic liquid and nano lubricants on the tribological and rheological properties	DST-SERB-CRG	Vasu,V., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	17.64	36
2830	Synthesis of mononuclear as well as homo and hetero dinuclear complexes of Cu(II) and Zn(II) with hard-soft donor ligands and evaluation of their anticancer activities	DST-SERB-CRG	Kumar,M., Dr. (F) Birla Institute of Technology & Science (Pilani) NH 17B, By-Pass Road, Sancoale Zuarinagar - 403 726 Goa	23.06	36
2831	Synthesis of nanozeolites and development of highly stable Mixed Matrix Membranes (MMM) for dehydration of hydrazine hydrate via pervaporation	DST-SERB-CRG	Suggala,S.V., Dr. (M) Jawaharlal Nehru Technological University Bangalore Road Anantapur - 515 002 Andhra Pradesh	32.79	36
2832	Tailoring the ordered Fe-Al or B ₂ precipitate in low-density steel for strengthening	DST-SERB-CRG	Ghosh,S., Dr. (M) Indian Institute of Technology (Roorkee) Century Road Roorkee - 247 667 Uttarakhand	27.21	36
2833	Technology development for the production of natural colorant (Chlorophyll) from isolated microalgae	DST-SERB-CRG	Gayen,K., Dr. (M) National Institute of Technology (Agartala) Jirania Agartala - 799 046 Tripura	32.23	36
2834	Tetravalent metal pyrophosphate-alkali carbonate composite electrolytes for fuel cells operating in intermediate-temperature range	DST-SERB-CRG	Singh,B., Dr. (M) CSIR-Advanced Materials & Processes Research Institute Hoshangabad Road, Near Habibganj Naka Bhopal - 462 026 Madhya Pradesh	58.54	24
2835	The mechanics of severe plastic deformation in porous soft rocks	DST-SERB-CRG	Murthy,T.G., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	39.80	36
2836	Theoretical and experimental analysis on the design of compound reconfigurable reflectarray antenna with an integrated electronic control system	DST-SERB-CRG	Alsath,G.N., Dr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai (Omr) Kalavakkam - 603 110 Tamil Nadu	36.74	36
2837	Theoretical and experimental study of wave propagation in granular metamaterials	DST-SERB-CRG	Jayaprakash,K.R., Dr. (M) Indian Institute of Technology (Gandhinagar) Village Palaj, Simkheda Gandhinagar - 382 355 Gujarat	30.92	36
2838	Topological data analysis: Tools for multivariate	DST-SERB-CRG	Chattopadhyay,A., Dr. (M) International Institute of Information Technology 26/C, Opp. Infosys (Gate-1) Electronics Bengaluru - 560 100 Karnataka	26.65	36
2839	Topological development of a single-stage, high-frequency isolated, modular PV inverter with AC-coupled battery integrated operation for 1KW solar roof-top application	DST-SERB-CRG	Chattopadhyay,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	44.20	36
2840	Transition to turbulence in rough couette flows	DST-SERB-CRG	Narasimhamurthy,V.D., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	26.77	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2841	Turbulent suspensions: Modeling and experiments	DST-SERB-CRG	Goswami,P.S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	56.51	36
2842	Ultra-sensitive simultaneous detection of heavy metals in air borne particulates via electrochemical analysis	DST-SERB-CRG	Sarkar,P., Dr. (M) Calcutta Institute of Technology Banitable, Uluberia Howrah - 711 316 West Bengal	51.74	36
2843	Unassisted solar water splitting using nanostructured n-BiVO4 and p-Cu2O tandem cell for hydrogen production	DST-SERB-CRG	Sellappan,R., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.36	36
2844	Understanding the delivery of nanoparticles to liposomes using electroporation	DST-SERB-CRG	Thaokar,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	43.29	36
2845	Understanding the mica-based machinable glass ceramics systems from an unprecedented perspective of processing-microstructure-property correlation using novel heat treatment techniques, advanced microstructural and crystallographic orientation ..	DST-SERB-CRG	Roy,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	71.32	36
2846	Up gradation of Indian iron ore fines (-1 mm + 45 um), slimes, low grade ores and tailings by teeter bed separator	DST-SERB-CRG	Mohanta,S., Dr. (M) Indira Gandhi Institute of Technology At/P.o.: Sarang Dhenkanal - 759 146 Odisha	26.80	36
2847	Vortex ring and bubble interaction: Towards understanding drag reduction in turbulent boundary layers using air bubble injection	DST-SERB-CRG	Govardhan,R.N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	35.60	36
2848	Whole body vibration exposure on HEMM operators in surface coal mines - An assessment of various contributing factors	DST-SERB-CRG	Palei,S.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	40.04	36
2849	2D layered materials based biosensors for early diagnosis of Lung cancer	DST-SERB-ECRA	Ghosh,R., Dr. (F) Indian Institute of Technology (Dharwad) Belur Industrial Area, P.B..Road Dharwad - 580 011 Karnataka	36.38	36
2850	2D molecular architecting by interface engineering for high mobility field effect devices and 3D nanoelectronics device integration in flexible displays	DST-SERB-ECRA	Sagade,A.A., Dr. (M) S.R.M. University Department of Physics & Nanotechnology Kattankulathur - 603 203 Tamil Nadu	36.70	36
2851	3D printed aminosilica monoliths: A practically scalable technology for CO2 capture	DST-SERB-ECRA	Loganathan,S., Dr. (F) CSIR-Central Electrochemical Research Institute College Road, Karaikudi Sivagangai - 630 003 Tamil Nadu	42.11	36
2852	3D printing of graphene nanocomposites for energy storage applications	DST-SERB-ECRA	Penumakala,P.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	24.30	36
2853	A data-intensive groundwater modelling approach for evaluating sustainability of groundwater use	DST-SERB-ECRA	Sampath,P.V., Dr. (M) Indian Institute of Technology (Tirupati) Renigunta Road, Chittoor Tirupati - 517 506 Andhra Pradesh	27.87	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2854	A flexible and wearable smart electrode bandage for accelerated wound healing through electrical stimulation	DST-SERB-ECRA	Maji,D., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	31.63	36
2855	A low-cost, high resolution optoacoustic imaging system for diagnosing and monitoring Rheumatoid Arthritis	DST-SERB-ECRA	Patra,R., Dr. (F) Indian Institute of Information Technology Ambari, Gopinath Bordoloi Road Guwahati - 781 001 Assam	31.75	36
2856	A novel machine vision based in-situ IoT solution for characterization of abrasive waterjet milled surfaces in aerospace alloys	DST-SERB-ECRA	Devadula,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	43.83	36
2857	A peridynamics-like framework to predict failure of concrete structures	DST-SERB-ECRA	Sarkar,S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	18.05	36
2858	A robust medical image forensics system for smart healthcare	DST-SERB-ECRA	Dutta,T., Dr. (F) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	14.08	24
2859	A study on energy barrier to buckling in cylindrical shells	DST-SERB-ECRA	Jose,S., Dr. (M) Birla Institute of Technology & Science (Pilani) NH 17B Bypass-Road, Sancoale Zuarinagar - 403 726 Goa	32.88	36
2860	Achieving improved operation of six pulse DC bus electrolytic capacitor-less three phase inverter	DST-SERB-ECRA	Ghoshal,A., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	23.30	36
2861	Adaptive parameter estimation & adaptive control of partial differential equations	DST-SERB-ECRA	Natarajan,V., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	16.13	36
2862	All ceramic magneto-electric multiferroic based energy harvesters	DST-SERB-ECRA	Rathore,S.S., Dr. (M) Manipal University Vatika Infotech City, Thikaria Jaipur - 302 026 Rajasthan	45.28	36
2863	An effective predictive torque controlled permanent magnet synchronous motor drive for a photo-voltaic based hybrid electric vehicle with reduced CO2 emissions	DST-SERB-ECRA	Kumar,V., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	26.21	36
2864	An investigation of the unconventional tandem flapping foil propulsion mechanism for underwater vehicles	DST-SERB-ECRA	Dash,S.M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	45.81	36
2865	Analysis of instabilities under nonlinear deformation of membranes made of smart polymers	DST-SERB-ECRA	Saxena,P., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	16.51	36
2866	Analytical modelling and simulation of III-V nanostructure based hybrid solar cells	DST-SERB-ECRA	Samajdar,D.P., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Pandit Dwarka Prasad Mishra, Dumna Airport Road Jabalpur - 482 005 Madhya Pradesh	26.70	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2867	Analytical solution of the hillslope Boussinesq equation considering unsteady boundary and variable recharge with bedrock seepage	DST-SERB-ECRA	Sarmah,R., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	27.75	36
2868	Application of Water-stable Metal Organic Frameworks (WMOF) for the detection of odorants & emerging pollutants/ pesticides in wastewater	DST-SERB-ECRA	Kumar,P., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	52.78	36
2869	Applications of artificial intelligence for learning and optimization in next generation wireless networks	DST-SERB-ECRA	Hanawal,M.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	17.04	36
2870	Assessment of the relationship between global climatic precursors and hydrological extremes through probabilistic graphical models	DST-SERB-ECRA	Chanda,K., Dr. (F) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	25.50	36
2871	Atomistic modeling of dislocation properties by computation of generalized stacking fault energy	DST-SERB-ECRA	Dutta,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	48.63	36
2872	Automatic driver assistance technology: Fog removal in videos	DST-SERB-ECRA	Murala,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	28.31	36
2873	Blast analysis of functionally graded material plate and shell panels	DST-SERB-ECRA	Pandey,S., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	17.36	36
2874	CCDA: Tool support for detecting and analyzing high-level code clones in software to re-engineer legacy systems for reuse	DST-SERB-ECRA	Kumar,K., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	16.21	36
2875	Characterization and development of magnetically impelled Arc butt welding for boiler graded tube materials T11, T91	DST-SERB-ECRA	Subramanian,R.K., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	33.03	36
2876	Characterizing the flexoelectric phenomena in monolayer/ layered hexagonal boron nitride nanosheets and development of their nanoelectromechanical systems	DST-SERB-ECRA	Kundalwal,S.I., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	18.33	36
2877	Climate impact on water and sediment fluxes in Damodar river basin using Joint UK Land Environment Simulator (JULES)	DST-SERB-ECRA	Remesan,R., Dr. (M) Indian Institute of Technology (Kharagpur) Midnapore - 721 302 West Bengal	23.28	36
2878	Combined experimental and modelling study of stress corrosion cracking in ferritic steels	DST-SERB-ECRA	Adlakha,I., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	49.45	36
2879	Computational and experimental study of damage and failure in carbon/glass fiber reinforced composite materials	DST-SERB-ECRA	Muthu,N., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	49.59	36
2880	Computationally efficient modeling of magnetostrictive materials with application to vibration energy harvesting	DST-SERB-ECRA	Santapuri,S., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	45.49	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2881	Conceptualizing strategies for efficient information dissemination and resource management in internet of vehicles	DST-SERB-ECRA	Pata,M., Dr. (F) Indian Institute of Technology (Guwahati) Near DouI Gobinda Road, Amingaon Guwahati - 781 039 Assam	18.52	36
2882	Confined living fluids - Bacterial motility on surfaces	DST-SERB-ECRA	Roy,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	31.41	36
2883	Continuous polymorphic crystallisation of active pharmaceutical ingredients in a slug-flow-cooling-crystalliser	DST-SERB-ECRA	Parambil,J.V., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	32.08	36
2884	Control of multi-agent systems with human intervention	DST-SERB-ECRA	Mulla,A.K., Dr. (M) Indian Institute of Technology (Dharwad) Walmi Campus, Belur Industrial Area, PB Road Dharwad - 580 011 Karnataka	16.35	36
2885	Controlled synthesis of MoO3 nanoparticles inside mesoporous material for oxidative dehydrogenation of organic molecules with CO2	DST-SERB-ECRA	Shinde,V.M., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	32.29	36
2886	Controlling the vibrational dynamics of fluid-carrying flexible tubes via acoustic irradiation	DST-SERB-ECRA	Deepu,P., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	26.55	36
2887	Cooperative path planning of autonomous vehicles	DST-SERB-ECRA	Hota,S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	31.68	36
2888	Damage evaluation of honeycomb sandwich structures with CNT reinforced composite and FGM faceplates subjected to elevated temperatures under low and high velocity impact loads	DST-SERB-ECRA	Sreehari,V.M., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	29.48	36
2889	Design & development of co-axial synthetic jet for electronics cooling	DST-SERB-ECRA	Arumuru,V., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	32.11	36
2890	Design & development of compact & wideband dielectric resonator antennas	DST-SERB-ECRA	Patel,P., Dr. (F) National Institute of Technology (Goa) Farmagudi Ponda - 403 401 Goa	51.39	36
2891	Design & development of dogbone metamaterial based electromagnetic cloaking for microwave applications	DST-SERB-ECRA	Sarin,V.P., Dr. (M) Government College Chittur, Ambattupalayam Palakkad - 678 104 Kerala	29.70	36
2892	Design and development of a novel plasma processing set up for uniform nano-polishing of Prism and any freeform surfaces of fused silica	DST-SERB-ECRA	Das,M., Dr. (M) Indian Institute of Technology (Guwahati) Near DouI Gobinda Road, Amingaon Guwahati - 781 039 Assam	49.83	36
2893	Design and development of a W-band front-end for imaging applications using silicon-germanium technology	DST-SERB-ECRA	Gande,A.K., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	37.50	36

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2894	Design and development of high-end pediatric prosthetic knee joint with deep squat feature and stance-swing-stair control mechanism to enhance the leverage capability	DST-SERB-ECRA	Arun,S., Dr. (M) CSIR-National Aerospace Laboratories Post Box No. 1779, Kodihalli Bengaluru - 560 017 Karnataka	21.98	36
2895	Design and development of micro seismic based technique for monitoring and prediction of slope failure in Pandoh, Himachal Pradesh, India	DST-SERB-ECRA	Verma,A.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	49.77	36
2896	Design and development of miniaturized cost-effective antennas for Internet of Things and 5G technology	DST-SERB-ECRA	Sharma,A., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Rajpura - 140 001 Punjab	50.08	36
2897	Design and development of multi-bit phase change memory devices for next-generation high density non-volatile memory applications	DST-SERB-ECRA	Pandey,S.K., Dr. (M) National Institute of Technology (Silchar) Cachar Silchar - 788 010 Assam	44.77	36
2898	Design and development of multifunctional reconfigurable antenna for navigation receiver system	DST-SERB-ECRA	Choukiker,Y.K., Dr. (M) Vellore Institute of Technology University Chennai - 632 014 Tamil Nadu	20.96	36
2899	Design and development of novel adsorption systems for green refrigeration and CO ₂ capture	DST-SERB-ECRA	Sahoo,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	41.92	36
2900	Design and development of smart wearable device for onsite monitoring health, physical activity and fatigue level	DST-SERB-ECRA	Saha,B., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	36.71	36
2901	Design and evaluation of demosaicking techniques for low cost and efficient multispectral imaging systems	DST-SERB-ECRA	Goyal,P., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	31.42	36
2902	Design and fabrication of MEMS bionics sensors for Autonomous Underwater Vehicles (AUVs)	DST-SERB-ECRA	Sharma,A., Dr. (M) Centre for Materials for Electronics Technology (C-MET) IDA Phase III, Cherlapally Hyderabad - 500 051 Telangana	43.19	36
2903	Design, development and demonstration on biochar production strategies for sustainable agricultural livelihoods	DST-SERB-ECRA	Balasubramanian,P., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	30.10	36
2904	Design, operation and control of smart transformer-based microgrid system	DST-SERB-ECRA	Kumar,C., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	52.83	36
2905	Developing soft sensors for copolymerization monitoring and control based on reaction calorimetry	DST-SERB-ECRA	Ram,D.V., Dr. (F) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	37.80	36
2906	Development and hardware implementation of a neuromorphic audio-visual saliency model and deep learning architecture for automated surveillance systems	DST-SERB-ECRA	Thakur,C.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	33.40	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2907	Development of a five-phase SRM for in-wheel drive application with fault-tolerant features for plug-in electric vehicles suitable for Indian roads	DST-SERB-ECRA	Payami,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	53.39	36
2908	Development of a risk stratification system for clinical management of sickle cell disease using predictive machine learning approaches	DST-SERB-ECRA	Singh,B.K., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	16.07	36
2909	Development of adaptive Algorithms for solving many-objective optimization problems: Application in machine learning	DST-SERB-ECRA	Saha,S., Dr. (F) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	19.97	36
2910	Development of bionanoplatform-based ultrasensitive sensor for the detection of food contaminants with enhanced portability and regenerability	DST-SERB-ECRA	Kumar,V., Dr. (M) National Agri-Food Biotechnology Institute C-127, Industrial Area, S.A.S. Nagar, Phase 8 Mohali - 160 071 Punjab	41.20	36
2911	Development of coordination and control schemes for grid connected variable speed wind generators under unbalanced and low voltage conditions	DST-SERB-ECRA	Vanjari,S.S., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	37.14	36
2912	Development of hybrid method to analyze the radiation characteristics of a dipole antenna near a perfectly conducting cylindrically curved screen	DST-SERB-ECRA	Kandimalla,D., Dr. (M) Indian Institute of Information Technology Sri City, Satyavedu Mandal Chittoor - 517 646 Andhra Pradesh	41.40	36
2913	Development of metal matrix nano-composites using selective laser melting process	DST-SERB-ECRA	Bhattacharya,A., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	52.89	36
2914	Development of multi-layered microstructure gradient functionally graded composite material using friction stir additive manufacturing	DST-SERB-ECRA	Imam,M., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	24.96	36
2915	Development of new two dimensional layer structure materials and technique for water splitting: Applications in hydrogen and oxygen evolution reactions	DST-SERB-ECRA	Pakhira,S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	53.11	36
2916	Development of nonlinear signal processing schemes for the assessment of neural and muscle functions	DST-SERB-ECRA	Karthick,P.A., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	39.12	36
2917	Development of tailor made Spur gears for light weight and heavy duty power transmission systems	DST-SERB-ECRA	Satheeshkumar,V., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	17.17	36
2918	Development of techniques to improve the targeting accuracy of surgical navigation systems	DST-SERB-ECRA	Balachandran,R., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	46.54	36
2919	Differential flatness based design, trajectory planning and control of bipedal walking robots	DST-SERB-ECRA	Sangwan,V., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	43.76	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2920	Direct cooling of the silicon photovoltaic module enabled by an array of micro-channels built-in the backside EVA-layer	DST-SERB-ECRA	Jaiswal,R.P., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	41.52	36
2921	Efficient removal of most penetrating particles (diameter~ 300 nm) from air/ water using supersonically-blown ultrafine PVDF nanofibers	DST-SERB-ECRA	Ray,S.S., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	48.64	36
2922	Elucidating composition-structure-property relationships in silicate glasses for fracture-and scratch-resistant applications	DST-SERB-ECRA	Krishnan,N.M.A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	49.96	36
2923	Energy efficient 5G hybrid optical wireless communication system based on high-speed FSO/ VLC interconnections	DST-SERB-ECRA	Anees,S., Dr. (F) Indian Institute of Information Technology Ambari, Gopinath Bordoloi Road Guwahati - 781 001 Assam	24.17	36
2924	Energy efficient software-defined wide-range wireline transceiver	DST-SERB-ECRA	Saxena,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	50.17	36
2925	Environmental impacts on the mechanical, thermal and electrical performance of CNT embedded fibrous polymeric composites: Effects of through thickness CNT alignment	DST-SERB-ECRA	Prusty,R.K., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	20.30	36
2926	Epitaxial growth of wide-bandgap β -Ga ₂ O ₃ thin films for high power switching applications	DST-SERB-ECRA	Verma,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	43.80	36
2927	Experimental and numerical study of adhesive bond/debond effect on electro-mechanical coupling behaviour of piezo-elastodynamic structure	DST-SERB-ECRA	Moharana,S., Dr. (F) Shiv Nadar University Village Chithera, Tehsil Dadri, Gautam Buddha Nagar Greater Noida - 203 207 Uttar Pradesh	28.22	36
2928	Experimental investigations and numerical assessment of Renal Calculi (Kidney stone) development and it's management	DST-SERB-ECRA	Agrawal,S., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	28.37	36
2929	FFR based non-orthogonal spectrum sharing among licensed operators	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	36.70	36
2930	Flexible memristors using 2D layered hybrid organic-inorganic perovskites	DST-SERB-ECRA	Mallajosyula,A.T., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	49.93	36
2931	Formulation of bio-functionalized cosmetic emulsions using biosurfactant and essential oil as green ingredients	DST-SERB-ECRA	Vivek,R., Dr. (M) Birla Institute of Technology & Science (Pilani) NH 17B, Sancoale Zuarinagar - 403 726 Goa	30.28	36
2932	Fracture analysis of CNT reinforced composites using Extended Isogeometric Analysis (XIGA) for structural applications in hygro-thermal environment	DST-SERB-ECRA	Bhardwaj,G., Dr. (M) Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	20.23	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2933	Fundamental Algorithms based on convex programming and spectral methods	DST-SERB-ECRA	Louis,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	19.88	36
2934	Ga2O3 based devices for high power applications	DST-SERB-ECRA	Dutta,G., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	49.49	36
2935	Gallium-Nitride (GaN) based high-voltage RF devices for defence/ space applications	DST-SERB-ECRA	Gupta,A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	54.96	36
2936	GNSS and NavIC reflectometry receiver for soil moisture monitoring	DST-SERB-ECRA	Biswas,S.K., Dr. (M) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	41.14	36
2937	Green synthesis of warm white light emitting single phase oxyfluoride phosphors for thermally stable, energy efficient and elevated color rendering LED lamps	DST-SERB-ECRA	Das,S., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Pappanamcode Thiruvananthapuram - 695 019 Kerala	43.19	36
2938	Harnessing artificial intelligence and multimodal information for health and societal virtue	DST-SERB-ECRA	Shah,R.R., Dr. (M) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	25.55	36
2939	Impact of circulatory patterns on disease progression in deformed arteries	DST-SERB-ECRA	Usmani,A.Y., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	49.59	36
2940	Implementation of deep learning Algorithms to develop web based ionospheric time delays forecasting system over Indian region using ground based GNSS and Navigation with Indian Constellation (NAVIC) observations	DST-SERB-ECRA	Gampala,S., Dr. (M) K.L. University Green Fields, Vaddeswaram, Kunchanapalli Post Guntur - 522 502 Andhra Pradesh	17.97	36
2941	Implementing automatic brain abnormality detection system using reactive optimized convolution neural networks	DST-SERB-ECRA	Sridhar,K.P., Dr. (M) Karpagam Academy of Higher Education Pollachi Main Road Coimbatore - 641 021 Tamil Nadu	32.29	36
2942	Improvement of fatigue and ductile fracture behavior of steel and aluminium alloy specimens by application of pulsed electric current	DST-SERB-ECRA	Paul,S.K., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	20.72	36
2943	In memory computing circuits for deep neural network hardware	DST-SERB-ECRA	Viraraghavan,J., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	42.75	36
2944	Innovative utilization of lignosulphonate - A non-traditional stabilizer on control & managemet of swell-shrink behavior of expansive clay	DST-SERB-ECRA	Subramanian,B., Dr. (F) S.R.M. Institute of Sciences & Technology Hospital Road, Potheri, Kattankulathur Kanchipuram - 603 203 Tamil Nadu	19.82	36
2945	Investigating scalable Algorithms for some macro-level transportation problems on graph based representation of road networks	DST-SERB-ECRA	Gunturi,V.M., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	14.71	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2946	Investigation of a portable, affordable and self-guided bedside ultrasound system for tissue and blood velocity imaging	DST-SERB-ECRA	Panicker,M.R., Dr. (M) Indian Institute of Technology (Palakkad) Kozhippara Palakkad - 678 557 Kerala	49.02	36
2947	Investigation of the carrier surface recombination in III-V semiconductors for on-chip nanophotonic applications	DST-SERB-ECRA	Emani,N.K., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	45.27	36
2948	Investigation of time-frequency approach to speech communication in real acoustic environments using spherical arrays	DST-SERB-ECRA	Kumar,L., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	48.75	36
2949	Investigation on temperature susceptibility of unmodified and modified bituminous binder	DST-SERB-ECRA	Rekha,P., Dr. (F) S.R.M. Institute of Sciences & Technology Hospital Road, Potheri, Kattankulathur Chennai - 603 203 Tamil Nadu	31.01	24
2950	Investigations into the impact mitigation capabilities of architected cellular elastomeric solids	DST-SERB-ECRA	Faye,A., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	50.59	36
2951	Investigations into the influence of 3-D surface topographic parameters and cross-hatch angle of cylinder liner surface on the friction and wear of piston ring-cylinder liner assembly	DST-SERB-ECRA	Lawrence,D.K., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	30.00	36
2952	Investigations of fluid and granular jet impact with erosion effects	DST-SERB-ECRA	Patil,D.V., Dr. (M) Indian Institute of Technology (Dharwad) Walim Campus, Belur Industrial Area, P.B. Road Dharwad - 580 011 Karnataka	2.85	36
2953	Investigations on performance and emission control in a hydrogen-diesel compression ignition engine using vortex tubes	DST-SERB-ECRA	Renganathan,M., Dr. (M) Vellore Institute of Technology University Vandalur, Kelambakkam Road Chennai - 600 127 Tamil Nadu	14.75	36
2954	Investigations on the origin of hydration induced yield limit variations in polymer electrolyte membranes	DST-SERB-ECRA	Kumar,P.K., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	49.98	36
2955	Large scale CFD modelling of the hydrodynamics and scour around offshore wind farms	DST-SERB-ECRA	Afzal,M.S., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Civil Engineering Midnapore - 721 302 West Bengal	30.38	36
2956	Laser forming of aluminium foam plate to produce curved surfaces	DST-SERB-ECRA	Chakraborty,S.S., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	36.17	36
2957	Low pressure ammonia synthesis using nitrides as catalysts	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	33.08	36
2958	Low temperature processable ferroelectric film based flexible pyroelectric generator for energy harvesting	DST-SERB-ECRA	Ramakrishnan,V.K.M., Dr. (M) S.R.M. Institute of Sciences & Technology Hospital Road, Potheri, Kattankulathur Kanchipuram - 603 203 Tamil Nadu	48.43	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2959	Machine learning for health and wellbeing: Big data analytics on continuous data from non-invasive monitoring of breathing and other biomarkers through wearable sensors	DST-SERB-ECRA	Tripathi,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	41.44	36
2960	Manipulation of wall turbulence by external forcing for investigating mechanisms causing surface friction drag on transport vehicles	DST-SERB-ECRA	Diwan,S.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.07	36
2961	Mechanical characterization of multi-functional CNT reinforced hybrid honeycomb core and its failure response assessment in integrated composite sandwich shell subjected to combined loading	DST-SERB-ECRA	Arumugam,A.B., Dr. (M) Sharda University Gautam Budha Nagar Greater Noida - 201 308 Uttar Pradesh	24.19	36
2962	Mechanistic approach to design composite metal - carbon nanofiber oxygen electrodes for high-performance metal-air batteries	DST-SERB-ECRA	Singhal,R., Dr. (F) Birla Institute of Technology & Science (Pilani) NH 17B Bypass Road, Sancale Zuarinagar - 403 726 Goa	45.60	36
2963	Microfluidic approach to study mechanical and fluid dynamic changes caused by biochemical stimuli leading to endothelial dysfunction	DST-SERB-ECRA	Gambhire,P., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	35.50	36
2964	Microwave inverse scattering for Breast Cancer detection	DST-SERB-ECRA	Khankhoje,U.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	19.57	36
2965	Mitigation of common mode issues in SiC converter Fed induction motor drive	DST-SERB-ECRA	Jayaraman,K., Dr. (F) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	33.30	36
2966	Modeling driver behavior profiles using naturalistic driving data for road safety analysis	DST-SERB-ECRA	Pawar,D.S., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	26.63	36
2967	Moment-shear interaction of unstiffened Steel I-sections subject to lateral torsional buckling	DST-SERB-ECRA	Subramanian,L.P., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	47.02	36
2968	Mucoadhesive dendrimers - based preservative-free ophthalmic nanoformulation of nepafenac	DST-SERB-ECRA	Kulhari,H., Dr. (M) Central University of Gujarat Sector-29 Gandhinagar - 382 030 Gujarat	37.30	36
2969	Multi-hazard performance assessment of highway bridges under seismic and blast loading	DST-SERB-ECRA	Sengupta,P., Dr. (F) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	26.85	36
2970	Multiscale modelling of noncarbon nanomaterials and their reinforced polymer composite materials and structures	DST-SERB-ECRA	Singh,S., Dr. (M) Birla Institute of Technology & Science (Pilani) NH 17B Bypass Road, Sancoale Zuarinagar - 403 726 Goa	19.52	36
2971	New insights into the localised corrosion of advanced metallic alloys using electron microscopy	DST-SERB-ECRA	Malladi,S.K., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	52.48	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2972	Novel glass-based solid electrolytes with high conductivity for room-temperature rechargeable Na-ion batteries	DST-SERB-ECRA	Allu,A.R., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	33.19	36
2973	Numerical simulations of flow over high-lift devices and associated airframe noise	DST-SERB-ECRA	Sharma,A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	15.09	36
2974	Performance evaluation of controller placement for software defined networks	DST-SERB-ECRA	Jaisingh,T., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	18.21	36
2975	Phonetic & prosodic analysis of Khasi language	DST-SERB-ECRA	Ramarao,C.V., Dr. (M) National Institute of Technology (Meghalaya) Bijnii Complex, Laitumkhrah Shillong - 793 003 Meghalaya	16.13	36
2976	Planning of process industries production to minimize carbon emissions and energy consumption	DST-SERB-ECRA	Chaturvedi,N.D., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	22.36	36
2977	Preparation and application of hybrid mesoporous particles for biomedical applications	DST-SERB-ECRA	Christopher,J.G., Dr. (M) CSIR-Central Leather Research Institute Sardar Patel Road, Adyar Chennai - 600 020 Tamil Nadu	21.59	36
2978	Process intensification of post-combustion CO ₂ capture using rotating packed bed reactor concept	DST-SERB-ECRA	Ranganathan,P., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	30.56	36
2979	Propagation and attenuation of shear waves inducing high strains in jointed rocks	DST-SERB-ECRA	Sebastian,R., Dr. (F) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	47.89	36
2980	Property testing of probability distributions with conditional samples and applications to cryptography	DST-SERB-ECRA	Bhattacharyya,R., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Khurda Bhubaneswar - 751 005 Odisha	20.00	36
2981	Resource dimensioning and management of smart and sustainable 5G small cells for rural broadband	DST-SERB-ECRA	Chamola,V., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	28.34	36
2982	Scheduling of precedence tasks with DVFS and duplication on heterogeneous multiprocessors	DST-SERB-ECRA	Singh,J., Dr. (M) Indian Institute of Information Technology Devghat, Jhalwa Allahabad - 211 012 Uttar Pradesh	17.98	36
2983	Scholarly information extraction from comparative charts and tables	DST-SERB-ECRA	Singh,M., Dr. (M) Indian Institute of Technology (Gandhinagar) Palaj Gandhinagar - 382 355 Gujarat	27.21	36
2984	Seismic design and performance verification of confined masonry walls for medium-rise buildings	DST-SERB-ECRA	Singhal,V., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	26.40	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
2985	Self-cleaning ultrathin microgel membranes for clean water & separation applications	DST-SERB-ECRA	Tripathi,B.P., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	48.73	36
2986	Signal processing perspectives on unsupervised graph learning	DST-SERB-ECRA	Siripuram,A., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	21.59	36
2987	Simulation-based optimization in a cumulative prospect theory framework	DST-SERB-ECRA	Prashanth,L.A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.90	36
2988	Simultaneous removal of NOX and SO ₂ from the flue gas: A low temperature ozone based process	DST-SERB-ECRA	Khuntia,S., Dr. (F) Ahmedabad University AES Bungalow #2, Navrangpura Ahmedabad - 380 009 Gujarat	43.30	36
2989	Smart visual surveillance	DST-SERB-ECRA	Venkata,S., Dr. (M) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	24.79	36
2990	Spin orbit torque driven magnetic domain wall and skyrmion based devices for artificial neural networks	DST-SERB-ECRA	Bhowmik,D., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	18.00	36
2991	Spinodal decomposition in Cu-Ag alloy thin films: A route to tunable plasmonics	DST-SERB-ECRA	Gupta,S.D., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	49.71	36
2992	Spin-orbit torque induced magnetization dynamics in perpendicular magnetic anisotropy materials for non-volatile memory and logic applications	DST-SERB-ECRA	Murapaka,C., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	49.96	36
2993	Static and dynamic analysis of welded slewing ring bearing for high thermal application	DST-SERB-ECRA	Babu,S., Dr. (M) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	43.00	36
2994	Structural identification from incomplete and uncertain information: Identifiability, optimal experiment design and probabilistic condition assessment	DST-SERB-ECRA	Mukhopadhyay,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	45.49	36
2995	Structural modification of flexible solar cell by incorporating graphene tapered ZnO anti-reflector in wearable electronics power solutions	DST-SERB-ECRA	Mallik,S., Dr. (M) National Institute of Science & Technology Palur Hills, Golanthara Berhampur - 761 008 Odisha	35.02	36
2996	Study and implementation of Generative Adversarial Networks (GANs) for image super-resolution: Application to images captured using CCTV camera	DST-SERB-ECRA	Upla,K.P., Dr. (M) Sardar Vallabhbhai National Institute of Technology Ichchhanath Surat - 395 007 Gujarat	23.03	36
2997	Study on high efficiency pre-chamber combustion concept to extend gasoline lean limit in a constant volume combustion chamber	DST-SERB-ECRA	Vedharaj,S., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	43.06	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2998	Study, design and implementation of frequency selective metasurfaces for microwave applications	DST-SERB-ECRA	Bhattacharyya,S., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	46.71	36
2999	Symmetry-aware verification framework for concurrency	DST-SERB-ECRA	Sharma,S.V., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	21.52	36
3000	The effect of soil-water retention behavior on the land use pattern for drought mitigation	DST-SERB-ECRA	Joseph,J., Dr. (M) National Institute of Technology (Tiruchirapalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	28.86	36
3001	Thermodynamics of atomistic scale classical heat engines	DST-SERB-ECRA	Patra,P.K., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	31.28	36
3002	Thermoelectric performance study using first-principles calculations based methods	DST-SERB-ECRA	Gandi,A., Dr. (M) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	22.59	36
3003	To propose an optimize resource allocation schemes framework for device tier communication for 5G cellular networks	DST-SERB-ECRA	Mishra,P.K., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	14.80	36
3004	Topological changes in DAE networks	DST-SERB-ECRA	Patil,D.U., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	15.53	36
3005	Towards scaling up learning agents	DST-SERB-ECRA	Kalyanakrishnan,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	18.04	36
3006	Ultra-low power circuits for autonomous sensor nodes in IoT networks	DST-SERB-ECRA	Chowdary,G., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	45.14	36
3007	Understanding collective behavior in online social networks	DST-SERB-ECRA	Chakraborty,T., Dr. (M) Indraprastha Institute of Information Technology Okhla Industrial Estate, Phase - III New Delhi - 110 020 Delhi	22.57	36
3008	Understanding spin transport in van der Waals heterostructures for atomically thin spin-logic and memory devices	DST-SERB-ECRA	Ghosh,R.K., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	43.14	36
3009	Valorisation of Waste Cooking Oil (WCO): Process development and intensification using hydrodynamic cavitation and acoustic cavitation techniques	DST-SERB-ECRA	Saharan,V.K., Dr. (M) Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	49.70	36
3010	Ventilation Augmented Supercavitating Turbine (VAST) technology for next-generation hydropower	DST-SERB-ECRA	Karn,A., Dr. (M) University of Petroleum & Energy Studies Energy Acres, P.O Bidholi Dehradun - 248 007 Uttarakhand	40.30	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3011	Vibration-based health monitoring of tensegrity structures incorporating the effects of ambient temperature	DST-SERB-ECRA	Sen,S., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	33.71	36
3012	Virtual synchronous generator for microgrid applications	DST-SERB-ECRA	Naidu,K.S., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	45.55	36
3013	Wetting behavior of ionic liquids on different surfaces: Insight from molecular dynamic simulation	DST-SERB-ECRA	Khan,S., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	33.26	36
3014	Wireless-ReLod - wireless reliable, low latency networks for IIoT and fieldbus replacement	DST-SERB-ECRA	Vineeth,B.S., Dr. (M) Indian Institute of Space Science & Technology Valiamala Road Thiruvananthapuram - 695 547 Kerala	18.11	36
3015	A highly flexible piezo-tribo nanogenerator based on electrospun PVDF nanofibers containing the modified & decorated carbonaceous nanoparticles for capturing human kinematics	DST-SERB-EMEQ	Mural,P.K.S., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	22.90	36
3016	A stack development of unitized regenerative proton exchange membrane fuel cell for large scale production of ultra pure hydrogen fuel, oxygen using solar energy & uninterrupted power	DST-SERB-EMEQ	Pramanik,H., Dr. (M) Indian Institute of Technology (BHU) Banara Hindu University Varanasi - 221 005 Uttar Pradesh	37.62	36
3017	An automated tool for early detection of depression from social media text for mental health using deep learning approach to assist student counsellors & psychiatrists of hospitals in India	DST-SERB-EMEQ	Doraiaj,T., Dr. (F) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), District Kanchipuram Kalavakkam - 603 110 Tamil Nadu	28.14	36
3018	Analytical & numerical design of hybrid multiplexer for optical interconnect using silicon photonics	DST-SERB-EMEQ	Sonkar,R.K., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	36.69	36
3019	Analytical & numerical investigations of mixed convection through wire mesh porous structure filled in a channel	DST-SERB-EMEQ	Gnanasekaran,N., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	21.75	36
3020	Automated prediction of Alzheimer's disease from optical coherence tomography images of retina using artificial intelligence	DST-SERB-EMEQ	Gopi,V.P., Dr. (M) National Institute of Technology (Tiruchirapalli) Tanjore Main Road, NH 67 Tiruchirappalli - 620 015 Tamil Nadu	19.46	36
3021	Automatic generation of cytological images to augment data for diagnosis of ductal carcinoma using deep learning	DST-SERB-EMEQ	Das,N., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	26.94	36
3022	Blackout prevention & quick service restoration in regional & united India power grid with protection reliability enhancement using optimal PMU placement	DST-SERB-EMEQ	Perli,S.B., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	24.87	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3023	Cellular automata model for the design & implementation of an efficient pattern generation tool for Sambalpur sarees & jute work	DST-SERB-EMEQ	Sethi,B., Dr. (M) Indira Gandhi Institute of Technology Dhenkanal Sarang - 759 146 Odisha	18.69	36
3024	Commercial scale synthesis of graphene by electrochemical exfoliation technique & its exploration as an anti-corrosion coating material for structural componets	DST-SERB-EMEQ	Mallik,A., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	27.49	36
3025	Composting/vermicomposting of Mikania micrantha kunth & its effect on soil properties	DST-SERB-EMEQ	Khwairakpam,M., Dr. (F) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	43.98	36
3026	Design & development of automated kidney cancer detection system from H&E stained kidney histopathological images	DST-SERB-EMEQ	Lal,S., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	27.96	35
3027	Design & development of indigenous MEMS based dry electrode for multi-channel EEG recorder with integration of internet of things	DST-SERB-EMEQ	Kesavamurthy,A.T., Dr. (M) P.S.G. College of Technology Peelamedu Coimbatore - 641 004 Tamil Nadu	22.49	24
3028	Design & development of junctionless nanowire TFET biosensor	DST-SERB-EMEQ	Raj,B., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	36.69	36
3029	Design & development of robust entropy based technique for computer aided heart health diagnosis	DST-SERB-EMEQ	Sunkaria,R.K., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	40.44	36
3030	Design & implementation of breath analyzer for Diabetes detection	DST-SERB-EMEQ	Suja,K.J., Dr. (F) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	51.65	36
3031	Design & implementation of multi-attribute void-aware routing Algorithm for software-defined underwater acoustic modems	DST-SERB-EMEQ	Chandavarkar,B.R., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	44.16	36
3032	Design of blind modulation classification for MIMO-OFDM & MIMO-SC-FDMA system through FPGA module & testbed implementation	DST-SERB-EMEQ	Majhi,S., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	21.34	36
3033	Design of security mechanism for cyber-physical systems	DST-SERB-EMEQ	Marimuthu,K., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	18.54	36
3034	Design, development & prototyping of a reduced switch MLI based grid connected photovoltaic system with energy storage for supplying critical loads & fulfilling peak load demand	DST-SERB-EMEQ	Jana,K.C., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	40.97	36
3035	Development & management of strategic security intelligence system for the Internet of Things (IoT)	DST-SERB-EMEQ	Kumar,R., Mr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	25.79	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3036	Development of a simple & low cost unified smart video surveillance system for suspicious human activity recognition in wide area surveillance	DST-SERB-EMEQ	Satpute,V.R., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	44.16	36
3037	Development of Al-Mg ₂ Si composite through novel Equal Channel Angular Squeeze Casting (ESASC) technique	DST-SERB-EMEQ	Mondal,M.K., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	30.45	36
3038	Development of bio-modified carbon paste electrode for the detection & removal of heavy metals from waste water	DST-SERB-EMEQ	Bhuvaneshwari,S., Dr. (F) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	42.64	36
3039	Development of city traffic dashboard using social media data & historical GPS trajectory	DST-SERB-EMEQ	Patra,B.K., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	18.26	36
3040	Development of electrodes for electronic tongue using molecular imprinted techniques for detection of important chemicals in medicinal plants	DST-SERB-EMEQ	Tudu,B., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	23.11	36
3041	Development of energy efficient TEG integrated form stable PCM heat sinks for transient passive cooling of electronic devices	DST-SERB-EMEQ	Kalaiselvam,S., Dr. (M) Anna University Guindy Chennai - 600 025 Tamil Nadu	33.49	36
3042	Development of functionally graded HA based bioactive composite coating by plasma spraying & Electrophoretic Deposition (EPD)	DST-SERB-EMEQ	Kumari,R., Dr. (F) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	22.09	36
3043	Development of intelligent control of heat integrated reactive dividing wall column for synthesis of Methyl acetate	DST-SERB-EMEQ	Dohare,R.K., Dr. (M) Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	42.11	36
3044	Development of light weight High Entropy Alloy (HEA) nanocomposites	DST-SERB-EMEQ	Mallick,A., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	45.88	36
3045	Development of mucoadhesive polymer based ophthalmic drug delivery system	DST-SERB-EMEQ	Naik,J.B., Dr. (M) North Maharashtra University Jalgaon - 425 001 Maharashtra	21.28	36
3046	Development of novel grid synchronization Algorithm for grid interactive photovoltaic power generation system	DST-SERB-EMEQ	Chittibabu,B., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Melakottaiyur Village, Nellikuppam Road Chennai - 600 127 Tamil Nadu	34.54	36
3047	Development of online handwriting recognition system in Indic script: A case study with Bangla	DST-SERB-EMEQ	Roy,K., Dr. (M) West Bengal State University Barasat Government College, Annexe Building, 10, K.N.C. Road Kolkata - 700 124 West Bengal	22.20	36
3048	Development of routing & transport protocol for Wsn for monitoring air pollution	DST-SERB-EMEQ	Lobiyal,D.K., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	46.41	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3049	Development of strategies & database for automated 3D laser forming of complex shaped for AA2024 aluminium alloy	DST-SERB-EMEQ	Venkadeshwaran,K., Dr. (M) Jain University 45 km, NH - 209, Post Jakkasandra Ramanagara - 562 112 Karnataka	42.00	36
3050	Development of thermocapilarity based pumping system for microfluidics applications	DST-SERB-EMEQ	Duryodhan,V.S., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	46.43	36
3051	Development of Ti alloy based composites by mechanical alloying & stirrer casting route for dental applications	DST-SERB-EMEQ	Gautam,R.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	50.21	36
3052	Development of wearable sensor arrays for Chemical Warfare Agents (CWAs)	DST-SERB-EMEQ	Sarkar,T., Dr. (M) Guru Govind Singh Indraprastha University Sector 16-C, Dwarka New Delhi - 110 078 Delhi	52.05	36
3053	Effect of thermo-mechanical processing on hot deformation behavior of WE43 Magnesium alloy	DST-SERB-EMEQ	Suresh,K., Dr. (M) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	47.96	36
3054	Energy & communication efficient protocol of mobile ad-hoc network using cross-layer approach	DST-SERB-EMEQ	Chawhan,M.D., Dr. (M) Yashwantrao Chavan College of Engineering Hingna Road, Wanadongri Nagpur - 441 110 Maharashtra	42.66	36
3055	Energy positive microbial osmotic-electro desalination cell for wastewater treatment & high-quality water recovery	DST-SERB-EMEQ	Gangadharan,P., Dr. (F) Indian Institute of Technology (Palakkad) Ahalia Integrated Campus, Kozhippara Palakkad - 678 557 Kerala	39.95	36
3056	Estimation & quantification of pesticide residues in fruits & vegetables using a vision based approach	DST-SERB-EMEQ	Sathyabama,B., Dr. (F) Thiagarajar College of Engineering Madurai - 625 015 Tamil Nadu	38.35	24
3057	Evaluation of a strengthening scheme for hollow compressed earth block wall using fibres, bamboo & steel bars	DST-SERB-EMEQ	Tripura,D.D., Dr. (M) National Institute of Technology (Agartala) Jirania Agartala - 799 046 Tripura	33.40	36
3058	Experimental investigation of influence of ultrasonic vibration on microstructure & mechanical properties of FSPed aluminum alloys	DST-SERB-EMEQ	Lam,S.R., Dr. (M) Vignan's Foundation for Science, Technology & Research Vadlamudi Village Guntur - 522 213 Andhra Pradesh	32.05	36
3059	Graphene biosensor for real-time detection of bacteria: A strategy of spontaneous attraction using magnetic fluorescence nanoparticles conjugate	DST-SERB-EMEQ	Saha,B., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 790 008 Odisha	29.45	36
3060	High voltage & zero-strain polyanionic phosphate-type glass & glass-ceramics materials for Na-ion secondary batteries interface with self-charging photovoltaic cells	DST-SERB-EMEQ	Kumaran,V., Dr. (M) S.R.M. University Hosital Road, Potheri, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	56.84	36
3061	Identification & control strategies to improve the performance of Proton Exchange Membrane (PEM) fuel cell system	DST-SERB-EMEQ	Gara,U.B.B., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	17.10	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3062	Image based technooogy for early warning of two major foliar diseases of curcurbits in West Bengal	DST-SERB-EMEQ	Mandal,S.N., Dr. (M) Kalyani University Kalyani Government Engineering College, Nadia Kalyani - 741 235 West Bengal	41.79	36
3063	Improvement in the properties of thermally sprayed Hydroxyapatite bio-ceramic coating reinforced with nanostructured materials	DST-SERB-EMEQ	Jambagi,S.C., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	38.64	36
3064	Indigenous elaboration of low-cost tubular cermic membrane for the clarification of citrus fruit juices & its potential application in India	DST-SERB-EMEQ	Kumar,V.R., Dr. (M) National Institute of Technology (Andhra Pradesh) Tadepalligudem Godavari - 534 101 Andhra Pradesh	27.80	36
3065	Interoperability issues in fog-cloud infrstructure for IoT applications	DST-SERB-EMEQ	Amgoth,T., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	20.82	36
3066	Investigation of thermo-hyraulic performance of artificially roughened solar air heater using infrared thermography technique	DST-SERB-EMEQ	Layek,A., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	39.25	36
3067	Making of interfering sounds in a crowded environment for hearing aid applications	DST-SERB-EMEQ	Ramarao,C.V., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhras Shillong - 793 003 Meghalaya	23.46	36
3068	Mxene based conducting electrodes for dye-sensitized solar cells application	DST-SERB-EMEQ	Singh,S., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	19.84	36
3069	Non-invasive measurement of hemoglobin for rural India using artifical intelligence Algorithms	DST-SERB-EMEQ	Bhukya,R.N., Dr. (M) University College of Engineering Osmania University, H. No. 5-78 to 82, Chapel Road Hyderabad - 500 001 Telangana	22.18	36
3070	Optimization of heat & mass exchanger used in the indirect evaporative cooling system working on Maisotsenko cycle	DST-SERB-EMEQ	Naik,R., Dr. (M) B.M.S. College of Engineering Bull Temple Road, Basavangudi Bengaluru - 560 019 Karnataka	24.74	36
3071	Performance analysis & enahncement of radio over free space optical communication system for 5G applications of smart cities	DST-SERB-EMEQ	Krishnan,P., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	28.06	36
3072	Performance evaluation of cold spray deposition for metal matrix composite coatings on AZ31B Magnesium alloy by friction stir processing	DST-SERB-EMEQ	Duraisamy,D.T.K., Dr. (M) Government College of Engineering Bargur Krishnagiri - 635 104 Tamil Nadu	45.07	36
3073	Power & energy aware secure routing protocol in wireless sensor networks	DST-SERB-EMEQ	Kattula,S., Dr. (F) Osmania University Hyderabad - 500 007 Telangana	26.39	36
3074	Production of high cell density edible Mushrooms by submerged fermentation & development of high protein nutrition	DST-SERB-EMEQ	Kumar,D.S., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	38.69	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3075	Public interest event monitoring in sparsely-populated mountainous regions using mobile crowd-sensing	DST-SERB-EMEQ	Marchang,N., Dr. (F) North Eastern Regional Institute of Sciences & Technology NH 52A, Nirjuli Itanagar - 791 109 Arunachal Pradesh	30.61	36
3076	Reconfigurable 3DIC hardware accelerator platform for deep neural networks	DST-SERB-EMEQ	Poddar,S., Dr. (M) Indian Institute of Information Technology Adjacent Tech City, Bogora Kamrup - 781 015 Assam	27.04	36
3077	Searching for new strengthening nano dispersions & nano precipitates to develop an advanced light weight aluminium alloys for high temperature applications	DST-SERB-EMEQ	Nallamuthu,P.P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	36.54	36
3078	Size selective carbon quantum dots & its application to luminescence & solar cell	DST-SERB-EMEQ	Sarkar,S., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	44.89	36
3079	Studies on hard-facing of inconel 718 on stainless steel 321 & 347 grades for nuclear reactor components	DST-SERB-EMEQ	Karpagaraj,A., Dr. (M) National Institute of Technology (Patna) Ashok Rajpath Patna - 800 005 Bihar	29.74	24
3080	Study of Corona ignition system in lean combustion engines	DST-SERB-EMEQ	Mendu,H., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	33.20	36
3081	Subsurface profiling using MASW survey at landslide prone area of Itanagar, Arunachal Pradesh	DST-SERB-EMEQ	Taipodia,J., Dr. (F) National Institute of Technology (Arunachal Pradesh) Yupiad Papum Pare - 791 112 Arunachal Pradesh	49.07	36
3082	Sustainable production of fourth generation bio-butanol from municipal solid waste biomass & its air quality assessment using direct injection spark ignition engine	DST-SERB-EMEQ	Gopal,K.N., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	37.29	36
3083	SWARD: Secure next-generation Wireless Access Radio technology for smart cities in India	DST-SERB-EMEQ	Battula,R.B., Dr. (M) Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	40.06	36
3084	Synthesis of functional carbon mesoporous materials & their performance analysis for energy storage	DST-SERB-EMEQ	Kumar,D., Dr. (M) Guru Govind Singh Indraprastha University Sector 16C, Dwarka New Delhi - 110 078 Delhi	20.67	24
3085	Synthesis of graphene oxide coated natural waste materials & its application for simultaneous treatment of wastewater containing fluoride & chromium: Reactor performance in batch, fluidized bed & membrane reactor	DST-SERB-EMEQ	Das,P., Dr. (F) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	37.38	36
3086	The positioning of an improved WSN particle swarm optimization in node ranging	DST-SERB-EMEQ	Megavathu,R.N., Dr. (M) Chebrolu Engineering College Near Power Station Chenroly Guntur - 522 212 Andhra Pradesh	31.89	36
3087	Thermal stabilization of nanocrystalline aluminium alloys & it's modelling	DST-SERB-EMEQ	Mabrukar,D.S., Dr. (M) Reva University Rukmini Knowledge Park, Kattigenahalli, Yelahanka Bengaluru - 560 064 Karnataka	34.07	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3088	Turbulent jet manipulation using unsteady injection	DST-SERB-EMEQ	Perumal,A.K., Dr. (M) Indian Institute of Technology (Jammu) Nagrota Bypass Road Jammu - 181 221 Jammu & Kashmir	55.98	36
3089	Van der Waals herostructure based self-switching diode	DST-SERB-EMEQ	Singh,A.K., Dr. (M) Punjab Engineering College Sector 12, Vidya Path Chandigarh - 160 012 Chandigarh	50.58	36
3090	Design & development of embedded vision based system for yoga therapy	DST-SERB-IRR D	Karuppusamy,S., Mr. (M) P.S.G. College of Technology Peelamedu Coimbatore - 641 004 Tamil Nadu	22.71	36
3091	Design & development of energy efficient permanent magnet assisted reluctance motor drives for pump application	DST-SERB-IRR D	Kamaraj,V., Mr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai, Kalavakkam Kanchipuram - 603 110 Tamil Nadu	21.19	36
3092	A localized microgrid to power an off grid locality	DST-SERI	Jhunjhunwala,A., Prof. (M) Indian Institute of Technology (Madras) Department of Electrical Engineering, Guindy Chennai - 600 036 Tamil Nadu	358.27	24
3093	Cooperative isolated renewable energy systems for enhancing reliability of power in rural areas	DST-SERI	Yaragatti,U.K.R., Prof. (M) Malaviya National Institute of Technology Malaviya Nagar Jaipur - 302 017 Rajasthan	281.24	24
3094	Design & demonstration of off-grid self-healing & sustainale DC comminuty energy solutions	DST-SERI	Varma,V., Dr. (M) Professor Delhi Technological University Department of Electrical Engineering, Bawana Road Delhi - 110 042 Delhi	258.05	24
3095	Design & development of biomass - Solar electricity & cooling solutions for rural India	DST-SERI	Mishra,S., Dr. (M) Professor Indian Institute of Technology (Delhi) Department of Electric Engineering, Hauz Khas New Delhi - 110 016 Delhi	398.88	24
3096	Development, research & pilot scale installation of solar-hydro pumped storage scheme in a remote village of Assam to ensure 24x7 electricity	DST-SERI	Chaudhury,S., Dr. (F) Professor Visva Bharati University Department of Environmental Studies, Institute of Science Santiniketan - 731 235 West Bengal	260.68	24
3097	DST Solar Energy Harnessing Centre	DST-SERI	Rao,M.S., Prof. (M) Indian Institute of Technology (Madras) Department of Physics, Guindy Chennai - 600 036 Tamil Nadu	3973.78	36
3098	Efficient portable stand-alone vaccine refrigerator for rural application	DST-SERI	Joshi,S.T.G., Dr. (M) Principal Engineer Centre for Development of Advanced Computing (C-DAC) Thiruvananthapuram - 695 033 Kerala	131.88	24
3099	Intelligent off grid system for energy sustainable village	DST-SERI	Rajasekar,N., Dr. (M) Professor Vellore Institute of Technology University Department of Energy & Power Electronics, School of Electrical Engineering Vellore - 632 014 Tamil Nadu	240.88	24
3100	Socializing the micro-solar dome: Empowering rural SC, ST & Tribal communities through solar illumination & solar electricity	DST-SERI	Patnaik,P., Prof. (M) Head Indian Institute of Technology (Kharagpur) Department of Humanities & Social Sciences Kharagpur - 721 302 West Bengal	1157.92	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3101	Sustainable Energy Storage Suitable for Microgrid (+987 SENSUM)	DST-SERI	Ghosh,I.P.C., Dr. (M) Professor Indian Institute of Technology (Bombay) Department of Energy Science & Engineering, Adi Shankaracharya Marg, Powai Mumbai - 400 076 Maharashtra	234.96	24
3102	Uneven span Greenhouse integrated Semitransparent Photovoltaic Thermal (GiSPVT) system for agricultural applications	DST-SERI	Khan,M.E., Prof. (M) Jamia Millia Islamia Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Nagar New Delhi - 110 025 Delhi	260.84	24
3103	A sustainable technology development for multi functional value addition to khadi fabric and Indian textile heritage using plant extract	DST-SHRI	Ali,W., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	54.36	36
3104	Cultural mapping of Odisha tribal art and its sustainability	DST-SHRI	Sanyal,S.A., Ms. (F) Centurion University of Technology & Management R.Sitapur, Uppalada, Paralakhemundi Gajapati - 761 211 Odisha	9.84	24
3105	Ethno-scientific approach for evidence based promotion of heritage and indigenous Paddy varieties of Tamil Nadu for health & sustainability through conservational memory and gene banking	DST-SHRI	Sathya,A., Dr. (M) Assistant Professor SASTRA University Thirumalaisamudram Thanjavur - 613 401 Tamil Nadu	33.82	36
3106	Exploring and eliciting the royal heritage of badaga community which enhanced the civilization in the Nilgiris	DST-SHRI	Amutha, Ms. (F) Associate Professor Sri Krishna College of Engineering & Technology Department of Science & Humanities, Kuniamuthur Coimbatore - 641 008 Tamil Nadu	9.17	36
3107	Impact of sea level fluctuations, climate change or tectonic acitivityon the decline on the Harappan settlement of Dholavira, kutch, India	DST-SHRI	Jain,V., Dr. (M) Associate Professor Indian Institute of Technology (Gandhinagar) Palaj Village, Simkheda Gandhinagar - 382 355 Gujarat	88.49	36
3108	In situ digital holography-tomography of subsurface microstructure of artwork	DST-SHRI	Sheoran,G., Dr. (M) Assistant Professor National Institute of Technology (Delhi) Department of Applied Science(Physics) New Delhi - 110 040 Delhi	85.34	36
3109	Reviving Bidricraft: A study on alternative patination process with a focus from fundamentals to final technology	DST-SHRI	Neelakantan,L., Dr. (M) Associate Professor Indian Institute of Technology (Madras) Sardar Patel Road Chennai - 600 036 Tamil Nadu	36.79	24
3110	Scalable synthesis of stretch nanoparticles based adhesive/ consolidants for conservation of cellulose based heritage objects	DST-SHRI	Soni,U., Dr. (M) Assistant Professor TERI University Department of Biotechnology New Delhi - 110 070 Delhi	44.23	36
3111	Scientific analysis of historic lime mortars and other building materials	DST-SHRI	Sohoni,P., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Pune) Pune - 411 008 Maharashtra	17.80	24
3112	Transforming ethnic/traditional weaving art of Tamil Nadu smart production technology at Ammalyappan,Tiruvarur District, Tamil Nadu	DST-SHRI	Kumarvelu,R., Dr. (M) Senior Research Director Handloom Based Textile Production Development Centre Narasingarayar Street Kanchipuram - 631 502 Tamil Nadu	82.71	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3113	Development of a fully automated municipal solid waste segregator with advanced sensing module using application specific integrated micro controllers	DST-SYST	Baskar,S., Prof. (M) Karpagam Academy of Higher Education Salem-Kochi Highway Coimbatore - 641 021 Tamil Nadu	32.64	36
3114	Development of cost effective clean energy generation & storage system for rural areas	DST-SYST	Kanti,R., Ms. (F) Indian Institute of Technology (Roorkee) Rishikesh - 247 667 Uttarakhand	38.16	36
3115	Mitigating scarcity of stone aggregates in pavement construction using locally available materials stabilization techniques	DST-SYST	Sarkar,P.P., Dr. (M) National Institute of Technology (Tripura) Barjala, Jirania Agartala - 799 046 Tripura	24.85	36
3116	Design & development of compact utility tractor - for socio-economic uplift of marginal & small farmers	DST-TIASN	Mandal,S.K., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	30.36	36
3117	Design & development of novel mechanical gripper robotic arm for bore well rescue operations	DST-TIASN	Sridhar,K.P., Dr. (M) Karpagam Academy of Higher Education Salem-Kochi Highway Coimbatore - 641 021 Tamil Nadu	54.18	36
3118	Development of low cost - efficient charging station for Electric Vehicle (EV) charging applications	DST-TIASN	Pasula,N., Dr. (M) V.N.R Vignana Jyothi Institute of Engineering & Technology Vignana Jyothi Nagar, Pragati Nagar, Nizampet (s.o.) Hyderabad - 500 090 Telangana	8.77	36
3119	Hydraulic design of ash disposal system of thermal plant to minimize the heavy metal contamination of ground water	DST-TIASN	Kumar,S., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 832 109 Jharkhand	22.21	36
3120	Improving livelihood of prajapatis of Devas district of M.P. through scientific interventions	DST-TIASN	Jarial,G.S., Dr. (M) Sampada Institute for Social Awareness Samiti MIG A-22/3, Ved Nagar, Indore Road Bhopal - 456 010 Madhya Pradesh	59.52	36
3121	Portable development of intervention for microclimate moderation for tractor operator comfort	DST-TIASN	Khura,T.K., Dr. (M) ICAR-Indian Agricultural Research Institute Division of Agricultural Engineering, Pusa New Delhi - 110 012 Delhi	29.83	36
3122	Portable laboratory workbench for learning & prototyping	DST-TIASN	Kapoor,D.S., Mr. (M) Chandigarh University Gharuan Mohali - 140 413 Punjab	36.32	36
3123	Design & development of a Wearable Intelligent Navigation Guidance (WING)	DST-TIDE	Jayashree,L., Dr. (F) P.S.G. College of Technology Peelamedu Coimbatore - 641 004 Tamil Nadu	56.02	36
3124	Functionally graded prosthetics & biomedical implants with optimal porosity	DST-TIDE	Narayana,K.L., Prof. (M) K.L. University Vaddeswaram Guntur - 522 302 Andhra Pradesh	68.52	36
3125	Portable intensive care & surveillance unit	DST-TIDE	Panda,S.N., Dr. (M) Chitkara University Patiala Highway Rajpura - 140 701 Punjab	36.94	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3126	Portable intensive care & surveillance unit	DST-TIDE	Raheja,J.L., Dr. (M) Chief Scientist CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	24.66	36
3127	Sign Language to Regional Language Converter (SLRLC)	DST-TIDE	Sharma,A., Dr. (M) L.N.M. Institute of Information Technology Department of ECE, Rupa ki Nangalm via Jamdoli, Post: Sumel Jaipur - 302 031 Rajasthan	42.88	36
3128	Technology-assisted pelvic-motion characterization & gait rehabilitation for the elderly	DST-TIDE	Lahiri,U., Dr. (M) Indian Institute of Technology (Gandhinagar) Department of Electrical Engineering Gandhinagar - 382 355 Gujarat	55.03	36
3129	www.oldagesolutions.org - A web portal for welfare of older people	DST-TIDE	Dey,A.B., Prof. (M) All India Institute of Medical Sciences Department of Geriatric Medicine, Ansari Nagar New Delhi - 110 029 Delhi	47.38	36
3130	Bio-tourism development amongst the tribal communities of Manipur in north east India	DST-TITE	Joy,R., Dr. (M) Ardent Foundation North East Tribal Research Centre, Ngareophung, Phungreitang, West Ukhrul Imphal - 795 142 Manipur	39.77	36
3131	Coordination of the projects on development of scheduled caste & scheduled tribe communities in eastern India through S&T interventions for sustainable natural resource based livelihood system	DST-TITE	Datta,R., Dr. (F) Vivekananda Institute of Biotechnology Sri Ramkrishna Ashram, Nimpith Village, South 24 Parganas Kolkata - 743 338 West Bengal	119.84	36
3132	Establishment of science, technology & innovation hub for empowerment of SC/ST populations	DST-TITE	Shirsat,M.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Aurangabad - 431 004 Maharashtra	261.86	36
3133	Introduction of value added products from tubers for the sustainable development of tribal community in Kannur district of Kerala	DST-TITE	Varghese,A., Ms. (F) Malabar Social Service Society Sreepuram, P.O. Pallikunnu Kannur - 670 004 Kerala	34.90	36
3134	Skilling of tribal youth on application of technology for sustainable livelihood management	DST-TITE	Malini,M., Ms. (F) Chaitanya Shrivanthi Besides BSNL Customer Service Centre, Main Road, Post Paderu Visakhapatnam - 531 024 Andhra Pradesh	42.97	36
3135	Skilling tribals through transfer of technology for value addition of NTFP	DST-TITE	Nayak,B.M., Dr. (M) Tribal Welfare Society 10-384/C, Kranti Nagar, Jeevakona, District Chittoor Tirupati - 517 501 Andhra Pradesh	33.61	36
3136	STI hub in Sidho-Kanho-Birsha University, Purulia, West Bengal for the socioeconomic upliftment of ST communities of eastern region, West Bengal, Jharkhand, Odisha through science & technology intervention	DST-TITE	Raha,S., Prof. (M) Sidho Kanho Birsha University Department of Botany, Ranchi Road Purulia - 723 104 West Bengal	568.62	36
3137	Study on eco-friendly technological interventions based on organic farming systems through participatory research approach for improvement of the vulnerable socio-economic condition of the schedule tribe population	DST-TITE	Saha,S., Dr. (M) Community for Social Works 84, Rabindrapally Shyamnagar, North Parganas Kolkata - 743 124 West Bengal	47.62	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3138	Uplifting the status of rural artisans/tribal in Gadchiroli district by S&T intervention in pottery industry	DST-TITE	Srivastava,V.C.P., Mr. (M) Ceramist/Secretary Gramodaya Sangh P.O. Bhadrawati Chandrapur - 442 902 Maharashtra	27.56	36
3139	A systems biology understanding of the adaptively evolved global transcription regulator CRP mutant in e.coli & evaluating its fitness as a synthetic biology platform	DST-WOS-A	Srinivasan,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	29.96	36
3140	Analysis, design & control of switched reluctance motor for nonlinear & industrial applications	DST-WOS-A	Kakaraparthi,A., Ms. (F) PACE Institute of Technology & Sciences Near Vallurama Temple Ongole - 523 274 Andhra Pradesh	32.16	36
3141	Analytical modeling & simulation of Triple Material Surrounding Gate (TMSG) TFET	DST-WOS-A	Chennoji,U., Ms. (F) Dayananda Sagar College of Engineering Shavige Malleshwara Hills, Kumaraswamy Layout Bengaluru - 560 078 Karnataka	19.74	36
3142	Automated coral coverage estimation system for conservation management	DST-WOS-A	Reshma,B., Ms. (F) ICAR-Central Research Institute for Dryland Agriculture Kochi - 680 018 Kerala	21.94	36
3143	Bearing-only target tracking using hull mounted & towed array measurements	DST-WOS-A	Jahan,K., Ms. (F) K.L. University Post Vaddeswaram Guntur - 522 502 Andhra Pradesh	15.80	36
3144	Bio inspired solar energy conversion by chlorophyll hydrogel nano-hybrid juxtaposing chlorophyll exfoliated graphene as electrode material	DST-WOS-A	Manna,J.S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	23.32	36
3145	Bioreactor for simultaneous removal of fine particulate matter & volatile organic carbon from flue gas	DST-WOS-A	Garg,A., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	30.29	36
3146	Brain-empowered dynamic spectrum management for cooperative cognitive radio networks	DST-WOS-A	Kaur,A., Ms. (F) National Institute of Technology (Hamirpur) Hamirpur - 177 005 Himachal Pradesh	30.85	36
3147	Carbon based nano composite mixed matrix membranes for desalination	DST-WOS-A	Kavitha,J., Ms. (F) R.V. College of Engineering Mysore Road Bengaluru - 560 059 Karnataka	24.10	36
3148	Centrifuge model studies on stability enhancement of slopes subjected to heavy rainfall	DST-WOS-A	Vasudevan,S.M., Ms. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	31.33	36
3149	Characterization & analysis of interaction networks	DST-WOS-A	Goswami,S., Ms. (F) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	30.99	36
3150	Deep learning based CAD system for lung cancer diagnosis	DST-WOS-A	Suji,J.R., Ms. (F) Atal Bihari Vajpayee-Indian Institute of Information Technology & Management Gwalior - 474 010 Madhya Pradesh	18.31	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3151	Design & development of modular total joint prosthesis for temporo mandibular joint reconstruction in patients suffering with end stage TM disorders	DST-WOS-A	Sharma,M., Ms. (F) Indira Gandhi Delhi Technical University for Women Kashmere Gate Delhi - 110 006 Delhi	21.39	36
3152	Design & development of multisensory smart assistive technology for blind	DST-WOS-A	Nawandar,P.M., Ms. (F) Maharashtra Institute of Technology Pune - 411 038 Maharashtra	32.16	36
3153	Design of a cost-effective multi-well plate for high throughput drug screening platform: Study on combination therapy	DST-WOS-A	Singh,R., Dr. (F) Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	32.16	36
3154	Design of brain stimulator & electrode glove for stroke rehabilitation	DST-WOS-A	Solomons,C.D., Ms. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	22.71	36
3155	Design of soft error robust low power sram for space applications	DST-WOS-A	Sugantha,A., Ms. (F) University College of Engineering BIT Campus, Anna University Tiruchirappalli - 620 024 Tamil Nadu	17.28	36
3156	Developing seismic strengthening strategies for ancient south Indian mandapas	DST-WOS-A	Bhowmik,T., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	31.05	36
3157	Development of a refractory high entropy alloy for high temperature structural application	DST-WOS-A	Behera,M., Dr. (F) CSIR-Institute of Minerals & Materials Technology Bhubaneswar - 751 013 Odisha	24.79	36
3158	Development of cellulose-lignin composite nanofiber from biodegradable waste for high strength textile application	DST-WOS-A	Prabha,V., Ms. (F) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	32.16	36
3159	Development of electro-caloric materials for efficient solid state refrigeration	DST-WOS-A	Anshu, Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	31.33	36
3160	Development of nanostructured metal oxide semiconductor as photoanode for dye sensitized solar cell	DST-WOS-A	Siwatch,S., Ms. (F) Kurukshetra University Kurukshetra - 136 119 Haryana	31.05	36
3161	Development of nitrilase enzyme based bioreactor in production of chiral intermediates for pharma industries	DST-WOS-A	Basetty,S., Ms. (F) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	29.63	36
3162	Development of Surface Enhanced Raman Spectroscopy (SERS) based biosensing platform for detection of Mycotoxins	DST-WOS-A	Chopra,A., Ms. (F) CSIR-Central Scientific Instruments Organization Sector 30 C Chandigarh - 160 030 Chandigarh	24.83	36
3163	Exploiting interference as a tool to enhance fault-tolerant features of WSNS	DST-WOS-A	Begum,B.A., Ms. (F) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 Telangana	28.36	36
3164	Fabrication & performance evaluation of self-healing, long lasting porous speek polymer electrolyte membranes for low temperature fuel cells	DST-WOS-A	Banerjee,S., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	32.71	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3165	Fabrication of a resorbable biomaterials for ocular wound repair	DST-WOS-A	Deebasuganya,G., Ms. (F) CSIR-Central Leather Research Institute Adyar Chennai - 600 020 Tamil Nadu	28.02	36
3166	Fractal metamaterial & its application to wearable antennas	DST-WOS-A	Inamdar,K.K., Dr. (F) Sardar Vallabhbhai National Institute of Technology Dumas Road Surat - 395 007 Gujarat	27.52	36
3167	Green earth: Green energy aware radio technology for cognitive network with heterogeneity	DST-WOS-A	Srivastava,A., Ms. (F) National Institute of Technology (Hamirpur) Hamirpur - 177 005 Himachal Pradesh	31.77	36
3168	Hybrid energy storage system consisting of li-ion batteries & ultracapacitors	DST-WOS-A	Bhat,P., Ms. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.06	36
3169	Integration of data mining in biodiversity application to forest diversity	DST-WOS-A	Ghosh,M., Ms. (F) Jadavpur University Kolkata - 700 098 West Bengal	21.40	36
3170	Investigation of advance dual-gate MIS-HEMT for high power applications	DST-WOS-A	Singh,P., Ms. (F) Delhi University South Moti Bagh New Delhi - 110 021 Delhi	31.66	36
3171	Investigation of geopolymer concrete using M sand & Dredged Marine Sand (DMS) under ambient curing conditions	DST-WOS-A	Indhumathi,M., Ms. (F) Thiagarajar College of Engineering Madurai - 625 015 Tamil Nadu	27.58	36
3172	Microfluidic based screening of low-dose dopaminergic combination therapy with an Okra extract to minimize 'wearing off' effect of chronic Parkinson's disease treatment	DST-WOS-A	Marimuthu,M., Dr. (F) Alagappa University Karaikudi - 630 004 Tamil Nadu	28.31	36
3173	Modeling large scale camera networks using distributed state transition system	DST-WOS-A	Mohan,L., Ms. (F) Amrita Vishwa Vidyapeetham Amritapuri, Clappana Kollam - 690 525 Kerala	24.17	36
3174	Moniitoring & forecasting of coastal circulation using GPS/GSM technology & hydrodynamic modeling	DST-WOS-A	Babu,J.S., Ms. (F) Nansen Environmental Research Centre (India) 6A, Oxford Business Centre, Sreekandath Road, Ravipuram Kochi - 682 016 Kerala	15.97	36
3175	Multi-analyte electrochemical in vitro sensor array for clinical diagnosis of type of Diabetes	DST-WOS-A	Singh,V., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	31.04	36
3176	Novel inhalable alveoli surface mediated temperature sensitive micro to nano dissociable particle system as an effective combinational therapy for Pulmonary Tuberculosis	DST-WOS-A	Sharma,P., Ms. (F) Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	16.90	36
3177	Optimal controller placement in software define wide area networks	DST-WOS-A	Mohanty,S., Ms. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	14.24	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3178	Overcoming challenges to development of biotherapeutics through national design of cell culture medium	DST-WOS-A	Kaur,R., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.60	36
3179	Performance enhanement in FPGA architecture by efficient design of logic blocks	DST-WOS-A	Pullanikkat,S., Ms. (F) Anna University Chennai - 600 025 Tamil Nadu	19.20	36
3180	Performance evaluation of heat exchanger using modified twisted tape	DST-WOS-A	Gupta,K., Ms. (F) Delhi Technological University Shabad Daulatpur, Bawana Road Delhi - 110 042 Delhi	29.40	36
3181	Power generation & control of solar energy	DST-WOS-A	Garg,A., Dr. (F) The North Cap University Sector 23A Gurgaon - 122 017 Haryana	23.95	36
3182	Preparation of feather Keratin - Zinc Sulphide (ZnS) nanocomposites material for water purification application	DST-WOS-A	Banerjee,A., Dr. (F) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	32.70	36
3183	Removal & recovery of Uranium (VI) from low level wastewaters & subsequent disposal of spent biomass	DST-WOS-A	Vyas,M., Dr. (F) Maulana Azad National Institute of Technology (Bhopal) Bhopal - 462 051 Madhya Pradesh	24.98	36
3184	Studies on diaster-resilient management & bi-directional multibrand signal transmission using double-clad fibers in radio-over-fiber systems	DST-WOS-A	Manimegalai,C.T., Dr. (F) S.R.M. Institute of Sciences & Technology Potheri, District Kanchipuram Kattankulathur - 603 203 Tamil Nadu	25.71	36
3185	Studies on meta-material based compact antennas for mobile communications	DST-WOS-A	Nandigama,S.V., Ms. (F) University College of Engineering Osmania University Hyderabad - 500 007 Telangana	24.25	36
3186	Studies on the composition - property relationship of lithium disilicate glass-ceramics with different nucleating agents for dental applications	DST-WOS-A	Pal,P., Ms. (F) Government College of Engineering & Ceramic Technology Kolkata - 700 010 West Bengal	32.94	36
3187	Study of natural image statistics & its applications for quality assessment	DST-WOS-A	Shikkenawis,G.C., Dr. (F) C.R. Rao Advance Institute of Mathematics, Statistics & Computer Science Gachibowli Hyderabad - 500 046 Telangana	31.06	36
3188	Treatment of ammoniacal nitrogen from industrial wastewater in a combined electrochemical & biological process	DST-WOS-A	Pani,N., Ms. (F) Pandit Deendayal Petroleum University Gandhinagar - 382 007 Gujarat	30.14	36
3189	VLSI design & implementation of optimized turbo channel coding system for advanced wireless communication systems	DST-WOS-A	Elukuru,S., Ms. (F) Sree Vidyankethan Engineering College Sri Sainatha Nagar, A Rangampet Tirupati - 517 102 Andhra Pradesh	25.90	36
3190	Bolmoram Technology Resource Centre cum Knoeweledge & Innovation Park	DST-WS	Suting,A.S., Mr. (M) State Council of Science, Technology & Environment Nongrim Hills, Behind Bethamy Hospital Shillong - 793 003 Meghalaya	49.30	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3191	Capacity building of rural tribal women in management & marketing of wild edible plants in Arunchal Pradesh for livelihood improvement by NERIST, Itanagar, Arunchal Pradesh	DST-WS	Singh,B., Prof. (M) North Eastern Regional Institute of Sciences & Technology Itanagar - 791 109 Arunachal Pradesh	30.94	36
3192	Dermal penetration of pesticide residues in farm women workers: Assessment of cost effective protective gear as a preventive measure	DST-WS	Jaonnalagadda,P., Dr. (F) ICMR-National Institute of Nutrition P.O. Jamai-Osmania, Tarnaka Hyderabad - 500 064 Telangana	46.63	36
3193	Development & extension of technologies to improve livelihood of small farm holders at Alamanda, North Coastal of Andhra Pradesh	DST-WS	Imandi,S.B., Dr. (M) GITAM University Gandhinagar, Rushikonda Visakhapatnam - 530 045 Andhra Pradesh	51.23	36
3194	Development of Wommen Technology Park for empowerment of rural women in selected villages of Fatehgarh Sahib, Punjab using eco-friendly innovation	DST-WS	Sidhu,H.K., Dr. (F) Desh Bhagat University State Highway, 12A, Amlah Road, Mandi Gobindgarh Fategarh Sahib - 147 301 Punjab	19.96	36
3195	Eco friendly utilization of aquatic weeds & agricultural waste for paper production in Kashmir Valley	DST-WS	Ara,S., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Srinagar - 190 019 Jammu & Kashmir	18.80	36
3196	Empowering women through visual commuication tools	DST-WS	Singh,T., Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Jabalpur - 482 005 Madhya Pradesh	13.65	36
3197	Endorsing employment confidence of women through appropriate coir cluster merchandises training development for their life uplifting in rural environment	DST-WS	Paulchamy,B., Dr. (M) Professor & Head Hindustan Institute of Technology Pollachi Main Road Coimbatore - 641 032 Tamil Nadu	13.78	36
3198	Enhancement of livelihood options for rural women in Aizawl, Mizoram	DST-WS	Lallianthanga,R.K., Dr. (M) Chief Scientific Officer Mizoram Science, Technology & Innovation Council Mizoram Secretariat Complex, Khatla Aizawal - 796 001 Mizoram	25.39	36
3199	Establishment of Rural Women Technology Park in Baghera Village, Karchhana Block, Allahabad district, U.P.	DST-WS	Mishra,M., Dr. (F) Bhartiya Mahila Gramodyog Sansthan 90A, Baghera Village, Dharawara Karchhana Allahabad - 211 002 Uttar Pradesh	55.14	36
3200	Establishment of Rural Women Technology Park in CSIR-North East Institute of Science & Technology, Jorhat, Assam	DST-WS	Kalita,J., Dr. (M) CSIR-North East Institute of Science & Technology NH-37, Pulibor Jorhat - 785 006 Assam	61.41	36
3201	Establishment of Rural Women Technology Park in KVK-II, Sitapur, Village: Katia, Biswan (U.P.)	DST-WS	Yadav,S., Dr. (M) Krishi Vigyan Kendra Katia Post, Manpur Block, Tehsil Biswan Sitapur - 261 201 Uttar Pradesh	55.32	36
3202	Integrated livelihood technologies as Women Technology Park for tribal women in Paderu, Visakhapatnam district,Andhra Pradesh	DST-WS	Saileela,M., Dr. (F) St. Joseph's College Department of Home Science, Gnanapuram Visakhapatnam - 530 004 Andhra Pradesh	43.35	36
3203	Proposal for introducing poly house technology to women farmers in rural villages for better livelihood	DST-WS	Kulkarni,S.K., Mr. (M) Socio Economic Development Corporation Trust Dreamland, Kerwadi Ta, District Palam Parbhani - 431 720 Maharashtra	14.95	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3204	Rural Women Technology Park in ten village of Parappa block of Kasaragod district, Kerala state	DST-WS	Director, The Malabar Social Service Society Sreepuram, P.O. Pillikunnu Kannur - 670 004 Kerala	67.55	36
3205	S&T intervention in pottery technology for capacity building of women potters in Perumkulam village of Tirunelveli district, Tamil Nadu	DST-WS	Bhagavatheeswaran,P., Dr. (M) Centre for Social Development Kulala Street, Thirunainarkurichy, Ammandivilai Kanya Kumari - 629 204 Tamil Nadu	14.77	36
3206	Technologies empowerment of women on energy form rural biomass by Punjab State Council for S & T, Chandigarh	DST-WS	Arora,J.K., Dr. (F) Punjab State Council for Science & Technology Sector 26 Chandigarh - 160 019 Chandigarh	23.30	36
3207	Trace metal nutritional security of rural women & their economic empowerment through food fortification technology	DST-WS	Sudhamani,M., Dr. (F) Assistant Professor K.L. University Department of Biotechnology, Vaddeswaram Guntur - 522 502 Andhra Pradesh	40.20	36
3208	Capacity building for best practices on integrated management of water resources- Water Advanced Research & Innovation Fellowship Program (WARI) Phase-II	DST-WTI	Tayal,R., Dr. (M) Executive Director Indo-US Science & Technology Forum Fullbright House, 12 Hailey Road New Delhi - 110 001 Delhi	730.28	36
3209	Center for Waterless Leather Manufacture	DST-WTI	Madhan,B., Dr. (M) CSIR-Central Leather Research Institute Near Sardar Patel Road, Adyar Chennai - 600 020 Tamil Nadu	70.03	60
3210	Centre for Technological Excellence in Water Purification (CTEWP)	DST-WTI	De,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	530.73	60
3211	Centre for Water & Wasterwater Treatment using hybrid advanced oxidation processes	DST-WTI	Pandit,A.B., Prof. (M) Institute of Chemical Technology Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	74.48	36
3212	Centre of sustainable treatment, reuse and management for efficient, affordable and synergistic solutions for water (Water-IC for Sutram of Easy Water)	DST-WTI	Pradeep,R., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	893.57	60
3213	Customized, demand driven convergent water solution to address prevanlent and emerging water challenges in mission mode in Narippaiyur village, Ramanathapuram district, Tamil Nadu	DST-WTI	Sundarajan,T., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	286.18	36
3214	Development and deployment of technologies for effective management of Rain-Water Harvesting (RWHT): Ensuring safe drinking water and optimal water use for agriculture	DST-WTI	Sadistap,S., Dr. (M) CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	140.93	36
3215	DST-PAU Centre for Water Technology Research in Agriculture	DST-WTI	Brar,A.S., Dr. (M) Punjab Agricultural University Ferozpur Road Ludhiana - 141 027 Punjab	537.71	60
3216	Enhancing food and water security in Arid region through improved understanding of quantity, quality and management of blue, green and grey water	DST-WTI	Kumar,P., Dr. (M) ICAR-Central Arid Zone Research Institute Near Industrial Training Institute, Cazri Road Jodhpur - 342 003 Rajasthan	573.39	60

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3217	Ensuring food and lively hood security through farming system based water budgeting in water challenged and socioeconomic backward clusters in trans Yamuna areas at Allahabad	DST-WTI	Denis,D.M., Dr. (M) Sam Higginbottom Institute of Agriculture, Technology & Sciences Allahabad - 211 007 Uttar Pradesh	213.94	36
3218	Innovation Centre For Eco-prudent Wastewater Solutions (IC-ECOWS)	DST-WTI	Goyal,V.C., Dr. (M) National Institute of Hydrology Roorkee - 247 667 Uttarakhand	510.19	60
3219	Integrated water management through rejuvenation of surface tanks in Vizianagaram town	DST-WTI	Maheswaran,R., Dr. (M) M.V.G.R. College of Engineering Vijayaram Nagar Campus, Chintalavalasa Vizianagaram - 535 005 Andhra Pradesh	87.53	36
3220	Internet Of Things (IOT) based smart water supply and distribution system for Coimbatore city	DST-WTI	Sundarajan,A., Dr. (M) P.S.G. College of Technology Peelamedu, Avinashi Road Coimbatore - 641 004 Tamil Nadu	244.51	36
3221	Low Cost-Renewable Energy Driven (LC-RED) water treatment solution centre	DST-WTI	Mudgal,A., Dr. (M) Pandit Deendayal Petroleum University Raysan Gandhinagar - 382 007 Gujarat	530.13	60
3222	Supply of clean drinking water through IoT based solar powered station at a large village in Haryana through automated dispensing while improving the water table: Pilot-Faridpur (A sustainable approach towards addressing water crisis)	DST-WTI	Banerjee,C., Dr. (M) National Institute of Solar Energy 19th Milestone, Faridabad Road, Gwalpahari, Institutional Area Gurgaon - 122 003 Haryana	196.32	24
3223	Water Innovation Center: Technology, Research & Education (WICTRE)	DST-WTI	Shukla,S., Prof. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	555.10	60
3224	A big data processing framework to model vector borne disease dynamics based on the seasonal changes	ISRO-RESPOND	Lopez,D., Dr. (F) Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	15.66	36
3225	A low noise subharmonic mixer for millimeter wave space borne applications	ISRO-RESPOND	Mondal,P., Dr. (F) Assistant Professor National Institute of Technology (Patna) Patna - 800 005 Bihar	17.48	24
3226	A novel mach zehnder modulator based integrated photonic highly steerable beam-forming system for broad band satellite communication link	ISRO-RESPOND	Raghuwanshi,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	20.00	24
3227	Adaptive telemetry system for launch vehicles - demonstration of proof of concept	ISRO-RESPOND	Lakshminarayanan,G., Dr. (M) Professor & Head National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	23.66	36
3228	Automated structural evolution & performance optimization of RF bandpass filters - An evolutionary Algorithmic design approach	ISRO-RESPOND	Natarajamani,S., Dr. (M) Assistant Professor Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	12.70	24
3229	Automation of transport & building feature extraction using deep learning with super-resolution enhancement of satellite imagery	ISRO-RESPOND	Rajathilagam,B., Dr. (M) Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	28.56	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3230	Computational modeling & analysis of damage in high strength composite structures by novel nonlocal approach	ISRO-RESPOND	Rajagopal,A., Dr. (M) Associate Professor Indian Institute of Technology (Hyderabad) Kandi Sangareddy - 502 285 Telangana	21.26	36
3231	Decadal-scale change analysis of coastal Ramanthapuram district in Tamil Nadu	ISRO-RESPOND	Gurugnanam,B., Dr. (M) Gandhigram Rural University District Dindigul Gandhigram - 624 302 Tamil Nadu	29.55	36
3232	Design & development of a proof of concept model of a packaging methodology & rigidization for gossamer space antenna structure	ISRO-RESPOND	Upadhyay,S.H., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	26.01	36
3233	Design & development of wideband circularly polarized antenna using 2D metamaterial structures	ISRO-RESPOND	Krishnamoorthy,K., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	25.71	24
3234	Design & development of work function measurement set-up for thermionic emitter materials for ISRO's electric propulsion system using closely space diode method	ISRO-RESPOND	Barik,R.K., Dr. (M) Senior Scientist CSIR-Central Electronics Engineering Research Institute Jhunjunu Pilani - 333 031 Rajasthan	28.74	12
3235	Design & fabrication of an interface ASIC for a vibratory gyroscope sensor application	ISRO-RESPOND	Sharma,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	45.76	24
3236	Design & fabrication of cascode driver circuit using GaN HEMT on Si for space applications	ISRO-RESPOND	Nirmal,D., Dr. (M) Associate Professor Karunya University Karunya Institute of Technology & Science, Karunya Nagar Coimbatore - 641 114 Tamil Nadu	30.44	36
3237	Design & simulation of beamforming Algorithms & baseband technologies for SATCOM On The Move (SOTM) networks	ISRO-RESPOND	Vasavada,Y., Mr. (M) Associate Professor Dhirubhai Ambani Institute of Information Communication Technology Near Indroda Circle Gandhinagar - 382 007 Gujarat	23.32	24
3238	Design of 0.18 um CMOS dual band Low Noise Amplifier (LNA) for IRNSS applications	ISRO-RESPOND	Kavya,G., Dr. (F) Professor S.A. Engineering College Thiruverkadu Chennai - 600 077 Tamil Nadu	27.44	24
3239	Design, fabrication & characterization of uncooled microbolometer for IR imaging applications	ISRO-RESPOND	Singh,S.G., Dr. (M) Associate Professor Indian Institute of Technology (Hyderabad) Kandi Sangareddy - 502 285 Telangana	22.27	24
3240	Development of a three dimensional, unsteady, compressible flow solver (based on LES methodology) to optimize shape of a launch vehicle for reduing aerodynamic drag & flow induced acoustic noise at transonic Mach numbers	ISRO-RESPOND	Bhumkar,Y., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) Arugul Bhubaneswar - 752 050 Odisha	19.50	36
3241	Development of automated web based online feature tracking system using shape adaptive curvelet with PCA & Haralick texture feature	ISRO-RESPOND	Rajakumar,K., Dr. (M) Associate Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	11.38	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3242	Development of graphene based transparent & conductive coating for spacecraft applications	ISRO-RESPOND	Lahiri,I., Dr. (M) Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	27.61	36
3243	Development of high sensitivity CMOS-MEMS integrated smart pressure sensor & system for space applications	ISRO-RESPOND	Rathore,P.K., Dr. (M) Assistant Professor National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhrah Shillong - 793 003 Meghalaya	32.46	24
3244	Development of morphology-controlled transition metal sulfides supported on carbon - based materials as advanced electrodes for supercapacitor applications	ISRO-RESPOND	Theerthagiri, Dr. (M) Scientist C Sathyabama University Sathyabama Institute of Science & Technology Chennai - 600 119 Tamil Nadu	14.92	24
3245	Development of nanostructured NMC as a cathode material for rechargeable lithium ion battery	ISRO-RESPOND	Apte,S.K., Dr. (M) Scientist C Centre for Materials for Electronics Technology (C-MET) Panchwati, Off Pashan Road Pune - 411 008 Maharashtra	25.54	24
3246	Development of photodetectors based on graphene like 2D hybrid materials for identification of submillimeter waves	ISRO-RESPOND	Mohanty,T., Dr. (F) Assistant Professor Jawaharlal Nehru University New Delhi - 110 067 Delhi	23.75	36
3247	Development of Time Weighted Dynamic Time Warping (TWDTW) Algorithm for analysis of vegetation dynamics using time-series vegetation index data from earth observation satellites	ISRO-RESPOND	Khaparde,A., Dr. (M) Professor Dr. Vishwanath Karad MIT Peace University Pune - 411 038 Maharashtra	20.44	24
3248	Development, testing & characterization of 1m Dia Ku-band P.E.E.K. parabolic reflector with & without metallization for spacecraft applications	ISRO-RESPOND	Upadhyaya,P., Dr. (M) Principal Director Central Institute of Plastics Engineering & Technology Plot No. 630, Phase-IV, GIDA, Vatva Ahmedabad - 382 445 Gujarat	23.86	36
3249	Digital 3D printed electronic technology for space electronic packaging applications	ISRO-RESPOND	Goel,S., Mr. (M) Associate Professor & Head Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Hyderabad - 500 078 Telangana	26.36	36
3250	Dynamics of sedimentation & its impact on local resources in upper north bank of Brahmaputra: An integrated study using field surveys & geospatial technologies	ISRO-RESPOND	Sahariah,D., Dr. (M) Associate Professor Gauhati University Gopinath Bordoloi Nagar Guwahati - 781 014 Assam	34.22	36
3251	Effect of shot peening & laser shock peening on fatigue behaviour of Ti-15V-3Al-3Sn-3Cr	ISRO-RESPOND	Manivasagam,G., Dr. (F) Senior Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	18.66	36
3252	Experimental studies on tropospheric scintillation & associated rain attenuation for SATCOM links over north eastern India (Sikkim) at Ku/Ka band	ISRO-RESPOND	Chakraborty,S., Dr. (M) Associate Professor Sikkim Manipal University Sikkim Manipal University, Mazitar Rangpo - 737 136 Sikkim	17.58	36
3253	Geospatial numerical modelling of debris flow for quantitative landslide risk assessment considering the entrainment	ISRO-RESPOND	Satyam,N., Dr. (F) Associate Professor Indian Institute of Technology (Indore) Simrol Indore - 453 552 Madhya Pradesh	23.35	36
3254	High performance polymer Ketone-carbon fibre composite for future generation aviation & space applications	ISRO-RESPOND	Balachandran,M., Dr. (F) Associate Professor Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	24.96	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3255	Integrated geospatial approach for sustainable water management - study of Bengaluru	ISRO-RESPOND	Srinivasa,C.V., Dr. (M) Professor & Head Global Academy of Technology Rajarajeshwari Nagar Bengaluru - 560 098 Karnataka	39.71	36
3256	Investigations on transient rotor dynamic behavior of cryogenic engine turbo-pump including characterization of dynamic properties of rotor seal	ISRO-RESPOND	Darpe,A.K., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	24.51	36
3257	Ku-band Tx/Rx transportable reflect array antenna for satellite communication	ISRO-RESPOND	Habiba,H.U., Dr. (F) Professor Sri Venkateswara College of Engineering District Kancheepuram Sriperumbudur - 602 117 Tamil Nadu	20.94	24
3258	Landslide assessment using differential SAR interferometry	ISRO-RESPOND	Yarrakula,K., Dr. (M) Associate Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	21.58	36
3259	Late quaternary geomorphic evaluation of alluvial fans in Himalayas: Implication to past climate reconstruction & tectonic activity	ISRO-RESPOND	Jaiswal,M.K., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Kolkata) District Naida Mohanpur - 741 246 West Bengal	34.51	36
3260	Modeling spatio-temporal forest growth dynamics using dendroclimatological & Remote Sensing observations in north east India	ISRO-RESPOND	Tripathi,S.K., Prof. (M) Mizoram University Aizawal - 796 004 Mizoram	34.95	36
3261	Nanoparticle-enhanced gel propellant	ISRO-RESPOND	Kabiraj,L., Dr. (F) Assistant Professor Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	20.03	24
3262	Performance enhancement of circularly polarized planar/dielectric resonator antennas using defected ground structure	ISRO-RESPOND	Prajapati,P.R., Dr. (M) Associate Professor A.D. Patel Insitute of Technology New Vallabh Vidyanagar, Vitthal Udyognagar Anand - 388 121 Gujarat	14.92	24
3263	Simultaneous aging & corrosion inhibition process of maraging steel used in satellite launch vehicles	ISRO-RESPOND	Jacob,M.M., Mr. (M) Assistant Professor Amal Jyothi College of Engineering Kanjirappally Kottayam - 686 507 Kerala	14.80	18
3264	Speckle noise reduction in SAR images using Neuro-Fuzzy approaches for coastal zone change detection & monitoring	ISRO-RESPOND	Santhi,V., Dr. (F) Associate Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	14.20	24
3265	Spray light suppression in optical payloads via nanostructured absorbing surfaces fabricated femtosecond laser patterning	ISRO-RESPOND	Gopal,S.R., Dr. (M) Assistant Professor Hyderabad University Hyderabad - 500 046 Telangana	87.34	36
3266	Structure & mechanical properties of ultra-fine grained Cu-Cr/Cu-Cr-Ti alloy processed by equal channel angular processing	ISRO-RESPOND	Kumaran,S., Dr. (M) Associate Professor National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	21.19	30
3267	Study, design & development of model based programming for Field Programmable Gate Array (FPGA) based system design	ISRO-RESPOND	Manikandan, Dr. (M) Professor & Domain Head P.E.S. University Department of Signal Processing, 100 Ft Ring Road, Banashankari III Stage Bengaluru - 560 085 Karnataka	25.88	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3268	Synthesis & characterization of Epoxy-based inorganic-organic hybrid polymers & their evaluation as adhesives & matrix resins for composites for space applications	ISRO-RESPOND	Packirisamy,S., Prof. (M) Sharda University Plot No. 32-34, Knowledge Park III Greater Noida - 201 306 Uttar Pradesh	34.91	36
3269	Synthesis of aqueous Polychlorotrifluoro Ethylene (PCTFE) dispersion for cryogenic applications (Phase I)	ISRO-RESPOND	Seshadri,G., Dr. (F) Assistant Director Shriram Institute for Industrial Research # 19, University Road Delhi - 110 007 Delhi	24.43	18
3270	Thermal design optimization of Printed Circuit Boards (PCBs)	ISRO-RESPOND	Krishna,V., Dr. (M) Professor P.E.S. University 100 Ft Ring Road, Banashankari III Stage Bengaluru - 560 085 Karnataka	27.33	24
3271	Water resources assessment under climate uncertainties	ISRO-RESPOND	Pandey,A., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	23.61	36
3272	Weldability studies on Inconel 718	ISRO-RESPOND	Jerome,S., Dr. (F) Assistant Professor National Institute of Technology (Tiruchirappalli) Tiruchirappalli - 620 015 Tamil Nadu	9.84	12
3273	A neuroin formatics & simulation platform for evaluation & teatment of movement disorders	MEITY-R&D	Raghavan,M., Mr. (M) Assistant Professor Indian Institute of Technology (Hyderabad) Department of Biomedical Engineering, # 446, Academic Block C, Kandi Sangareddy - 502 285 Telangana	31.25	36
3274	A prototype of autonavigating E-Cart using multispectral imaging	MEITY-R&D	Singh,N.K., Dr. (M) Assistant Professor Indian Institute of Information Technology Senapati - 795 002 Manipur	40.00	36
3275	ADKit: Smartphone based artificial intelligence enabled portable low-cost Anemia detection kit based on observation of nail & palm pallor	MEITY-R&D	Dalui,M., Dr. (F) Assistant Professor National Institute of Technology (Durgapur) M.G. Avenue Durgapur - 713 209 West Bengal	28.94	36
3276	AI driven high throughput phenotyping to accelerate crop improvement through crop-images captured from Unmanned Aerial Vehicle (UAV) with on-vehicle sensors	MEITY-R&D	Rajalakshmi,P., Dr. (F) Indian Institute of Technology (Hyderabad) Department of Electrical Engineering, Kandi Sangareddy - 502 285 Telangana	100.00	36
3277	Automated machine vision system for leather surface quality discriminant function analysis by CEERI-Chennai & CLRI Chennai	MEITY-R&D	Sarma,A.S.S., Mr. (M) Sr. Principal Scientist CSIR-Central Electronics Engineering Research Institute CSIR Madras Complex, Taramani Chennai - 600 113 Tamil Nadu	87.30	24
3278	Design & development of anti-eve teasing device for women safety, by NIT Jalandhar	MEITY-R&D	Sood,N., Dr. (F) Assistant Professor National Institute of Technology (Jalandhar) Department of Electronics & Communication Engineering, Grand Trunck Road Jalandhar - 144 011 Punjab	15.00	18
3279	Design & development of automated aquaponics system for vertical farming in India	MEITY-R&D	Singh,J., Mr. (M) Centre for Development of Advanced Computing (C-DAC) A 34, Industrial Area, Phase 8, S.A.S. Nagar Mohali - 160 071 Punjab	160.05	18
3280	Design & development of facial paralysis quantitative analysis model using computer vision & machine learning tools for clinical assessment in India	MEITY-R&D	Mohan,C.K., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Computer Science Engineering, Kandi Sangareddy - 502 285 Telangana	30.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3281	Design & development of vision enhancement foggy weather	MEITY-R&D	Chaulya,S.K., Dr. (M) Scientist CSIR-Central Institute of Mining & Fuel Research Barwa Road Dhanbad - 826 001 Jharkhand	509.75	24
3282	Design & fabrication of passenger drone	MEITY-R&D	Subramanyan,V.N.B.A., Dr. (M) Associate Professor Indian Institute of Technology (Hyderabad) Sangareddy - 502 295 Telangana	854.25	36
3283	Development of forest fire detection system & pilot deployment in north eastern Indian states	MEITY-R&D	Prakash,L.R., Mr. (M) Director Centre for Development of Advanced Computing (C-DAC) Chennai - 600 113 Tamil Nadu	100.84	24
3284	Enhancement & field testing of digital solutions for the weavers/designers & artisans of north east region (Mizoram)	MEITY-R&D	Singh,S., Mr. (M) Digital India Corporation Electronics Niketan Annexe, 6 CGO Complex, Lodhi Road New Delhi - 110 003 Delhi	40.07	18
3285	Enhancement, field testing, training & maintenance of DigiBunai TM (Open source CAD tool for weaving)	MEITY-R&D	Singh,S.V., Mr. (M) Digital India Corporation 708-723, 7th Floor, Devika Tower, Nehru Place New Delhi - 110 019 Delhi	75.31	18
3286	Femtosecond laser approaches to quantum information & computation-innovating the perfectly secure channel towards robust & scable information processing	MEITY-R&D	Goswami,D., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	252.80	36
3287	Implementation of distributed automation system for state-owned electrical substation in north Sikkim by CDAC- Trivandrum	MEITY-R&D	Chazoor,T., Mr. (M) Scientist G Centre for Development of Advanced Computing (C-DAC) Control & Instrument Group, Vellayambalam Thiruvananthapuram - 695 033 Kerala	94.14	18
3288	National Mission on Power Electronics Phase III (NaMPET-III)	MEITY-R&D	Chacko,R.V., Mr. (M) Senior Director Centre for Development of Advanced Computing (C-DAC) Vellayambalem Thiruvananthapuram - 695 033 Kerala	9300.00	60
3289	Realization of series connection of Silicon Carbide (SiC) devices in converters with high frequency link bidirectional DCDC converter for grid interfaces PE systems	MEITY-R&D	Ganesan,P., Mr. (M) Scientist E Centre for Development of Advanced Computing (C-DAC) Vellayambalam Thiruvananthapuram - 695 033 Kerala	91.32	36
3290	Realization of series connection of Silicon Carbide (SiC) devices in converters with high frequency link bidirectional DCDC converter for grid interfaces PE systems	MEITY-R&D	Hatua,K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	91.32	36
3291	Spectroscopic platform for detection of adulteration in milk	MEITY-R&D	Panchariya,P.C., Dr. (M) CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	99.79	18
3292	Design & development of 'high efficiency solar water pumping systems	MNRE-RDD	Tripathi,A.K., Dr. (M) Director General National Institute of Solar Energy IDA Scudder Road Gurgaon - 122 001 Haryana	485.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3293	Flexible perovskite solar cells & intermediate module	MNRE-RDD	Sarkar,S.K., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	830.00	36
3294	Setting up facility for calibration of solar radiation measuring sensors & its analysis/ modelling based on ground surface measurements	MNRE-RDD	Tripathi,A.K., Dr. (M) Director General National Institute of Solar Energy Gurgaon - 122 001 Haryana	120.76	24
3295	System design, erection, testing & commissioning of 40 Kwth & 10 Kwe pilot plant aiming at the feasibility study of Mwe scale concentrated solar thermal plant integrated with 24 x 7 thermal energy storage	MNRE-RDD	Sethi,V.K., Dr. (M) Ram Krishna Dharmarth Foundation University Bhopal - 462 033 Madhya Pradesh	39.00	17
3296	Analysis of performance of inclined plate anchors embedded in geosynthetics reinforced soils for transmission tower foundations	MOP-RSOP	Babu,G.L.S., Dr. (M) Professor & Chairman Indian Institute of Science Department of Civil Engineering, Centre for Continuing Education, C.V. Raman Road Bengaluru - 560 012 Karnataka	31.96	18
3297	Bio-processing of coal industrial effluent & coal fines recovery using aquatic plants & phototrophs	MOP-RSOP	Anguselvi,V., Dr. (F) Senior Scientist CSIR-Central Institute of Mining & Fuel Research Division of Industrial Biotechnology & Waste Utilization Dhanbad - 828 108 Jharkhand	36.85	18
3298	Design & development of 5m long single phase HTS cable	MOP-RSOP	Gour,A.S., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Applied Superconductivity Laboratory, Cryogenic Engineering Centre Kharagpur - 721 302 West Bengal	51.21	18
3299	Design & development of a cost-effective & energy-efficient grid - connected pumped hydro system employed with sensor-less PMBLDCM	MOP-RSOP	Banerjee,A., Dr. (M) Assistant Professor National Institute of Technology (Meghalaya) Department of Electrical Engineering, Bijni Complex, Laitumkhrah Shillong - 793 003 Meghalaya	32.90	18
3300	Design & development of RF sensors for identification & localization of incipient discharges in GIS	MOP-RSOP	Arunachalam,K., Dr. (F) Associate Professor Indian Institute of Technology (Madras) Department of Engineering Design Chennai - 600 036 Tamil Nadu	38.40	18
3301	Design, development & validation of a new adaptive digital relaying scheme for power transformer	MOP-RSOP	Bhalja,B.R., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Department of Electrical Engineering, District Haridwar Roorkee - 247 667 Uttarakhand	47.73	18
3302	Development of high-power & high-energy density solid-state hybrid-energy storage device	MOP-RSOP	Elumalai,P., Dr. (M) Associate Professor Pondicherry University Centre for Green Energy Technology, Kalapet Puducherry - 605 014 Puducherry	59.24	18
3303	Development of nanocrystalline materials for solid oxide fuel cells working at 600 degree C	MOP-RSOP	Nesaraj,A.S., Dr. (M) Professor Karunya University Department of Chemistry, Karunya Institute of Technology & Science, Karunya Nagar Coimbatore - 641 114 Tamil Nadu	27.46	18
3304	High capacitance (50F to 200F) graphene supercapacitors for storage of power from renewable energy sorces	MOP-RSOP	Seema,A., Dr. (F) Scientist Centre for Materials for Electronics Technology (C-MET) Athani P.O. M.G. Kavuu Thrissur - 680 581 Kerala	71.28	18

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3305	IEC 61850 compliant SF6 monitoring system for gas insulated switchgear	MOP-RSOP	Biswal,G.R., Dr. (M) Associate Professor Veer Surendra Sai University of Technology Department of Electrical & Electronics Engineering Burla - 768 018 Odisha	48.00	24
3306	Investigations on control flexibilities of grid integrated solar photovoltaic energy conversion system	MOP-RSOP	Rao,S.S., Dr. (M) Professor National Institute of Technology (Warangal) Department of Electrical Engineering Warangal - 506 004 Telangana	31.10	18
3307	Model order reduction for simulation acceleration in power electronics	MOP-RSOP	Bazaz,M.A., Dr. (M) Associate Professor National Institute of Technology (Srinagar) Department of Electrical Engineering,Hazratbal Srinagar - 190 006 Jammu & Kashmir	7.02	18
3308	Post combustion Carbon Capture & Sequestration (CCS) plant on a coal fired thermal power plant - feasibility study	MOP-RSOP	Sethi,V.K., Dr. (M) Vice Chancellor R.K.D.F. University Airport Bypass Road, Near RGPV, Gandhi Nagar Bhopal - 462 033 Madhya Pradesh	38.50	18
3309	Action research on IWRM plan for Water security in identified villages of Western UP	MOWR-R&D WRM	Goyal,V.C., Dr. (M) Scientist G & Head National Institute of Hydrology Research Management & Outreach Division Roorkee - 247 667 Uttarakhand	830.00	36
Total Cost of 1031 Projects Under: Engineering and Technology				79,149.06	

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3310	A detailed study of the convection - diffusion-reaction and the stokes equations applied to the study of protein dynamics inside a cell	CSIR-GS	Choudhuri,D., Dr. (M) National Institute of Technology (Rourkela) Department of Mathematics Rourkela - 769 008 Odisha	18.96	36
3311	A study of orlicz sequence spaces and their operators	CSIR-GS	Raj,K., Dr. (M) Shri Mata Vaishno Devi University Department of Mathematics Katra - 182 320 Jammu & Kashmir	16.96	36
3312	A study of string universes and their significance for describing the dynamics of the universe and its future evolution	CSIR-GS	Singh,K.P., Dr. (M) Bodoland University Department of Mathematical Science Kokrajhar - 783 370 Assam	16.96	36
3313	Adaptive numerical methods & their convergence for the efficient numerical solution of singular boundary value problems	CSIR-GS	Roul,P.K., Dr. (M) National Institute of Technology (Nagpur) Department of Mathematics, Visvesvaraya Nagpur - 440 010 Maharashtra	14.36	36
3314	An study of shearlet frames and shearlet transform	CSIR-GS	Shukla,N.K., Dr. (M) Indian Institute of Technology (Indore) Discipline of Mathematics Indore - 453 552 Madhya Pradesh	15.61	36
3315	Desriptional complexity measures,ambiguity,trade-off in insertion systems and its application towards picture languages	CSIR-GS	Anand,M., Dr. (M) Vellore Institute of Technology University School of Computer Science & Engineering Vellore - 632 014 Tamil Nadu	1.80	24
3316	Development and analysis of supply chain models concerning environmental sustainability	CSIR-GS	Giri,B.C., Prof. (M) Jadavpur University Department of Mathematics Kolkata - 700 032 West Bengal	16.40	36
3317	Development of Mathematical models to minimize the impact of airline disruption in real time basis	CSIR-GS	Deepmala, Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Mathematics Discipline, PDPM Jabalpur - 482 005 Madhya Pradesh	16.69	36
3318	Development of theory of q-splines and applications in computer aided geometric design	CSIR-GS	Nallapu,V., Dr. (M) Vellore Institute of Technology University School of Advanced Science Chennai - 600 127 Tamil Nadu	1.80	24
3319	Extreme value statistics and evolution of various patterns in real world complex systems	CSIR-GS	Jalan,S., Dr. (F) Indian Institute of Technology (Indore) Indore - 452 020 Madhya Pradesh	18.96	36
3320	Modelling and analysis of stochastic HIV models with linear & nonlinear incidence	CSIR-GS	Bairagi,N., Prof. (M) Jadavpur University Department of Mathematics Kolkata - 700 032 West Bengal	16.96	36
3321	On some problems in Geometric function theory and quasiconformal mappings	CSIR-GS	Bhowmik,B., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Mathematics Kharagpur - 721 302 West Bengal	16.96	36
3322	On some progress in the field of growth properties of composites entire and meromorphic functions	CSIR-GS	Datta,S.K., Prof. (M) Kalyani University Department of Mathematics Kalyani - 741 235 West Bengal	16.71	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3323	Study of wave propagation phenomena in the context of size dependent elastic theories	CSIR-GS	Kumar,S., Dr. (M) Thapar University School of Mathematics Patiala - 147 004 Punjab	16.61	36
3324	Study on metric fixed point results with possible applications	CSIR-GS	Dey,L.K., Dr. (F) National Institute of Technology (Durgapur) Department of Mathematics Durgapur - 713 209 West Bengal	14.46	36
3325	Wavelets on Vilenkin Group	CSIR-GS	Singh,D., Dr. (F) National Institute of Technology (Rourkela) Department of Mathematics Rourkela - 769 008 Odisha	0.80	24
3326	Assessment of multi-stakeholder engagement in tourism-insights from social media & service providers	DST-ICPS	Kar,A.K., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Department of Management Studies, Vishwakarma Bhawan, Shaheed Jeet Singh Marg New Delhi - 110 016 Delhi	27.97	24
3327	Cancer classification using gene expression data	DST-ICPS	Manvi,S.S., Dr. (M) Professor & Director Reva University School of Computing & Information Technology, Rukmini Knowledge Park, Kattigenahalli, Yelahanka Bengaluru - 560 064 Karnataka	39.00	36
3328	Data management & machine learning models to create a robust farm advisory system to improve farm performance & welfare of farmers	DST-ICPS	Kumar,U.D., Dr. (M) Professor & Chairperson Indian Institute of Management (Bangalore) Department of Data Centre & Analytics Lab., Bannerghatta Road Bengaluru - 560 076 Karnataka	33.48	36
3329	Data reduction techniques for genomic & transcriptomic data sets	DST-ICPS	Ahmad,S., Dr. (M) Professor Jawaharlal Nehru University School of Computational & Integrative Sciences, New Mehrauli Road New Delhi - 110 067 Delhi	42.63	36
3330	Data science & machine learning (A Centre of Excellence)	DST-ICPS	Ghosh,A., Dr. (M) Professor Indian Statistical Institute Centre for Soft Computing Research, 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	111.47	36
3331	Deep learning for improving photoacoustic imaging	DST-ICPS	Yalavarthy,P.K., Dr. (M) Associate Professor Indian Institute of Science Department of Computational & Data Sciences, C.V. Raman Avenue Bengaluru - 560 012 Karnataka	27.18	36
3332	Design & development of an adaptive Brain Computer Interface (BCI) based assistive tool for Paralytic people	DST-ICPS	Kanaga,E.G.M., Dr. (F) Associate Professor Karunya University Department of Computer Science & Technology, Karuny Nagar Coimbatore - 641 114 Tamil Nadu	38.84	36
3333	Design & implementation of content based recommender system for effectively answering web based user queries	DST-ICPS	Sharma,Y., Dr. (M) Assistant Professor Birla Institute of Technology & Science (Pilani) Department of Computer Science & Information System, Vidya Vihar Pilani - 333 031 Rajasthan	36.08	36
3334	Design & implementation of e-learning system using deep learning based on audio-video speech recognition for hearing impaired in native language	DST-ICPS	Kumar,L.A., Dr. (M) Professor P.S.G. College of Technology Department of Electrical & Electronics Engineering, Peelamedu Coimbatore - 641 004 Tamil Nadu	67.29	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3335	Detection of cause of life threatening diseases by examining the human genome in microarray data using distributed implementation of Algorithms	DST-ICPS	Dhanalakshmi,R., Dr. (F) Associate Professor National Institute of Technology (Puducherry) Department of Computer Science & Engineering, Chumukedima Dimapur - 797 103 Nagaland	19.87	36
3336	Detection of cause of life threatening diseases by examining the human genome in microarray data using distributed implementation of Algorithms	DST-ICPS	Tayal,D.K., Dr. (M) Professor Indira Gandhi Delhi Technical University for Women Department of Computer Science & Engineering, James Church, Opp. Kashmere Gate Delhi - 110 006 Delhi	19.87	36
3337	Development of robust face recognition software from still images & videos using deep learning techniques	DST-ICPS	Mitra,S., Dr. (F) Assistant Director Centre for Development of Advanced Computing (C-DAC) Advanced Signal Processing Group, Plot E2/1, Block GP, Sector V, Salt Lake City Kolkata - 700 091 West Bengal	45.72	36
3338	Development of robust face recognition software from still images & videos using deep learning techniques	DST-ICPS	Ghosh,A., Dr. (M) Professor Indian Statistical Institute Centre for Soft Computing Research, 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	58.90	36
3339	Development of robust face recognition software from still images & videos using deep learning techniques	DST-ICPS	Banerjee,S., Mr. (M) Professor Indian Institute of Technology (Delhi) Department of Computer Science & Engineering, Hauz Khas New Delhi - 110 016 Delhi	14.76	36
3340	Distributed multi-agent Algorithms for dynamic control of microgrids	DST-ICPS	Bhatnagar,S., Dr. (M) Professor Indian Institute of Science Department of Computer Science & Automation & The Robert Bosh Centre for Cyber Physical System Bengaluru - 560 012 Karnataka	55.40	36
3341	Exploration in Astrophysical data mining, Astrostatistics & Astroinformatics	DST-ICPS	Desai,S., Dr. (M) Associate Professor Indian Institute of Technology (Hyderabad) Department of Physics, Kandi Sangareddy - 502 285 Telangana	62.32	36
3342	Generation & labelling of LiDAR point cloud for automatic classification through CNN approach	DST-ICPS	Lohani,B., Dr. (M) Professor Indian Institute of Technology (Kanpur) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	60.54	36
3343	Large scale biological network reconstruction & analysis for identifying therapeutic targets for Alzheimer: A big data initiative	DST-ICPS	Roy,S., Dr. (M) Assistant Professor North-Eastern Hill University Department of Information Technology, Umshing Shillong - 793 022 Meghalaya	57.36	36
3344	Learning from egocentric videos	DST-ICPS	Arora,C., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Department of Computer Science & Engineering, Okhla Phase 3 New Delhi - 110 020 Delhi	31.96	36
3345	Learning from egocentric videos	DST-ICPS	Jawahar,C.V., Prof. (M) Principal Investigator International Institute of Information Technology Department of Computer Science & Engineering, Centre for Visual Information Processing, Professor C.R. Rao Road, Gachibowli Hyderabad - 500 032 Telangana	31.35	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3346	Methods & mobile applications for interpretation of emotion in various Odiya dialects	DST-ICPS	Swain,M., Dr. (F) Sr. Assistant Professor Silicon Institute of Technology Department of Electronics & Communication Engineering, Silicon Hills, Patia Bhubaneswar - 751 024 Odisha	26.11	36
3347	Multi graph based anomaly detection model for social network analysis using machine learning	DST-ICPS	Venkatesan,M., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Department of Computer Science & Engineering, Surathkal Mangalore - 575 025 Karnataka	33.70	36
3348	Natural non-native English speech synthesis	DST-ICPS	Ghosh,P.K., Dr. (M) Assistant Professor Indian Institute of Science Department of Electrical Engineering Bengaluru - 560 012 Karnataka	50.58	36
3349	Preservation & analysis of the century long solar data from Kodalkanal solar observatory	DST-ICPS	Banerjee,D., Dr. (M) Professor Indian Institute of Astrophysics Koramangala Bengaluru - 560 034 Karnataka	68.17	36
3350	Scaling up a high-throughput gravitational-wave search pipeling using randomized numerical linear Algebra	DST-ICPS	Sengupta,A.S., Dr. (M) Assistant Professor Indian Institute of Technology (Gandhinagar) Department of Physics, Academic Block 5/326, Village Palaj, Simkheda Gandhinagar - 382 355 Gujarat	55.64	36
3351	Towards next generation deep learning: Faster, smaller & easier	DST-ICPS	Balasubramanian,V.N., Dr. (M) Assistant Professor Indian Institute of Technology (Hyderabad) Department of Computer Science & Engineering, Main Road, Near NH 65, Kandi Sangareddy - 502 285 Telangana	63.91	36
3352	V2O: Video-to-description generation using deep learning	DST-ICPS	Mondal,A., Dr. (M) Assistant Professor Indian Institute of Technology (Patna) Department of Computer Science & Technology Patna - 801 103 Bihar	32.10	36
3353	A class of multi scale problems from random dynamical systems	DST-MATRICES	Nair,S.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3354	A dynamically adaptive wavelet Algorithm for solution of evolution equations with localized structures	DST-MATRICES	Behera,R., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3355	A parameter-uniform approximation for singularly perturbed parabolic reaction-diffusion boundary value problems	DST-MATRICES	Kumar,D., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	6.60	36
3356	A quest for new exactly solvable systems using exceptional orthogonal polynomials	DST-MATRICES	Mandal,B.P., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	6.60	36
3357	A study of controllability of navier-stokes equations with navier boundary conditions	DST-MATRICES	Haloi,R., Dr. (M) Tezpur University P.B. No. 72, Napaam, District Sonitpur Tezpur - 784 011 Assam	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3358	A study of convexity parameters, lp - funcations, Steiner sets & related problems on Graphs	DST-MATRICS	Narasimhashenoi,P.G., Dr. (M) Government College Chittur Palakkad - 678 104 Kerala	6.60	36
3359	A study of dynamic programs arising in the context of feedback capacity of finite-state channels	DST-MATRICS	Kashyap,N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3360	A study of graphs on semigroups	DST-MATRICS	Kumar,J., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	6.60	36
3361	A study of homotopy invariants of a model category	DST-MATRICS	Gondhali,S.S., Dr. (F) Birla Institute of Technology & Science (Pilani) NH 17, Bypass Road Zuarinagar - 403 726 Goa	6.60	36
3362	A study of nonlinear polyharmonic boundary value problems with dependence on gradient	DST-MATRICS	Dwivedi,G., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	6.60	36
3363	A study of Riesz transforms associated to the Grushin operator	DST-MATRICS	Sanjay,P.K., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	6.60	36
3364	A study of the fixed point theory & applications via fractional calculus	DST-MATRICS	Jain,S., Dr. (F) Poornima College of Engineering ISI-2, RICO Institutional Area, Sitapura Jaipur - 302 022 Rajasthan	6.60	36
3365	A study on certain hyper-poisson related distributions	DST-MATRICS	Kumar,C.S., Dr. (M) Kerala University 23, Palayam Airport Road, Palayam Thiruvananthapuram - 695 034 Kerala	6.60	36
3366	A study on exact generating functions & congruences for partition functions associated to Ramanujan's mock theta functions & other related functions	DST-MATRICS	Baruah,N.D., Dr. (M) Tezpur University P.B. No. 72, Napaam, District Sonitpur Tezpur - 784 011 Assam	6.60	36
3367	A study on topological dynamical systems with emphasis on groups dynamics	DST-MATRICS	Kamaludheen,A., Dr. (M) Central University of Kerala B.K.M. Towers, Nayanmar Moola Vidyanagar Kasaragod - 671 123 Kerala	6.60	36
3368	A theoretical & numerical study of the control problems involving differential equations with memory terms	DST-MATRICS	Kumar,A., Dr. (M) Birla Institute of Technology & Science (Pilani) NH 17B, Bypass Road, Sancoale Zuarinagar - 403 726 Goa	6.60	36
3369	A1- homotopy & birational geometry	DST-MATRICS	Balwe,C.T., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3370	Abelian varieties, galois representations & modular forms	DST-MATRICS	Patankar,V.M., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3371	Action of automorphisms on Sub(G) & IRS	DST-MATRICS	Shah,R., Dr. (F) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	6.60	36
3372	Algebra structures on certain quadrics	DST-MATRICS	Sengupta,I., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36
3373	Algebraic Geometry over symmetric monoidal categories & tensor triangular Geometry	DST-MATRICS	Banerjee,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3374	Algorithms for graph similarity self join	DST-MATRICS	Awekar,A.C., Dr. (M) Indian Institute of Technology (Guwahati) Department of Computer Science & Engineering Kamrup - 781 039 Assam	6.60	36
3375	An investigation of Algebraic structure & hamming weights of constacyclic codes over finite fields & finite chain rings	DST-MATRICS	Rani,S., Dr. (F) Shri Atmanand Jain P.G. College Ambala - 134 003 Haryana	6.60	36
3376	Analysis & development of numerical schemes & fitted mesh for non-oscillatory approximation of evolutionary partial differential equations	DST-MATRICS	Dubey,R.K., Dr. (M) S.R.M. Institute of Sciences & Technology Hospital Road, Potheri, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	6.60	36
3377	Analysis of critical phenomena in discrete lattice models using graph theoretical approaches & Pade' approximants	DST-MATRICS	Sangaranarayanan,M.V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3378	Analysis of fractional order differential & integral equations	DST-MATRICS	Bhalekar,S.B., Dr. (M) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	6.60	36
3379	Analysis of Statistical signal processing models	DST-MATRICS	Kundu,D., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3380	Analytic theory of automorphic forms	DST-MATRICS	Das,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3381	Analytical & numerical study of rarefied binary gas mixtures	DST-MATRICS	Gupta,V.K., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.60	36
3382	Applications of frames & wavelets in quantum information theory	DST-MATRICS	Kaushik,S.K., Dr. (M) Kirorimal College Delhi University Delhi - 110 007 Delhi	6.60	36
3383	Applications of spectral graph theory in analyzing the structural properties of large scale networks	DST-MATRICS	Selvaganesh,L., Dr. (F) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	6.60	36
3384	Approximate geodesic nearest neighbors & shortest paths	DST-MATRICS	Inkulu,R., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3385	Approximation Algorithms for guarding polygons	DST-MATRICS	Ghosh,S.K., Dr. (M) Ramakrishna Mission Vivekananda University Belur Math Howrah - 711 202 West Bengal	6.60	36
3386	Approximation theory for PDE constrained optimization & variational inequalities	DST-MATRICS	Gudi,T., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3387	Arithmetic circuit complexity of the polynomials in VP	DST-MATRICS	Limaye,N., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3388	Arithmetic of fourier-coefficients of modular forms	DST-MATRICS	Gun,S., Dr. (F) Institute of Mathematical Sciences IV Cross Road, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3389	Arithmetic properties of automorphic L-functions	DST-MATRICS	Raghuram,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3390	Arithmetic theory of motivic & automorphic L-functions	DST-MATRICS	Bhagwat,C., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3391	Around the volume conjecture in Knot theory	DST-MATRICS	Mishra,R., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3392	Aspects of Chem-Simons theories	DST-MATRICS	Shiroman,P., Dr. (M) Dayal Bagh Educational Institute Dayal Bagh Agra - 282 005 Uttar Pradesh	6.60	36
3393	Automorphism groups & torus quotients	DST-MATRICS	Subramaniam,S.K., Dr. (M) Chennai Mathematical Institute H 1, Sipcott IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3394	Axiomatics of betweenness in discrete structures	DST-MATRICS	Changat,M., Dr. (M) Kerala University Near Aasan Square, 23, Palayam Airport Road Thiruvananthapuram - 695 034 Kerala	6.60	36
3395	Bayesian density estimation using ranked set sampling	DST-MATRICS	Chacko,M., Dr. (M) Kerala University 23, Palayam Airport Road, Palayam Thiruvananthapuram - 695 034 Kerala	6.60	35
3396	Bifurcation analysis & persistence of solutions for various delay differential equations	DST-MATRICS	Sen,M., Dr. (F) National Institute of Technology (Patna) Patna - 800 005 Bihar	6.60	36
3397	Bifurcation of various spatio-temporal patterns in integro-differential equations	DST-MATRICS	Banerjee,M., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3398	Biorthogonal krylov subspace bases & short recurrences	DST-MATRICS	Ahuja,K., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.60	36
3399	Birkhoff-James orthogonality & its application in the geometry of banach spaces	DST-MATRICS	Paul,K., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	6.60	36
3400	Blocking sets of external, secant & tangent lines with respect to a quadric in PG (d,q)	DST-MATRICS	Sahoo,B.K., Dr. (M) National Institute of Science Education & Research P.O. Jatni, Khurda Bhubaneswar - 752 050 Odisha	6.60	36
3401	Bounded gaps between primes over number fields	DST-MATRICS	Chatterjee,T., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	6.60	36
3402	Boundedness properties of maximal functions	DST-MATRICS	Shrivastava,S.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	6.60	36
3403	Braids, quandles & group actions	DST-MATRICS	Singh,M., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3404	Burnside Algebras - Computational aspects of commutative Algebra & Algebraic Geometry	DST-MATRICS	Patil,D.P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3405	Certain aspects of univalent functions starlike with respect to a boundary point	DST-MATRICS	Sivasubramanian,S., Dr. (M) University College of Engineering Anna University, Melpakkam Villupuram - 604 001 Tamil Nadu	6.60	36
3406	Classical K-theory for module finite rings & graded Algebras	DST-MATRICS	Basu,R., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3407	Clustering of Markov chains	DST-MATRICS	Kashikar,A.S., Dr. (M) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	6.60	36
3408	Coarse Geometry, etale groupoids & applications to higher index theory	DST-MATRICS	Roy,I., Dr. (M) Institute of Mathematical Sciences IV Cross Road, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3409	Coloring of some special classes of graphs	DST-MATRICS	Thiyagararajan,K., Dr. (M) Indian Statistical Institute New No. 37, Nelson Manickam Road, Aminjikarai Chennai - 600 029 Tamil Nadu	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3410	Combinatorial aspects of maps between homotopy associative spaces	DST-MATRICS	Basu,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3411	Combinatorics of polynomials & theoretical Computer Science	DST-MATRICS	Srinivasan,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3412	Complexity of planar & sparse graph problems	DST-MATRICS	Datta,S., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3413	Complexity of star colouring & its restricted version	DST-MATRICS	Shalu,M.A., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Melakottaiyur Village, Off Vandalur-Kelambakkam Road Chennai - 600 127 Tamil Nadu	6.60	36
3414	Compression & representation of biological shapes & signals using diffusion wavelet	DST-MATRICS	Kavita, Dr. (F) Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	6.60	36
3415	Compressive sensing & applications	DST-MATRICS	Singh,M.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	6.60	36
3416	Computations in the groups of lie type	DST-MATRICS	Singh,A.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3417	Computing the geometric mean of N symmetric positive definite matrices	DST-MATRICS	Singh,J., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	6.60	36
3418	Confetti percolation & covered area fraction	DST-MATRICS	Roy,R., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3419	Constraint preserving methods for the solution of Maxwell & MHD equations	DST-MATRICS	Chandrashekarappa,P., Dr. (M) Tata Institute of Fundamental Research Bellary Road Bengaluru - 560 065 Karnataka	6.60	36
3420	Constructing new central trapdoors & multivariate cryptosystems for hidden field equations	DST-MATRICS	Dutta,R., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	6.60	36
3421	Construction of non-monotonic lyapunov function for the dynamical systems governed by differential inclusions	DST-MATRICS	Kamal,S., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3422	Contact problems on planar heterogeneous elastic media	DST-MATRICS	Muthukumar,T., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3423	Convergence analysis of nonconvex ADMM for rank-constrained semidefinite programming	DST-MATRICS	Chaudhury,K.N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3424	Convergence estimates of linear solvers for heterogeneous saddle point problems in phase field models	DST-MATRICS	Kumar,P., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	6.60	36
3425	Cost-effective methods of multiple testing for sequential data	DST-MATRICS	De,S.K., Dr. (M) National Institute of Science Education & Research P.O. Sainik School Bhubaneswar - 751 005 Odisha	6.60	36
3426	Coupled u-v & immersed interface methods for incompressible viscous flows	DST-MATRICS	Kalita,J.C., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	6.60	36
3427	Covering arrays on graphs & hypergraphs	DST-MATRICS	Maity,S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3428	Cryptology in the Era of post quantum	DST-MATRICS	Sarkar,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3429	Crystallization of $U_q(\mathfrak{gl}_m) \times U_q(\mathfrak{gl}_2)$ - commuting action on $V_{-(q, \wedge)}(2m)$	DST-MATRICS	Venkata,S.K., Dr. (M) Chennai Mathematical Institute H1, Sipcott IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3430	Deciding the membership of the graph Isomorphism & the graph automorphism problems in the complexity class co-NP	DST-MATRICS	Aurora,P.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	6.60	36
3431	Deformation of torsors under parahoric group schemes on the projective line	DST-MATRICS	Pandey,Y., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3432	Deformation theory of Algebraic structures & hom-Algebras in Geometry	DST-MATRICS	Mandal,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3433	Degenerations of geometric structures & meromorphic differentials on Riemann surfaces	DST-MATRICS	Gupta,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3434	Design & analysis of wireless networks using Stochastic Geometry	DST-MATRICS	Vaze,R., Dr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Navy Nagar, Coloba Mumbai - 400 005 Maharashtra	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3435	Determination of reducing submodules of Hilbert modules with S_n -invariant kernels	DST-MATRICS	Roy,S.S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3436	Development of dispersion, dissipation characteristics preserving finite difference schemes for fluid flow problems	DST-MATRICS	Sen,S., Dr. (M) Tezpur University P.B. No. 72, Napaam, District Sontipur Tezpur - 784 011 Assam	6.60	36
3437	Development of Heuristic & Metaheuristic techniques for some emerging problems in manufacturing & logistics	DST-MATRICS	Singh,A., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	6.60	36
3438	Development of methodology for quantitative CEST-MRI	DST-MATRICS	Singh,A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3439	Development of multi-criteria optimization models under uncertainty for software component evaluation & selection in the component-based software development	DST-MATRICS	Gupta,P., Dr. (M) Delhi University Delhi - 110 007 Delhi	6.60	36
3440	Development of new designs of secure image encryption schemes utilizing robust chaos & discrete fractional transforms	DST-MATRICS	Patidar,V., Dr. (M) Sri Padmapat Singhania University Bhatewar, Tahsil Vallabh Nagar Udaipur - 313 601 Rajasthan	6.60	36
3441	Development of weakly singular integral formulations for mixed boundary value problems in linear elasticity	DST-MATRICS	Kulkarni,S.S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3442	Directed steiner trees & related problems	DST-MATRICS	Garg,N., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3443	Dynamic modeling of spatial epidemic & eco-epidemiological systems - a new healthcare initiative	DST-MATRICS	Upadhyay,R.K., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	6.60	36
3444	Dynamical systems on homogeneous spaces & interactions with Number theory	DST-MATRICS	Ghosh,A., Dr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Navy Nagar, Colaba Mumbai - 400 005 Maharashtra	6.60	36
3445	Dynamics & integrability of Nilpotent scalar field theory & its mechanical reduction	DST-MATRICS	Krishnaswami,G.S., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3446	Dynamics preserving discretization technique for nonlinear system of differential equations	DST-MATRICS	Bairagi,N., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	6.60	36
3447	Effect of time lag & stochastic perturbation on the calcium oscillation in cardiomyocyte: Study based on Mathematical model	DST-MATRICS	Chatterjee,S., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, P.O. Box #04 Faridabad - 121 001 Haryana	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3448	Efficient symmetry breaking in the congest model	DST-MATRICS	Kothapalli,K., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	6.60	36
3449	Eigenfunctions of the Laplacian operator on sub-domains of S ²	DST-MATRICS	Janakiraman,S., Dr. (M) Centre for Development of Advanced Computing (C-DAC) Ganeshkhind Pune - 411 007 Maharashtra	6.60	36
3450	Elliptic curves with complex multiplication & hypergeometric sums	DST-MATRICS	Barman,R., Dr. (M) Indian Institute of Technology (Guwahati) Near Doule Gobinda Road, Amingaon Guwahati - 781 039 Assam	6.60	36
3451	Elliptic equations involving hardy & citical exponent	DST-MATRICS	Goyal,S., Dr. (F) Bennett University Plot No 8-11, Techzone II Greater Noida - 201 310 Uttar Pradesh	6.60	36
3452	Elliptic matrices	DST-MATRICS	Ramamurthy,B., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3453	Embedding: A tool to topological indices & graph matching problems	DST-MATRICS	Quadras,J., Dr. (F) Maris Stella College NH 5 Frontage Road, RTC Colony, Benz Circle Vijayawada - 520 008 Andhra Pradesh	6.60	36
3454	Entrywise powers & power series preserving positivity in fixed dimension	DST-MATRICS	Khare,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3455	Enumeration of splitting subspaces of linear transformations over finite fields	DST-MATRICS	Ram,S., Dr. (M) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	6.60	36
3456	Enumerative Geometry & Gromov-Witten invariants	DST-MATRICS	Mukherjee,R., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Institute of Physics Campus Bhubaneswar - 751 005 Odisha	6.60	36
3457	Equilibrium analysis of Bayesian games with discontinuous payoffs for smart grid applications	DST-MATRICS	Bhatnagar,M., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3458	Estimates of bergman kernels & automorphic forms	DST-MATRICS	Aryasomayajula,A., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road Tirupati - 517 507 Andhra Pradesh	6.60	36
3459	Evolutionary stability in asymmetric games with continuous strategy space	DST-MATRICS	Shaiju,A.J., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3460	Exceptional polynomials & their applications to wigner function	DST-MATRICS	Kamarajugadda,C.V.S.S., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawaharnagar, Shamirpet, Mandal Ranga Reddy - 500 078 Telangana	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3461	Explicit formulas for a class of general L functions	DST-MATRICS	Kotyada,S., Dr. (M) Institute of Mathematical Sciences IV Cross Road, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3462	Extremal partial VC-dimesnsion & fine-grained fold-cut problems	DST-MATRICS	Misra,N., Dr. (F) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36
3463	Factorizations of products of cycles	DST-MATRICS	Borse,Y.M., Dr. (M) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	6.60	36
3464	Families of adjoint L-functions & selmer group for hilbert mdoular forms	DST-MATRICS	Balasubramanyam,B., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3465	Feedback control of stochastic hybrid systems with state-dependent noise	DST-MATRICS	Chitraganti,S., Dr. (M) Indian Institute of Technology (Palakkad) Ahalia Integrated Campus, Kozhippara Palakkad - 678 557 Kerala	6.60	36
3466	Finite element analysis of singularly perturbed parabolic partial differential difference equations	DST-MATRICS	Sharma,K.K., Dr. (M) South Asian University Akbar Bhwan, Chanakyapuri New Delhi - 110 021 Delhi	6.60	36
3467	Finite element methods for nonlinear plate bending problems & optimal control problems governed by nonlinear plates	DST-MATRICS	Nataraj,N., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3468	Finite element solver for differential equations: An open source numerical package	DST-MATRICS	Ganesan,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3469	Finite generation of kernel of locally nilpotent derivations over polynomial rings in four & five variables	DST-MATRICS	Lokhande,S.A., Dr. (M) Indian Institute of Information Technology Block 09, Government Engineering College, Sector 28 Gandhinagar - 382 028 Gujarat	6.60	36
3470	Finite group actions on product of spaces of type (O,O) & Borsuk-Ulam type theorem for product of projective spaces	DST-MATRICS	Singh,H.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	6.60	36
3471	Fourier Algebras on ultraspherical hypergroups	DST-MATRICS	Nageswaran,S.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3472	Fractional-in time evolution equations: Theoretical & computational studies	DST-MATRICS	Pani,A.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3473	Free boundary value problems & sigular parabolic partial differential equations	DST-MATRICS	Tyagi,J., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3474	Gauge theory of categorical principal bundles	DST-MATRICS	Chatterjee,S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	6.60	36
3475	Generalized higher derivable mappings on rings with applications	DST-MATRICS	Ashraf,M., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	6.60	36
3476	Generalized solution concepts in non-cooperative game theory: Coaction equilibrium & its dynamics formulation	DST-MATRICS	Sinha,S., Dr. (M) Institute of Mathematical Sciences IV Cross Road, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3477	Geometry of rational functions with prescribed poles	DST-MATRICS	Shah,W.M., Dr. (M) Central University of Kashmir Sonwar (Near G.B. Pant Hospital) Srinagar - 190 004 Jammu & Kashmir	6.60	36
3478	Geometry on the space of matrices & positivity properties	DST-MATRICS	Jain,T., Dr. (F) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3479	Goodness of fit tests for probability distributions of smooth manifolds pertaining to directional data analysis	DST-MATRICS	Kulkarni,H.V., Dr. (F) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	6.60	36
3480	Graph theory, Linear Algebra & Coding theory applied to broadcast communication	DST-MATRICS	Krishnan,P., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	6.60	36
3481	Graphs constructed from additive operator of commutative rings	DST-MATRICS	Asir,T., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	6.60	36
3482	Group of extra twists beyond GL_2^Q	DST-MATRICS	Banerjee,D., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3483	Hadwiger's conjecture: Via squaring graphs & via box representations	DST-MATRICS	Leela,S.C., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3484	Hecke Algebras & the langlands program	DST-MATRICS	Mishra,M.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3485	Heckman-opdam hypergeometric functions & harmonic analysis	DST-MATRICS	Narayanan,K.E., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3486	Higher order approximation of stochastic differential equations	DST-MATRICS	Kumar,C., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	6.60	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3487	Higher order compact finite difference methods & monotone iterative Algorithms for nonlinear partial differential equations	DST-MATRICS	Vijesh,A.V., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.60	36
3488	Higher-order adaptive approaches for nonlinear singular boundary value problems governing electrohydrodynamic flow in a circular cylindrical conduit	DST-MATRICS	Roul,P.K., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	6.60	36
3489	High-order numerical integration scheme based on fourier continuation approximations	DST-MATRICS	Anand,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3490	Holomorphic Cartan Geometry	DST-MATRICS	Biswas,I., Dr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Navy Nagar, Colaba Mumbai - 400 005 Maharashtra	6.60	36
3491	Hydrodynamics of bubbles/drops/soft particles in porous media-volume averaging approach	DST-MATRICS	Prakash,J., Dr. (M) Mahindra Ecole Centrale Survey No. 62/1A, Bahadurpally, Jeedimetla Hyderabad - 500 043 Telangana	6.60	36
3492	Hypergraph technique for intrusion detection systems	DST-MATRICS	Kirthivasan,K., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	6.60	36
3493	Identities among eigenforms & zeros of certain L-functions	DST-MATRICS	Meher,J., Dr. (M) National Institute of Science Education & Research P.O. Sainik School Bhubaneswar - 751 005 Odisha	6.60	36
3494	Impact of information of disease prevalence on the dynamics of diseases: A Mathematical study	DST-MATRICS	Srivastava,P.K., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	6.60	36
3495	Implicit constitutive relation - Representation & analysis	DST-MATRICS	Saravanan,U., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3496	Improvement dynamics in games & asynchronous systems	DST-MATRICS	Simon,S.E., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3497	Independence polynomials of graphs & associated fractals	DST-MATRICS	Nayak,T., Dr. (M) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	6.60	36
3498	Inference for functional data & related applications	DST-MATRICS	Shirke,D.T., Dr. (M) Shivaji University Vidya Nagar Kolhapur - 416 004 Maharashtra	6.60	36
3499	Information geometry of reaction networks	DST-MATRICS	Gopalkrishnan,M., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3500	Integral equation & its application to the problems on interaction of water waves with obstacles present in ocean	DST-MATRICS	Banerjea,S., Dr. (F) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	6.60	36
3501	Interacting URN Schemes	DST-MATRICS	Bandyopadhyay,A., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3502	Investigating a class of operators on certain Hilbert spaces & their connection to frame theory	DST-MATRICS	Lata,S., Dr. (F) Shiv Nadar University Village Chithera, Tehsil Dadri, Gautam Budha Nagar Noida - 203 207 Uttar Pradesh	6.60	36
3503	Investigation of certain open problems in planar harmonic mappings	DST-MATRICS	Prajapat,J.K., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	6.60	36
3504	Investigation of statistical aspects of step-stress life testing	DST-MATRICS	Ganguly,A., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	6.60	36
3505	Investigations on Hamiltonian systems with balanced loss & gain	DST-MATRICS	Ghosh,P.K., Dr. (M) Visva Bharati University Bolpur, Santiniketan Birbhum - 731 235 West Bengal	6.60	36
3506	Irreducibility & Galois groups of polynomials	DST-MATRICS	Laishram,S., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3507	K-fusion frames-applications to sensor network & coding theory	DST-MATRICS	Mukherjee,S., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhrah Shillong - 793 003 Meghalaya	6.60	36
3508	Kinetics of gastric gels: Protection & transport	DST-MATRICS	Sircar,S., Dr. (M) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	6.60	36
3509	Knot invariants arising from quandles	DST-MATRICS	D'Mello,S., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3510	Lagrangian Floer theory	DST-MATRICS	Venugopalan,S., Dr. (F) Institute of Mathematical Sciences IV Cross Road, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3511	Linear complexity, 2-adic linear complexity & autocorrelation values of generalized cyclotomic sequences	DST-MATRICS	Kewat,P.K., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	6.60	36
3512	Linear stability analyses of interfacial flows of fluids with complex rheology	DST-MATRICS	Sahu,K.C., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	6.60	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3513	Local cohomolgy over ring of invariants	DST-MATRICS	Puthenpurakal,T.J., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3514	Locally risk minimizing option pricing in semi-Markov modulated market model	DST-MATRICS	Goswami,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3515	Low dimesnsional topology	DST-MATRICS	Kalelkar,T.D., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3516	Lower bounds in distributed computing	DST-MATRICS	Augustine,J.E., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3517	Matching & its variations: Structural & Algorithmic study	DST-MATRICS	Panda,B.S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3518	Mathematical investigations on love type wave propagation in anisotropic media	DST-MATRICS	Kundu,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	6.60	36
3519	Mathematical model development & analysis of bullwhip effect in closed-loop supply chain under uncertainties	DST-MATRICS	Giri,B.C., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	6.60	36
3520	Mathematical modeling & finite element analysis of Wind Turbine Blades (WTB): Coupled ID approach	DST-MATRICS	Shukla,K.K., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	6.60	36
3521	Mathematical modeling of articular cartilage in knee joint & endothelial glycocalyx in an artery using anisotropic porous media	DST-MATRICS	Rajasekhar,G.P., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	6.60	36
3522	Mathematical modelling & exact propagating soliton solutions of few nonlinear partial differential equations governing the nonlinear magnetization dynamics of ordered magnetic systems	DST-MATRICS	Louis,K., Dr. (F) Central University of Tamil Nadu Thiruvavur - 610 001 Tamil Nadu	6.60	36
3523	Mathematical modelling of biased swimming micro-organisms via bioconvection	DST-MATRICS	Panda,M.K., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Pandit Dwarka Prasad Mishra, Dumna Airport Road Jabalpur - 482 005 Madhya Pradesh	6.60	36
3524	Mathematical programming problems with equilibrium/ vanishing constraints & applications	DST-MATRICS	Mishra,S.K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	6.60	36
3525	Mathematical study of waves in continuum elastic solids	DST-MATRICS	Tomar,S.K., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3526	Matrices, generalized inverses & applications	DST-MATRICES	Karantha,M.P., Dr. (M) Manipal Academy of Higher Education Udupi Manipal - 576 104 Karnataka	6.60	36
3527	Maximum number of zeros of polynomial systems over finite fields with applications to coding theory	DST-MATRICES	Ghorpade,S.R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3528	Minimal & tight triangulations of some pl manifolds	DST-MATRICES	Datta,B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3529	Minkowski tensors & their application to cosmological fields	DST-MATRICES	Chingangbam,P., Dr. (F) Indian Institute of Astrophysics II Block, Kormangala Bengaluru - 560 034 Karnataka	6.60	36
3530	M-marrix generalizations in complementarity theory	DST-MATRICES	Sivakumar,K.C., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3531	Modeling & simulation of a hydrodynamic instability with chemical reaction	DST-MATRICES	Mishra,M., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	6.60	36
3532	Modeling & simulation of fluid motion on the surface profile generation in micro EDM	DST-MATRICES	Panda,S., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	6.60	36
3533	Moduli of sheaves over projective varieties	DST-MATRICES	Dey,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3534	Multi-twisted codes over various finite commutative rings & their generalizations	DST-MATRICES	Sharma,A., Dr. (F) Indraprastha Institute of Information Technology Phase III, Near Govind Puri Metro Statio New Delhi - 110 020 Delhi	6.60	36
3535	Multivariable operator theory	DST-MATRICES	Dey,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3536	Nash equilibrium versus pareto optimality in N-player games	DST-MATRICES	Benjamin,C., Dr. (M) National Institute of Science Education & Research P.O. Sainik School Bhubaneswar - 751 005 Odisha	6.60	36
3537	Negative curvature in groups & combination theorems	DST-MATRICES	Sardar,P., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3538	Noncommutative Ergodic theory via joinings	DST-MATRICES	Mukherjee,K.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3539	Non-commutative lacunary sets	DST-MATRICES	Mohanty,P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3540	Non-local conservation laws driven by noise	DST-MATRICS	Koley,U., Dr. (M) Tata Institute of Fundamental Research Bellary Road Bengaluru - 560 065 Karnataka	6.60	36
3541	Normal families of meromorphic functions & dynamics of permutable entire functions	DST-MATRICS	Charak,K.S., Dr. (M) Jammu University Jammu - 180 006 Jammu & Kashmir	6.60	36
3542	n-tuples of commuting isometries	DST-MATRICS	Sarkar,J., Dr. (M) Indian Statistical Institute 8th Mile, Mysore Road Bengaluru - 560 059 Karnataka	6.60	36
3543	Numerical solution of fractional differential & integral equations using wavelet methods	DST-MATRICS	Shah,F.A., Dr. (M) Kashmir University Hazratbal Srinagar - 190 006 Jammu & Kashmir	6.60	36
3544	Numerical analysis & computational methods for hyperbolic conservation laws	DST-MATRICS	Kenettinkara,S.K., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	6.60	36
3545	Numerical analysis & simulation of state constrained optimization for multiscale problems	DST-MATRICS	Nagaiah,C., Dr. (M) Mahindra Ecole Centrale Survey No 62/1A, Bahadurpally, Jeedimetla Hyderabad - 500 043 Telangana	6.60	36
3546	On a separation problem for simple stochastic games	DST-MATRICS	Srivathsan,B., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3547	On Algebraic connectivity & laplacian spectral radius of graphs	DST-MATRICS	Kalita,D., Dr. (M) Tezpur University Napaam, District Sonitpur Tezpur - 784 028 Assam	6.60	36
3548	On certain class of diagram Algebras arising from Schur-Weyl duality	DST-MATRICS	Thangavelu,G., Dr. (F) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building Thiruvananthapuram - 695 016 Kerala	6.60	36
3549	On class-preserving automorphisms of finite groups	DST-MATRICS	Kalra,H., Dr. (M) Guru Jambheshwar University of Science & Technology Hisar-Delhi Bypass Hisar - 125 001 Haryana	6.60	36
3550	On harmonic & quasiconformal mappings	DST-MATRICS	Ponnusamy,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3551	On inverse eigenvalue problems for structured matrix pencils	DST-MATRICS	Ahmad,S.K.S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.60	36
3552	On modelling maxima of random phenomena with applications	DST-MATRICS	Sreenivasan,R., Dr. (M) Mysore University JIB Road Mysore - 570 005 Karnataka	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3553	On some ring extensions	DST-MATRICS	Gaur,A., Dr. (M) Delhi University Delhi - 110 007 Delhi	6.60	36
3554	On spectra & laplacian spectra of graphs	DST-MATRICS	Pirzada,S., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	6.60	36
3555	On the equation $(\nabla u)^t A \nabla u = G$ & its linearization & applications to Calculus of variations	DST-MATRICS	Bandyopadhyay,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3556	On the non-isochronous & isochronous nature of the nonlinear differential equations	DST-MATRICS	Chandrasekar,V.K., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	6.60	36
3557	On the spline solution of multi-dimesnsional hyperbolic equations	DST-MATRICS	Mohanty,R.K., Dr. (M) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	6.60	36
3558	On the union-closed sets conjecture	DST-MATRICS	Joshi,V.V., Dr. (M) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	6.60	36
3559	On topological properties of composition operators	DST-MATRICS	Sharma,A.K., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	6.60	36
3560	Order estimation of important signal processing models: Methodologies & asymptotic analysis	DST-MATRICS	Mitra,S., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3561	Overstability in rotating magnetoconvection	DST-MATRICS	Pal,P., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	6.60	36
3562	Parabolic sheaves & filtered kronecker modules	DST-MATRICS	Amrutiya,S.K.H., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36
3563	Patterns in modulated natural convection	DST-MATRICS	Singh,J., Dr. (M) Guru Nanak Dev University Grand Trunk Road, Off NH 1 Amritsar - 143 005 Punjab	6.60	36
3564	Percolation at criticality & connectivity in the random connection model	DST-MATRICS	Iyer,S.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3565	Place reduction in petri nets	DST-MATRICS	Phawade,R.B., Dr. (M) Indian Institute of Technology (Dharwad) Walmi Campus, Belur Industrial Area, P.B. Road Dharwad - 580 011 Karnataka	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3566	Planar polygons & real points of stable genus zero curves	DST-MATRICS	Deshpande,P., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3567	Pointwise a posteriori error estimates for finite element methods for the elliptic obstacle problems	DST-MATRICS	Porwal,K., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3568	Polynomial convexity of the finite union of Lagrangians in C^n	DST-MATRICS	Gorai,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3569	Probabilistic & statistical aspects of branching random walks	DST-MATRICS	Roy,P., Dr. (M) Indian Statistical Institute 8th Mile, Mysore Road Bengaluru - 560 059 Karnataka	6.60	36
3570	Problems on elliptic PDEs involving singularities of various types with a measure data	DST-MATRICS	Choudhuri,D., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	6.60	36
3571	Problems over non-commutative polynomial rings: A study from computational complexity perspective	DST-MATRICS	Joglekar,P.S., Dr. (M) Vishwakarma Institute of Technology No. 666, Upper Indira Nagar, Bibwewadi Pune - 411 037 Maharashtra	6.60	36
3572	Properties & constructions of Maximally recoverable codes	DST-MATRICS	Vadlamani,L., Dr. (F) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	6.60	36
3573	Qualitative analysis of cosmological models with cosmological term in Einstein's theory of gravity & scalar-tensor theories of gravity	DST-MATRICS	Desikan,K., Dr. (F) Vellore Institute of Technology University Vandalur, Kelambakkam Road Chennai - 600 127 Tamil Nadu	6.60	36
3574	Quantile modeling of Statistical data	DST-MATRICS	Sankaram,P.G., Dr. (M) Cochin University of Science & Technology Thrikkakara, South Kalamassery, Kochi Ernakulam - 682 022 Kerala	6.60	36
3575	Ramanujan-type formulas for $(2(2m+1))$ & a Bessel series	DST-MATRICS	Dixit,A.A., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36
3576	Random interface models	DST-MATRICS	Hazra,R.S., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	6.60	36
3577	Randomly censored linear transformation model with measurement error in covariates	DST-MATRICS	Kattumannil,S.K., Dr. (M) Indian Statistical Institute M.G.R. Knowledge City, Taramani Chennai - 600 113 Tamil Nadu	6.60	36
3578	Realization & classification of homogeneous operators via quotient modules	DST-MATRICS	Biswas,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3579	Regularity & unique continuation type problems for nonlinear & nonlocal PDE's with applications to geometry & free boundary problems	DST-MATRICS	Banerjee,A., Dr. (M) Tata Institute of Fundamental Research Bellary Road Bengaluru - 560 065 Karnataka	6.60	36
3580	Relative Brauer groups & Etale cohomology	DST-MATRICS	Sadhu,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	6.60	36
3581	Representations of linear groups over local rings: Gelfand models	DST-MATRICS	Singla,P., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3582	Ring structures on Thom spectra	DST-MATRICS	Basu,S., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	6.60	36
3583	Role of the curvature in operator theory	DST-MATRICS	Misra,G., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3584	Roman domination in graphs & its variations: Theory & Algorithms	DST-MATRICS	Pradhan,D., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	6.60	36
3585	Rubio de Francia type extrapolation for function spaces	DST-MATRICS	Jain,P., Dr. (M) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	6.60	36
3586	Scalarization aspects in vector & set optimization	DST-MATRICS	Lalitha,C.S., Dr. (F) Delhi University Benito Jaurez Road New Delhi - 110 021 Delhi	6.60	36
3587	Scaling limits in directed random trees - applications in models of drainage networks	DST-MATRICS	Sarkar,A., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3588	Schwarz waveform relaxation methods for singularly perturbed parabolic problems	DST-MATRICS	Kumar,S., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	6.60	36
3589	Semipositive, minimal semipositive matrices & their extensions	DST-MATRICS	Kannan,R.M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	6.60	36
3590	Seshadri constants on Algebraic surfaces	DST-MATRICS	Hanumanthu,K., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3591	Set valued optimization with applications	DST-MATRICS	Ansari,Q.H., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	6.60	36
3592	Set valued optimization: Optimality conditions & Algorithms	DST-MATRICS	Vetrival,V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3593	Shock ray theory in inhomogeneous moving media	DST-MATRICS	Sambdandam,B., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3594	Sign changes for product of fourier coefficients of Hilbert modular cusp forms	DST-MATRICS	Cheraku,V.G.N.K., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	6.60	36
3595	Singularities of Rees Algebras	DST-MATRICS	Kummini,M., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3596	Singularity reconstruction from broken geodesic ray transforms	DST-MATRICS	Venkateswaran,K.P., Dr. (M) Tata Institute of Fundamental Research Bellary Road Bengaluru - 560 065 Karnataka	6.60	36
3597	Social network analysis using centrality measures of graphs & sigraphs - A spectral approach	DST-MATRICS	Kizhakekunnel,G.A., Dr. (F) Central University of Kerala B.K.M.Towers, Nayanmar Moola Vidyanagar Kasaragod - 671 123 Kerala	6.60	36
3598	Solution of differential equations using optimization metaheuristics	DST-MATRICS	Bansal,J.C., Dr. (M) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	6.60	36
3599	Solving the elliptic curve discrete Logarithm problem	DST-MATRICS	Mahalanobis,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3600	Some extremum eigenvalue problems related to combinatorial PDE	DST-MATRICS	Mohanty,S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building Thiruvananthapuram - 695 016 Kerala	6.60	36
3601	Some new variants of Bishop-Phelps-Bollobas Theorem for Spaces X^* & $LipO(X)$	DST-MATRICS	Paul,T., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	6.60	36
3602	Some problems in applicable Algebra	DST-MATRICS	Sharma,R.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3603	Some problems in computational Algebraic topology with a spacial emphasis on Conley Index theory	DST-MATRICS	Mawiong,S.M., Dr. (M) North-Eastern Hill University Mawlai, East Khasi Hills Shillong - 793 022 Meghalaya	6.60	36
3604	Some problems in patterned random matrices	DST-MATRICS	Saha,K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3605	Some problems on Completely Positive (CP) maps & Co-Completely Positive (Co-CP) maps between C^* - Algebras	DST-MATRICS	Balasubramanian,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3606	Some problems on harmonic analysis on Lie groups & for hypergeometric transforms associated with root systems	DST-MATRICS	Pusti,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.60	36
3607	Some problems on Nonlinear Schrodinagar equation (NLS) & hardy-sobolev inequality for the twisted laplacian	DST-MATRICS	Sohani,V.K., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.60	36
3608	Spectra of multidigraphs & their applications to complex networks	DST-MATRICS	Barik,S., Dr. (F) Indian Institute of Technology (Bhubaneswar) Samantapuri Bhubaneswar - 751 013 Odisha	6.60	36
3609	Statistical methods for high-dimensional binary regression models in presence of response misclassification	DST-MATRICS	Chatterjee,A., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B, Qutab Institutional Area New Delhi - 110 016 Delhi	6.60	36
3610	Stochastic analysis & its applications	DST-MATRICS	Athreya,S.R., Dr. (M) Indian Statistical Institute 8th Mile, Mysore Road Bengaluru - 560 059 Karnataka	6.60	36
3611	Stochastic inequalities between extreme order statistics when random samples are independent & interdependent	DST-MATRICS	Kayal,S., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	6.60	36
3612	Stochastic modelling of non-negative time series	DST-MATRICS	Balakrishna,N., Dr. (M) Cochin University of Science & Technology Thrikkakara, South Kalamassery, Kochi Ernakulam - 682 022 Kerala	6.60	36
3613	Stochastic partial differential equations	DST-MATRICS	Bhaskaran,R., Dr. (M) Indian Statistical Institute 8th Mile.Mysore Road Bengaluru - 560 059 Karnataka	6.60	36
3614	Stokes & Oseen flows past rigid & porous bodies	DST-MATRICS	Sripadmavati,B., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	6.60	36
3615	String theory at very high energies	DST-MATRICS	Bagchi,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3616	Structure & representations of C*-Algebra of continuous functions on type A _n (n) quantum groups	DST-MATRICS	Pal,A.K., Dr. (M) Indian Statistical Institute 7, Shaheed Jeet Singh Marg, Block B New Delhi - 110 016 Delhi	6.60	36
3617	Studies in the geometry of the statistical manifold of extensive thermodynamic systems & black holes	DST-MATRICS	Sahay,A., Dr. (M) National Institute of Technology (Patna) Ashok Rajpath Patna - 800 005 Bihar	6.60	36
3618	Studies on qualitative properties of Hilfer fractional stochastic dynamical systems	DST-MATRICS	Balasubramaniam,P., Dr. (M) Gandhigram Rural University Dindigul - 624 302 Tamil Nadu	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3619	Study of approximation theoretic properties of the space of compact operators on banach spaces	DST-MATRICS	Jayanarayanan,C.R., Dr. (M) Indian Institute of Technology (Palakkad) Ahila Integrated Campus, Kozhippara Palakkad - 678 557 Kerala	6.60	36
3620	Study of convolution operators on topological groups	DST-MATRICS	Ponnaian,D., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	6.60	36
3621	Study of different spectral properties of nonuniform hypergraphs	DST-MATRICS	Banerjee,A., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	6.60	36
3622	Study of generating functions of new families of special polynomials by means of innovative technique & establish their properties	DST-MATRICS	Khan,N., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	6.60	36
3623	Study of meromorphic univalent functions - a geometric function theoretic viewpoint	DST-MATRICS	Bhowmik,B., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	6.60	36
3624	Study of minima of Gaussian processes	DST-MATRICS	Chakrabarty,A., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	6.60	36
3625	Study of new types of continued fractions & applications	DST-MATRICS	Sarma,R., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3626	Study of nonlocal scalar field equations	DST-MATRICS	Bhakta,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3627	Study of stochastic nematic liquid crystal models & related constrained physical problems	DST-MATRICS	Manna,U., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	6.60	36
3628	Study of two-stage iterative methods for solving rectangular (square singular) linear systems	DST-MATRICS	Mishra,D., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	6.60	36
3629	Study on the structure theory of Borcherds-Kac-Moody Algebras & their subalgebras	DST-MATRICS	Venkatesh,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3630	Surface group representations & Geometric group theory	DST-MATRICS	Mahan,M.J., Dr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Navy Nagar, Colaba Mumbai - 400 005 Maharashtra	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3631	Surface group representations & geometric structures	DST-MATRICS	Gongopadhyay,K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	6.60	36
3632	Symmetries in differential equation & its application to classical & quantum cosmology	DST-MATRICS	Chakraborty,S., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	6.60	36
3633	Symplectic eigenvalues & its properties	DST-MATRICS	Sengupta,R., Dr. (M) Indian Institute of Science Education & Research (Berhampur) Berhampur - 760 010 Odisha	6.60	36
3634	The study of unimodular rows using Suslin matrices	DST-MATRICS	Jose,S., Dr. (M) Institute of Science 15, Madam Cama Road Mumbai - 400 032 Maharashtra	6.60	36
3635	Theory of zipper fractal interpolation & approximation	DST-MATRICS	Chand,A.K.B., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3636	Thresholds for random graph models	DST-MATRICS	Aravind,N.R., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	6.60	36
3637	Topics on integro-differential operators	DST-MATRICS	Biswas,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3638	Topological & geometrical properties of manifolds with torus actions	DST-MATRICS	Sarkar,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	6.60	36
3639	Topological analysis of discrete 3D objects in isothetic space for efficient Algorithm design	DST-MATRICS	Biswas,R., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	6.60	36
3640	Topology & evolution of black holes in higher curvature gravity	DST-MATRICS	Sarkar,S., Dr. (M) Indian Institute of Technology (Gandhinagar) Chandkheda Ahmedabad - 382 424 Gujarat	6.60	36
3641	Torus quotients of homogeneous spaces	DST-MATRICS	Pattanayak,S.K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3642	Transcendence & linear independence of special values of L-series	DST-MATRICS	Rath,P., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Kelambakkam Chennai - 603 103 Tamil Nadu	6.60	36
3643	Truncated hypergeometric series & supercongruences	DST-MATRICS	Sahu,B., Dr. (M) National Institute of Science Education & Research Institute of Physics Campus, P.O. Sainil School Bhubaneswar - 751 005 Odisha	6.60	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3644	Understanding error surfaces of deep neural networks	DST-MATRICS	Balasubramanian,V.N., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Facotyr Estate Yeddumailaram - 502 205 Telangana	6.60	36
3645	Understanding traffic dynamics via lattice hydrodynamic approach: Modeling, analysis & simulation	DST-MATRICS	Sharma,S., Dr. (F) Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	6.60	36
3646	Unfolding operators to study homogenization problems in domains with highly oscillating structures	DST-MATRICS	Nandakumaran,A.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3647	Vanishing pressure & vanishing viscosity limit for some non-strictly hyperbolic systems of conservation laws	DST-MATRICS	Sahoo,M.R., Dr. (M) National Institute of Science Education & Research P.O. Sainik School Bhubaneswar - 751 005 Odisha	6.60	36
3648	Vertex-edge & edge-vertex domination & its variants in graphs	DST-MATRICS	Venkatakrishnan,B.Y., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	6.60	36
3649	Wave propagation by small inhomogeneities: Applications to medical imaging, effective medium theory & the theory of meta-materials	DST-MATRICS	Challa,D.P., Dr. (M) Indian Institute of Technology (Tirupati) Department of Mathematics, Tirupati-Renigunta Road Tirupati - 517 506 Andhra Pradesh	6.60	36
3650	Wave propagation in lattice waveguides with defects	DST-MATRICS	Sharma,B.L., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	6.60	36
3651	Wavelet methods for PDEs on network	DST-MATRICS	Mehra,M., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	6.60	36
3652	Witt vectors of associative rings	DST-MATRICS	Pisolkar,S.A., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	6.60	36
3653	Zeros of random functions & anti-concentration phenomena	DST-MATRICS	Krishnapur,M., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	6.60	36
3654	Zero-sum constants, regularity of diophantine equations & other problems in combinatorial number theory	DST-MATRICS	Adhikari,S.D., Dr. (M) Ramakrishna Mission Vivekananda Educational & Research Institute P.O. Belur Math Howrah - 711 202 West Bengal	6.60	36
3655	Analytical modelling of surface waves in fiber-reinforced and micro-polar media	DST-SERB-CRG	Kundu,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	19.84	36
3656	Approximating solutions of nonlinear operator equations in banach and Hilbert spaces	DST-SERB-CRG	Pant,R.P., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	17.42	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3657	Approximation methods for problems in Fractional Calculus of variations	DST-SERB-CRG	Pandey,R.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	21.56	36
3658	Aspects of tests of independence on Nonparametric Regression theory - a data driven approach	DST-SERB-CRG	Maiti,S.I., Dr. (F) Visva Bharati University Bolpur, Birbhum Santiniketan - 731 235 West Bengal	14.91	36
3659	Asymptotic and numerical approach for boundary layer development of partial differential equations with delayed arguments	DST-SERB-CRG	Mohapatra,J., Dr. (M) National Institute of Technology (Rourkela) Sundargarh Rourkela - 769 008 Odisha	13.55	36
3660	Bayesian process monitoring of high-yield processes	DST-SERB-CRG	Kumar,N., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	22.73	36
3661	CFD of thin film flow on substrates featuring topography	DST-SERB-CRG	Yedida,S.V.S.S, Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	19.98	36
3662	Construction of optimal trace and revoke systems in broadcast encryption	DST-SERB-CRG	Dutta,R., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	18.92	36
3663	Design of optimal reliability acceptance sampling plans based on multi-stage process, inliers, and accelerated tests	DST-SERB-CRG	Kumar,M., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	7.43	36
3664	Development of estimation procedures in presence of various types of non-sampling errors in sample surveys	DST-SERB-CRG	Singh,G.N., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	18.26	36
3665	Development of multi-party computation protocols as an aid to cloud computing	DST-SERB-CRG	Mukhopadhyay,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	17.60	36
3666	Dynamical study of delay-induced stability and chaos in Plankton population	DST-SERB-CRG	Thankur,N.K., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	15.11	36
3667	Efficient regularization methods for ill-posed operator equations and their applications	DST-SERB-CRG	George,S., Dr. (M) National Institute of Technology (Karnataka) Mangalore Surathkal - 575 025 Karnataka	18.46	36
3668	Estimating parameters of certain generalized life-time Statistical models using censored samples	DST-SERB-CRG	Tripathy,M.R., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	18.08	36
3669	Estimation and prediction with constrained and unconstrained observations	DST-SERB-CRG	Tripathi,Y.M., Dr. (M) Indian Institute of Technology (Patna) Bihta Patna - 801 103 Bihar	3.96	36
3670	Fast numerical methods in Exponential form for multi-dimensional second- and fourth-order Quasilinear parabolic partial differential equations	DST-SERB-CRG	Mohanty,R.K., Dr. (M) South Asian University Akbar Bhawan, Chanakyapuri New Delhi - 110 021 Delhi	22.04	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3671	Fractional wavelet analysis: Theory and applications	DST-SERB-CRG	Shah,F.A., Dr. (M) Kashmir University Department of Mathematics, Anantnag Srinagar - 192 101 Jammu & Kashmir	15.34	36
3672	From discrete particle to population balance modelling: The micro-macro transitions	DST-SERB-CRG	Kumar,J., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	22.83	36
3673	Generalized convexity, generalized monotonicity and nonsmooth variational inequalities in manifolds with applications	DST-SERB-CRG	Ansari,Q.H., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	14.70	36
3674	Geometric realizations of finite groups of mapping classes of surfaces	DST-SERB-CRG	Bhattacharya,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	23.05	36
3675	High order entropy stable schemes and automatic mesh adaptation techniques: Their design, analysis and applications	DST-SERB-CRG	Dubey,R.K., Dr. (M) S.R.M. Institute of Sciences & Technology Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	21.52	36
3676	Hilbert coefficients and Castelnuvo-mumford regularity	DST-SERB-CRG	Mandal,M., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	5.19	36
3677	Homotopy type theory and natural language processing for computer-assisted Mathematics	DST-SERB-CRG	Gadgil,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	18.99	36
3678	Impact of climatic factors on the transmission dynamics of Vector-borne diseases: A Mathematical study	DST-SERB-CRG	Ghosh,M., Dr. (F) Vellore Institute of Technology University Kelambakkam Road Chennai - 600 127 Tamil Nadu	17.67	36
3679	Invariant analysis with Lie symmetry and new conservation laws of various nonlinear partial differential equations appearing in physical problems	DST-SERB-CRG	Saharay,S., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	21.56	36
3680	Mathematical analysis for an optimal control of reaction-diffusion equations in cardiac defibrillation	DST-SERB-CRG	Nagaiah,C., Dr. (M) Mahindra Ecole Centrale Survey No. 62/1A, Bahadurpally, Jeedimetla Hyderabad - 500 043 Telangana	21.63	36
3681	Mathematical and computational modelling of below ground nitrogen biogeochemical pathways using systems biology approaches	DST-SERB-CRG	Chakraborty,A., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	21.15	36
3682	Mathematical modeling and analysis of vector and water-borne diseases	DST-SERB-CRG	Mathur,K.S., Dr. (M) Dr. Hari Singh Gour Central University Sagar - 470 003 Madhya Pradesh	20.13	36
3683	Mathematical modeling of Phytoplankton dynamics with highly irregular distribution	DST-SERB-CRG	Banerjee,S., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	18.48	36
3684	Measures of noncompactness and their applications	DST-SERB-CRG	Mursaleen,X., Dr. (F) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	17.31	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3685	Modeling frailty for survival data	DST-SERB-CRG	Pandey,A., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	9.72	24
3686	Modeling software reliability through stochastic processes	DST-SERB-CRG	Kulkarni,M.G., Dr. (F) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	23.67	36
3687	Moduli space of vector bundles over smooth projective surfaces and ACM bundles	DST-SERB-CRG	Pal,S., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	4.40	36
3688	New Statistical methods for identification and ranking of differentially expressed genes in microarray	DST-SERB-CRG	Punathumpambath,B., Dr. (F) Government Arts & Science College Meenchanda Kozhikode - 673 018 Kerala	11.80	36
3689	Nonlinear matrix equations: Solution, convergence, perturbation analysis, simulation	DST-SERB-CRG	Nashine,H.K., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	19.49	36
3690	Nonparametric inference based on notion of data depth and its applications	DST-SERB-CRG	Shrike,D.T., Dr. (M) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	17.21	36
3691	Non-regular parameter family of distributions some more features	DST-SERB-CRG	Bhatt,M.B., Dr. (M) Sardar Patel University Anand Vallabh Vidyanagar - 388 120 Gujarat	11.66	36
3692	Numerical and semi-analytical techniques for modeling of wave interaction with porous and flexible structures	DST-SERB-CRG	Behera,H., Dr. (M) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	19.99	36
3693	On residuted valued automata, categories and associated topologies	DST-SERB-CRG	Tiwari,S.P., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	16.87	36
3694	Pseudo-periodic mapping classes and contact structures	DST-SERB-CRG	Rajeevsarathy,K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	23.59	36
3695	Repeated-root constacyclic codes over finite commutative chain rings & over non-principal ideal rings $\mathbb{Z}_{p^s}[u]/\langle u^e \rangle$	DST-SERB-CRG	Sharma,A., Dr. (F) Indraprastha Institute of Information Technology Okhla Industrial Estate Phase III, Near Govind Puri Metro Station New Delhi - 110 020 Delhi	19.85	36
3696	Study of vector-borne diseases under the influence of environmental pollution	DST-SERB-CRG	Kumari,N., Dr. (F) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	22.28	36
3697	Total colorings for certain classes of cayley graphs	DST-SERB-CRG	Geetha,J., Dr. (F) Amrita Vishwa Vidyapeetham Amritanagar, Ettimadai Coimbatore - 641 105 Tamil Nadu	18.46	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3698	Transformations and special values of Gaussian hypergeometric series; and their connections to supercongruences	DST-SERB-CRG	Kalita,G., Dr. (M) Indian Institute of Information Technology Ambari, Gopinath Bordoloi Road Guwahati - 781 001 Assam	5.02	36
3699	Wave propagation in thermoelastic materials	DST-SERB-CRG	Singh,S.S., Dr. (M) Mizoram University Post Box No. 190 Aizawal - 796 004 Mizoram	17.05	36
3700	Wavelets on Vilenkin group	DST-SERB-CRG	Singh,D., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	2.20	24
3701	A study on questions related to the Fourier transform on the Heisenberg group & to certain function Algebras on locally compact groups	DST-SERB-ECRA	Ramamurthy,L.L., Dr. (F) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	15.84	36
3702	Asymptotic symmetries and soft theorems	DST-SERB-ECRA	Banerjee,N., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	20.74	36
3703	BI-centralizer of q-deformed Araki-woods von neumann Algebras	DST-SERB-ECRA	Bikram,P., Dr. (M) National Institute of Science Education & Research Institute of Physics Campus, PO: Sainik School Bhubaneswar - 751 005 Odisha	5.72	36
3704	Iterative methods for solving non-square linear systems	DST-SERB-ECRA	Saha,M., Dr. (F) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhras Shillong - 793 003 Meghalaya	17.49	36
3705	Mathematical modeling & simulation of blood flow in the cardiovascular system	DST-SERB-ECRA	Saha,S., Dr. (F) Dayananda Sagar University Hosur Main Road, Kudlu Gate Bengaluru - 560 068 Karnataka	22.18	36
3706	Mathematical modeling of the biological control problems: Non-chemical methods in population and disease control	DST-SERB-ECRA	Tripathi,J.P., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	18.01	36
3707	Mathematical modelling of multi drug resistance mechanism in Tuberculosis using Petri nets	DST-SERB-ECRA	Singh,G.P., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	21.08	36
3708	Multiple zeta functions: Functional and approximate functional equations	DST-SERB-ECRA	Gopajosyula,K.V., Dr. (M) Indian Institute of Science Education & Research (Berhampur) Engineering School Junction Berhampur - 760 010 Odisha	19.37	36
3709	Neutral natural extensions of the standard model at LHC and beyond	DST-SERB-ECRA	Ray,T.S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	9.44	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3710	Understanding thermal and mechanical stability of nanoconfined glassy polymer films	DST-SERB-ECRA	Chowdhury, M., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	43.39	36
3711	Analysis of U Hilfer fractional differential equations	DST-SERB-EMEQ	Kucche, K.D., Dr. (M) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	17.58	36
3712	Characterization of pseudo-differential operator & wavelet transform on certain distribution spaces	DST-SERB-EMEQ	Mahato, K., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	19.46	36
3713	Study & analysis of Mathematical models of moving boundary problems	DST-SERB-EMEQ	Rajeev, Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	22.44	36
3714	Study of degree of approximation & absolute summability factors of infinite series	DST-SERB-EMEQ	Sonker, S., Dr. (F) National Institute of Technology (Kurukshetra) Thanesar Kurukshetra - 136 119 Haryana	17.81	36
3715	Study of higher order iterative methods for solving nonlinear equations	DST-SERB-EMEQ	Singh, S., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	19.10	36
3716	Approximate methods to model cosmological non-linear large scale structure	DST-WOS-A	Ghosh, S.N., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	19.74	36
3717	Arbitrary lagrangian-eulerian finite element method for computation of multiphase flow with surfactants	DST-WOS-A	Sengupta, S., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	29.95	36
3718	Arbitrary lagrangian-eulerian finite element method for computation of multiphase flow with surfactants	DST-WOS-A	Raturi, S., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	29.03	36
3719	Bilinear pairing based biometric authentication & key agreement scheme for Telecare Medicine Information Systems (TMIS)	DST-WOS-A	Khatoon, S., Ms. (F) Pt. Ravishankar Shukla University Raipur - 492 010 Chhattisgarh	31.31	36
3720	Cross-section measurement of actinides & rare earth elements using neutron activation analysis with neutrons from nuclear reactor	DST-WOS-A	Mandal, R., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	24.70	36
3721	Development of size & morphology controlled metal/metal oxide based naocatalyst for electrochemical water splitting	DST-WOS-A	Bodhankar, P.M., Ms. (F) Mumbai University Mumbai - 400 098 Maharashtra	31.60	36
3722	Estimation of errors in the measurement of mass from Gravitational Wave (GW) data	DST-WOS-A	Chatterjee, S., Ms. (F) Jadavpur University 188, Raja S.C. Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	25.78	36
3723	Fluid-solid phase transition in a two-dimensional system	DST-WOS-A	Jaiswal, A., Dr. (F) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	21.39	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3724	Geometrically frustrated layered structures: Synthesis & properties	DST-WOS-A	Sethulakshmi,N., Dr. (F) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	23.28	36
3725	Information entropy in nonlinear physical systems	DST-WOS-A	Thakur,P., Ms. (F) D.A.V. University Jalandhar - 144 012 Punjab	29.95	36
3726	Numerical investigations on thermophysical properties of three dimensional nanofluids using two phase model	DST-WOS-A	Sakthivel,A., Ms. (F) Sri Ramakrishna Engineering College Vattamalaipalayam, Post NGGO Colony Coimbatore - 641 022 Tamil Nadu	26.90	36
3727	Rheological study of sickle cell disease: A biomathematical & biomechanical approach	DST-WOS-A	Chaturvedi,P., Dr. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	31.85	36
3728	Solving differential equations using machine learning	DST-WOS-A	Mall,S., Dr. (F) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	20.29	36
3729	Steady-state & time-resolved measurement on the bioluminescence emissions from	DST-WOS-A	Goswami,A., Ms. (F) Gauhati University Guwahati - 781 014 Assam	21.34	36
3730	The study of certain curves in paracontact metric 3-manifolds	DST-WOS-A	Srivastava,K., Dr. (F) Central University of Himachal Pradesh Kangra - 176 206 Himachal Pradesh	32.62	36
Total Cost of 421 Projects Under: Mathematics				4,888.37	

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3731	CADO, synthesis & biological evaluation of imidazopyridines as selective plasmodium falciparum dihydroorotate inhibitors for anti-Malarial activity	AICTE-RP	Verma,S.M., Dr. (F) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	5.00	36
3732	Design & synthesis of dual inhibitors of C-MET & VEGFR kinases	AICTE-RP	Joshi,U., Dr. (F) Principal K.M. Kundnani College of Pharmacy 23, Jote Joy Building, Rambhau Salgaonkar Marg, Cuffe Parade Mumbai - 400 005 Maharashtra	10.19	36
3733	Design, synthesis & characterization of Topoisomerase II alpha xanthone inhibitors & their chemotherapeutic polymeric nano carriers for the treatment of Colorectal Cancer	AICTE-RP	Das,A., Dr. (M) Dibrugarh University P.O. Rajabheta Dibrugarh - 786 004 Assam	14.80	36
3734	Development & evaluation of transtuzumab decorated multifunctional nanoformulations containing paclitaxel & siRNA for the treatment of breast carcinoma	AICTE-RP	Rao,C.M., Dr. (M) Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal - 576 104 Karnataka	12.00	36
3735	Development of drug releasing composite bone implant & the influence of inorganics in composites	AICTE-RP	Pandian,C.S., Ms. (F) Himalayan Pharmacy Institute Majitar, East Sikkim Rangpo - 737 136 Sikkim	16.80	36
3736	Development of nano carriers using isolated biomaterials from 'Komal Saul' A soft variety of rice grown in Assam for drug delivery applications	AICTE-RP	Ahmed,A.B., Dr. (M) Girijananda Chowdhury Institute of Pharmaceutical Science N.H. 37, Hatkhowapara, Azara Guwahati - 781 017 Assam	25.00	36
3737	Developmentof functional microemulsions for enahnaced brain uptake in neurodegenerative disorders	AICTE-RP	Pawar,A., Dr. (M) Professor Poona College of Pharmacy Eranowane Pune - 411 038 Maharashtra	12.00	36
3738	Efficacy studies of electospun nanofiber scaffolds containing small peptides for Diabetic wound ulcers & its industry scale-up	AICTE-RP	Momin,M., Dr. (F) Dr. Bhanuben Nanavati College of Pharmacy Gate No. 1, Mithibai College Campus, 1st Floor, V.M. Road, Vile Parle (West) Mumbai - 400 056 Maharashtra	13.43	36
3739	Electrospun polymeric nanofibers for topical drug delivery	AICTE-RP	Jadhav,K., Dr. (M) Bharati Vidyapeeth College of Pharmacy Sector 8, C.B.D., Belapur Navi Mumbai - 400 614 Maharashtra	5.84	36
3740	Evaluation of apoptotic activity of some medicinal plants of Sikkim - Himalayan region: A comparative study	AICTE-RP	Mohanty,J.P., Prof. (M) Himalayan Pharmacy Institute Majitar, East Sikkim Rangpo - 737 136 Sikkim	19.50	36
3741	Exploring herbal remedy for specific Heamorrhagic disease through platelet enahncing activity	AICTE-RP	Kenganora,M., Dr. (M) J.S.S. College of Pharmacy Shri Shivarathreeswara Nagar Mysore - 570 015 Kamataka	20.00	36
3742	Formulation & evaluation of herbal nutraceutical solid dosage forms using indigenous edible plant parts/vegetables of north-eastern Himalayan region as sources of nutrients & health benefitting components	AICTE-RP	Manna,K., Dr. (M) Tripura University Suryamaninagar - 799 022 Tripura	15.25	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3743	Formulation & evaluation of phytosomes: A novel drug delivery system for antidiabetic plant extracts & phytoconstituents	AICTE-RP	Kumar,S., Dr. (M) Kurukshetra University Institute of Pharmaceutical Sciences Kurukshetra - 136 119 Haryana	20.00	36
3744	Identification & evaluation of the canonical WNT pathway activators for Alzheimer's disease	AICTE-RP	Pai,K.S.R., Dr. (M) Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal - 576 104 Karnataka	12.00	36
3745	Phytochemical screening & anticancer activity of some novel medicinal plants available in north east region of Assam	AICTE-RP	Dasgupta,D., Dr. (M) Girijananda Chowdhury Institute of Pharmaceutical Science N.H. 37, Hatkhwapara, Azara Guwahati - 781 017 Assam	23.00	36
3746	Preparation & evaluation of multifunctional nanoparticulate topical formulation for the treatment of skin cancer	AICTE-RP	Mutalik,S., Dr. (M) Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal - 576 104 Karnataka	3.00	36
3747	Quantification of variation in the L-Theanine content depends on seasonal, geographical and maturity onset factors in Assam tea leaves & evaluation of acute effects on associated hippocampal with hedonic performance using suitable animal model	AICTE-RP	Chakraborty,J., Dr. (M) Girijananda Chowdhury Institute of Pharmaceutical Science N.H. 37, Hatkhwapara, Azara Guwahati - 781 017 Assam	22.00	36
3748	Rational design & synthesis of isatin inspired spiroindole derivatives as antineoplastic agents	AICTE-RP	Ghosh,R., Mr. (M) Tripura University Suryamaninagar - 799 022 Tripura	15.80	36
3749	Synergistic effect of crataegus oxyacantha & Terminalia Arjuna extracts on Myocardia & Cerebral Ischemia reperfusion injury induced by LCA occlusion & middle cerebral artery occlusion in rats	AICTE-RP	Karunakaran,G., Dr. (M) Himalayan Pharmacy Institute Majitar, East Sikkim Rangpo - 737 136 Sikkim	22.10	36
3750	To modulate the aqueous solubility of poorly water soluble pharmaceuticals by crystal engineering technique & understand the mechanistic approach of solubilisation	AICTE-RP	Ghosh,A., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	24.12	36
3751	A randomized controlled trial to assess the efficacy of gut therapy (Koshtha Chikitsa) for managing dysbiosis in children with Autism	AYUSH-AYURVEDA	Dinesh,K.S., Dr. (M) Associate Professor & Head Kerala Ayurveda Studies & Research Society Department of Kaumarabhritya, P.O. Edarikode, Kottakkal Malappuram - 676 501 Kerala	57.23	36
3752	A randomized open label controlled prospective Phase II clinical study of Haridra Churna on Glycemic control in pre-diabetic subjects	AYUSH-AYURVEDA	Pande,S.P., Dr. (M) Professor & Head Ayurved Mahavidyalaya Ayurved Seva Sangh's, Ganeshwadi, Panchavati Nasik - 422 003 Maharashtra	47.14	36
3753	Effect of classical Ayurvedic management in PCOS	AYUSH-AYURVEDA	Prasad,M., Dr. (M) Principal Astanagam Ayurvedic Chikitsalayam & Vidyapeedham Ashtanga Educational Trust Palakkad - 679 533 Kerala	28.90	24
3754	Prospective parallel group open label study to access the changes in clinic-pathological variables in patients of Diabetic Nephropathy stage III receiving Ayurvedic Treatment Regimen (ATR) versus those not receiving Ayurvedic Treatment Regimen (ATR)	AYUSH-AYURVEDA	Kulkarni,A.N., Dr. (M) Secretary Ayurved Mahavidyalaya Ayurved Seva Sangh's, Ganeshwadi, Panchavati Nasik - 422 003 Maharashtra	39.37	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3755	Assessment of the mechanism of actions of some selected Homeopathic preparations for their role in the Prostate Cancer	AYUSH-HOMOEOPATH	Roy,P., Dr. (M) Professor & Head Indian Institute of Technology (Roorkee) Department of Biotechnology Roorkee - 247 667 Uttarakhand	38.53	36
3756	Evaluating the anti-cancer activity of Homeopathic preparation of Linum Usitatissimum in breast cancer cell lines	AYUSH-HOMOEOPATH	Raina,P., Dr. (F) Sr. Research Assistant Bharati Vidyapeeth University Interactive Research School for Health Affairs, Dhankawadi Pune - 411 043 Maharashtra	42.03	24
3757	Straiffying the efficacy of Homeopathic preparation of allium sativum in alleviating different forms of dyslipidemia - a comparative study using hyperlipidemic models	AYUSH-HOMOEOPATH	Kalaiselvi,P., Dr. (F) Assistant Professor Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Department of Medical Biochemistry, Madras University, Taramani Campus Chennai - 600 113 Tamil Nadu	51.08	36
3758	Evaluation of cyto-toxic & anti-proliferative activity of a Siddha herbo-mineral formulation Sanda Rasa Parpam (SRP)	AYUSH-SIDDHA	Kabilan,N., Dr. (M) Professor & Head Tamil Nadu Dr. M.G.R. Medical University Department of Siddha, 69, Anna Salai, Guindy Chennai - 600 032 Tamil Nadu	38.29	24
3759	Comparison of Unani formulations Zuroor-e-Qula & Jawarish Amla Sada with allopathic anti-oxidants in management of patients with early-intermediate stage of oral submucous fibrosis	AYUSH-UNANI	Rai,A., Dr. (F) Assistant Professor Jamia Millia Islamia Department of Oral Medicine & Radiology, Faculty of Dentistry New Delhi - 110 025 Delhi	51.04	36
3760	Determination of antithrombotic potential of traditionally used Unani formulations	AYUSH-UNANI	Ashraf,M.Z., Dr. (M) Professor Jamia Millia Islamia Department of Biotechnology, Faculty of Natural Scieces, Ramanujan Block New Delhi - 110 025 Delhi	57.93	24
3761	Evaluating the anti-cancer activity & mechanism of action of Unani formulation Habbe Mussafi Khoon against Cervical Cancer	AYUSH-UNANI	Ghanekar,R.K., Dr. (F) Associate Professor & Head Bharati Vidyapeeth University Cancer Research Lab., Interactive Research School for Health Affairs, Dhankawadi Pune - 411 043 Maharashtra	57.57	36
3762	Effect of Yoga on clinical outcomes & quality life in patients with Vasovagal Syncope: A randomized control trial	AYUSH-YOGA	Sharma,G., Dr. (M) Professor All India Institute of Medical Sciences Department of Cardiology, Ansari Nagar New Delhi - 110 029 Delhi	30.82	36
3763	Neural correlates of Yoga in breast cancer patients with chemo brain: A randomized controlled trial	AYUSH-YOGA	Rao,R.M., Dr. (M) Head Health Care Global Foundation Department of Complementary & Alternative Medicine, # 8, P. Kalingarao Road, Sampangiram Nagar Bengaluru - 560 027 Karnataka	53.02	36
3764	Studies on effect of Yoga & relevant training on averting symptoms of Diabetes Type 2 & its correlation with gene expression - A prospective outcome randomized controlled study	AYUSH-YOGA	Pathak,S.D., Dr. (M) Research Officer Kaivalyadhama Yoga Institute Kaivalyadhama S.M.Y.M. Samiti, Swami Kuvalyananda Marg Lonavla - 410 403 Maharashtra	22.67	24
3765	The effect of IAM - Integrated Amrita Meditation technique on primary headaches	AYUSH-YOGA	Balakrishnan,V., Dr. (F) Assistant Professor Amrita Vishwa Vidyapeetham Department of Physiology, Amrita Institute of Medical Sciences & Research Centre, Amrita Lane, P.O. Ponekkara Kochi - 682 041 Kerala	37.18	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3766	Yoga for ICD patients: A randomized controlled trial to evaluate the efficacy of Yoga on psychological & Arrhythmic outcomes of patients implanted with Implantable Cardioverter Defibrillator	AYUSH-YOGA	Naik,N., Dr. (M) Professor All India Institute of Medical Sciences Department of Cardiology, Ansari Nagar New Delhi - 110 029 Delhi	26.08	24
3767	Deciphering the mechanism of clonal evolution & global dissemination of serotype 1 pneumococcal Strain st306	CSIR-GS	Banerjee,A., Prof. (M) Indian Institute of Technology (Bombay) Department of Bioscience & Bioengineering Mumbai - 400 076 Maharashtra	18.50	36
3768	Design and evaluation of novel peptide inhibitor as an anti-Parkinson's disease agent targeting sirtuin 2	CSIR-GS	Dey,S., Dr. (F) All India Institute of Medical Sciences Department of Biophysics New Delhi - 110 029 Delhi	31.96	36
3769	Evaluation of age-related changes in the cyto-architectural & neuro-radiological correlates of human striatum to understand the etiopathogenesis of Parkinson's disease	CSIR-GS	Alladi,P.A., Dr. (F) National Institute of Mental Health & Neuro Sciences Department of Neurophysiology Bengaluru - 560 029 Karnataka	9.50	36
3770	Longitudinal analysis of neutralizing and nonneutralizing antibodies to factor VIII in hemophilia a patients subclasses, heterogeneity, diagnostic and clinical implications	CSIR-GS	Shetty,S.D., Dr. (F) National Institute of Immunology Mumbai - 400 012 Maharashtra	21.96	36
3771	Prevalence and molecular characterization of nadh-cytochrome b5 reductase deficiency in India	CSIR-GS	Kedkar,P.S., Dr. (M) National Institute of Immunology Mumbai - 400 012 Maharashtra	24.96	36
3772	The study of Save Our Souls or SOS bacterial stress response with reference to horizontal gene transfer in vibrio cholerae	CSIR-GS	Mandal,J., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Department of Microbiology Puducherry - 605 006 Puducherry	8.25	36
3773	Cognitive performance after short duration submaximal exercise in young adults	DRDO-LSRB	Bansal,V., Dr. (M) Assistant Professor Vallabhbhai Patel Chest Institute Department of Physiology, Delhi University Delhi - 110 007 Delhi	26.59	36
3774	Design & development of a simulation model for predictive analysis of load carriage	DRDO-LSRB	Elias,S., Dr. (F) Associate Professor Vellore Institute of Technology University Vandalpur-Kelambakka Road Chennai - 600 127 Tamil Nadu	19.44	36
3775	Development of hemoglobin based artificial oxygen carrier engineering recombinant & packaged hemoglobin	DRDO-LSRB	Kundu,S., Dr. (M) Professor Delhi University Department of Biochemistry, Benito Juarez Road, Dhaura Kuan New Delhi - 110 021 Delhi	65.43	36
3776	Localized & systemic delivery of therapeutics for prevention of cold induced injured including frostbite	DRDO-LSRB	Ganguli,M., Dr. (F) Principal Scientist CSIR-Institute of Genomics & Integrative Biology Near Sukhdev Vihar, Mathura Road New Delhi - 110 025 Delhi	37.41	36
3777	Biofunctional theranostics nanocomplexes for combined therapy of solid cancer	DST-IMRC	Roy,I., Mr. (M) Delhi University Delhi - 110 007 Delhi	43.12	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3778	Brazil-India-China collaborative study on brain connectivity & neuromodulation techniques	DST-IMRC	Gangadhar,B.N., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, P.O. Dharmaram College, Off Hosur Road Bengaluru - 560 029 Karnataka	39.80	36
3779	Development of a new screening platform for the discovery of novel therapeutics to cure neurodegenerative diseases	DST-IMRC	Jana,N.R., Dr. (M) National Brain Research Centre NH-8, Manesar Gurgaon - 122 051 Haryana	33.45	36
3780	Engineering peptide-based nano-biomaterials for antitumor photodynamic therapy	DST-IMRC	Govindaraju,T., Mr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	46.34	36
3781	Fundamentals for development of individual nano-objects & nano-devices bottom-up mechanical integration for quantum & non-local phenomena study, nano-electronics & nano-bio-medical diagnostics	DST-IMRC	Nath,D.N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	35.31	36
3782	Identification of key genetic/epigenetic marker(s) in cervical carcinogenesis & development of corresponding molecular therapeutics for precision medicine of Cervical Cancer	DST-IMRC	Das,B.C., Dr. (M) Amity Institute of Molecular Medicine & Stem Cell Research Amity University, Sector 125 Noida - 201 313 Uttar Pradesh	27.94	36
3783	Identification of key genetic/epigenetic marker(s) in cervical carcinogenesis & development of corresponding molecular therapeutics for precision medicine of Cervical Cancer	DST-IMRC	Dabata,P.R., Dr. (M) North Orissa University Mayurbhanj, Baripada Bhubaneswar - 757 001 Odisha	7.43	36
3784	Adipocyte specific delivery of oral Thiazolidinedione nanoparticles functionalized with RGD & P3 peptides to reduce side effects & improve efficacy	DST-N-M	Praveen,T.K., Prof. (M) J.S.S. College of Pharmacy Ootacamund - 643 001 Tamil Nadu	50.84	36
3785	An investigation of the cross talks between nano-materials & blood micro-vesicles for the development of nano-theranostics for thrombotic disorders	DST-N-M	Singh,S.K., Dr. (M) Central University of Punjab Mansa Road Bhatinda - 151 001 Punjab	54.08	36
3786	Development of a combinatorial nano-vehicles assisted therapeutic system for the efficient treatment of glcoma	DST-N-M	Ghosh,M.K., Dr. (M) CSIR-Indian Institute of Chemical Biology Division of Cancer Biology & Inflammatory Disorder, 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	41.98	36
3787	Development of a vesicular Stomatitis virus glycoprotein based virus-like nanoparticles palteform for targeted drug deliver	DST-N-M	Nayak,D., Dr. (M) Indian Institute of Technology (Indore) Room No - SBI 214, Khandwada Road, Simorl Indore - 453 552 Madhya Pradesh	41.43	36
3788	Development of nanoconjugates for site specific delivery of Curcumin & siRNA to Lung Cancer cells	DST-N-M	Sahu,B.P., Dr. (M) Girijananda Chowdhury Institute of Pharmaceutical Science NH-37, Hatkhowapara, Azara Guwahati - 781 017 Assam	21.58	36
3789	Development of nanotechnology based oral delivery system for injects able antitubercular's drug(s) for MDR Tuberculosis	DST-N-M	Kaur,I.P., Prof. (F) Panjab University Department of Pharmaceutics, University IPS, UGC- Centre of Advanced Study, Sector 14 Chandigarh - 160 014 Chandigarh	29.82	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3790	Formulation, optimization & evaluation of topical delivery system loaded with nanolipid carriers of cyclodextrin complexed anticancer drug in combination with natural triterpenoids for treatment of Skin Cancer	DST-N-M	Vyas,A., Dr. (M) Pt. Ravishankar Shukla University Department of Pharmaceutical Sciences, UIP Raipur - 492 010 Chhattisgarh	81.98	36
3791	A comparative study to evaluate the effect of administering whole versus crushed solid oral dosage forms on PK of drugs in cancer patients	DST-SERB-CRG	Krishnamurthy,M.N., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Centre, Sector-22, Kharghar, Raigad Mumbai - 410 210 Maharashtra	27.32	36
3792	A novel nanotechnology based approach of Glioma theapy by targeting HAUSP-MDM2 axis in combination with temozolomide	DST-SERB-CRG	Ghosh,M.K., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	40.14	36
3793	A phase II randomized controlled trial elucidating the gene expression profile using transcriptomic analysis in children with autosomal recessive congenital Ichthyosis treated with Vitamin D and Acitretin	DST-SERB-CRG	Gomathy,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	45.21	36
3794	A phase II/III clinical trial evaluating efficacy and safety of hydroxychloroquine in combination with Gemcitabine and Cisplatin in muscle invasive Urothelial carcinoma of Urinary Bladder	DST-SERB-CRG	Singh,S.K., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	19.64	36
3795	A pilot preclinical study on nanomedicine based protein replacement therapy for Retinoschisis, an inherited retinal degenerative disease	DST-SERB-CRG	Arunachalam,J.P., Dr. (M) Sri Balaji Vidyapeeth Mahatma Gandhi Medical College Campus, Pondy-Cuddalore Main Road, Pillaiyarkuppam Puducherry - 607 402 Puducherry	45.19	36
3796	A smart Alginate-Pectin-Selenium nanoparticle scaffold and its application in cardiac tissue engineering	DST-SERB-CRG	Muthukumar,A., Dr. (M) Kalasalingam Academy of Research & Higher Education Kalasalingam University, Anand Nagar, Krishnan Kovil, Srivilliputtur Virudhunagar - 626 190 Tamil Nadu	17.88	36
3797	A study on the differential expression of Piwi-interacting RNAs (PiRNA) and altered Piwi-like protein interactions in Diabetic retinopathy	DST-SERB-CRG	Chidambaram,S., Dr. (F) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	63.50	36
3798	A study on the genes implicated in congenital renal abnormalities in Diabetic patients	DST-SERB-CRG	Mathi,S.K., Dr. (F) Madras Diabetes Research Foundation. No. 4, Conran Smith Road, Gopalapuram Chennai - 600 086 Tamil Nadu	34.14	36
3799	Age related changes in the human inferior colliculus: A morphological and neurochemical study	DST-SERB-CRG	Roy,T.S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	43.86	36
3800	An approach towards investigating the interplay between microRNA 122 and AEG-1 protein in Colon cancer progression	DST-SERB-CRG	Pathak,S., Dr. (M) Chettinad Academy of Research & Education Padur, Kelambakkam, State Highway 121 Kanchipuram - 603 103 Tamil Nadu	30.67	36
3801	An investigation to find out genetic factors in Idiopathic familial Ovarian failure	DST-SERB-CRG	Halder,A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	49.67	36

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3802	Analysis of mitochondrial dynamicity post drug exposure in human Glioblastoma cells and understanding its correlation with drug resistance	DST-SERB-CRG	Mukherjee,S., Dr. (F) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	27.89	36
3803	Anti aging strategies based on caloric restriction mimetics: Role of glycolytic & mTOR inhibitors and sirtuin activators in an accelerated senescence model of rat	DST-SERB-CRG	Rizvi,S.I., Dr. (M) Allahabad University Old Katra Allahabad - 211 002 Uttar Pradesh	44.12	36
3804	Application of human iPSCs derived 3D neuronal niche: A high-throughput system to screen the developmental neurotoxicity potential of chemicals/Drugs	DST-SERB-CRG	Pant,A.B., Dr. (M) CSIR-Indian Institute of Toxicology Research 3, Vishvignyan Bhawan, M.G. Marg Lucknow - 226 001 Uttar Pradesh	40.83	36
3805	Branch chain Amino acid biosynthesis in Mycobacterium Tuberculosis and relevance of Ketol-acid reductoisomerase for antimycobacterial drug discovery	DST-SERB-CRG	Singh,S.K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	28.15	36
3806	Burden and acquisition of candida tropicalis bloodstream infections in healthcare settings and to study the mechanism of Echinocandin resistance of this yeast	DST-SERB-CRG	Rubramurthy,S.M., Dr. (M) P.G. Institute of Medical Education & Research Sector - 12 Chandigarh - 160 012 Chandigarh	46.07	36
3807	Can gut inflammation and gut injury be reduced in low birth weight infants in poor socioeconomic settings - A randomized controlled trial to evaluate the effect of kangaroo mother care	DST-SERB-CRG	Sinha,B., Dr. (M) Centre for Health Research & Development Society for Applied Studies 45, Kalu Sarai New Delhi - 110 016 Delhi	28.16	24
3808	Carbon nanodots caged nano-gel for therapeutic drug delivery of Latanoprost for Glaucoma management	DST-SERB-CRG	Sudhakaraprasad,K., Dr. (M) Yenepoya University Deralakatte Mangalore - 575 018 Karnataka	37.69	36
3809	CD8 subsets in Rheumatoid Arthritis and change with Methotrexate therapy	DST-SERB-CRG	Dhir,V., Dr. (M) P.G. Institute of Medical Education & Research Sector - 12 Chandigarh - 160 012 Chandigarh	41.07	36
3810	Characterization and functional validation of Huntington's disease modifiers influencing disease progression and manifestation: A cross-species approach	DST-SERB-CRG	Purushottam,M., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	38.88	36
3811	Characterization of novel TGF-B1/SMAD regulated microrRNAs in the rat model of oral submucous fibrosis and the effect of resveratrol as an anti-fibrotic agent	DST-SERB-CRG	Radhakrishnan,R.A., Dr. (M) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	34.49	36
3812	Chemical biology approaches to exploit FIKK kinase(s) from plasmodium falciparum to develop potent anti-Malarials	DST-SERB-CRG	Trivedi,V., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	51.20	36
3813	Chemical genetic approaches for discovery of novel antibacterials against antibiotic resistant gram-negative bacterial pathogens	DST-SERB-CRG	Parthania,R., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	64.73	36
3814	Clinical validation of nano-interfaced electrochemical biosensor to detect Methylglyoxal (MG) in subjects with pre-Diabetes and Type-2 Diabetes Mellitus (T2DM) with neuropathy	DST-SERB-CRG	Balaguru,J.B., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	28.03	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3815	Computational ecotoxicological modeling and risk assessment of selected classes of pesticides using chemometric tools	DST-SERB-CRG	Roy,P.P., Dr. (M) Guru Ghasidas University Koni Bilaspur - 495 009 Chhattisgarh	25.35	36
3816	Construction of infectious clone for Dengue virus serotype-1 and screening of anti-protease molecules for Dengue virus infections	DST-SERB-CRG	Venkatarmana,M., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	52.77	36
3817	Crosstalk between TGF β signaling and the epigenetic states in driving Tumorigenesis	DST-SERB-CRG	Thakur,N., Dr. (F) Ahmedabad University Aes Bungalow #2, Navrangpur Ahmedabad - 380 009 Gujarat	44.54	36
3818	Deciphering the role of guidance cues on melanocyte migration, patterning and survival: Towards regenerative approach for vitiligo	DST-SERB-CRG	Natarajan,V.T., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	46.53	36
3819	Deciphering the role of sumoylation during Mycobacterium Tuberculosis infection	DST-SERB-CRG	Natarajan,K., Dr. (M) Dr. B.R. Ambedkar Centre for Biomedical Research Delhi University Delhi - 110 007 Delhi	54.53	36
3820	Defining the molecular landscape of ependymomas to identify therapeutically targetable epigenetic alterations	DST-SERB-CRG	Gupta,K., Dr. (F) P.G. Institute of Medical Education & Research Sector - 12 Chandigarh - 160 012 Chandigarh	52.88	36
3821	Desialylation-driven uptake of lipoprotein(A) to endothelial cells and monocytes / macrophages in Diabetic cardiovascular patients: Is immune complex with natural antibodies a vehicle?	DST-SERB-CRG	Geetha,M., Dr. (F) Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 011 Kerala	23.11	24
3822	Design & manufacturing of patient specific dental implants composed of porous Titanium functionalized with Osseointegration-promoting and antibacterial coatings	DST-SERB-CRG	Roychowdhury,A., Dr. (M) Indian Institute of Engineering Science & Technology P.O. Botanic Garden, Shibpur Howrah - 711 103 West Bengal	44.77	36
3823	Design & synthesis of Cyanopyrimidine derivatives targeting histone Demethylase 1 as potential anticancer agents	DST-SERB-CRG	Shaquiquzzaman,M., Dr. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	26.59	36
3824	Design, microwave assisted synthesis and anti-Malarial evaluation of hybrid para-Amino- Benzoic acid- 1,3,5-triazine derivatives	DST-SERB-CRG	Ghosh,S.K., Dr. (M) Dibrugarh University Dibrugarh - 788 004 Assam	34.65	36
3825	Design, synthesis and biological evaluation of some new Mur B, Mur C, Mur D, Mur E and Mur F inhibitors as antibacterial agents	DST-SERB-CRG	Sangshetti,J.N., Dr. (M) Y.B. Chavan College of Pharmacy Maulana Azad Educational Trusts, Dr. Rafiq Zakaria Campus Rauza Bagh Aurangabad - 431 001 Maharashtra	36.55	36
3826	Design, synthesis and evaluation of some novel allosteric inhibitors of SHP2 as a current and potential drug target for cancers; based on newly designed small molecular ligand library	DST-SERB-CRG	Kaliyaperumal,R., Dr. (M) Acharya B.M.Reddy College of Pharmacy Hesarghatta Road, Soldevanahalli, Chikkabanavara Bengaluru - 560 090 Karnataka	32.04	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3827	Design, synthesis, biological evaluation and molecular modelling studies of indolyl oxoacetamide quinazolinone based hybrid analogs as potential Pancreatic lipase inhibitors for obesity treatment	DST-SERB-CRG	Paul,A.T., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu - 333 031 Rajasthan	35.05	36
3828	Designing and experimental validation of inhibitor for RecA protein of Acinetobacter baumannii: An addition to the current antibiotics and disinfectants	DST-SERB-CRG	Tiwari,V., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	28.16	36
3829	Developing a prediction model for preventing disease outbreaks through viral genomic surveillance in Aedes mosquito populations	DST-SERB-CRG	Biswas,D., Dr. (M) All India Institute of Medical Sciences Saket Nagar Bhopal - 462 020 Madhya Pradesh	59.56	36
3830	Development and validation of Glomerular filtration rate estimating equation in Indian population	DST-SERB-CRG	Kumar,V., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	61.99	36
3831	Development of a novel three dimensional self aggregating peptide fiber as an implant for Brain tumors	DST-SERB-CRG	Kumar,G.V., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	43.28	36
3832	Development of novel transdermal and transpapillary drug delivery systems for Breast cancer therapy	DST-SERB-CRG	Nayak,U.Y., Dr. (F) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	37.26	36
3833	Development of Probiotic therapy for enhancing Urolithin production by using bacterial flora of human origin	DST-SERB-CRG	Thomas,S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	40.31	36
3834	Development of thermoresponsive polymer nanogels for sustained release of Bevacizumab towards efficient treatment of Diabetic macular edema	DST-SERB-CRG	Johnson,R.P., Dr. (M) Yenepoya University Deralakatte Mangalore - 575 018 Karnataka	38.79	36
3835	Differentiation of human Pluripotent stem cells into functional β islets using bioactive lipids	DST-SERB-CRG	Bose,B., Dr. (F) Yenepoya University Deralakatte Mangalore - 575 018 Karnataka	53.12	36
3836	Dissecting the functional genomic basis of rare eye diseases in children	DST-SERB-CRG	Chakrabarti,S., Dr. (M) L.V. Prasad Eye Institute Kallam Anji Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	62.66	36
3837	DNA methylation analysis in specific language impairment	DST-SERB-CRG	Ayyappan,A., Dr. (F) Institute for Communicative & Cognitive Neuro Science Kavalappara, Shoranur Palakkad - 679 523 Kerala	36.30	36
3838	Domain-specific role of tumor suppressor PTEN in genomic stability: A systematic approach	DST-SERB-CRG	Mukherjee,A., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	50.32	36
3839	Dual drug loaded radiosensitive liposomal nanovectors targeting integrin $\alpha 6$: A glioblastoma stem cell marker in intracerebral orthotopic Xenografts	DST-SERB-CRG	Rao,B.S.S., Dr. (M) Manipal University School of Life Sciences, Udupi Manipal - 576 104 Karnataka	29.04	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3840	Dual inhibitors of EGFR and HDAC as anti-Lung cancer agents: Design, synthesis and biological evaluation	DST-SERB-CRG	Kumar,R., Dr. (M) Central University of Punjab D-13, Civil Station Bhatinda - 151 001 Punjab	41.62	36
3841	Effect of new selective H4R antagonist N-(2-aminoethyl)-5chloro-1H-indol-2-carboxamides in a mouse model of allergic Asthma	DST-SERB-CRG	Elden,B.T., Dr. (F) S.R.M. University Kanchipuram Kattankulathur - 603 203 Tamil Nadu	36.30	24
3842	Effects of Arginine-phenylalanine-amide (RFamide)-Related Peptide 3(RFRP3) on reproductive functions in mice	DST-SERB-CRG	Singh,P., Dr. (F) Indira Gandhi National Tribal University Kapil Dhara Road, Mekal Sadan, District. Anuppur Amarkantak - 484 886 Madhya Pradesh	53.66	36
3843	Efficacy of photoperiod manipulation in establishing stress integration and cognitive recovery in ventral subicular-lesioned rats: A behavioural and molecular study	DST-SERB-CRG	Kutty,B.M., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	40.78	36
3844	Elucidating the role of iron in regulating platelet biogenesis	DST-SERB-CRG	Edison,E.S., Dr. (F) Christian Medical College Vellore - 632 004 Tamil Nadu	67.15	36
3845	Elucidating the role of PPAR alpha in the development of doxorubicin-induced cardiomyopathy	DST-SERB-CRG	Arunachalam,S., Dr. (M) Kalasalingam Academy of Research & Higher Education Kalasalingam University, Anand Nagar, Srivilliputtur Virudhunagar - 626 190 Tamil Nadu	10.00	36
3846	Elucidation of cellular mechanisms involving GUT resident regulatory T cells in probiotics mediated inhibition of osteoporosis	DST-SERB-CRG	Srivastava,R.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	63.72	36
3847	Embryo-uterine cross-talk for implantation & beyond: Role for exosomal microRNAs	DST-SERB-CRG	Gupta,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	44.18	36
3848	Engineering intelligent theranostic nanocarrier for targeted therapy and diagnosis of cancer	DST-SERB-CRG	Sreelekha,T.T., Dr. (F) Regional Cancer Centre P.O. Box 2417, Medical College Campus Thiruvananthapuram - 695 011 Kerala	48.94	36
3849	Epidemiology of invasive phaeohyphomycosis and evaluation of host factors and antifungal susceptibility	DST-SERB-CRG	Kaur,H., Dr. (F) P.G. Institute of Medical Education & Research Sector-12 Chandigarh - 160 012 Chandigarh	41.61	36
3850	Evaluate diverse metabolic potentials of gut associated commensal Escherichia coli strains and its impact on human health and diseases	DST-SERB-CRG	Raychaudhuri,S., Dr. (F) CSIR-Institute of Microbial Technology Post Box No. 1304, Sector 39-A Chandigarh - 160 036 Chandigarh	50.32	36
3851	Evaluate the neuroprotective effects of genistein on scopolamine induced Amnesic mice and underlying molecular mechanism	DST-SERB-CRG	Pandey,S., Dr. (F) King George's Medical University Shah Mina Road Lucknow - 226 003 Uttar Pradesh	48.32	36
3852	Evaluating the effect of Alpha Linolenic Acid (ALA), an Omega 3 fatty acid, on modulation of epigenetic markers in Cervical cancer cell lines	DST-SERB-CRG	Ghanekar,R.K., Dr. (F) Bharati Vidyapeeth University Dhankawadi Pune - 411 043 Maharashtra	33.17	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3853	Evaluating the role of Periostin as a novel biomarker in Asthmatics of Puducherry	DST-SERB-CRG	Sathya,G.R., Dr. (F) Pondicherry Institute of Medical Sciences Ganapathichtikulam, Kalapet Puducherry - 605 014 Puducherry	6.77	36
3854	Evaluation of antifungal activity of Lipopeptides from a wild- type Bacillus sp. RLID 12.1 in mouse models of invasive candidiasis, cryptococcosis, and aspergillosis	DST-SERB-CRG	Roy,U., Dr. (M) Birla Institute of Technology & Science (Pilani) NH 17B Bypass Road, Sancoale Zuarinagar - 403 726 Goa	65.36	36
3855	Evaluation of balance control and pattern of muscle activation from functional perspectives across the ages	DST-SERB-CRG	Multani,N.K., Dr. (F) Punjabi University NH 64, Urban Estate Phase II Patiala - 147 002 Punjab	54.59	36
3856	Evaluation of immunogenicity and protective efficacy of bivalent vaccine candidate against Shigella and Salmonella using food grade bacteria Lactococcus lactis	DST-SERB-CRG	Desai,P., Dr. (F) University & Institute of Advanced Research Koba Institutional Area Gandhinagar - 382 007 Gujarat	36.38	36
3857	Evaluation of plasma exosomal proteins as biomarkers for Alzheimer's disease	DST-SERB-CRG	Subramanian,S., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	36.38	36
3858	Evaluation of Safinamide in experimental model of stroke and post stroke seizure behaviour in rats	DST-SERB-CRG	Reeta,K.H., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	27.61	36
3859	Evaluation of the kinetics of serum microRNAs and Circulating Tumor Cells (CTCs) in the prediction of therapeutic response and prognostication of the newly diagnosed multiple Myeloma	DST-SERB-CRG	Tembhare,P.R., Dr. (M) Tata Memorial Centre Tata Memorial Hospital, Dr. E Borges Road, Parel Mumbai - 400 012 Maharashtra	52.61	36
3860	Ex vivo culture and characterization of Corneal endothelial cells for transplantation	DST-SERB-CRG	Ramachandran,C., Dr. (F) L.V. Prasad Eye Institute Kallam Anji Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	49.16	36
3861	Exosomes from human pluripotent stem cell derived GABAergic interneuron progenitors: Next generation vehicles for treating GABA disorders?	DST-SERB-CRG	Upadhya,D., Dr. (M) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	43.28	36
3862	Exploration of engineered nanocarrier and modulation of the tumor microenvironment for efficient delivery of anticancer molecule(s) to solid tumor	DST-SERB-CRG	Gupta,P.N., Dr. (M) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	30.41	36
3863	Exploring the link between the RNA binding protein IGF2BP3, long non-coding RNA linc-RoR and their targets in migration and invasion of Epithelial cancer cell lines	DST-SERB-CRG	Chattopadhyay,P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.75	36
3864	Exploring the molecular mechanism of butter oil enriched nanoformulation in enhancing nasal to brain delivery and its potential role in promoting neurogenesis	DST-SERB-CRG	Misra,M., Dr. (F) National Institute of Pharmaceutical Education & Research Palaj, Gandhinagar Ahmedabad - 382 355 Gujarat	17.44	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3865	Exploring the role of the basal ganglia-thalamo-cortical and cerebello-thalamo-cortical networks in the pathogenesis of postural and rest tremors in Parkinson's disease and essential tremor using simultaneous EMG-fMRI and diffusion tensor imaging	DST-SERB-CRG	Pal,P.K., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	38.23	36
3866	Expression of Natural Killer (NK) cell receptors and their association with Ovarian cancer	DST-SERB-CRG	Pramanik,J.M., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	30.24	36
3867	Extraction socket regeneration: A comparative evaluation of physiologically healed bone vs. grafted bone in terms of bone quality, width and implant stability	DST-SERB-CRG	Malhotra,P., Dr. (F) S.G.T. University Chandu-Budhera Gurgaon - 122 505 Haryana	7.70	36
3868	Fisetin: A novel drug in the management of Myocardial Ischemia reperfusion injury	DST-SERB-CRG	Kurian,G.A., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	32.04	36
3869	Functional characterization of the salmonella typhimurium effector protein steA	DST-SERB-CRG	Mukhopadhya,A., Dr. (F) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S.Nagar Mohali - 140 306 Punjab	48.35	36
3870	Functional evaluation of Lipoproteins rather than traditional Castelli index as better risk predictor for Atherosclerosis	DST-SERB-CRG	Periandavan,K., Dr. (F) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	64.41	36
3871	Functional genomic based elucidation of molecular mechanism(s) behind Colistin resistance	DST-SERB-CRG	Subudhi,E., Dr. (M) Siksha O Anusandhan University Khandagiri Square Bhubaneswar - 751 003 Odisha	42.40	36
3872	Genome mining of pichia pastoris for the development of yeast cell surface display technology using its native cell wall anchoring proteins: Bioprocess optimization and its biotechnological applications	DST-SERB-CRG	Khasa,Y.P., Dr. (M) Delhi University New Delhi - 110 021 Delhi	39.59	36
3873	Genotype - phenotype correlation in Indian patients with 46, XY disorders of sex development (46, XY DSD)	DST-SERB-CRG	Bandgar,T.R., Dr. (M) King Edward Memorial Hospital Seth Gordhandas Sunderdas Medical College. Acharya Donde Marg, Parel Mumbai - 400 012 Maharashtra	46.38	36
3874	Genotypic and phenotypic influence of TPMT gene and its effect on chemotherapeutic dosage in the outcome of acute Lymphoblastic Leukemia	DST-SERB-CRG	Pandith,A.,A., Dr. (M) Sher-I-Kashmir Institute of Medical Sciences Srinagar - 190 011 Jammu & Kashmir	22.65	36
3875	Glucocorticoid Receptor-Assisted Drug Sensitization (GRADS) in Colorectal cancer therapy: Nano-therapeutic strategy towards repurposing of anti-cancer drugs	DST-SERB-CRG	Banerjee,R., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	30.67	36
3876	Identification and characterization of micromas controlled by mutations in phex gene, a regulator of x-linked hypophosphatemic rickets, an intrinsic bone mineralization defect	DST-SERB-CRG	Singh,D., Dr. (F) CSIR-Central Drug Research Institute Sector - 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	31.83	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3877	Identification and functional characterization of novel nuclear genes associated with mitochondrial dysfunction and diseases	DST-SERB-CRG	Thangaraj,K., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	72.70	36
3878	Identification and validation of deregulated cancer pathways in Retinoblastoma	DST-SERB-CRG	Ayyasamy,V., Dr. (M) Aravind Medical Research Foundation No. 1, Anna Nagar Madurai - 625 020 Tamil Nadu	46.58	36
3879	Identification of chromatin accessibility domains in exhausted T cells from human breast cancer	DST-SERB-CRG	Cheekatla,S.S., Dr. (M) GITAM University Gandhi Nagar, Beach Road, Rushikonda Visakhapatnam - 530 045 Andhra Pradesh	49.78	36
3880	Identification of novel molecular mediators instructing altered adipogenic programs in Mesenchymal Stem Cells (MSCs) exposed to pro-inflammatory cytokine, IFNgamma	DST-SERB-CRG	Prasanna,J., Dr. (F) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	50.04	36
3881	Identifying innate immunological signatures in a zinc supplementation trial in infants less than 2 months of age with severe infection	DST-SERB-CRG	Sopory,S., Dr. (F) Translational Health Science & Technology Institute Biotech Science Cluster, 3rd Milestone, Expressway, P. Box #04 Faridabad - 121 001 Haryana	53.75	36
3882	Immunocharacterization of Lipopolysaccharide (LPS) from Leptospira: Towards development LPS based vaccine	DST-SERB-CRG	Fasial,S.M., Dr. (M) National Institute of Animal Biotechnology D. No. 1-121/1, Axis Clinicals Building, Miyapur Hyderabad - 500 049 Telangana	59.62	36
3883	Immunomodulatory property of human mesenchymal stem cell: Assessment of their therapeutic potential in GvHD model	DST-SERB-CRG	Mohanty,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	47.48	36
3884	In vitro analysis of the anticancer properties of Indian red scorpion venom in Oral and Breast cancer cell lines	DST-SERB-CRG	Richard,A.S., Dr. (M) Coorg Institute of Dental Sciences K.K. Campus, Maggula Village Virajpet - 571 218 Karnataka	26.72	36
3885	Interaction between Nrf2 signaling and BDNF-Dopaminergic circuit in brain: Molecular mechanism for development of nicotine-induced drug addictive neurobehavioral disorders in rats	DST-SERB-CRG	Naha,N., Dr. (F) National Institute of Occupational Health Meghani Nagar, Near Raksha Shakti University Ahmedabad - 380 016 Gujarat	32.58	36
3886	Investigating metabolic reprogramming in stroke as a consequence of homocysteine induced bidirectional activation of neutrophils and platelets	DST-SERB-CRG	Joshi,M.B., Dr. (M) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	40.04	36
3887	Investigating microRNAs as the next generation therapeutic targets in Diabetic cardiomyopathy	DST-SERB-CRG	Rani,V., Dr. (F) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 307 Uttar Pradesh	36.94	36
3888	Investigating on antibacterial effect of bismuth vanadate on multi-drug resistant staphylococcus aureus infection	DST-SERB-CRG	Sevanan,M., Dr. (M) Karunya University Karunya Nagar Coimbatore - 641 114 Tamil Nadu	26.31	36
3889	Investigating the molecular modulators of microglial activation and their effect on JEV pathogenesis	DST-SERB-CRG	Banerjee,A., Dr. (M) Regional Centre for Biotechnology Biotech Science Cluster, Bhankri Faridabad - 121 004 Haryana	41.12	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3890	Investigating the role of JWA/Arl6ip5/GTRAP3-18 in the regulation of autophagy in neuronal cells and neurodegenerative disorders	DST-SERB-CRG	Gupta,S., Dr. (F) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	38.83	36
3891	Investigation of immunological, virological and host factors that influence CMV reactivation among allogeneic stem cell transplant recipients in an Indian population	DST-SERB-CRG	Abraham,M.A., Dr. (F) Christian Medical College Vellore - 632 004 Tamil Nadu	23.10	36
3892	Investigation of the molecular link between Diabetes and its role in the development of Non-Alcoholic Fatty Liver Disease (NAFLD)	DST-SERB-CRG	Ravindra,P.V., Dr. (M) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	37.80	36
3893	Investigation of the role of small RNAs in genomic imprinting	DST-SERB-CRG	Singh,R., Dr. (M) CSIR-Central Drug Research Institute Sector - 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	36.07	36
3894	Investigation on role of neuron-glia activation leading to neuronal loss as an early marker of Diabetic retinopathy using transcriptomics and high-resolution imaging based approaches	DST-SERB-CRG	Kaur,I., Dr. (F) L.V. Prasad Eye Institute Kallam Anji Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	46.38	36
3895	Isolation and characterization of active constituents from <i>Tricholoma giganteum</i> Masee., for the treatment of non-alcoholic fatty Liver disease	DST-SERB-CRG	Pandikumar,P., Dr. (M) Loyola College Near Nungambakkam Railway Station Chennai - 600 034 Tamil Nadu	13.55	36
3896	Isolation and characterization of antidiabetic principles from selected traditional medicinal plants using animal models	DST-SERB-CRG	Ayyanar,M., Dr. (M) A.V.V.M. Sri Pushpam College Poondi Thanjavur - 613 503 Tamil Nadu	25.19	36
3897	Isolation of anti-anal Fistula bioactive(s) from the roots of <i>Cissus repanda</i> : Scientific evaluation of evidence based practice	DST-SERB-CRG	Wakte,P.S., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Nandanvan Colony Aurangabad - 431 004 Maharashtra	20.05	36
3898	Long term stability of gut microbiota in patients with Crohn's disease and correlation with biomarkers of inflammation and gut permeability	DST-SERB-CRG	Dutta,A.K., Dr. (M) Christian Medical College Vellore - 632 004 Tamil Nadu	38.82	36
3899	Lymphocyte reconstitution and infectious morbidity post autologous hematopoietic stem cell transplantation	DST-SERB-CRG	Sahoo,R.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	39.09	36
3900	Mechanism of triglyceride mediated control of inflammation in Tuberculosis infection	DST-SERB-CRG	Gandotra,S., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mall Road, Near Jubilee Hall Delhi - 110 007 Delhi	56.88	36
3901	Minimally invasive microneedles for diagnosis and treatment of Ocular Tuberculosis: Development and preclinical studies	DST-SERB-CRG	Mahajan,H.S., Dr. (M) R.C. Patel Institute of Pharmaceutical Education & Research Karvand Naka, Shirpur Dhule - 425 405 Maharashtra	15.45	36
3902	Mining the secretome of plasmodium falciparum merozoites for identification of novel targets involved in blood stage Malaria parasite infection	DST-SERB-CRG	Singh,S., Dr. (M) Jawaharlal Nehru University New Mehrauli Road New Delhi - 110 067 Delhi	67.50	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3903	miRNA as disease modifier in HLA-DQ2/DQ8 matched first-degree relatives of patients with Celiac disease	DST-SERB-CRG	Das,P., Dr. (M) All India Institute of Medical Sciences Ansari Ngar New Delhi - 110 029 Delhi	50.97	36
3904	Modulation of chemoresistance in acute Myeloid Leukemia by Nrf2 and its downstream targets	DST-SERB-CRG	Poonkuzhali,B., Dr. (F) Christian Medical College Vellore - 632 004 Tamil Nadu	45.42	36
3905	Molecular manipulation and hybrid strategy in design and discovery of Cytochrome bc1 inhibitors as potent leads for drug resistant Tuberculosis	DST-SERB-CRG	Ramalingam,P., Dr. (M) Raghavendra Institute Pharmaceutical Education & Research K.R.Palli Cross, District Anantapuramu, Chiyvedu Anantapur - 515 721 Andhra Pradesh	42.34	36
3906	Molybdenum disulphide nanotemplates based electrochemical nanosensor for food toxins AFB1 and AFM1	DST-SERB-CRG	Deep,A., Dr. (M) CSIR-Central Scientific Instruments Organization Sector-30 C Chandigarh - 160 030 Chandigarh	28.46	36
3907	Multi-input and modular synthetic genetic classifier circuits in E.coli to classify multiple chemical signals and its potential application in programmed delivery of siRNA into cancer cells based on cancer mimetic multi-parametric chemical signature	DST-SERB-CRG	Bagh,S., Dr. (M) Saha Institute of Nuclear Physics Sector-1, Block-af, Bidhan Nagar Kolkata - 700 064 West Bengal	45.83	36
3908	Nanocarrier based formulations of taxanes for targeted locoregional delivery in treatment of Ovarian cancer by intraperitoneal route	DST-SERB-CRG	Jain,S.K., Dr. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	29.34	36
3909	Nanoengineered oral biomineral-peptide autoantigen formulation for the treatment of Autoimmune disease	DST-SERB-CRG	Menon,K.N., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Ponekkara Kochi - 682 041 Kerala	36.32	36
3910	Nanoparticle-based prophylactic drug delivery to the corneal endothelium	DST-SERB-CRG	Ranganath,S.H., Dr. (M) Siddaganga Institute of Technology B.H. Road Tumkur - 572 103 Karnataka	35.04	36
3911	Neuroprotective and neurotogenic effects of a cell-permeable bacterial histone-mimic protein: Therapeutic implications for neurodegenerative pathologies	DST-SERB-CRG	Kar,S., Dr. (F) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	67.17	36
3912	Next generation sequencing to investigate mitochondrial mutation spectrum in movement disorders	DST-SERB-CRG	Muthusamy,B., Dr. (F) Rajasthan Electronics & Instruments Limited (REIL) Discoverer Building, International Tech Park Whitefield Bengaluru - 560 066 Karnataka	44.96	36
3913	NGS based targeted sequencing of alternate complement pathway related genes in C3 Glomerulopathy and their clinical relevance	DST-SERB-CRG	Duseja,R.N., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	44.90	36
3914	Optical coherence tomography curvature as a new modality to evaluate efficacy of corneal crosslinking and corneal transplantation	DST-SERB-CRG	Matalia,H., Dr. (M) Narayana Nethralaya Foundation #258A Hosur Road, Narayana Health City, Bommansandra Bengaluru - 560 099 Karnataka	20.52	36

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3915	Optimizing the processes for isolation, preservation, transportation and delivery of human limbus-derived stromal/ Mesenchymal stem cells for clinical use in a cGMP facility	DST-SERB-CRG	Basu,S., Dr. (M) L.V. Prasad Eye Institute Kallam Anji Reddy Campus, I V Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	36.48	36
3916	PCR restriction enzyme analysis for diagnosis of Candidemia: Comparison with automated methods, antigen detection, biochemical methods and virulence factors estimation	DST-SERB-CRG	Banerjee,G., Dr. (F) King George's Medical University Shah Mina Road Lucknow - 226 003 Uttar Pradesh	32.12	36
3917	Perturbation in metabolic pathways might drive a vascular necrosis of femoral head by modulating bone biology: Mechanisms, potential biomarkers and therapeutic targets	DST-SERB-CRG	Sivaramakrishnan,V., Dr. (M) Sri Sathya Sai Institute of Higher Learning Puttaparthi Main Road Anantapur - 515 134 Andhra Pradesh	60.82	36
3918	Plasma exosomal microRNA and proteome profiling in autism spectrum disorder children's: Probing for biomarkers	DST-SERB-CRG	Agarwal,S., Dr. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Raebareli Road Lucknow - 226 014 Uttar Pradesh	61.04	36
3919	Population Pharmacokinetic and Pharmacodynamic study of Caffeine and Aminophylline in apnea of prematurity	DST-SERB-CRG	Lewis,L.E., Dr. (M) Manipal Academy of Higher Education Udupi Manipal - 576 104 Karnataka	16.41	24
3920	Pre-clinical evaluation of three Investigational New Drugs (INDs) as cancer chemotherapeutics	DST-SERB-CRG	Negi,A.S., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Near Kukrail Picnic Spot Lucknow - 226 015 Uttar Pradesh	29.05	36
3921	Preclinical genome editing approach for the treatment of Beta-globin disorders	DST-SERB-CRG	Murugesan,M.K., Dr. (M) Christian Medical College Vellore - 632 004 Tamil Nadu	45.42	36
3922	Probing the functional and regulatory role of m6A reversible RNA methylation in skeletal myogenesis and muscle wasting	DST-SERB-CRG	Khandelia,P., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	55.58	36
3923	Protein and gene expressions of IL1 β , NFkB1, NFkB2, PPAR γ , NOS2, COX2, TNF α in LPS induced inflammatory response in rats and effect of Cousinia Thomsonia	DST-SERB-CRG	Ganie,S.A., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	38.73	36
3924	Regulation of C - type lectin receptor - 2 expression in Dendritic cells by Leishmania donovani	DST-SERB-CRG	Sen,P., Dr. (M) CSIR-Institute of Microbial Technology Sector 39 A Chandigarh - 160 036 Chandigarh	41.25	36
3925	Regulation of development of pathogenic T-helper 17 cells in collagen induced Arthritis	DST-SERB-CRG	Wani,M.R., Dr. (M) National Centre for Cell Sciences University of Pune Campus, Ganeshkhind Pune - 411 007 Maharashtra	59.23	36
3926	Regulation of fear memory formation by long non-coding RNAs and RNA binding proteins: Mechanisms of combinatorial control	DST-SERB-CRG	Banerjee,S., Dr. (M) National Brain Research Centre NH-8, Manesar Gurgaon - 122 051 Haryana	52.39	36
3927	RNA binding protein Pumilio-1 in Colon cancer progression & metastasis	DST-SERB-CRG	Ramalingam,S., Dr. (M) S.R.M. University Hospital Road, Potheri, Kattankulathur Kanchipuram - 603 203 Tamil Nadu	61.92	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3928	Role of altered DDAH1 expression in Prostate cancer progression and its molecular regulation promoting cancer metastasis	DST-SERB-CRG	Ummanni,R., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	35.84	24
3929	Role of cone cell in the morphogenesis of Drosophila eye	DST-SERB-CRG	Mishra,M., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	67.03	36
3930	Role of cytoglobin in transplanted Pancreatic islets Insulin production and protects from cell death in Diabetes	DST-SERB-CRG	Venugopal,B., Dr. (M) Madras University Hepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	53.89	36
3931	Role of histone acetylation in Esophageal squamous cell carcinoma neovascularization	DST-SERB-CRG	Dar,N.A., Dr. (M) Kashmir University Hazratbal Road Srinagar - 190 006 Jammu & Kashmir	55.81	36
3932	Role of hydrogen sulphide as a pharmacological modulator in adverse pregnancy outcomes like Preeclampsia	DST-SERB-CRG	Dhingra,R., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	45.21	36
3933	Role of lupeol on chemosensitization of cancer stem cells by targeting cFLIP/beta-Catenin-AR/Nanog-cMYC module both in vitro and in a mouse model of Prostate cancer	DST-SERB-CRG	Siddique,H.R., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	45.49	36
3934	Role of mitochondrial dysfunction in human drug resistant temporal lobe Epilepsy due to mesial temporal sclerosis	DST-SERB-CRG	Mahadevan,A., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	73.88	36
3935	Role of nuclear receptor PXR in chronic liver disease with altered gut microbiota	DST-SERB-CRG	Sharma,S., Dr. (M) Institute of Liver & Biliary Sciences D-1 Vasant Kunj New Delhi - 110 070 Delhi	69.41	36
3936	Role of SIRT6 in skeletal muscle degeneration of Diabetic mice	DST-SERB-CRG	Nagalingam,R.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	61.62	36
3937	Role of soluble urokinase-type plasminogen activator receptor (Sugar) As a predictor of chronic obstructive Pulmonary disease severity	DST-SERB-CRG	Dhandapani,R., Dr. (F) Pondicherry Institute of Medical Sciences Ganapathichttikulam, Kalapet Puducherry - 605 014 Puducherry	9.85	36
3938	Self-degradable DNA nanoclew based site specific anticancer drug delivery	DST-SERB-CRG	Yadav,A.K., Dr. (M) Bhagyodaya Tirth Pharmacy College Khura Road Sagar - 470 003 Madhya Pradesh	47.81	36
3939	Skeletal muscle fluorosis: Effects of fluoride on skeletal muscle cells and its associated mechanisms in vitro and in vivo studies	DST-SERB-CRG	Shenoy,S.P., Dr. (M) Yenepoya University Deralakatte Mangalore - 575 018 Karnataka	31.12	36
3940	Smartphone based self reporting system for the assessment of catastrophic health expenditures - A participatory approach to household surveys	DST-SERB-CRG	Prasanna,P.S., Dr. (M) Christian Medical College Vellore - 632 004 Tamil Nadu	68.32	36

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3941	Strategy to combat statins induced Diabetes and its complication	DST-SERB-CRG	Nandakumar,K., Dr. (M) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	26.49	36
3942	Studies on potential drug-drug interactions between vincristine and berberine when used in combination with the purpose of enhancing anticancer activity and reducing the neurotoxicity of vincristine	DST-SERB-CRG	Lyer,K.R., Dr. (M) Bombay College of Pharmacy Kalina, Santacruz Mumbai - 400 098 Maharashtra	47.48	36
3943	Studies on the efficacy of Neferine against Doxorubicin induced cardiomyopathy	DST-SERB-CRG	Viswanadha,V.P., Dr. (F) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	40.48	36
3944	Studies to delineate the immunoregulatory role of PD-L1/PD-1 pathway and exploring it as a potential tool for vaccination strategies against Visceral Lishmaniasis	DST-SERB-CRG	Mitra,D.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	58.44	36
3945	Studies to delineate the molecular nexus between systemic infection, serotonin biosynthesis and neurocognitive decline using chronic infection model in rodents	DST-SERB-CRG	Ganguuly,S., Dr. (M) Jamia Hamdard Hamdard Nagar New Delhi - 110 062 Delhi	57.64	36
3946	Study of differentially methylated microRNAs and their targets to identify potential biomarkers for early disease diagnosis and therapeutic application in Gallbladder cancer	DST-SERB-CRG	Tiwari,P.K., Dr. (M) Jiwaji University Mahalgaon Gwalior - 474 011 Madhya Pradesh	31.85	36
3947	Study of immunopathogenesis and disease dynamics of Pneumocystis jirovecii pneumonia (Pneumocystis Pneumonia)	DST-SERB-CRG	Mirdha,B.R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	36.48	36
3948	Study of the role of Appl & Tau gene during mitochondrial axonal transport in Drosophila model of Alzheimer's disease	DST-SERB-CRG	Tiwari,A.K., Dr. (M) University & Institute of Advanced Research Koba Institutional Area Gandhinagar - 382 007 Gujarat	44.43	36
3949	Study to develop alternate sampling strategies to measure Tacrolimus and Creatinine to facilitate domiciliary care of transplant patients	DST-SERB-CRG	Mathew,B.S., Dr. (F) Christian Medical College Vellore - 632 004 Tamil Nadu	38.32	36
3950	Surface expression of Glucagon like peptide-1 on indigenous probiotic Lactobacillus for management of Type 2 Diabetes	DST-SERB-CRG	Kumar,A., Dr. (M) Central University of Haryana Jant-Pali Mahendragarh - 123 029 Haryana	46.56	36
3951	Susceptibility of brain white matter to inflammatory mediators in Parkinsons disease: An exploratory DTI study	DST-SERB-CRG	Saini,J., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	36.38	36
3952	Synergistic A2BR Inhibitor/Paclitaxel combination therapy for triple negative Breast cancer treatment	DST-SERB-CRG	Sherawat,S., Dr. (F) Shiv Nadar University Village Chithera, Tehsil Dadri, Gautam Buddha Nagar Greater Noida - 203 207 Uttar Pradesh	45.29	24
3953	Synthesis and development of novel HSP90 inhibitors as potential anti-HIV candidate molecules and elucidation of their mechanism of inhibition	DST-SERB-CRG	Sharon,A., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	48.94	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3954	Synthesis and pharmacological evaluation of novel c-Met inhibitors for treatment of Carcinomas	DST-SERB-CRG	Joshi,U.J., Dr. (F) Principal K.M. Kundnani College of Pharmacy Plot No. 23, Jote Joy Building, Cuffe Parade Mumbai - 400 005 Maharashtra	28.42	36
3955	Synthesis, development and biochemical activities of some novel microtubule-disrupting Quinazolin-4-ylamines as antiproliferative agents	DST-SERB-CRG	Sharma,P.P., Dr. (M) Gurukula Kangri University Jagjeetpur Haridwar - 249 404 Uttarakhand	23.56	36
3956	Synthesis, development and efficacy studies of chlorotoxin functionalized hollow gold nanoparticles for therapy of glioblastoma	DST-SERB-CRG	Momin,M.M., Dr. (F) Dr. Bhanuben Nanavati College of Pharmacy Gate No. 1, Mithibai College Campus, V.M. Road, Vile Parle (West) Mumbai - 400 056 Maharashtra	27.12	36
3957	Synthetic functional molecular imprinted organic biomimetic receptors for selective biomarkers of neurodegenerative diseases	DST-SERB-CRG	Karan,C.K., Dr. (M) Virudhunagar Hindu Nadars' Senthikumara Nadar College Anna Nagar Virudhunagar - 626 001 Tamil Nadu	26.14	36
3958	Systematic development of surface modified intranasal nanostructured carriers for efficient treatment of Cerebral Malaria	DST-SERB-CRG	Katare,O.P., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	34.79	36
3959	Targeted genomic-epigenomic analysis to develop a novel approach for routine molecular subgrouping and identification of actionable targets in Meningioma	DST-SERB-CRG	Suri,V., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	39.78	36
3960	Targeted solid lipid nanoparticulate delivery system of β -cCryophyllene oxide containing n-3 Polyunsaturated fatty acid as anticancer nanocarrier for treatment of breast cancer	DST-SERB-CRG	Shidhaye,S.S., Dr. (F) Vivekanand Education Society's College of Pharmacy Hashu Advani Memorial Complex, Chembur East Mumbai - 400 074 Maharashtra	36.76	24
3961	Targeting cancer associated fibroblasts for metastasis inhibition in BRCA1 defective cancer	DST-SERB-CRG	Srinivas,P., Dr. (F) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	29.81	36
3962	Targeting p75NTR signaling pathway as a therapeutic strategy for contusion spinal cord injury repair. implications for failures in stem cell therapies	DST-SERB-CRG	Venkatachalam,S., Dr. (M) Madras University Chepauk Campus, Triplicane Chennai - 600 005 Tamil Nadu	46.89	36
3963	Targeting Triple Negative Breast Cancer (TNBC) by a plant derived small molecule: An in-vitro and in-vivo approach	DST-SERB-CRG	Datta,D., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	36.46	36
3964	Technology for lactucaxanthin preparation from agri produce and its supplemented food formulation to study their retinal angiogenic regulation in Hyperglycemic experimental model	DST-SERB-CRG	Baskaran,V., Dr. (M) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	21.98	36
3965	The effect of different wavelengths of LED light on Retina and visual Cortex in wistar rats and the protection against these effects by commercially available anti-reflective lenses	DST-SERB-CRG	Surendran,S., Dr. (M) Manipal University Madhav Nagar, Udupi Manipal - 576 104 Karnataka	9.35	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3966	The role of gut microbiota by metagenomics study in Gastro Esophageal Reflux Diseases (GERD) associated with or without helicobacter pylori infection	DST-SERB-CRG	Das,R., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	29.44	36
3967	Thermosensitive and enzyme responsive liposomal formulations for theragnosis of Rheumatoid Arthritis	DST-SERB-CRG	Inamdar,N.N., Dr. (F) Government College of Pharmacy Kathora Naka, VMV Road Amravati - 444 604 Maharashtra	18.92	24
3968	Three-dimensional printing in congenital heart disease	DST-SERB-CRG	Raman,K.T., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 011 Kerala	38.13	36
3969	To elucidate the role of MAPKAPK2 (MK2) in inflammation mediated lymphangiogenesis during myocardial infarction	DST-SERB-CRG	Jagavelu,K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	58.32	36
3970	To explore the neuroprotective mechanisms of BCG vaccine against animal models of Parkinson's disease, Huntington's disease and Tardive Dyskinesia	DST-SERB-CRG	Kumar,P., Dr. (M) Maharaja Ranjit Singh Punjab Technical University Dabwali Road Bhatinda - 151 001 Punjab	31.64	36
3971	To study the prevalence of FSH receptor gene polymorphisms in infertile and fertile Indian women and evaluate response to Ovarian stimulation in the infertile subset undergoing IVF/ICSI	DST-SERB-CRG	Mahey,R., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	37.54	36
3972	To study the significance of interaction between Notch signalling pathway and particularly interesting new cysteine-histidine-rich proteins in pathophysiology of triple negative Breast cancer	DST-SERB-CRG	Bhatia,A., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	43.00	36
3973	Topical delivery of therapeutic loaded bioglass assembly for bone regeneration	DST-SERB-CRG	Santhiya,D., Dr. (F) Delhi Technological University Bawana Auchandi Road, Shahabad Daulatpur, Rohini New Delhi - 110 075 Delhi	35.13	36
3974	Transcriptomic analysis of small non-coding RNAs in the acid tolerance response of Salmonella Typhimurium and their roles in virulence	DST-SERB-CRG	Suar,M., Dr. (M) Kalinga Institute of Industrial Technology University Chandrasekharapur Bhubaneswar - 751 024 Odisha	31.05	36
3975	Transforming growth factor- β 1 activates rRunx2, a bone transcription factor by a phosphorylation-acetylation cascade for matrix metalloproteinase-13 expression in Osteoblastic cells	DST-SERB-CRG	Nagarajan,S., Dr. (M) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	44.17	36
3976	TRP channels: Potential therapeutic target for antipsychotics-induced metabolic alterations	DST-SERB-CRG	Kuhad,A., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	22.63	36
3977	Understanding hyperglycemia induced alterations in non-coding RNA expression pattern and post-translational histone protein modifications contributing to drug resistance and progression of Pancreatic cancer	DST-SERB-CRG	Chowdhury,R., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	40.33	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3978	Understanding molecular mechanisms of therapy resistance in Glioblastoma using pre-clinical Orthotopic mouse models	DST-SERB-CRG	Dutt,S., Dr. (F) Tata Memorial Centre Tata Memorial Hospital, Dr. E Borges Road, Parel Mumbai - 400 012 Maharashtra	60.86	36
3979	Understanding role of the mTOR pathway in response to glucose and acetate in Glioblastoma: A functional genomics and proteomics approach	DST-SERB-CRG	Ramaiah,M.J., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	30.94	36
3980	Understanding the genetic and epigenetic background of methylome in Schizophrenia and treatment response	DST-SERB-CRG	Banerjee,M., Dr. (M) Rajiv Gandhi Centre for Biotechnology Poojappura Thiruvananthapuram - 695 014 Kerala	43.01	36
3981	Understanding the mechanistics of resistance to Tyrosine kinase inhibitors in non-small cell Lung cancer patients	DST-SERB-CRG	Dutt,A., Dr. (M) Tata Memorial Centre Tata Memorial Hospital, Dr. E Borges Road, Parel Mumbai - 400 012 Maharashtra	71.82	36
3982	Understanding the role of Vitamin D on Glomerular Basement Membrane (GBM) constituents during Diabetic nephropathy	DST-SERB-CRG	Salimath,P., Dr. (M) Jagadguru Sri Shivarathreeshwara University Sri Shivarathreeshwara Mysore - 570 004 Karnataka	51.30	36
3983	Understanding the TGF Beta/Mmp regulatory network and comparative analysis of the proteome during retina, heart and fin regeneration, using lessons from zebrafish	DST-SERB-CRG	Ramachandran,R., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S.Nagar Mohali - 140 306 Punjab	48.48	36
3984	Unfolded protein response: Achilles heels of fungal pathogenesis	DST-SERB-CRG	Mannan,M.A., Dr. (M) Lovely Professional University National Highway 1, Phagwara Kapurthala - 144 411 Punjab	44.22	36
3985	Unraveling the molecular basis of cyanidin, a natural flavonoid on IL-17 mediated signaling and Th17 and Treg cell axis in Rheumatoid Arthritis pathogenesis	DST-SERB-CRG	Rasool,M., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	36.32	36
3986	Unraveling the NEDD9-Vimentin nexus in head and neck squamous cell carcinoma interceded cellular invasion and Metastasis for cancer therapeutics	DST-SERB-CRG	Prabhakar,B.T., Dr. (M) Sahyadri Science College Vidya Nagar, B.M. Road Shimoga - 577 203 Karnataka	67.40	36
3987	Use of recombinant bacteriophage as a novel delivery vehicle for viral CTL epitopes	DST-SERB-CRG	Sundar,K., Dr. (M) Kalasalingam Academy of Research & Higher Education Kalasalingam University, Anand Nagar, Srivilliputtur Virudhunagar - 626 190 Tamil Nadu	44.30	36
3988	Whole gut and intestinal metagenome in patients with irritable bowel syndrome and non-celiac gluten sensitivity and effect of gluten free diet	DST-SERB-CRG	Makharia,G.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	61.70	36
3989	A randomized double blind study of Prophylactic Leviteracetam for the prevention of post stroke Seizures (PROLEVIS)	DST-SERB-ECRA	Vishnu,V.Y., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	27.38	36
3990	Characterization of minor Capsid protein L2 and non coding region 2 of HPV16 in Cervical cancer pathogenesis harboring episomal viral genomes	DST-SERB-ECRA	Mandal,P., Dr. (F) Burdwan University DDE Complex, Golapbag, Post: Rajbati Burdwan - 713 104 West Bengal	41.58	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
3991	Design, synthesis and modeling of Type 1 interferon antagonist for treatment of Tuberculosis	DST-SERB-ECRA	Sharma,N., Dr. (M) Institute of Bioresources & Sustainable Development Takyelpat Imphal - 795 001 Manipur	39.81	36
3992	Developing chicken egg yolk antibodies (IgY) for passive immunotherapy to combat against Carbapenem-resistant Diarrheagenic Escherichia coli	DST-SERB-ECRA	Diraviyam,T., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	35.66	36
3993	Development and evaluation of novel diagnostic and prognostic next generation assays for patient centric therapy in children with acute Lymphoblastic Leukaemia in India	DST-SERB-ECRA	Ganguli,D., Dr. (F) Tata Medical Center 14 Mar (E-W) New Town, Rajarhat Kolkata - 700 160 West Bengal	34.02	36
3994	Development of economical bioactive double network hydrogels for combinatorial treatment of Diabetic wounds	DST-SERB-ECRA	Muthuvijayan,V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	22.82	36
3995	Dissecting epigenomics of high-grade serous Ovarian cancers to identify new therapeutic targets	DST-SERB-ECRA	Agarwal,P., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	47.63	36
3996	Ecological modelling for proactive management of Aedes albopictus and Aedes aegypti vector mosquitoes of Dengue, Chikungunya and Zika viruses in different regions of India	DST-SERB-ECRA	Suman,D.S., Dr. (M) Zoological Survey of India M-Block, New Alipur Kolkata - 700 053 West Bengal	39.91	36
3997	Effect of estrogen on T-type voltage gated calcium channels: Implications for Breast cancer therapy and future directions	DST-SERB-ECRA	Bhargava,A., Dr. (F) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	48.88	36
3998	Elucidating the interaction of non-structural proteins of Bluetongue virus with mammalian host and vector cells	DST-SERB-ECRA	Mahajan,S., Dr. (F) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	47.23	36
3999	Enumeration of osteoclasts derived from monocyte subsets and its association with chronic kidney disease	DST-SERB-ECRA	Kolandaswamy,A., Dr. (M) St. John's Research Institute 100 Feet Road, John Nagar, Koramangala Bengaluru - 560 034 Karnataka	44.60	36
4000	Epigenetics of endothelial dysfunction during cardiovascular disease	DST-SERB-ECRA	Majumder,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	44.98	36
4001	Functionalized fluorescent graphene quantum dot based sensor for early detection of Lung cancer and bioimaging	DST-SERB-ECRA	Patil,P.O., Dr. (M) H.R.Patel Institute of Pharmaceutical Education & Research Karwand Naka, Shirpur Dhule - 425 405 Maharashtra	32.89	36
4002	Histological subtype specific gene expression profiling of Gastric cancer in India	DST-SERB-ECRA	Datta,S., Dr. (F) Indian Statistical Institute 203 Barrackpore Truck Road Kolkata - 700 108 West Bengal	34.14	36
4003	Identification and characterization of the host kinases involved in regulating Influenza B virus RNA synthesis and virus replication	DST-SERB-ECRA	Mondal,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	54.69	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4004	Identification and validation of circulating microRNAs as novel biomarkers for prediction of Dengue haemorrhagic fever	DST-SERB-ECRA	Agarwal,A., Dr. (F) All India Institute of Medical Sciences Saket Nagar Bhopal - 462 020 Madhya Pradesh	34.48	36
4005	Intranasal synthetic neuropeptide Y based brain targeting nanosponges for seizure attenuation in Epilepsy	DST-SERB-ECRA	Shende,P.K., Dr. (M) Narsee Monjee Institute of Management Studies V.L.Mehta Road, Vile Parle West, Juhu Mumbai - 400 056 Maharashtra	21.63	36
4006	Investigating auxiliary functions of HSP110 in Malaria causing parasite plasmodium falciparum	DST-SERB-ECRA	Kumar,N., Dr. (F) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	38.24	36
4007	Mechanistic studies on nuclear-mitochondrial crosstalk regulated by sirtuin-interplay in the pathogenesis of Pulmonary fibrosis	DST-SERB-ECRA	Bindu,S., Dr. (M) Cooch Behar Panchanan Barma University Vivekananda Street, Near Pilkhana Cooch Behar - 736 101 West Bengal	53.39	36
4008	Mitochondrial bioenergetics: Substrate selection and utilization in normal and Diabetic hearts - a theoretical study	DST-SERB-ECRA	Dasika,S.K., Dr. (M) Andhra University College of Engineering Karachettu Road, Andhra University Visakhapatnam - 530 003 Andhra Pradesh	35.31	36
4009	Prevalence of Vitamin D deficiency in HIV positive patients & effect of its supplementation on response to antiretroviral therapy: A prospective, randomised, cross-over study	DST-SERB-ECRA	Kamath,P., Dr. (F) Kasturba Medical College & Hospital Post Box: 53, Light House Hill Road, Hampankatta Mangalore - 575 001 Karnataka	14.82	24
4010	Redox regulation of immune cells, neutrophils in Insulin resistance and Type 2 Diabetes	DST-SERB-ECRA	Kumar,S., Dr. (M) Kasturba Medical Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	40.94	36
4011	Role of human Umbilical Cord Mesenchymal Stem Cells (UC-MSCs) & UC-MSC derived conditioned medium in regulation of Colon cancer progression: An approach towards elucidating function of paracrine factors and epigenetic regulators	DST-SERB-ECRA	Banerjee,A., Dr. (F) Chettinad Academy of Research & Education Padur, Kelambakkam, State Highway 121 Kanchipuram - 603 103 Tamil Nadu	33.53	36
4012	Role of Mixed-Lineage Kinase domain-Like protein (MLKL) as a cell death-associated molecular pattern molecule in drugs/ xenobiotic-induced inflammatory liver diseases and its therapeutic implications	DST-SERB-ECRA	Sharma,P.K., Dr. (M) CSIR-Indian Institute of Toxicology Research Mahatma Gandhi Marg, Post Box No. 80 Lucknow - 226 001 Uttar Pradesh	28.54	36
4013	Role of Wnt/ β -catenin signaling in stroma-mediated chemoresistance of acute Myeloid Leukemia	DST-SERB-ECRA	Satija,N.K., Dr. (M) CSIR-Indian Institute of Toxicology Research Mahatma Gandhi Marg, Post Box. No. 80 Lucknow - 226 001 Uttar Pradesh	39.96	36
4014	A comparative study comparing intensified treatment with moxifloxacin/pyrazinamide versus standard anti-Tubercular therapy for CNS Tuberculoma	DST-SERB-EMEQ	Atchayaram,N., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	42.11	36
4015	A study of the ecology, evolution & resistance mechanisms of Candida auris	DST-SERB-EMEQ	Xess,I., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	32.23	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4016	Characterization & validation of tyrosine aminotransferase from Leishmania donovani as a potential drug target	DST-SERB-EMEQ	Saudagar,P., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	47.12	36
4017	Clinical signs that predict circulatory impairment/shock in children: A multicenter prospective observational study	DST-SERB-EMEQ	Sankar,J., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	33.76	36
4018	Determination of targeted & selective killing of specific malignant cells by engineered antibody complex by passing down regulated MHC Class I Molecule through cytotoxic T Lymphocyte response in tumor bearing mice	DST-SERB-EMEQ	Acharya,A., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	41.62	36
4019	Development of efficient & stable non-viral vector based therapeutics for nucleic acid delivery	DST-SERB-EMEQ	Nayak,B., Dr. (F) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	41.36	36
4020	Development of high sensitive scanometric based nanogold labelled metalloimmunoassay technique for the detection of Lung cancer biomarkers	DST-SERB-EMEQ	Krishnan,K., Dr. (M) Madras University Chepauk Campus, Triplicance Chennai - 600 005 Tamil Nadu	37.14	36
4021	Edible bio-based food packaging with smart approach towards econutrition - A commitment to beat single-use plastics	DST-SERB-EMEQ	Raajeswari,P.A., Dr. (F) Avinashilingam Institute for Home Science & Higher Education for Women Varappalayam Coimbatore - 641 043 Tamil Nadu	39.94	36
4022	Engineering multitalented nanotheranostics for silencing the malignant gene in multiple cancers to accomplish eradication of tumor burden	DST-SERB-EMEQ	Gajbhiye,V., Dr. (M) Agharkar Research Institute Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	26.61	24
4023	Identification, validation, analysis & characterization of molecular activators & antioxidant response elements of Keap1/Nrf2/ARE signaling pathway in zebrafish	DST-SERB-EMEQ	Perumal,E., Dr. (M) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	46.19	36
4024	Investigation on identifying de novo chemical antagonists to the YB-1, a biomarker of cell proliferation, involving in the progression of various human neoplasms: A multidisciplinary approach	DST-SERB-EMEQ	Ganeshan,M., Dr. (M) Bharathidasan University Mathur, Mandaiyur Tiruchirappalli - 620 024 Tamil Nadu	49.33	36
4025	Invitro gene expression of clinical & environmental isolates of Cryptococcus neoformans/gatti spp complex in human brain microvascular endothelial cells	DST-SERB-EMEQ	Chandrashekar,N., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Bag 2900, Hosur Road Bengaluru - 560 029 Karnataka	29.68	36
4026	Isolation & characterization of novel anticancer & immunomodulatory compounds from a medicinal herb Remusatia Vivipara Schott. Found in Gandhamardan Hills, western Orissa	DST-SERB-EMEQ	Behera,B., Dr. (M) Sambalpur University Jyoti Vihar, Burla Sambalpur - 768 019 Odisha	30.69	36
4027	Isolation of anti-angiogenic compounds from seaweeds for anti-cancer drug development	DST-SERB-EMEQ	Kulanthaiyesu,A., Dr. (M) Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar Kasaragod - 671 123 Kerala	39.94	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4028	Low-cost, multiplex Point Of Care (POC) diagnostic test for differential diagnosis of fever	DST-SERB-EMEQ	Kumar,A., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	29.15	36
4029	Microwave assisted synthesis, molecular docking & pharmacological evaluation of novel potent fluorinated thiazolidine & cinnamic acid analogues as Anti-Tubercular agents	DST-SERB-EMEQ	Bansode,D.A., Dr. (F) Bharati Vidyapeeth University Poona College of Pharmacy, Erandwane Pune - 411 038 Maharashtra	43.98	36
4030	Quercetin induced reactivation of mutant p53	DST-SERB-EMEQ	Chander,H., Dr. (M) Central University of Punjab D-13, Civil Station Bhatinda - 151 001 Punjab	46.56	36
4031	Role of p21Waf1/Cip1 in regulation of autophagy: Its implication in Tumorigenesis & cancer therapy	DST-SERB-EMEQ	Sarkar,J., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	51.12	36
4032	Role of Receptor for Advanced Glycation End product (RAGE) & High Mobility Group B1 (HMGB1) protein in endometrial repair	DST-SERB-EMEQ	Chaudhari,U.K., Dr. (M) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	32.23	36
4033	Studying the role of reactive impurities in excipients on the formation of degradation products with genotoxic potential	DST-SERB-EMEQ	Samanthula,G., Dr. (M) National Institute of Pharmaceutical Education & Research Balanagar Hyderabad - 500 037 Telangana	32.39	36
4034	Synergistic therapeutic potential of all trans Retinoic acid & VEGF towards regeneration of Alveoli in Emphysematous lung	DST-SERB-EMEQ	Muyal,J.P., Dr. (M) Gautam Buddha University Gautam Buddha Nagar Greater Noida - 201 308 Uttar Pradesh	27.18	36
4035	The role of skin microbiome in pathobiology of seborrheic dermatitis & pityriasis versicolor with special emphasis on Malassezia species	DST-SERB-EMEQ	Rudramurthy,S.M., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	42.11	36
4036	Toll-like receptor signalling: Significance in Megakaryocyte development & platelet production	DST-SERB-EMEQ	Gutti,R.K., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	42.61	36
4037	Unravelling the role of novel proteins in gastroenteropancreatic & respiratory neuroendocrine tumors	DST-SERB-EMEQ	Rani,N., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	45.04	36
4038	Artificial intelligence based mood charting among men: Its correlation with salivary cortisol	DST-SYST	Ravish, Dr. (M) National Institute of Mental Health & Neuro Sciences P.B. No. 2900, Hosur Road Bengaluru - 560 029 Karnataka	33.57	36
4039	Automatic conversion of speech to Indian sign language for communication & education of hearing impaired people	DST-SYST	Williamjeet, Dr. (M) Punjabi University Urban Estate Phase II Patiala - 147 002 Punjab	16.83	36
4040	Design & synthesis of novel dihydropteroate synthase inhibitors for the treatment of microbial infections	DST-SYST	Gill,R.K., Dr. (F) I.S.F. College of Pharmacy Ferozpur Halkalan Moga - 142 001 Punjab	26.86	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4041	Development & pre-clinical studies of novel hepato-protective & adaptogenic nutraceutical formulation	DST-SYST	Ijnu,T.P., Dr. (M) Amity Institute for Herbal & Biotech Products Development 3, Ravi Nagar, Peroorkada Thiruvananthapuram - 695 005 Kerala	41.38	36
4042	Development & validation of an affordable handheld device for diagnosing compressive neuropathy by two point discrimination test in Diabetic subject	DST-SYST	Periyasamy,R., Dr. (M) National Institute of Technology (Raipur) Greater Eastern Road, Amanaka Raipur - 492 010 Chhattisgarh	19.25	36
4043	Development of formulation for universal decontamination of CBRN agents with minimal waste generation	DST-SYST	Sharma,N., Mr. (M) Institute of Nuclear Medicine & Allied Sciences Brig S.K. Mazumdar Marg, Timarpur Delhi - 110 054 Delhi	34.40	36
4044	Fabrication of a lab-on-a-chip device for the point of care testing of Hemoglobin	DST-SYST	Suneesh,P.V., Dr. (M) Amrita School of Engineering Amrita Vishwa Vidyapeetham, Amritanagar Coimbatore - 641 112 Tamil Nadu	31.67	36
4045	Formulation, evaluation & pilot production of transdermal drug delivery system of Thiocolchicoside	DST-SYST	Thakur,N., Mr. (M) Chandigarh University Gharuan Mohali - 140 413 Punjab	29.58	36
4046	Implementation of WHO ANC model using web based application in primary, secondary & tertiary health care levels by trained health care providers, semi-skilled healthcare providers & community health workers	DST-SYST	Sharma,K.A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	19.76	36
4047	To develop a replicable peer based psychological - first - aid model of services for Tihar inmates & assess the feasibility & efficacy of the psychological first aid services	DST-TIASN	Bhargava,V., Dr. (M) Mental Health Foundation (India) D-28, Lajpat Nagar New Delhi - 110 024 Delhi	26.71	36
4048	An IoT based smart artificial pancreas & an ICT platform for treating Diabetes	DST-TIDE	Srinivasan,S., Prof. (M) Kalasalingam Academy of Research & Higher Education Krishnankoil - 626 126 Tamil Nadu	56.41	36
4049	Design & development of an on chip Nadi Parikshan autonomous health care monitoring system using wireless sensor network	DST-TIDE	Dubey,S., Dr. (M) Padmasri Dr. B.V. Raju Institute of Technology Department of Electronics & Communication Engineering, Vishnupur Narsapur - 502 313 Telangana	64.76	36
4050	Design & development of cognition based intelligent mobility device for physically challenged & for elderly people	DST-TIDE	Sevvel, Dr. (M) Professor S.A. Engineering College Department of Mechanical Engineering, Thiruverkadu Chennai - 600 007 Tamil Nadu	27.82	36
4051	Design & development of low power - low cost monitoring system for Arrhythmia in elderly & young adults	DST-TIDE	Rangaiah,Y.P., Dr. (M) Vardhaman College of Engineering Shamshabad Hyderabad - 501 218 Telangana	68.72	36
4052	Designing of a prototype to monitor Parkinson's disease in elderly people by gait analysis using piezoresistive nanocomposites & machine learning techniques	DST-TIDE	Pramod,K., Dr. (M) Manipal Academy of Higher Education Department of Biomedical Engineering, Manipal Institute of Technology Manipal - 576 104 Karnataka	32.99	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4053	Effect of millet based synbiotic yogurt formulations on functional constipation & gut microflora in elderly persons	DST-TIDE	Nazni,P., Dr. (F) Periyar University Salem - 636 011 Tamil Nadu	37.72	36
4054	Multimodal approaches in teaching science to children with hearing impairment	DST-TIDE	Indu,H., Dr. (F) Avinashilingam Institute for Home Science & Higher Education for Women Department of Education Coimbatore - 641 043 Tamil Nadu	24.17	36
4055	Simultaneous localization & mapping portable assistive device for visually impaired people	DST-TIDE	Merugu,S., Dr. (M) C.M.R. College of Engineering & Technology Hyderabad - 501 404 Telangana	53.83	36
4056	Analysis of Chikungunya virus NSP3 protein micro/ macro interactors	DST-WOS-A	Nandi,I., Ms. (F) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 309 Uttar Pradesh	26.66	36
4057	CAP-53194, a novel predictive tumor inhibitor of Polo-like Kinase 1	DST-WOS-A	Sarvani,V., Ms. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	30.45	36
4058	Characterization of vascular endothelial stress responses induced by human Japanese Encephalitis & its non structural proteins	DST-WOS-A	Jain,P., Dr. (F) ICMR-National Institute of Virology Ministry of Health & Family Welfare, 20A Dr. Ambedkar Road Pune - 411 001 Maharashtra	25.75	36
4059	Comparing vaginal microflora diversity between healthy & Cervical Cancer women for identifying isolates having probiotic & anti-cancer potential	DST-WOS-A	Kamble,A.L., Dr. (F) Interactive Research School for Health Affairs Pune - 411 043 Maharashtra	20.87	36
4060	Elucidating the function of Euchromatic Histone lysine Methyltransferase I (EHMTI) in obesity & Diabetes	DST-WOS-A	Chakraborty,M., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine National Centre for Biological Sciences, P.O. GKVK, Bellary Road	17.69	36
4061	Molecular analyses of protein kinase mediated interaction between fungus fusarium oxysporum & its hosts grewia asiatica & solanum lycopersicum	DST-WOS-A	Gupta,P., Dr. (F) CSIR-Indian Institute of Integrative Medicine Canal Road Jammu - 180 001 Jammu & Kashmir	18.43	36
4062	Molecular mechanism of Allicin induced cytotoxicity in HPV 16 & HPV 18 positive cervical carcinoma cells. An in vitro study	DST-WOS-A	Komal, Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	18.45	36
4063	STAT3 regulation via miRNA in Ovarian Cancer stem cells: A therapeutic approach	DST-WOS-A	Thakur,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	32.25	36
4064	Sustainable public health & primary care in resource poor settings through local women & innovative technology	DST-WS	Saha,S., Dr. (M) Foundation for Innovations in Health 44, ASP Mukherjee Road Kolkata - 700 026 West Bengal	31.03	36
4065	A Prevalence study on PCOS in Kamrup district of Assam (PPCOSA study)	ICMR-ADHOC	Bharali,M.D., Dr. (F) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	19.95	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4066	A study of long term outcome, determinants & incidence of obstetric near miss in a tertiary hospital of north India	ICMR-ADHOC	Jain,V., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	50.59	36
4067	A study on the effectiveness of psychological intervention for anxiety in school going children in Sikkim	ICMR-ADHOC	Chhetri,A.C., Ms. (F) Sikkim Manipal University Gangtok - 737 101 Sikkim	19.47	24
4068	An assessment of health systems responsiveness & availability of medical care for emergency treatment of Road Traffic Injuries (RTI) of the select states of India	ICMR-ADHOC	Rao,M.K., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	22.44	36
4069	Analyzing the pathological implications of the interactome of PIWI proteins in the retinal degeneration	ICMR-ADHOC	Chidambaram,S., Dr. (F) Pondicherry University Puducherry - 605 014 Puducherry	48.45	36
4070	Automatic accident detection & road safety support system for reshaping the transportation in smart cities of India	ICMR-ADHOC	Tamilarasi,A., Dr. (F) Kongu Engineering College Erode - 638 052 Tamil Nadu	4.99	33
4071	Can gene expression patterns in circulating precursors predict the development of osteoporosis and their correlation with bone turnover markers? A cohort based observational study	ICMR-ADHOC	Gopinathan,N.R., Dr. (M) Associate Professor P.G. Institute of Medical Education & Research Chandigarh - 160 012 Chandigarh	18.79	36
4072	Characterization & structure based inhibitor discovery of Mycobacterium smegmatis dehydroquinase synthase	ICMR-ADHOC	Vijayalakshmi,S., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	23.10	36
4073	Characterization and structure based inhibitor discovery of mycobacterium smegmatis dehydroquinase synthase	ICMR-ADHOC	Vijayalakshmi,S., Dr. (F) Assistant Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	21.68	36
4074	Communication strategies to enhance road safety measure on ghat sections: A case study on the roads that lead to Mangalore	ICMR-ADHOC	Lakshmikantha,N., Dr. (F) Manipal University Udupi - 576 104 Karnataka	8.39	24
4075	Comparative efficacy & safety of commonly used Insulin analogues in treatment of Diabetic Ketoacidosis subjects: A Bayesian indirect treatment comparison analysis	ICMR-ADHOC	Bansal,D., Dr. (F) National Institute of Pharmaceutical Education & Research Sector 67, S.A.S. Nagar Mohali - 160 062 Punjab	9.76	18
4076	Comparative transcriptomic & proteomic analysis of drug sensitive & resistant Mycobacterium Tuberculosis (MDR & XDR-TB) in north Indian subpopulation	ICMR-ADHOC	Gupta,A., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	15.00	36
4077	Computational strategies to investigate the therapeutic potentials of select snake venom/ toxins for specific neurodegenerative disorders	ICMR-ADHOC	Nagendra,H.G., Dr. (M) Professor & Head Sir M. Visvesvaraya Institute of Technology Hunasamaranahalli, Via, Yelahanka, International Air Port Road Bengaluru - 562 157 Karnataka	15.63	36
4078	Correlation of minimum inhibitory concentration of oral antifungals with therapeutic outcome among patients with extensive tinea corporis: Proposal for establishing interpretive clinical breakpoints	ICMR-ADHOC	Chandrashekar,L., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantri Nagar Puducherry - 605 006 Puducherry	8.93	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4079	Deciphering the role of functional determinants of dendritic cells & their immune cross talk with NK cells: Possible therapeutic target(s) in Pemphigus Vulgaris	ICMR-ADHOC	Sharma,A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	42.32	36
4080	Design & development of IT enabled decision support tool for post crash care on road traffic injuries	ICMR-ADHOC	Rajsingh,E.B., Dr. (F) Karunya University Coimbatore - 641 114 Tamil Nadu	151.31	36
4081	Design & evaluation of prototype health information system for the rural women in Perambalur district of Tamil Nadu	ICMR-ADHOC	Balasubramani,R., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	22.05	18
4082	Design, synthesis & insilico studies of novel Human Epidermal growth factor Receptor 2 (HER2) inhibitors as anti-cancer agents	ICMR-ADHOC	Swamy,G.B., Dr. (M) Acharya B.M.Reddy College of Pharmacy Near Hesaraghatta Main Road Bengaluru - 560 090 Karnataka	7.50	30
4083	Design, synthesis and Insilico studies of novel Human Epidermal growth factor Receptor 2 (HER2) inhibitors as anti-cancer agents	ICMR-ADHOC	Swamy,G.B., Dr. (M) Professor Acharya B.M.Reddy College of Pharmacy Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Hessarghatta Bengaluru - 560 107 Karnataka	7.50	30
4084	Detection of 2-hydroxyglutarate in biofluids of glioma patients: Potential role as a circulatory biomarker	ICMR-ADHOC	Siraj,F., Dr. (F) ICMR-National Institute of Pathology Safdarjang Hospital Campus, Ansari Nagar New Delhi - 110 029 Delhi	15.00	36
4085	Development & validation of a prototype of a web/mobile app based postive psychological intervention for adoloscents	ICMR-ADHOC	Choubisa,R., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	42.96	24
4086	Development of 12-LOX specific scoring function & pharmacophore model: Design & biological evaluation of novel natural product derived inhibitors	ICMR-ADHOC	Polamarasetty,A., Dr. (M) Central University of Himachal Pradesh Kangra - 176 206 Himachal Pradesh	25.09	36
4087	Development of an efficient & cost effective diagnostic approach to borderling-high HbA2 for high-volume Beta-Thalassemia screening programmes	ICMR-ADHOC	Sharma,P., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	15.00	36
4088	Development of DNA aptamer/peptide based Dengue virus paper based diagnostic kit	ICMR-ADHOC	Jana,S.K., Dr. (M) National Institute of Technology (Arunachal Pradesh) Papum Pare - 791 110 Arunachal Pradesh	19.24	24
4089	Differential methylation of the HPV 16 upstream regulatory region & its association with cervical carcinomas in north east India	ICMR-ADHOC	Borbora,D., Mr. (M) Gauhati University NH 37, Gopinath Bordoloi Nagar, Jalukbari Guwahati - 781 014 Assam	19.46	24
4090	Dysregulated circulating melatonin in pathophysiological processes in Parkinsons Disease (PD): A study on experimental Parkinsonism in animals & in PD patient population from eastern India	ICMR-ADHOC	Kochupurackal,M.N.P., Dr. (M) Inter University Centre for Biomedical Research & Super Speciality Hospital Ernakulam - 682 018 Kerala	45.60	36
4091	Dysregulated circulating melatonin in pathophysiological processes in Parkinsons Disease (PD): A study on experimental parkinsonism in animals and in PD patient population from eastern India	ICMR-ADHOC	Mohanakumar,K.P.N., Dr. (M) Director & Professor Inter University Centre for Biomedical Research & Super Speciality Hospital MGU RIMSR Campus Rubber Board P.O Kottayam - 686 009 Kerala	45.60	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4092	Effectiveness & safety of 6 months versus standard 2 months intramuscular adrenocorticotrophic hormone/oral steroids therapy in infants with west syndrome: A randomized controlled trial	ICMR-ADHOC	Sahu,J.K., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	5.97	36
4093	Effectiveness of First Aid Care Package (FACP) on knowledge & quality of first responders care provided by rickshaw drivers on road traffic accident victims	ICMR-ADHOC	Vinish,V., Mr. (M) Manipal College of Nursing Madhav Nagar Manipal - 576 104 Karnataka	6.16	36
4094	Efficacy of long-term inflammation control with 0.05% Cyclosporine eye drops in preventing development of Keratoconus in vernal Keratoconjunctivitis: A randomized controlled study	ICMR-ADHOC	Maharana,P.K., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	2.62	36
4095	Endometrial neurotrophic factors & nerve fibres in endometriosis-associated pain	ICMR-ADHOC	Sharma,J.B., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	33.06	24
4096	Endometrial neurotrophic factors and nerve fibres in endometriosis-associated pain	ICMR-ADHOC	Sharma,J.B., Dr. (M) Additional Professor All India Institute of Medical Sciences New Delhi - 110 029 Delhi	31.03	24
4097	Enhancing the role of community health workers in service utilization of tribal population: An implementation research study with Kattu-Paniya & Soliga tribes in the Nilgiris	ICMR-ADHOC	Nambiar,D., Dr. (F) The George Institute for Global Health Elegance Tower, Jasola Vihar New Delhi - 110 025 Delhi	44.57	17
4098	Estimation of the therapeutic efficacy of a novel Ayurvedic vaginal tablet in treating excessive abnormal vaginal discharge during Phase II clinical trials	ICMR-ADHOC	Gupta,M., Prof. (F) Institute of Post Graduate Ayurvedic Education & Research No. 294/3/1, A.P.C. Road Kolkata - 700 009 West Bengal	36.79	36
4099	Evaluating & strengthening pre-hospital trauma care system for mitigating burden of road traffic accidents in Jodhpur, Rajasthan: Community based intervention trial	ICMR-ADHOC	Rustagi,N.R., Dr. (F) All India Institute of Medical Sciences MIA, 2nd Phase, Basni Jodhpur - 342 005 Rajasthan	10.39	36
4100	Evaluation of multi-marker strategy to prognosticate patients with acute coronary syndrome	ICMR-ADHOC	George,M., Dr. (M) S.R.M. Medical College Hospital & Research Centre S.R.M. Nagar, Potheri, Kattankulathur, District Kanchipuram Chennai - 603 203 Tamil Nadu	31.15	33
4101	Evaluation of peripheral blood T & B cell responses to Mycobacterium Tuberculosis membrane & the associated antigen alpha crystallin as progression biomarkers for Tuberculosis	ICMR-ADHOC	Misra,R., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Raibareli Road Lucknow - 226 014 Uttar Pradesh	148.07	36
4102	Evaluation of role of NKCC1 Chloride importer antagonism in refractory Schizophrenia: A preclinical & clinical study	ICMR-ADHOC	Kakkar,A.K., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	14.99	36
4103	Evaluation of the effect of select Indian ragas on electrophysiological parameters & salivary stress markers - a randomized control trial	ICMR-ADHOC	Kunikullaya,K.U., Dr. (M) M.S. Ramaiah Medical College & Teaching Hospital Mathikere Bengaluru - 560 054 Karnataka	27.53	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4104	Fabrication of surface decorated graphene oxide nanocomposites for label free prognosis of Alzheimer's disease	ICMR-ADHOC	Patil,P.O., Dr. (M) H.R.Patel Institute of Pharmaceutical Education & Research Karwand Naka, Shirpur Dhule - 425 405 Maharashtra	18.36	36
4105	First trimester placental volume & three-dimensional power doppler analysis of placental vasculature for prediction of pregnancy-induced Hypertension	ICMR-ADHOC	Jain,S., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	7.34	36
4106	Gel-based composite formulation containing asiaticoside & neurotensin for rapid healing of Diabetic wounds	ICMR-ADHOC	Mittal,A., Dr. (F) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	21.76	36
4107	Geoinformatics & web-based surveillance for early warning system of Dengue & other vector-borne diseases in Chennai city	ICMR-ADHOC	Prasad,S., Dr. (F) Madras University Chennai - 600 005 Tamil Nadu	34.78	24
4108	Host determinants of Hepatitis E disease severity	ICMR-ADHOC	Veerapu,N.S., Dr. (M) Shiv Nadar University Gautam Buddha Nagar Greater Noida - 201 314 Uttar Pradesh	55.65	20
4109	Host genetic factors: Association with peritonitis, co-morbidity & mortality in patients on continuous ambulatory peritoneal dialysis	ICMR-ADHOC	Prasad,K.N., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Raebareli Road Lucknow - 226 014 Uttar Pradesh	15.72	24
4110	Identification of Tuberculosis specific biomarkers in children by the proteomic analysis of urine	ICMR-ADHOC	Deenadayalan,A., Dr. (M) ICMR-National Institute for Research in Tuberculosis No.1,Mayoor Sathiyamoorthy Road, Chetpet Chennai - 600 031 Tamil Nadu	14.45	36
4111	Immobilization & evacuation of Persons at Accident site (IMPAC)	ICMR-ADHOC	Chhabra,H.S., Dr. (M) Indian Spinal Injuries Centre Opp. Vasant Valley School, Sector C, Vasant Kunj New Delhi - 110 070 Delhi	21.96	20
4112	Immunogenetics of natural killer cell receptors in HPV infected women with or without cervical cancer	ICMR-ADHOC	Pramanik,J.M., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	43.65	38
4113	Impact of behavioral intervention package on the health status of married abused pregnant women attending antenatal clinic of L N hospital, New Delhi - a randomized controlled trial.	ICMR-ADHOC	Mahapatro,M., Dr. (F) Associate Professor National Institute of Health and Family Welfare New Delhi - 110 067 Delhi	58.15	24
4114	Improving reproductive health seeking behavior & service utilization by tribal women through involvement of Self Help Group (SHG) women in Maharashtra	ICMR-ADHOC	Kulkarni,R.N., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	48.59	24
4115	Influence of glycemic variability on vaginal microbiota in pregnancy: Associations with fetomaternal outcomes	ICMR-ADHOC	Rafat,D., Dr. (F) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	5.22	36
4116	Livelihood status & support systems: Exploring correlations among road injury victims in Anand district, Gujarat	ICMR-ADHOC	Vishwanathan,K., Dr. (M) Pramukhswami Medical College Karamsad Anand - 388 325 Gujarat	16.12	30

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4117	Magnitude & time course of sleep disordered breathing in Ischemic stroke survivors	ICMR-ADHOC	Srijithesh,P., Dr. (M) Assistant Professor National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off Hosur Road Bengaluru - 560 029 Karnataka	20.48	36
4118	Mainstreaming AYUSH with modern health delivery system in India: A socio-behavioral study in 4 blocks in 2 states of India	ICMR-ADHOC	Kar,S., Dr. (M) Maulana Azad College 8, Rafi Ahmed Kidwai Road, Dharmatala Kolkata - 700 013 West Bengal	31.01	24
4119	Maternal near miss review & corrective measures at selected tertiary hospitals in Maharashtra	ICMR-ADHOC	Kulkarni,R.N., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	37.65	24
4120	Molecular genetic analysis of osteogenesis imperfecta in Indian children	ICMR-ADHOC	Madhuri,V., Ms. (F) Professor & Head Christian Medical College & Hospital Vellore - 632 004 Tamil Nadu	45.13	36
4121	Morbidity prevalence & treatment seeking behaviour: Gap analysis curative care utilization in Maharashtra	ICMR-ADHOC	George,M.G., Dr. (M) Tata Institute of Social Sciences V.N. Purav Marg, Deonar Mumbai - 400 088 Maharashtra	33.14	18
4122	Motivational factors for acceptance & continuation of PPIUCD & barriers for non acceptance & discontinuation of PPIUCD: A cross sectional study	ICMR-ADHOC	Singh,B.S., Dr. (M) International Institute of Health Management Research Plot No. 3, Sector 18A, Phase II, Dwarka New Delhi - 110 075 Delhi	32.84	15
4123	Novel biomarkers of sperm quality assessment & aberrant epigenetic modifications in male infertility	ICMR-ADHOC	Singh,K., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	49.91	36
4124	Periodic (semi annual) voluntry HIV testing among MSM: A randomised controlled trial of multi-level intervention	ICMR-ADHOC	Kaur,M., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	46.77	18
4125	Prevalence and correlates of dental caries among 2-5 years children with special reference to breast feeding in Kamrup District, Assam north east concept-ECD	ICMR-ADHOC	Kalita,C., Dr. (F) Reader Regional Dental College Bhangagarh, Post Office Indrapur Guwahati - 781 032 Assam	11.10	7
4126	Prevalence of serum 25 (OH) Vitamin D deficiency in adult population of east Khasi Hills district of Meghalaya & association between VDR gene polymorphism & bone mineral density	ICMR-ADHOC	Ruram,A.A., Dr. (F) North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences Shillong - 793 018 Meghalaya	19.19	24
4127	Prevalence of tobacco use & tobacco induced oral lesions in youth aged 15-24 years in Shimal district, Himachal Pradesh	ICMR-ADHOC	Kamal,R., Dr. (F) H.P. Government Dental College Circular Road, Lakkar Bazar Shimla - 171 001 Himachal Pradesh	23.04	15
4128	Promotion of psychosocial competencies among rural government school children in Karnataka	ICMR-ADHOC	Elangovan,A.R., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off. Hosur Road Bengaluru - 560 029 Karnataka	29.61	24
4129	Protective effect of Glychrrhiza glabra & terminalia bellerica with methotrexate by down regulating the overexpression of proinflammatory cartilages cytokines in Rheumatoid Arthritis	ICMR-ADHOC	Singh,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	8.39	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4130	Regulation of lineage specific differentiation of mesenchymal stem cell under bio-matrices with varied elastic properties	ICMR-ADHOC	Barui,A., Dr. (F) Indian Institute of Engineering Science & Technology Botanic Garden Howrah - 711 103 West Bengal	20.00	36
4131	Road traffic injuries: The present status of injury reporting at various levels of health system & post-crash emergency care	ICMR-ADHOC	Urfi, Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	38.05	30
4132	Role of angiogenic factors & NK-cells in the pathophysiology of pre-eclampsia/ eclampsia & their clinical impacts on	ICMR-ADHOC	Baruah,R.R., Dr. (F) Tezpur Medical College & Hospital NH-15 Tezpur - 784 153 Assam	19.99	36
4133	Role of Carbon mon-Oxide (CO) signaling on trophoblast invasion in humans	ICMR-ADHOC	Karmakar,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	49.42	36
4134	Role of Endocrine Disrupting Chemicals (EDCs) in maternal & child health	ICMR-ADHOC	Kachhawa,G., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	61.05	36
4135	Role of ERCC1 & class III beta tubulin in predicting response to Neoadjuvant Chemoradio Therapy (NACTRT) in Esophageal Cancer	ICMR-ADHOC	Kalayarasan,R., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantri Nagar Puducherry - 605 006 Puducherry	8.00	36
4136	Role of Z-disc proteins in dilated cardiomyopathy	ICMR-ADHOC	Mohapatra,B., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	69.49	36
4137	Screening for anal intraepithelial neoplasia among men having sex with men. Attending a designated sexually transmitted infection clinic in south India	ICMR-ADHOC	Munisamy,M., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantri Nagar Puducherry - 605 006 Puducherry	12.89	36
4138	Structural characterization of a non-specific acid phosphatase Hppa from helicobacter pylori	ICMR-ADHOC	Madhurantakam,C., Dr. (M) TERI University Plot No. 10, Institutional Area, Vasant Kunj New Delhi - 110 070 Delhi	38.70	48
4139	Structural characterization of epigenomic targeting by small molecules using computational & experimental approaches	ICMR-ADHOC	Pandya,P., Dr. (M) Amity University Amity Institute of Forensic Sciences, Sector 125 Noida - 201 303 Uttar Pradesh	18.78	6
4140	Studies on HCV drugs resistance in HCV patients in eastern parts of India	ICMR-ADHOC	Sadhukhan,P.C., Dr. (M) ICMR-National Institute of Cholera & Enteric Diseases 33 CIT Road, Subhas Sarobar Park, Belehata Kolkata - 700 010 West Bengal	35.16	24
4141	Studies on the effect of Russells Viper Venom on regulation of cell morphology, apoptosis and further characterization of the active compound(s)	ICMR-ADHOC	Chakrabarty,D., Dr. (M) Associate Professor Birla Institute of Technology & Science (Pilani) K K Birla, Goa Campus Goa - 403 726 Goa	17.42	36
4142	Synthesis & characterization of a novel bio active theobromine composite resin as a dental restorative material using nanofiber technology	ICMR-ADHOC	Pushpalatha,C., Dr. (F) M.S. Ramaiah University of Applied Sciences Faculty of Dental Sciences, Mathikere Bengaluru - 560 054 Karnataka	10.00	3

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4143	Targeting polo-like kinase 1 to design & synthesize 1, 3-Thiazolidin-4-ones as anticancer agents	ICMR-ADHOC	Sawant,R., Dr. (M) Padmashree Dr. Vithalrao Vikhe Patil Foundation's College of Pharmacy Vadgaon Gupta Road, Vilad Ghat Ahmednagar - 414 111 Maharashtra	29.65	36
4144	Temporal validity of platelet aspirin responsiveness in ischemic stroke patients on constant dose of aspirin	ICMR-ADHOC	Srijithesh,P., Dr. (M) Assistant Professor National Institute of Mental Health & Neuro Sciences Bengaluru - 560 029 Karnataka	35.25	36
4145	The epidemiological study of maxillofacial trauma in a tertiary teaching hospital in Kerala	ICMR-ADHOC	Usha,M., Dr. (F) Thirumala Devasworn Medical College Alappuzha - 688 011 Kerala	3.48	8
4146	The impact of conflict on delivery & utilization of reproductive health services in conflict states of north eastern region of India: A mixed method study	ICMR-ADHOC	Rajbangshi,P.R., Ms. (F) Public Health Foundation of India Rectangle-1 Building, Plot No. 4, District Centre Saket New Delhi - 110 017 Delhi	37.88	8
4147	To investigate the molecular mechanisms of Keratoconus (KC) amongst Indian subjects	ICMR-ADHOC	Titiyal,J.S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	51.42	36
4148	To study the role of gene expression, activation of cellular signaling pathway and its correlation with clinical outcome among trauma hemorrhagic shock T/Hs	ICMR-ADHOC	Bhoi,S.K., Dr. (M) Additional Professor All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	21.58	36
4149	Translational application of novel clinically accessible biological predictors to improved identification of mild & moderate Traumatic Brain Injury (TBI) induced neuro psychological impairment	ICMR-ADHOC	Subramanian,A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	42.23	24
4150	Tuberculosis & the social construction of womens employability: A study of women with history/symptoms of Tuberculosis in Bangalore city	ICMR-ADHOC	George,S., Dr. (M) Institute for Social & Economic Change Dr. V.K.R.V. Road, Teacher's Colony Bengaluru - 560 072 Karnataka	17.15	16
4151	Useful of RNA based PCR for assessing diagnosis & adequacy of treatment in Leprosy	ICMR-ADHOC	Kumari,R., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantri Road Puducherry - 605 006 Puducherry	14.98	36
4152	Utilization & issues relate to effective delivery of governments health care services, schemes & programmes for marginalized groups in Maharashtra: A study	ICMR-ADHOC	Lihitkar,S.R., Dr. (F) Rashtrasant Tukadoji Maharaj Nagpur University Nagpur - 440 033 Maharashtra	45.51	18
Total Cost of 422 Projects Under: Medical Sciences				15,285.53	

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4153	Analysis and design of plasmon-based photonic devices utilizing enhanced light absorption in metallic grating nanostructure	CSIR-GS	Sharma,A.K., Dr. (M) National Institute of Technology (Delhi) Delhi - 110 040 Delhi	11.64	36
4154	Comparative study of low dimensional ferromagnetic heusler alloys prepared by different routes	CSIR-GS	Srinivasan,A., Prof. (M) Indian Institute of Technology (Guwahati) Department of Physics Guwahati - 781 039 Assam	9.00	36
4155	Comprehensive theoretical study of nuclear structure of nuclei with a 70	CSIR-GS	Khosa,S.K., Prof. (M) Central University of Jammu Department of Physics & Astronomy Science Samba - 181 143 Jammu & Kashmir	17.96	36
4156	Computational study of layered materials	CSIR-GS	Kanchana,V., Dr. (F) Indian Institute of Technology (Hyderabad) Department of Physics Sangareddy - 502 285 Telangana	21.96	36
4157	Defect and doping synergist in perforated graphene-aerogel nanohybrid for the development of efficient hydrogen generation catalyst	CSIR-GS	Maiti,U.N., Dr. (M) Indian Institute of Technology (Guwahati) Department of Physics Guwahati - 781 039 Assam	11.00	36
4158	Development of exchange coupled hard/soft ferrite nanocomposites for tunable microwave application	CSIR-GS	Sharma,P., Dr. (M) Thapar University School of Physics & Material Science Patiala - 147 004 Punjab	19.96	36
4159	Development of high energy k-ion hybrid capacitors using binder free electrospun $k_3M_2(PO_4)_3@CNF$ (M=V,Mn,Ti) and porous carbon derived from dead leaves of Ficus religiosa	CSIR-GS	Selvan,R.K., Dr. (M) Bharathiar University Department of Physics Coimbatore - 641 046 Tamil Nadu	19.96	36
4160	Development of high-performance ternary piezoelectric ceramics for transducer applications	CSIR-GS	Babu,G.A., Dr. (M) S.S.N. College of Engineering Department of Physics Kalavakkam - 603 110 Tamil Nadu	22.46	36
4161	Development of nanocrystalline phosphor as single-component multicolour light emitter	CSIR-GS	Meetei,S.D., Dr. (M) North Eastern Regional Institute of Sciences & Technology Department of Physics Nirjoui - 791 109 Arunachal Pradesh	19.46	36
4162	Development of polyvinylidene fluoride/hyperbranched polyester based energy harvesting nanogenerator	CSIR-GS	Prabu,A.A., Dr. (M) Vellore Institute of Technology University Department of Chemistry Vellore - 632 014 Tamil Nadu	20.46	36
4163	Development of wood recycled plastics composites with nanoclay/microclay	CSIR-GS	Soundararajan,S., Dr. (M) Central Institute of Plastics Engineering & Technology Department of Plastic Technology Chennai - 600 032 Tamil Nadu	15.21	36
4164	Efficient THz radiation during laser-plasma interaction	CSIR-GS	Kant,N., Dr. (M) Lovely Professional University Department of Physics Phagwara - 144 411 Punjab	21.96	36
4165	Evaluation of rheological and visible emission responses of nano-WS ₂ / C-Dot as additives	CSIR-GS	Mohanta,D., Dr. (M) Tezpur University Department of Physics Tezpur - 784 028 Assam	22.46	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4166	Exploring rogue waves in the inhomogeneous waveguide array and their potential control	CSIR-GS	Gupta,R., Dr. (F) D.A.V. University Department of Physics Jalandhar - 144 012 Punjab	9.94	36
4167	Exploring the evolution of the universe by unifying inflation with late-time acceleration in viscous modified gravity cosmology	CSIR-GS	Chattopadhyay,S., Dr. (M) Amity University Department of Mathematics Kolkata - 700 135 West Bengal	16.21	36
4168	Extremal eigenvalues and evolution of various structural patterns in complex networks	CSIR-GS	Jalan,S., Dr. (F) Indian Institute of Technology (Indore) Discipline of Physics Indore - 452 020 Madhya Pradesh	18.46	36
4169	Fabrication of highly reproducible sers active substrates through controlled plasmonics and their applications in ultrasensitive chemical and biological sensing	CSIR-GS	Chowdhury,J., Dr. (M) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	16.41	36
4170	Galactic and extragalactic archeology through variable stars	CSIR-GS	Singh,H.P., Dr. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	19.96	36
4171	Generation of V-point singularities by multiple beam interference	CSIR-GS	Senthikumar,P., Prof. (M) Indian Institute of Technology (Delhi) Department of Physics New Delhi - 110 016 Delhi	22.96	36
4172	Localized surface plasmon resonance effect of metal nanoparticles (Au,Ag etc.) on the optical properties of nanophosphors for plasmon enhanced fluorescence sensors	CSIR-GS	Jaggi,N., Dr. (F) National Institute of Technology (Kurukshetra) Department of Physics Kurukshetra - 136 119 Haryana	14.74	36
4173	Multiplexed array of electrodes for electrochemical determination of cardiac biomarkers	CSIR-GS	Sekar,C., Prof. (M) Alagappa University Department of Bioelectric & Biosensor Karaikudi - 630 003 Tamil Nadu	21.46	36
4174	Nonlinear waves and structures in dusty and quantum plasma	CSIR-GS	Maitra,S., Dr. (M) National Institute of Technology (Durgapur) Department of Mathematics Durgapur - 713 209 West Bengal	14.46	36
4175	Nuclear structure close to Z-50 shell closure nuclei through nuclear fusion evaporation reactions	CSIR-GS	Sihotra,S., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	17.46	36
4176	On the dynamics and applications of nonlinear parity-time symmetric systems	CSIR-GS	Chandrasekar,V.K., Dr. (M) SASTRA University Centre for Nonlinear Science & Engineering Thanjavur - 613 402 Tamil Nadu	21.96	36
4177	Preparation and investigations of nanoparticles-polymer dispersed liquid crystal composites	CSIR-GS	Malik,P., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Department of Physics Jalandhar - 144 011 Punjab	25.96	36
4178	Preparation of manganite-ferrite nanocomposites for sensor applications	CSIR-GS	Subramanian,S.S., Mr. (M) Delhi University Department of Physics New Delhi - 110 021 Delhi	9.54	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4179	Studies on parton recombination and related nonlinear equations	CSIR-GS	Sarma,J.K., Prof. (M) Tezpur University Department of Physics Tezpur - 784 028 Assam	2.70	36
4180	Study on the properties of Rashba condensates spin-orbit coupled bose-einstein in two-and three-dimensions	CSIR-GS	Muruganandam,P., Dr. (M) Bharathidasan University Department of Physics Tiruchirappalli - 620 024 Tamil Nadu	21.96	36
4181	Synthetic observatory for X-shaped radio galaxies	CSIR-GS	Vaidya,B., Dr. (M) Indian Institute of Technology (Indore) Centre of Astronomy Indore - 452 020 Madhya Pradesh	19.96	36
4182	The synthesis and characterization of MFe ₂ O ₄ @aA ₂ O ₃ core-shell nanoparticles, M=Co, Ni,Zn, and Cd	CSIR-GS	Deshpande,M.D., Mrs. (F) Professor H.P.T. Arts & R.Y.K. Science College Department of Physics Nasik - 422 005 Maharashtra	16.95	36
4183	Topological structure and ground state and excited state wave functions for unconventional fractional quantum hall states	CSIR-GS	Mandal,S.S., Prof. (M) Indian Institute of Technology (Kharagpur) Department of Physics Kharagpur - 721 302 West Bengal	18.96	36
4184	Universal thermodynamics in modified theories of gravity	CSIR-GS	Guha,S., Dr. (F) St. Xavier's College Department of Physics Kolkata - 700 016 West Bengal	17.96	36
4185	Variable stars as astrophysical laboratories	CSIR-GS	Deb,S., Dr. (M) Cotton University Department of Physics Guwahati - 781 001 Assam	19.96	36
4186	Designing GNM/hBN-quantum dot based hybrid photo detectors	DRDO-ER & IPR	Palla,P., Mr. (M) Assistant Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	12.74	24
4187	Development of non-lead based magnetoelectric nanocomposite films with high magnetoelectric coupling	DRDO-ER & IPR	Sharma,P., Dr. (M) Associate Professor Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 001 Punjab	35.32	36
4188	Development of single crystalline Gallium oxide (Ga ₂ O ₃) growth technology for power devices applications	DRDO-ER & IPR	Babu,S.M., Dr. (M) Professor Anna University Gurukulam Chennai - 600 025 Tamil Nadu	144.48	36
4189	Fabrication of high quality nanostructured piezoelectric thin films for MEMS devices	DRDO-ER & IPR	Kaur,D., Dr. (F) Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	49.05	36
4190	Fabrication of lamp wave devices on SiO ₂ /Si membrane for strategic applications	DRDO-ER & IPR	Gupta,V., Prof. (M) Delhi University Delhi - 110 007 Delhi	458.68	36
4191	Fabrication of ultrathin MoTe/MoS ₂ heterostructure based infrared detector by chemical vapor deposition technique	DRDO-ER & IPR	Kar,J.P., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	44.30	36
4192	Intelligence power management system for monitoring, diagnosis & prognostics of electric loads in armoured fighting vehicles	DRDO-ER & IPR	Srinivasan,B., Dr. (M) Assistant Professor Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	65.41	30

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4193	Prediction of the properties of intermetallic compounds combining atom-pair bond approach with DFT computations	DRDO-ER & IPR	Bai,V.S., Prof. (F) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	46.81	36
4194	Synthesis & growth of large area crystalline monolayer graphene	DRDO-ER & IPR	Srivastava,O.N., Dr. (M) Professor Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	70.37	36
4195	Ultrafast joule heating induced defect healing & in-situ activation of spontaneously assembled graphene network for wearable energy storage	DRDO-ER & IPR	Maiti,U.N., Mr. (M) Assistant Professor Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	21.18	36
4196	Development of efficient polymer solar cells based on non fullerene small molecules acceptors with low energy loss	DST-IMRC	Sharma,G.D., Mr. (M) L.N.M. Institute of Information Technology Rupa Ki Nangal Jaipur - 302 301 Rajasthan	34.63	36
4197	Global & local water quality monitoring by multimodal sensor systems	DST-IMRC	Bhattacharyya,N., Mr. (M) Centre for Development of Advanced Computing (C-DAC) Kolkata - 700 064 West Bengal	30.99	36
4198	Metal hybride materials & systems for increase of efficiency in renewable & hydrogen energy	DST-IMRC	Palanisamy,M., Mr. (M) Indian Institute of Technology (Guwahati) Surjyamukhi Road, Amingaon Guwahati - 781 039 Assam	35.16	36
4199	Multi-wavelength & multi-messenger studies of the transient universe	DST-IMRC	Sahu,D.K., Mr. (M) Indian Institute of Astrophysics II Block, Koramangala Bengaluru - 560 034 Karnataka	10.05	36
4200	Nanostructures with large magneto-optical activity & spin-orbit interaction	DST-IMRC	Achanta,V.G., Mr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Navy Nagar, Colaba Mumbai - 400 005 Maharashtra	45.31	36
4201	New principles & fabrication technologies of extreme 2D & OD AlGaN Nanoheterostructures for high efficiency mid-and deep-ultraviolet spontaneous & laser emitters	DST-IMRC	Bhattacharyya,A., Dr. (M) Calcutta University Institute of Radio Physics & Electronics Kolkata - 700 073 West Bengal	30.60	36
4202	Optical communication with spatial modes of light	DST-IMRC	Bhattacharya,S., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	26.42	36
4203	Renewable energy based multifunctional solid sorption thermal battery for year-round building thermal management for diverse climatic conditions of Russia, India & China	DST-IMRC	Dutta,P., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	41.65	36
4204	Superflares on stars & the sun	DST-IMRC	Banerjee,D., Mr. (M) Indian Institute of Astrophysics II Block, Koramangala Bengaluru - 560 034 Karnataka	34.19	36
4205	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Swain,S.K., Prof. (M) National Institute of Science Education & Research School of Physical Sciences Bhubaneswar - 752 050 Odisha	114.18	60

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4206	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Choudhary,B.C., Prof. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	280.71	60
4207	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Bambah,B.A., Prof. (F) Hyderabad University School of Physics, Prof C.R. Road, Gachibowli Hyderabad - 500 046 Telangana	185.86	60
4208	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Potukuchi,B.V.K.S., Dr. (M) Jammu University Department of Physics & Electronics Jammu - 180 006 Jammu & Kashmir	71.89	60
4209	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Bhatnagar,V., Prof. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	189.00	60
4210	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Giri,A.K., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Physics Yeddumailaram - 502 205 Telangana	175.00	60
4211	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Bhuyan,B., Prof. (M) Indian Institute of Technology (Guwahati) Department of Physics Guwahati - 781 039 Assam	160.54	60
4212	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Athar,M.S., Prof. (M) Aligarh Muslim University Department of Physics Aligarh - 202 002 Uttar Pradesh	138.88	60
4213	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Singh,V., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	116.58	60
4214	Indian institutions-Fermilab collaboration in neutrino physics	DST-MEGASC	Mathew,T.K., Dr. (M) Cochin University of Science & Technology Department of Physics Kochi - 682 022 Kerala	114.48	60
4215	Development of photonic sendors platform using 2D/3D Covalent Organic Framework (COF)	DST-N-M	Kundu,T., Dr. (M) Indian Institute of Technology (Bombay) Department of Physics, Powai Mumbai - 400 076 Maharashtra	31.67	36
4216	Downshifting compatible nano materials for improving the spectral response of present & future generation solar cells	DST-N-M	Dhoble,S., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Nagpur - 440 033 Maharashtra	32.02	36
4217	Electric field controlled spin dynamics in nanomagnets	DST-N-M	Mukhopadhyay,S., Prof. (M) Indian Institute of Technology (Kanpur) Department of Physics, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	66.29	36
4218	Emergent electronic phases by interface & lattice engineering of complex oxides	DST-N-M	Middey,S., Dr. (M) Indian Institute of Science Department of Physics Bengaluru - 560 012 Karnataka	121.25	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4219	Large area, semi-flexible & indium-free perovskite solar cells	DST-N-M	Ghosh,D.S., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Old Dhamtari Road, Sejbahar Bhilai - 492 015 Chhattisgarh	138.00	36
4220	Near field engineering of excitons	DST-N-M	Kumar,A., Dr. (M) Indian Institute of Technology (Bombay) Department of Physics, Room No 201, Powai Mumbai - 400 076 Maharashtra	124.45	36
4221	2D materials beyond graphene: A computational study of Van Der Waals heterostructures	DST-SERB-CRG	Bhowmick,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	16.98	36
4222	A study on the physical properties to the chlorine treated Cd-based compound semiconductor thin films correlation with surface morphology for solar cell applications	DST-SERB-CRG	Dhaka,M.S., Dr. (M) Mohanlal Sukhadia University Ganeshpura Udaipur - 313 001 Rajasthan	34.43	36
4223	A synergetic strategy to detect hazardous gases using nanostructured MoO ₃ -V ₂ O ₅ composites by chemical route	DST-SERB-CRG	Moholkar,A.V., Dr. (M) Shivaji University Vidyanagar Kolhapur - 416 004 Maharashtra	26.75	36
4224	A theoretical investigation of the catch bond in dynein: Implications for intracellular processes	DST-SERB-CRG	Muhuri,S., Dr. (M) Pune University Pune - 411 007 Maharashtra	31.35	36
4225	Anisotropy of spin-diffusion length in layered transition metal dichalcogenides: Spin valve devices	DST-SERB-CRG	Pal,A.J., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	51.79	36
4226	Anomalous properties of confined films of polymer and polymer nanocomposite	DST-SERB-CRG	Bal,J.K., Dr. (M) Abhedananda Mahavidyalaya Sainthia Birbhum - 731 234 West Bengal	32.81	36
4227	Astrophysical and laboratory shear flows with stochastic noise, their linear instability and transition to turbulence	DST-SERB-CRG	Mukhopadhyay,B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	19.98	36
4228	Atomic layer deposition of p-Type Delafossite transparent conducting oxides and its possible application in perovskite based solar cells	DST-SERB-CRG	Sarkar,S.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	30.26	36
4229	Benzene derivatives based single electron transistor quantum dots for toxic gas sensing	DST-SERB-CRG	Srivastava,A., Dr. (M) Atal Bihari Vajpayee-Indian Institute of Information Technology & Management Morena Link Road Gwalior - 474 015 Madhya Pradesh	21.43	36
4230	Biophysical study of forming and controlling nano-sized domain in model cellular membrane	DST-SERB-CRG	Ghosh,S.K., Dr. (M) Shiv Nadar University Village Chithera, Tehsil Dadri Noida - 203 207 Uttar Pradesh	33.26	36
4231	Bismuth Glasses - Linear & non-linear optical studies	DST-SERB-CRG	Kumar,V., Dr. (M) Pondicherry University R. Venkataraman Nagar, Kalapet Puducherry - 605 014 Puducherry	35.81	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4232	Challenging general relativity at the largest scales: A systematic investigation of cosmological perturbations in modified gravity	DST-SERB-CRG	Dutta,J., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	22.37	36
4233	Coherent control of wave front engineering	DST-SERB-CRG	Dey,T.N., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	23.47	36
4234	Competing magnetic interaction as a route to giant exchange bias in layered perovskite oxides	DST-SERB-CRG	Santhosh,P.N., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	14.25	36
4235	Complex dielectric structures in liquid crystals as tunable metamaterials	DST-SERB-CRG	Jayasri,D., Dr. (M) Mahindra Ecole Centrale Survey No. 62/1a, Bahadurpally, Jeedimetla Hyderabad - 500 043 Telangana	24.46	36
4236	Computational studies of structure and interface modified magnetic materials for nanomagnetic devices	DST-SERB-CRG	Barman,S., Dr. (F) Institute of Engineering & Management Y-12, Salt Lake Electronics Complex, Sector-V Kolkata - 700 091 West Bengal	27.35	36
4237	Conformal approach to supergravity: New perspectives & applications	DST-SERB-CRG	Sahoo,B., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	26.25	36
4238	Construction of compact RGB laser system using QPM crystal for display applications	DST-SERB-CRG	Pandiyar,S.K., Dr. (M) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	33.27	36
4239	Copper oxide based cost-effective photovoltaics by magnetron sputtering	DST-SERB-CRG	Meher,S.R., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.92	36
4240	Dependence of exchange bias on interparticle interaction	DST-SERB-CRG	De,D., Dr. (M) The Neotia University Sarisa, D.H. Road, 24 Parganas (South) Kolkata - 743 363 West Bengal	36.32	36
4241	Design and development of dielectric barrier discharge based micro-hollow cathode plasma device arrays & their characterization	DST-SERB-CRG	Lamba,R.P., Dr. (M) CSIR-Central Electronics Engineering Research Institute Post Box No. 1 Pilani - 333 031 Rajasthan	30.56	36
4242	Design and implementation of fundamental logic elements and memory device using nonlinear dynamical systems	DST-SERB-CRG	Arunachalam,V., Dr. (M) Nehru Memorial College Puthanampatti Tiruchirappalli - 621 007 Tamil Nadu	18.86	36
4243	Design of all photonic logic circuits based on optical nonlinearities of semiconductor laser amplifier for ultra-high speed applications	DST-SERB-CRG	Lovkesh, Dr. (F) Panjab University NH 64, Urban Estate Phase II Patiala - 147 002 Punjab	37.38	36
4244	Design, fabrication and evaluation of compositionally graded nanocomposite hard coatings for high-temperature tribological applications	DST-SERB-CRG	Kumar,D.D., Dr. (M) Sathyabama University Sathyabama Institute of Science & Technology, Jeppiar Nagar, Rajiv Gandhi Road Chennai - 600 119 Tamil Nadu	43.43	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4245	Design, instrumentation and fabrication of highly stable, portable, label-free digital holographic interference microscopes for 3D cell imaging, classification and identification	DST-SERB-CRG	Anand,A., Dr. (M) M.S. University of Baroda Sayajigunj Vadodara - 390 020 Gujarat	39.79	36
4246	Developing high-performance insulators for electrowetting-driven liquid lens and beam-steering device	DST-SERB-CRG	Banupurkar,A.G., Dr. (M) Pune University Pune - 411 007 Maharashtra	30.98	36
4247	Development and construction of radio-frequency ion source	DST-SERB-CRG	Lalremruata,B., Dr. (M) Mizoram University Post Box No. 190 Aizawal - 796 009 Mizoram	49.56	36
4248	Development and study of dielectric barrier plasma system for enhancing catalytic decomposition of gaseous pollutants	DST-SERB-CRG	Das,S.P., Dr. (F) Ravenshaw University College Square Cuttack - 753 003 Odisha	52.51	36
4249	Development of a sensitive tool to study the nonlinear properties of monoamine neurotransmitters	DST-SERB-CRG	Tripathy,U., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	36.96	36
4250	Development of biocompatible magnetic spin relaxation hyperthermia materials by modifying magnetic parameters through magnetic exchange coupling in core-shell nanostructures	DST-SERB-CRG	Krishnamoorthi,C., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	20.68	36
4251	Development of bismuth-based complex perovskites piezoelectric single crystals for strategic applications	DST-SERB-CRG	Govindan,A., Dr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai (Omr), Kanchipuram Kalavakkam - 603 110 Tamil Nadu	28.79	36
4252	Development of cheap and durable anti-fingerprint and anti-reflective coatings for electronic and optical display panels	DST-SERB-CRG	Kumar,A., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	25.67	36
4253	Development of CrAlSiN based superhard nanocomposite coatings	DST-SERB-CRG	Anwar,S., Dr. (F) CSIR-Institute of Minerals & Materials Technology Sachivalaya Marg Bhubaneswar - 751 013 Odisha	21.75	36
4254	Development of environmental friendly perovskite materials for self-powered vibrational energy harvesting device applications	DST-SERB-CRG	Rout,S.K., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	55.81	36
4255	Development of ferroelectric liquid crystals based biosensors and their applications	DST-SERB-CRG	Prakash,J., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	39.60	36
4256	Development of flexible metalized nanofiber network transparent conducting electrode for applications in optoelectronic and transparent heating devices	DST-SERB-CRG	Hidangmayum,B.K.S., Dr. (M) Manipur University Canchipur Imphal - 795 003 Manipur	27.13	36
4257	Development of highly efficient CdTe/CdS tandem multijunction photovoltaic system through optimization of various components	DST-SERB-CRG	Khare,A., Dr. (M) National Institute of Technology (Raipur) G.E. Road Raipur - 492 010 Chhattisgarh	34.91	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4258	Development of lanthanide doped fluoride nanoparticles for solar energy harvesting	DST-SERB-CRG	Kummara,V.K., Dr. (M) Rajeev Gandhi Memorial College of Engineering & Technology Kurnool-Nandyal Highway, NH 18 Kurnool - 518 112 Andhra Pradesh	34.41	36
4259	Development of laser Biospeckle technique for applications in agriculture	DST-SERB-CRG	Prakash,S., Dr. (M) Devi Ahilya Vishwavidyalaya Khandwa Road Indore - 452 001 Madhya Pradesh	29.16	36
4260	Development of low-cost thin film solar cells using $Cu_2ZnSn(SxSe_{1-x})_4$ as absorber layer	DST-SERB-CRG	Raviprakash,Y., Dr. (M) Manipal University Udupi Manipal - 576 104 Karnataka	26.10	36
4261	Development of nanobioengineered immunosensor using magnetic nanoparticle decorated graphene based transducer for the detection of serum tumor marker CA 15-3 and its application in the diagnosis of breast cancer	DST-SERB-CRG	Patil,P.B., Dr. (M) The New College 1062, A Ward, Shivaji Peth Kolhapur - 416 012 Maharashtra	31.05	36
4262	Development of nanoscale magnetometry using nitrogen-vacancy center in diamond	DST-SERB-CRG	Ummalmomeen,M., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	37.98	36
4263	Development of near infrared long persistent phosphors for defence and security applications	DST-SERB-CRG	Manam,J., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	46.23	36
4264	Development of novel bioactive glass and glass ceramics - in vitro and in vivo	DST-SERB-CRG	Azeem,A.P., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	37.77	36
4265	Development of novel two dimensional materials and their nano-carbon composites as efficient photo- and electro-catalysts for hydrogen generation from water	DST-SERB-CRG	Ray,A., Dr. (M) Pandit Deendayal Petroleum University Raisan Gandhinagar - 382 007 Gujarat	37.99	36
4266	Development of RF/microwave tunable devices usng multiferroic heterostructure thin films	DST-SERB-CRG	Katlakunta,S., Dr. (F) Osmania University Hyderabad - 500 007 Telangana	30.98	36
4267	Development of tri and tetra valent ions doped ceria based nanoelectrolytes for solid oxide fuel cell application	DST-SERB-CRG	Rajendran,D.N., Dr. (F) Government College for Women Thiruvananthapuram - 695 014 Kerala	17.60	36
4268	Dynamic spin injection and spin-orbit torques in 2D-transition metal dichalcogenides/ferromagnet heterostructures	DST-SERB-CRG	Muduli,P.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.99	36
4269	Dynamics of active deformable objects: Self-propulsion and spontaneous oscillation	DST-SERB-CRG	Thakur,S., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	21.60	36
4270	Dynamics of coupled quantum dots in a semiconductor micro-cavity: Feasibility of building all optical switches	DST-SERB-CRG	Jha,P.K., Dr. (M) Deen Dayal Upadhyaya College Shivaji Marg, Karampura New Delhi - 110 015 Delhi	24.36	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4271	Electrochemically lithiated nanosheet wrapped Si nanoparticles for high performance battery anodes	DST-SERB-CRG	Islam,S.S., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	52.25	36
4272	Electromagnetic solitons and nonlinear Landau damping in plasmas	DST-SERB-CRG	Misra,A.P., Dr. (M) Visva Bharati University Santiniketan, Bolpur Birbhum - 731 235 West Bengal	19.15	36
4273	Electromagnetically Induced Transparency (EIT) based quantum memory	DST-SERB-CRG	Tripathi,A., Dr. (M) Sikkim University 6th Mile Tadong Gangtok - 737 102 Sikkim	42.41	36
4274	Electron impact secondary electron-ion coincidence spectrometer for investigation of dissociation dynamics of PAHs	DST-SERB-CRG	Kadhane,U.R., Dr. (M) Indian Institute of Space Science & Technology Valiamala Road Thiruvananthapuram - 695 547 Kerala	47.77	36
4275	Electronic structure strategies and electron momentum densities of some important functional materials	DST-SERB-CRG	Sahariya,J., Dr. (F) Manipal University Vatika Infotech City, Express Way Post Thikaria Jaipur - 302 026 Rajasthan	18.96	36
4276	Entanglement dynamics and quantum information processing in spin systems	DST-SERB-CRG	Mitra,C., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	49.47	36
4277	Evaluation of electro-chemical and thermo-mechanical properties of a novel anode-supported SOFC membrane electrolyte assembly structure for intermediate temperature applications	DST-SERB-CRG	Biswas,S., Dr. (M) L.N.M. Institute of Information Technology Gram - Rupa Ki Nagal, Post Sumel, Via Kanata Jaipur - 303 012 Rajasthan	32.16	36
4278	Experimental study of Fission hindrance and viscosity in highly excited nucleus	DST-SERB-CRG	Banerjee,S.R., Dr. (M) Variable Energy Cyclotron Centre Sector 1, Block Af, Bidhan Nagar Kolkata - 700 064 West Bengal	18.90	36
4279	Exploring new methodology to estimate the values of onsite coulombic repulsive energy (U) and charge transfer energy (Δ) in transition metal oxides through combined optical and structural studies	DST-SERB-CRG	Sagdeo,P.R., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	23.21	36
4280	Fabrication and characterisation of printed E-nose arrays using BaTiO ₃ /CNT/CoFe ₂ O ₄ nanocomposites for reducing gases	DST-SERB-CRG	Rathore,D., Dr. (F) Amity University NH-11C, Kant Kalwar Jaipur - 303 002 Rajasthan	32.56	36
4281	Fabrication and development of hybrid nanocomposite fibres for wearable sensors and actuators	DST-SERB-CRG	Ponraj,J.S., Dr. (F) Bharathiar University Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	35.41	36
4282	Fabrication of quasi-interdigitated electrodes based back-contacted bismuth ferrite solar cells	DST-SERB-CRG	Nanda,J., Dr. (F) Institute of Technical Education & Research Jagamara, Khandagiri, Khordha Bhubaneswar - 751 030 Odisha	51.96	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4283	Femtosecond laser Enabled Micro-fabrication of micro-Total-analysis Optofluidic Systems (FEMTOS)	DST-SERB-CRG	Vishnubhatla,K.C., Dr. (M) Sri Sathya Sai Institute of Higher Learning Puttaparthi Main Road Anantapur - 515 134 Andhra Pradesh	24.53	36
4284	Flexible polymer nanocomposite films for energy generation and microwave shielding applications	DST-SERB-CRG	Mukherjee,N., Dr. (M) Indian Institute of Engineering Science & Technology Shibpur College Road Howrah - 711 103 West Bengal	46.55	36
4285	Fusion phenomena of weakly bound particles in low-medium mass nuclei: Separation of some important radionuclides	DST-SERB-CRG	Maiti,M., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	37.58	36
4286	Green synthesis and application potential evaluation of functionalized plasmonic systems with morphological isotropy and anisotropy	DST-SERB-CRG	Thomas,V., Dr. (M) Christian College Angadical South P.O., Chegannur Alappuzha - 689 122 Kerala	16.00	36
4287	Half-metallic heusler alloys for spintronics applications	DST-SERB-CRG	Bhobe,P.A., Dr. (F) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	21.66	36
4288	Heavy flavor physics and exotics	DST-SERB-CRG	Dhir,R., Dr. (M) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	23.40	36
4289	Heavy flavour mesons in magnetized hadronic medium	DST-SERB-CRG	Mishra,A., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	7.34	36
4290	Highly visible active surface functionalized mesoporous XTiO_3/NiS , (X= Ba, Sr) perovskite nanomaterials	DST-SERB-CRG	Pandiyam,V., Dr. (M) Nehru Memorial College Puthanampatti Tiruchirappalli - 621 007 Tamil Nadu	20.04	36
4291	Impact of pollution study on nutrients of marine fishes in Visakhapatnam by nuclear analytical techniques	DST-SERB-CRG	Rao,A.D., Dr. (M) Andhra University Karachettu Road Visakhapatnam - 530 003 Andhra Pradesh	24.29	36
4292	In situ probing of intermolecular interactions at buried polymer nanocomposite aqueous interfaces by sum frequency generation vibrational spectroscopy for biofouling applications	DST-SERB-CRG	Jena,K.C., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	47.07	36
4293	Indigenous development of high efficiency perovskite solar cells	DST-SERB-CRG	Saxena,K., Dr. (F) Amity University Sector 125 Noida - 201 303 Uttar Pradesh	35.35	36
4294	Indigenous development of plasma sprayable powders and coatings for advanced environmental barrier coatings for aerospace application	DST-SERB-CRG	Aruna,S.T., Dr. (F) CSIR-National Aerospace Laboratories Post Box No. 1779, Kodihalli Bengaluru - 560 017 Karnataka	39.71	36
4295	Inhomogeneities in correlated systems: Superconductors, insulators and many-body localized systems	DST-SERB-CRG	Garg,A., Dr. (F) Saha Institute of Nuclear Physics Sector -1, Block-Af, Bidhan Nagar Kolkata - 700 064 West Bengal	51.34	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4296	Investigating the optical properties and hydrogen evolution reaction activity of transition metal di-chalcogenides (WS ₂ and MoS ₂) nanostructures and their hybrids	DST-SERB-CRG	Sharma,S., Dr. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	37.03	36
4297	Investigation of a novel contactless technique to quantify quantum efficiency of solar cell materials	DST-SERB-CRG	Gupta,D., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.66	36
4298	Investigation of elastic and inelastic dephasing in carbon nanotube FET	DST-SERB-CRG	Sarkar,N., Dr. (M) Birla Institute of Technology & Science (Pilani) Vidya Vihar Pilani - 333 031 Rajasthan	18.25	36
4299	Investigation of projectile structure effect in heavy ion induced reactions At 4 - 7 MeV/A	DST-SERB-CRG	Agarwal,A., Dr. (M) Bareilly College Bareilly - 243 005 Uttar Pradesh	22.86	36
4300	Investigation of spin hall effect and Spin hall Magnetoresistance (SMR) studies in highly spin-orbit coupled oxide/magnetic insulator heterostructures	DST-SERB-CRG	Rao,M.S.R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	28.60	36
4301	Investigation of transport and magnetic properties of novel Fe- and BiS ₂ - based superconductors under extreme conditions of high pressure, low temperature and high magnetic field	DST-SERB-CRG	Arumugam,S., Dr. (M) Bharathidasan University Mathur, Mandaiyur Tiruchirappalli - 620 024 Tamil Nadu	199.04	36
4302	Investigation on Langmuir-blodgett films of pristine and functionalized single walled carbon nanotubes and application	DST-SERB-CRG	Gupta,R.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	45.70	36
4303	Investigations of electrical and dielectric properties of chalcogenide glassy alloys	DST-SERB-CRG	Bhattacharya,S., Dr. (M) Siliguri Institute Of Technology P.O: Sukna, Hill Cart Road, Siliguri Darjeeling - 734 009 West Bengal	33.56	36
4304	Investigations of new lead free perovskite materials for solar cells	DST-SERB-CRG	Singh,P., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	38.09	36
4305	Ion induced modification of the nanostructured materials and tuning of surface wetting property	DST-SERB-CRG	Chatterjee,S., Dr. (M) Indian Institute of Technology (Bhubaneswar) Jatni, Khordha Bhubaneswar - 752 050 Odisha	44.55	36
4306	Ionization and capture cross sections for electron removal from atoms/bio-molecules by bare and dressed ion impact	DST-SERB-CRG	Purkait,M., Dr. (M) Ramakrishna Mission Residential College Narendrapur Kolkata - 700 103 West Bengal	24.62	36
4307	Large unit cell materials with intrinsically low thermal conductivity for thermoelectric applications	DST-SERB-CRG	Soni,A., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	47.12	36
4308	Magneto-elastic interaction and phase transition in hexagonal manganites RMnO ₃	DST-SERB-CRG	Dutta,K., Dr. (M) Handique Girls College Panbazar, Dighali Pukhuri, Kamrup Guwahati - 781 001 Assam	18.44	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4309	Metal Organic Framework (MOF) based fluorescence-SPR dual mode sensing platform for explosive detection	DST-SERB-CRG	Sarkar, S., Dr. (F) CSIR-Central Scientific Instruments Organization Sector-30 Chandigarh - 160 030 Chandigarh	28.24	36
4310	Modeling and simulation of futuristic carbon nanotube devices	DST-SERB-CRG	Shah, K.A., Dr. (M) Sri Pratap College M.A. Road Srinagar - 190 001 Jammu & Kashmir	32.84	36
4311	Modeling and simulations of Supernovae type Ia light curves: Connecting observations with theory	DST-SERB-CRG	Gupta, S., Dr. (M) G.D. Goenka University Goenka Education City, Sohna Road Gurgaon - 122 103 Haryana	22.81	36
4312	Models of unification and physics beyond the Standard model	DST-SERB-CRG	Pal, P.B., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	35.24	36
4313	Molecular detection of pollutant by SERS	DST-SERB-CRG	Mahalingam, U., Dr. (M) Mother Teresa Women's University Dindigul - 624 101 Tamil Nadu	18.41	36
4314	Molecular self-assembly and intercalation dynamics in inorganic-organic hybrid composites: In-situ monitoring of excitons	DST-SERB-CRG	Prakash, G.V., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	17.75	36
4315	Molecular structure - nonlinear optical property relationships for a series of Donor/Acceptor (D/A) substituted π -conjugated chalcone derivatives: A combined experimental and theoretical studies	DST-SERB-CRG	Patil, P.S., Dr. (M) K.L.E Institute of Technology Gokul, Hubballi Dharwad - 580 030 Karnataka	28.74	36
4316	Moving beyond the folds: Design of DNA origamis as breadboard mimicking scaffolds and their interactions with nanoparticles through SERS	DST-SERB-CRG	Chowdhury, J., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	60.91	36
4317	Multi-nucleon transfer reaction dynamics and its effect on fusion near the coulomb barrier for medium mass nuclei	DST-SERB-CRG	Mandal, S.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	41.75	36
4318	Multiparticle entanglement, nonlocality and quantum information processing- analysing the role and applications of statistical correlations	DST-SERB-CRG	Kumar, A., Dr. (M) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	19.51	36
4319	Multiple exciton harvesting at zero-dimensional/two-dimensional (ZnO/MoS ₂) - polymer heterostructures	DST-SERB-CRG	Karthikeyan, B., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67, Tiruchirappalli - 620 015 Tamil Nadu	43.25	36
4320	Multiscale modeling and simulation of complex plasma dynamics during high power millimeter wave breakdown	DST-SERB-CRG	Chaudhury, B., Dr. (M) Dhirubhai Ambani Institute of Information Communication Technology Post Box No. 4, Gandhinagar - 382 007 Gujarat	21.60	36
4321	Nanostructured electrolyte materials for Low Temperature Solid Oxide Fuel Cell (LT-SOFC)	DST-SERB-CRG	Pati, R.K., Dr. (M) Pandit Deendayal Petroleum University Raisan Gandhinagar - 382 007 Gujarat	29.94	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4322	Neutrino mass, lepton number violation, baryogenesis, dark matter and related cosmology within beyond standard model frameworks	DST-SERB-CRG	Das,M.K., Dr. (M) Tezpur University District. Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	21.97	36
4323	New physics prospects in view of recent results from flavour sector	DST-SERB-CRG	Mohanta,R., Dr. (F) Hyderabad University Hyderabad - 500 046 Telangana	23.83	36
4324	Novel route for obtaining free-standing and flexible MoS ₂ thin films with enhanced piezoelectric properties	DST-SERB-CRG	Hussain,S., Dr. (F) UGC-DAE Consortium for Scientific Research Kokilamedu Kalpakkam - 603 104 Tamil Nadu	37.38	36
4325	Phase transition studies of Ga doped Ge ₂ Sb ₂ Te ₅ thin films for data storage applications	DST-SERB-CRG	Thakur,A., Dr. (M) Panjab University NH 64, Urban Estate Phase II Patiala - 147 002 Punjab	26.75	36
4326	Physics at the large hadron collider	DST-SERB-CRG	Bandyopadhyay,P., Dr. (M) Indian Institute of Technology (Hyderabad) Ordinance Factory Estate Yeddumailaram - 502 205 Telangana	31.45	36
4327	Probing the phase space structure of the Milky Way's dark matter halo with the galaxy's rotation curve data out to ~ 200 kpc	DST-SERB-CRG	Bhattacharjee,P., Dr. (M) Saha Institute of Nuclear Physics Sector-1, Block-Af, Bidhan Nagar Kolkata - 700 064 West Bengal	8.24	36
4328	Probing the role of phase fluctuations in Nb-Cu nanocomposite thin films by magnetic penetration depth studies	DST-SERB-CRG	Bose,S., Dr. (F) Centre for Excellence in Basic Sciences UM-DAE, Health Centre,Vidyanagari Campus, Kalina, Santacruz Mumbai - 400 098 Maharashtra	41.78	36
4329	Process development of thin film solar cells from abundant and non-toxic materials	DST-SERB-CRG	Singh,U.P., Dr. (M) Kalinga Institute of Industrial Technology University Chandrasekharapur Bhubaneswar - 751 024 Odisha	20.71	36
4330	Pulsed laser deposition grown thin/thick film of LiV ₃ O ₈ nanorods for lithium metal battery applications	DST-SERB-CRG	Ayyasamy,S., Dr. (F) Karunya University Karunya Nagar Coimbatore - 641 114 Tamil Nadu	44.36	36
4331	Pulsed laser deposition of large area monolayer/ Few layers of 2D Transition Metal Dichalcogenides (TMDs) for TFT applications	DST-SERB-CRG	Reshmi,R., Dr. (F) Union Christian College Aluva Ernakulam - 683 102 Kerala	14.52	36
4332	Quantum dynamical study of low-energy electron collision with molecules and radicals having relevance to plasma and astrophysics	DST-SERB-CRG	Dora,A.K., Dr. (M) North Orissa University Sriram Chandra Vihar, Takatpur, Mayurbhanj Baripada - 757 003 Odisha	11.11	36
4333	Quantum gate and generation of non-classical states using spin-chain at the metal-dielectric interface	DST-SERB-CRG	Dasgupta,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	21.81	36
4334	Quantum simulations	DST-SERB-CRG	Patel,A.D., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	25.46	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4335	Quantum transport in mesoscale and nanoscale systems: Open problems and challenges	DST-SERB-CRG	Maiti,S.K., Dr. (M) Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata - 700 108 West Bengal	18.61	36
4336	Radiation stability of nano-structured ceramics for nuclear reactor applications	DST-SERB-CRG	Kulriya,P.K., Dr. (M) Inter University Accelerator Centre Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	29.77	36
4337	Realization of oxide based solar cells: Glass-Mo/Cu ₂ O/CuO/ZnO/Al-ZnO/ITO heterojunction solar cell with improved performance	DST-SERB-CRG	Pal,A.K., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	52.85	36
4338	Realization of topological phases using Van-der Waals heterostructures	DST-SERB-CRG	Das,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	56.10	36
4339	Realization of ultra-strong coupling in a circuit Quantum Electrodynamics (QED) setup	DST-SERB-CRG	Singh,V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	46.20	24
4340	Regularization of singularities and development of instabilities in fluids and plasmas	DST-SERB-CRG	Krishnaswami,G.S., Dr. (M) Chennai Mathematical Institute H1, Sipcot IT Park, Siruseri, Kelambakkam Chennai - 603 103 Tamil Nadu	22.48	36
4341	Relativistic, magnetic and dynamical astrophysics	DST-SERB-CRG	Mangalam,A., Dr. (M) Indian Institute of Astrophysics ii Block, Kormangala Bengaluru - 560 034 Karnataka	24.96	36
4342	Remote activation of shape memory effect in polyurethane-graphene nanocomposites	DST-SERB-CRG	Uttamchand,N.K., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	29.19	36
4343	Robust supercapacitive performance of polymeric matrix, nanoscale organic and inorganic filler reinforced nanohybrid electrode materials for battery replacement	DST-SERB-CRG	Choudhary,R.B., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	29.91	36
4344	Role of functionalised porous nitrogen doped graphene layer in CO ₂ capture : A density functional study	DST-SERB-CRG	Deshpande,M.D., Dr. (F) H.P.T. Arts & R.Y.K. Science College Ghokhale Education Society's T.A. Kulkarni Nagar Nasik - 420 005 Maharashtra	20.74	36
4345	Search for quadrupole and octupole collectivity in nuclei of mass a ~ 150 region	DST-SERB-CRG	Chamoli,S.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	23.14	36
4346	Semi-leptonic, radiative and non-leptonic rare B decays in the light front quark model	DST-SERB-CRG	Dahiya,H., Dr. (F) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	18.85	36
4347	Solar light driven, bulk and nanostructured oxygen deficient perovskites for efficient dye degradation and industrial waste water treatment applications	DST-SERB-CRG	Singh,S., Dr. (F) Anna University Guindy Chennai - 600 025 Tamil Nadu	37.69	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4348	Spin injection, interaction and manipulation in puckered 2D materials: Designing materials for nano-spintronics	DST-SERB-CRG	Kabir,M., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	25.30	36
4349	Spin-driven ferroelectricity in noncentrosymmetric metal oxides	DST-SERB-CRG	Majumdar,S., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	37.80	36
4350	Stability analysis of astrophysical complex plasmas	DST-SERB-CRG	Karmaker,P.K., Dr. (M) Tezpur University Ditistr. Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	16.94	36
4351	Statistical mechanics of biopolymers in confined geometry	DST-SERB-CRG	Singh,N., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	23.42	36
4352	Structure and properties of nematic liquid crystal colloids in confined geometry: Theory, computer simulation and experiment	DST-SERB-CRG	Mishra,P., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	23.36	36
4353	Studies of spin orbit interaction of light in optical tweezers	DST-SERB-CRG	Banerjee,A., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	40.98	36
4354	Studies on (i) cross sections of nuclear reactions induced by 14 MeV neutrons for formation of medical radioisotopes and (iii) design and development of fast neutron detectors	DST-SERB-CRG	Dhole,S.D., Dr. (M) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	44.09	36
4355	Studies on fast switching and low operating vertically aligned liquid crystal lying on capillary convective self assembled opal crystals for flexible display	DST-SERB-CRG	Kumar,P., Dr. (M) Chitkara University NH-64, Village Jhansla Rajpura - 140 401 Punjab	20.68	36
4356	Studies on light induced heating in upconversion nanoparticles and their optimization for the use as photo-acoustic contrast agent	DST-SERB-CRG	Kumar,K., Dr. (M) Indian Institute of Technology (Dhanbad) Sardar Patel Nagar Dhanbad - 826 004 Jharkhand	34.10	36
4357	Study of fusion-fission properties of heavy and super heavy Nuclei	DST-SERB-CRG	Behera,B.R., Dr. (M) Panjab University Sector-14 Chandigarh - 160 014 Chandigarh	29.70	36
4358	Study of glass and anti-glass phase co-existence and transitions in Tellurite systems	DST-SERB-CRG	Khanna,A., Dr. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	28.60	36
4359	Study of lepton flavor violating (U-E) conversion process	DST-SERB-CRG	Chaturvedi,K., Dr. (M) Bundelkhand University Jhansi - 284 128 Uttar Pradesh	21.41	36
4360	Study of light modulation, optical shuttering and light filtering action in hydrogen bonded liquid crystals	DST-SERB-CRG	Mohan,M., Dr. (M) Bannari Amman Institute of Technology Alathukombai Post, Sathyamangalam Erode - 638 401 Tamil Nadu	21.27	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4361	Study of microalloying effects on the atomic-level structure, dynamics, glass formation and physical properties of Zr-based bulk metallic glass-forming alloys	DST-SERB-CRG	Lad,K.N., Dr. (M) Sardar Patel University Anand Vallabh Vidyanagar - 388 120 Gujarat	22.44	36
4362	Study of perturbing two body resonances in a three body system and finite range study of knockout reactions	DST-SERB-CRG	Jain,A.K., Dr. (M) Bhabha Atomic Research Centre Trombay Mumbai - 400 085 Maharashtra	21.92	36
4363	Study of the abundance and characteristics of interstellar dust	DST-SERB-CRG	Gogoi,R., Dr. (F) Tezpur University District. Sonitpur, P.B. No. 72, Napaam Tezpur - 784 011 Assam	19.66	36
4364	Study of the coupling between magnetic and dielectric properties in some magnetic ordering induced multiferroic materials	DST-SERB-CRG	Chattoopadhyay,B., Dr. (F) Lady Brabourne College P-1/2, Suhrawardy Avenue Kolkata - 700 017 West Bengal	57.95	36
4365	Study of the heavy flavour observables for an indirect detection of physics beyond the standard model	DST-SERB-CRG	Nandi,S., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	23.21	36
4366	Study on magnetocaloric properties of rare-earth based thin film alloys for environment friendly magnetic refrigeration	DST-SERB-CRG	Chandrasekaran,G., Dr. (M) S.R.M. University Hospital Road, Potheri, Kanchipuram Kattankulathur - 603 203 Tamil Nadu	21.23	36
4367	Study on organic spin valve structure for sensor application	DST-SERB-CRG	Dhandapani,D., Dr. (F) P.S.G. College of Technology Peelamedu Coimbatore - 641 004 Tamil Nadu	21.50	36
4368	Study the dynamical evolution of spin and valley related many particle electronic states in two dimensional transition metal dichalcogenides using ultrafast time-resolved spectroscopy	DST-SERB-CRG	Pal,S.K., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	35.01	36
4369	Studying the physics of interfacial excitons in n-ZnO/ p-GaN heterojunctions EN route to exploring the prospect of these heterojunctions for Ultraviolet (UV) light emitters and detectors	DST-SERB-CRG	Dhar,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	40.71	36
4370	Substrate supported transition metal doped alkaline earth clusters as hydrogen storage materials and their applications in hydrogen fuel cell	DST-SERB-CRG	Bandyopadhyay,D., Dr. (M) Birla Institute of Technology & Science (Pilani) Jhunjhunu Pilani - 333 031 Rajasthan	20.57	36
4371	Synthesis and characterization of composites of Polypyrrole (PPy)- with Carbon Nanotube (CNT) and graphene for thermoelectric applications	DST-SERB-CRG	Banerjee,D., Dr. (F) Indian Institute of Engineering Science & Technology P.O.: Botanic Garden, Shibpur Howrah - 711 103 West Bengal	33.71	36
4372	Terahertz spectroscopic investigations on oxygen adsorption-desorption effects in nanoporous ZnO films for visible-blind UV photodetection	DST-SERB-CRG	Mavani,K.R., Dr. (F) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	42.90	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4373	The role of polarization observables at LHC/ILC and search for exotic long-lived colored scalars at LHC	DST-SERB-CRG	Singh,R.K., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia Mohanpur - 741 246 West Bengal	24.60	36
4374	Theoretical investigations of quantum criticality in single impurity and lattice model Hamiltonians	DST-SERB-CRG	Sudhindra,V.N., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	27.61	36
4375	Theoretical studies on bound and resonance states of positronic atoms embedded in plasma	DST-SERB-CRG	Ghoshal,A., Dr. (M) Burdwan University DDE Complex, Golapbag, Post: Rajbati Burdwan - 713 104 West Bengal	9.76	36
4376	Theoretical study and analysis of hollow core photonic crystal fiber for the application of gas sensor	DST-SERB-CRG	Gangopadhyay,T.K., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	30.08	36
4377	Thermoablation mechanism in core-shell nanoparticles with highly magnetic FeCo core	DST-SERB-CRG	Joseyphus,R.J., Dr. (M) National Institute of Technology (Tiruchirappalli) Tanjore Main Road, National Highway 67 Tiruchirappalli - 620 015 Tamil Nadu	20.06	36
4378	Three dimensional iron oxide nanoarchitectures: Preparation, processing and its application in solar hydrogen generation via PEC water splitting	DST-SERB-CRG	Rajendran,R., Dr. (M) Periyar University Periyar Palkalai Nagar Salem - 636 011 Tamil Nadu	24.45	36
4379	Time dependent linear and nonlinear response properties of atomic systems: Effect of classical and quantum plasma environment and spatial confinement.	DST-SERB-CRG	Mukherjee,P.K., Dr. (M) Acharya Prafulla Chandra College New Barrackpore, North 24 Parganas Kolkata - 700 131 West Bengal	23.54	36
4380	To design and develop a novel spin controlled chiral quantum dot DNA bio-sensor.	DST-SERB-CRG	Mishra,D., Dr. (M) Delhi University Delhi - 110 007 Delhi	17.71	36
4381	Transformative approaches for design and development of 2-D carbon photovoltaics	DST-SERB-CRG	Shanmugam,M., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Amrita Centre for Nanosciences & Molecular Medicine, Ernakulam Kochi - 682 041 Kerala	36.00	36
4382	Understanding of growth of vertically aligned nanowires or nanotubes of Binary oxides and Physics of isotopic fractionation of gases by them	DST-SERB-CRG	Saha,B.G., Dr. (F) S.N. Bose National Centre for Basic Sciences Block - JD, Sector-III, Salt Lake, Parganas Kolkata - 700 098 West Bengal	44.49	36
4383	Understanding the physical conditions of Baryons outside of galaxies in the low redshift universe	DST-SERB-CRG	Narayanan,A., Dr. (M) Indian Institute of Space Science & Technology Valiamala Road Thiruvananthapuram - 695 547 Kerala	16.04	36
4384	Utilization of agricultural waste as an electrode material for energy storage devices	DST-SERB-CRG	Gaur,A., Dr. (M) National Institute of Technology (Kurukshetra) Thanesar Kurukshetra - 136 119 Haryana	41.49	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4385	Van der Waals superconducting circuits operating at elevated temperatures & magnetic fields	DST-SERB-CRG	Thalakulam,M., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Computer Science Building, College of Engineering Thiruvananthapuram - 695 016 Kerala	56.95	36
4386	Well growth ZnO nano rods used to fabricate LSPR based optical fiber sensor to detect automobile fuel	DST-SERB-CRG	Singh,V.K., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	20.74	36
4387	W-leds and glass ceramics by Dy ³⁺ sensitized Eu ³⁺ /Sm ³⁺ doped aluminoborosilicate glasses	DST-SERB-CRG	Kamath,S.D., Dr. (F) Manipal Academy of Higher Education Udupi Manipal - 576 104 Karnataka	42.70	36
4388	A novel non-perturbative approach for understanding heavy-ion collisions	DST-SERB-ECRA	Mukhopadhyay,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	9.02	36
4389	A systematic investigation on 2D transition metal carbides (MXene: A graphene analogous): Electrochemical studies and application for the fabrication of flexible electrochemical biosensors	DST-SERB-ECRA	Nayak,P., Dr. (F) CSIR-Central Electrochemical Research Institute Karaikudi Sivagangai - 630 003 Tamil Nadu	27.17	36
4390	Band gap tuning of absorber layer and buffer layer for eco-friendly sol-gel processed Cu ₂ ZnSnS ₄ (CZTS) solar cells	DST-SERB-ECRA	Clair,A.S., Dr. (M) Rajasthan University J.L.N. Marg Jaipur - 302 005 Rajasthan	38.21	36
4391	Characterization and applications of tailored attosecond pulses: A theoretical study	DST-SERB-ECRA	Dixit,G., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	44.18	36
4392	Cohomology classes of suspension of generalised projective Stiefel manifold and application	DST-SERB-ECRA	Subhash, Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O. Mangalam Tirupati - 517 507 Andhra Pradesh	14.63	36
4393	Complementary probes of self-interacting dark matter models	DST-SERB-ECRA	Rentala,V., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	28.12	36
4394	Complete theoretical analysis of d+γ→n+p	DST-SERB-ECRA	Shilpashree,S.P., Dr. (F) Christ University Faculty of Engineering, Mysore Road, Post Kumbalgodu Bengaluru - 560 074 Karnataka	10.95	36
4395	Complex (anti) ferroic oxides: Atomistic simulations of statics and dynamics at finite temperatures	DST-SERB-ECRA	Mani,B.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	22.01	36
4396	Computational study on multi-dimensional Stefan problems in biological tissues based on non-fourier heat transfer model using mesh-free method	DST-SERB-ECRA	Kumar,S., Dr. (M) Sardar Vallabhbhai National Institute of Technology Ichchhanath Surat - 395 007 Gujarat	16.21	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4397	Construction of a combined recoil ion momentum and electron energy spectrometer to study collision induced excitation and fragmentation of molecules and clusters	DST-SERB-ECRA	Kelkar,A.H., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	52.80	36
4398	Contractivity and complete contractivity for finite dimensional Banach spaces and curvature inequalities of the corresponding cowen-douglas bundle	DST-SERB-ECRA	Pal,A., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	19.97	36
4399	Convective instabilities in double diffusive systems	DST-SERB-ECRA	Ragoju,R., Dr. (M) National Institute of Technology (Goa) Farmagudi Ponda - 403 401 Goa	16.90	36
4400	Design & optimization of performance parameters of hybrid capacitors using graphene (nano-carbons)/ metal-oxide nano-composites electrodes with sodium ion based electrolytes	DST-SERB-ECRA	Kumar,Y., Dr. (M) Atma Ram Sanatan Dharma College Dhaura Kuan New Delhi - 110 021 Delhi	21.59	36
4401	Design and fabrication of plasmonic light harvesting nano-devices	DST-SERB-ECRA	Rao,M., Dr. (M) Indian Association for the Cultivation of Science 2a & 2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	42.16	36
4402	Designing novel materials for exploring magnetic skyrmions at room temperature	DST-SERB-ECRA	Nayak,A.K., Dr. (M) National Institute of Science Education & Research P.O. Sainik School, Khurd Bhubaneswar - 751 005 Odisha	39.13	36
4403	Development and characterization of an ECR plasma thruster	DST-SERB-ECRA	Sahu,D., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	44.71	36
4404	Development and experimental study of hollow core photonic crystal fibers for efficient laser beam delivery in the infrared region for medical and micromachining applications	DST-SERB-ECRA	Ghosh,D., Dr. (F) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	29.15	36
4405	Development of an efficient numerical method for solving stochastic partial differential equation and its application to turbulent flow analysis	DST-SERB-ECRA	Ray,R.K., Dr. (M) Indian Institute of Technology (Mandi) VPO Kamand, Tehsil Sadar, Parashar Road Mandi - 175 005 Himachal Pradesh	20.10	36
4406	Development of an electrospray-ionization based ion-trap setup for first measurements of absolute photodetachment cross sections of molecular anions of biological relevance	DST-SERB-ECRA	Kumar,S.S., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Rami Reddy Nagar, Karakambadi Road, P.O.Mangalam Tirupati - 517 507 Andhra Pradesh	54.41	36
4407	Development of carbon quantum dots-based hydrogen production catalysts	DST-SERB-ECRA	Hareesh,K., Dr. (M) Reva University Rukmini Knowledge Park, Kattigenahalli, Yelahanka Bengaluru - 560 064 Karnataka	19.98	36
4408	Development of diamond quantum microscope for nanoscale sensing at high pressure	DST-SERB-ECRA	Peddibhotla,P.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	37.79	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4409	Development of flexible and hybrid monolithic perovskite solar cells by integrating with multi-functional chalcogenide layers for high performance	DST-SERB-ECRA	Bhat,T.N., Dr. (M) Mangalore University Mangalore - 574 199 Karnataka	27.24	36
4410	Development of graphene metal oxide and conducting polymer based ternary nanocomposites for supercapacitor applications	DST-SERB-ECRA	Upadhyay,J., Dr. (M) Dakshin Kamrup College Mirza, Kamrup Guwahati - 781 125 Assam	19.48	36
4411	Development of high photoresponsivity gallium nitride-based Metal/ Insulator/ Semiconductor (MIS) schottky barrier ultraviolet photodetectors	DST-SERB-ECRA	Reddy,N.K., Dr. (M) Madanapalle Institute of Technology & Science Post Box No. 14, Angallu, Madanapalle Chittoor - 517 325 Andhra Pradesh	43.90	36
4412	Development of lead-free all-inorganic halide perovskites embedded silica nanomatrix for bioimaging applications	DST-SERB-ECRA	Thangaraju,D., Dr. (M) P.S.G. Institute of Technology & Applied Research Salem, Neelambur Coimbatore - 641 062 Tamil Nadu	48.95	36
4413	Development of multi-modal non-invasive imaging technique for compact computerized tomography scanning system using non-linear sparse data Algorithm	DST-SERB-ECRA	Goswami,M., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	54.99	36
4414	Development of SERS based sensor using graphene-metal nanoparticles hybrid structures for detection of pesticides	DST-SERB-ECRA	Koppole,K., Dr. (F) Madanapalle Institute of Technology & Science Post Box No. 14, Angallu, Madanapalle Chittoor - 517 325 Andhra Pradesh	46.64	36
4415	Development of stable lead-free perovskite material for solar cell application	DST-SERB-ECRA	Saha,S.K., Dr. (M) Diamond Harbour Women's University Diamond Harbour Road, 24 South Parganas Sarisha - 743 368 West Bengal	45.50	36
4416	Diffraction vector meson production at HERA using a holographic AdS/ QCD approach	DST-SERB-ECRA	Neetika, Dr. (F) I.K. Gujral Punjab Technical University Near Pushpa Gujral Science City, Ibban, Kapurthala - 144 603 Punjab	18.92	36
4417	Efficient Algorithms for computing equilibria in games on networks	DST-SERB-ECRA	Bhaskar,U., Dr. (M) Tata Institute of Fundamental Research Dr. Homi Bhabha Road, Colaba Mumbai - 400 005 Maharashtra	9.39	36
4418	Emergent phenomena in frustrated magnets and Heusler materials	DST-SERB-ECRA	Khuntia,P., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	42.20	36
4419	Evaluation of intrinsic piezoelectric coefficients and strain engineering near the morphotropic phase boundary in Pb-free oxides	DST-SERB-ECRA	Mandal,P., Dr. (M) S.R.M. University Neerukonda, Mangalagiri Mandal Guntur - 522 502 Andhra Pradesh	48.79	36
4420	Exotic non-abelian edge states at FQHE-superconductor interfaces: Microscopic modeling	DST-SERB-ECRA	Ganeshjaya,S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	35.05	36
4421	Exploring the magnetocaloric properties of bulk ceramics, nanocrystalline and thin films of manganese doped rare-earth orthochromites	DST-SERB-ECRA	Panwar,N., Dr. (M) Central University of Rajasthan NH 8, Bandar Sindri Ajmer - 305 817 Rajasthan	44.26	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4422	Flexible and surface tailored graphene based derivatives as toxic gas/ vapor	DST-SERB-ECRA	Kalita,H.K., Dr. (M) Gauhati University Gopinath Bordoloi Nagar Guwahati - 781 014 Assam	48.27	36
4423	Fluid dynamical aspects in nucleation of laser produced nanoparticles in liquids	DST-SERB-ECRA	Nath,A., Dr. (F) National Institute of Technology (Meghalaya) Bijni Complex, Laitumkhrach Shillong - 793 003 Meghalaya	51.67	36
4424	Generation, imaging and control of novel coherent electronic states in artificial ferromagnetic-superconducting hybrid structures and devices	DST-SERB-ECRA	Ray,S.J., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	48.10	36
4425	Geometry of warped product light like submanifolds of semi-riemmanian manifolds	DST-SERB-ECRA	Kumar,S., Dr. (M) S.G.T.B. Khalsa College Anandpur Sahib, SH 22 Power Colony Rupnagar - 140 118 Punjab	14.70	36
4426	Hecke algebras associated to simple Bernstein blocks	DST-SERB-ECRA	Mishra,M.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	21.85	36
4427	Hierarchical assembly of hybrid anisotropic nanobuilding blocks and their rheological properties	DST-SERB-ECRA	Srivastava,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	50.68	36
4428	High performance microsupercapacitors based on vertically standing NiCo ₂ S ₄ / Graphene arrays with insights from operando Raman spectroscopy investigations and DFT studies	DST-SERB-ECRA	Rout,C.S., Dr. (M) Jain University 45 KM, NH -209, Jakkasandra Post Bengaluru - 562 112 Karnataka	41.98	36
4429	Hilbert polynomials associated to derived functors of torsion functor	DST-SERB-ECRA	Kadu,G.S., Dr. (M) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	6.42	36
4430	Investigating the synergistic effect of 2-D sheet like nanostructuring and alien material incorporation for improved supercapacitor electrode performance of metal chalcogenides	DST-SERB-ECRA	Gangwar,J., Dr. (M) R.P.S. Degree College Balana, Satnali Road Mahendragarh - 123 029 Haryana	18.24	36
4431	Investigation of accelerating universe and dark sector interactions	DST-SERB-ECRA	Bhattacharya,S., Dr. (F) Presidency University 86/1 College Street Kolkata - 700 073 West Bengal	16.69	36
4432	Investigation of novel heusler alloy thin films for energy and spintronic applications	DST-SERB-ECRA	Pandey,H., Dr. (M) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 307 Uttar Pradesh	47.30	36
4433	Investigations on nonlinear optical properties of 4-methoxybenzylamine metal complexes	DST-SERB-ECRA	Kumaran,S., Dr. (F) SASTRA University Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	20.23	36
4434	Investigations on thin films of discotic liquid crystal molecules for applications in organic electronics	DST-SERB-ECRA	Nayak,A., Dr. (F) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	40.70	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4435	Lattice effects in strongly correlated electron systems at extreme conditions	DST-SERB-ECRA	Manna,R.S., Dr. (M) Indian Institute of Technology (Tirupati) Departmane of Physics, Renigunta Road, Post Settipalli Chittoor - 517 506 Andhra Pradesh	48.53	36
4436	Linear complementarity problems over the cone of completely positive matrices	DST-SERB-ECRA	Arumugasamy,C., Dr. (M) Central University of Tamil Nadu Thiruvallur - 610 001 Tamil Nadu	21.23	36
4437	Machine learning driven new physics probes through novel kinematic and substructure variables	DST-SERB-ECRA	Thalapillil,A.M., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	24.34	36
4438	Manipulation of quantized conductance for multilevel atomic-scale devices using confined redox-phenomenon	DST-SERB-ECRA	Krishnan,K., Dr. (M) CSIR-Central Electrochemical Research Institute Sivaganga Karaikudi - 630 003 Tamil Nadu	48.00	36
4439	Minimizing hysteresis in magnetic shape memory Heusler alloys for reversible magnetocaloric effect	DST-SERB-ECRA	Singh,S., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	48.40	36
4440	Modeling self-assembly and phase separation kinetics in the complex soft materials	DST-SERB-ECRA	Singh,A.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	46.54	36
4441	Molecular spintronics using magnetic van der waals heterostructures	DST-SERB-ECRA	Datta,S., Dr. (M) Indian Association for the Cultivation of Science 2a &2b, Raja Subodh Chandra Mullick Road Kolkata - 700 032 West Bengal	51.86	36
4442	Nanostructured Nasicon, eldfellite and layered oxides as potential cathod materials for Na-ion batteries	DST-SERB-ECRA	Salame,P.H., Dr. (M) Institute of Chemical Technology Nathalal Parekh Marg, Matunga East Mumbai - 400 019 Maharashtra	27.09	36
4443	Near horizon structure of black holes	DST-SERB-ECRA	Bhattacharjee,S., Dr. (M) Indian Institute of Information Technology Devghat, Jhalwa Allahabad - 211 012 Uttar Pradesh	19.77	36
4444	Neuronal system exhibiting criticality at different organizational level: Origin and implications	DST-SERB-ECRA	Yadav,A.C., Dr. (M) Central University of Jammu 8/8, Trikuta Nagar Jammu - 180 012 Jammu & Kashmir	54.64	36
4445	New class of probability distributions and associated inferences	DST-SERB-ECRA	Sharma,V.K., Dr. (M) Institute of Infrastructure Technology Research & Management Near Khokhara Circle, Maninagar East Ahmedabad - 380 026 Gujarat	19.54	36
4446	Non local elliptic partial differential equations	DST-SERB-ECRA	Goyal,S., Dr. (F) Bennett University Plot No. 8-11, Techzone II Greater Noida - 201 310 Uttar Pradesh	11.00	36
4447	Nonlinear rheology of dense colloidal suspensions	DST-SERB-ECRA	Priya,M., Dr. (F) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	22.45	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4448	Non-local quantum transport, confinement and correlation in weyl semimetals	DST-SERB-ECRA	Kundu,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	24.59	36
4449	Numerical and theoretical investigation of different states of turbulence in counterflow superfluid turbulence in a channel	DST-SERB-ECRA	Mishra,P.K., Dr. (M) Indian Institute of Technology (Guwahati) Near DouL Gobinda Road, Amingaon Guwahati - 781 039 Assam	21.82	36
4450	On spanning trees - Generalizations and variants (Theory & Algorithms)	DST-SERB-ECRA	Narasimhan,S., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Kancheepuram, Melakottaiyur Village, Off Vandalur-Kelambakkam Road Chennai - 600 127 Tamil Nadu	17.40	36
4451	Ordered classification rules for observations into several correlated normal, elliptic, von mises-fisher and multivariate t-populations	DST-SERB-ECRA	Jana,N., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	16.74	36
4452	Parameter uniform numerical analysis for singularly perturbed differential equations based on mesh adaptivity	DST-SERB-ECRA	Das,P., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	24.27	36
4453	Participation in searches for new physics at the Belle II experiment	DST-SERB-ECRA	Kumar,R., Dr. (M) Punjab Agricultural University Ludhiana - 141 004 Punjab	20.11	36
4454	Particle dark matter beyond the WIMP paradigm: Model building and phenomenological studies	DST-SERB-ECRA	Borah,D., Dr. (M) Indian Institute of Technology (Guwahati) Amingaon, Kamrup Guwahati - 781 039 Assam	21.38	36
4455	Performance and evaluation of high energy electron irradiation on metal oxide reduced graphene oxide composite for supercapacitor and biosensor applications	DST-SERB-ECRA	Lohar,G.M., Dr. (M) Lal Bahadur Shastri College of Arts, Science and Commerce 491/A, Guruwar Peth Satara - 415 002 Maharashtra	21.68	36
4456	Perovskite nanocrystals, low dimensional perovskite analogues and their application for highly efficient multilayer solution processed electroluminescent devices	DST-SERB-ECRA	Perumal,A.K., Dr. (M) Indian Institute of Science Education & Research (Berhampur) Berhampur Engineering School Road, Ganjam Berhampur - 760 010 Odisha	52.76	36
4457	Perpendicularly polarized spin transport in semiconductors: An investigation using electrical spin injection and detection	DST-SERB-ECRA	Tudu,B., Dr. (F) Jadavpur University Kolkata - 700 032 West Bengal	40.19	36
4458	Phenomenology with exotic particles - probing physics beyond the standard model at the large hadron collider	DST-SERB-ECRA	Mitra,S., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	25.04	36
4459	Photo induced excess charge mediated fluoride ion filtration	DST-SERB-ECRA	Bingi,J., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Melakottaiyur Village, Kancheepuram, Chennai - 600 127 Tamil Nadu	23.75	30
4460	Photonic quantum information processing: Classical implementation and quantum memory	DST-SERB-ECRA	Goyal,S.K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	24.09	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4461	Photo-rechargeable organo halide perovskite-transition metal dichalcogenide batteries	DST-SERB-ECRA	Ahmad,S., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	48.98	36
4462	Possibilities and device applications of degenerate optical microcavities	DST-SERB-ECRA	Ghosh,S., Dr. (M) Indian Institute of Technology (Jodhpur) Old Residency Road, Ratanada Jodhpur - 342 011 Rajasthan	34.89	36
4463	Probing charge transport in molecular junctions with impedance spectroscopy and transition voltage spectroscopy approach	DST-SERB-ECRA	Mukhopadhyay,S., Dr. (M) S.R.M. University Neerukonda, Mangalagiri Mandal Guntur - 522 502 Andhra Pradesh	48.31	36
4464	Probing inter-layer coupling in engineered van der Waals heterostructures	DST-SERB-ECRA	Chandni,U., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	42.65	36
4465	Quantum dot circuit - Quantum electrodynamics systems: Fundamental aspects and device applications	DST-SERB-ECRA	Kulkarni,M.S., Dr. (M) Tata Institute of Fundamental Research International Cente for Theoretical Sciences, Survey No. 151, Shivakote, Hesaraghatta, Hubli Bengaluru - 560 089 Karnataka	21.77	36
4466	Quantum spin liquids and non-fermi liquid metals	DST-SERB-ECRA	Bhattacharjee,S., Dr. (M) Tata Institute of Fundamental Research International Centre for Theoretical Sciences, Survey No. 151, Hesaraghatta, Hubli Bengaluru - 560 089 Karnataka	22.88	36
4467	Quantum synchronization: Theory and applications	DST-SERB-ECRA	Vinjanampathy,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	31.61	36
4468	Quantum transport studies of topological semimetals	DST-SERB-ECRA	Kumar,D., Dr. (M) UGC-DAE Consortium for Scientific Research Khandwa Road, Near IT Park, Bhavarkuan Indore - 452 001 Madhya Pradesh	52.75	36
4469	Raising organic solar cell efficiency through systematic manipulation and control of film morphology and internal built-in potential with electrotopropic additives and electric field poling	DST-SERB-ECRA	Karak,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.90	36
4470	Reconfigurable magnetic vortices on curved surfaces	DST-SERB-ECRA	Thomas,S., Dr. (M) Cochin University of Science & Technology Kochi - 682 022 Kerala	54.27	36
4471	Scanning hall probe microscopy for high resolution, large area, variable height magnetic field imaging	DST-SERB-ECRA	Shaw,G., Dr. (M) Kalinga Institute of Industrial Technology University Chandrasekharapur Bhubaneswar - 751 024 Odisha	41.47	36
4472	Semitransparent Perovskite Solar Cells for Tandem and Building-Integrated Photovoltaic applications (SPSC-TBIPV)	DST-SERB-ECRA	Ghosh,D.S., Dr. (M) Indian Institute of Technology (Bhilai) GEC Campus, Sejbahar Raipur - 492 015 Chhattisgarh	55.77	36
4473	Silicon nanowire based radial P-N junction solar cells with high and stable efficiency at low-cost	DST-SERB-ECRA	Samanta,A., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	26.49	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4474	Structure/ microstructure-magnetotransport correlations in sputtered magnetically doped Bi ₂ Se ₃ topological insulator thin films	DST-SERB-ECRA	Kushvaha,S.S., Dr. (M) CSIR-National Physical Laboratory Dr. K.S. Krishnan Marg, Pusa Gate New Delhi - 110 012 Delhi	47.52	36
4475	Study of photo induced phase transitions and charge carrier dynamics across first order metal to insulator phase transition in the vanadium oxide variants	DST-SERB-ECRA	Shukla,D.K., Dr. (M) UGC-DAE Consortium for Scientific Research Devi Ahilya Vishwa Vidyalaya, Khandwa Road, Bhavarkuan Indore - 452 001 Madhya Pradesh	49.39	36
4476	Study of quantile based information theoretic measures on order and record statistics	DST-SERB-ECRA	Kumar,V., Dr. (M) Maharshi Dayanand University Rohtak - 124 001 Haryana	17.56	36
4477	Study of stochastic heat engines using active particles	DST-SERB-ECRA	Lahiri,S., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	21.49	36
4478	Superconductivity in artificial quantum materials	DST-SERB-ECRA	Middey,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	52.47	36
4479	Theoretical investigation of the multi-component condensates at zero and finite temperatures	DST-SERB-ECRA	Gautam,S., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	38.55	36
4480	Theoretical investigation on non-local transport of particles in sediment-laden turbulent flows using fractional diffusion equations	DST-SERB-ECRA	Kundu,S., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	15.52	36
4481	Thermalization, quantum chaos and many-body localization in interacting disordered systems	DST-SERB-ECRA	Banerjee,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	41.08	36
4482	Thermoelectric properties of carbon nanomaterials under pressure	DST-SERB-ECRA	Tiwari,A., Dr. (F) Sikkim University 6th Mile, P.O. Samdur, Tadong Gangtok - 737 102 Sikkim	52.76	36
4483	Thin film Skyrmion spin textures	DST-SERB-ECRA	Singh,V.R., Dr. (M) Central University of Kashmir Sonwar Srinagar - 190 004 Jammu & Kashmir	42.65	36
4484	Time dependent mean-field approach to many-body localized phase	DST-SERB-ECRA	Bera,S., Mr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	30.40	36
4485	Topological properties of Engel structures	DST-SERB-ECRA	Kulkarni,D., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore By-pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	19.38	36
4486	Two dimensional transition metal sulfides@ Co-Ni layered double-hydroxide composites as highly efficient supercapacitor electrodes	DST-SERB-ECRA	Kulkarni,S.B., Dr. (M) Tuljaram Chaturchand College of Arts, Science & Commerce Pune - 413 102 Maharashtra	35.87	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4487	Understanding fluctuation dynamos in galaxies and clusters	DST-SERB-ECRA	Sur,S., Dr. (M) Indian Institute of Astrophysics Kormangala Bengaluru - 560 034 Karnataka	9.72	36
4488	Understanding structural phase transition in pnictide superconductors using capacitance dilatometer	DST-SERB-ECRA	Nandi,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	51.88	36
4489	Understanding the electronic properties of iron based superconductors using pressure & strain effects	DST-SERB-ECRA	Das,S.D., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	54.40	36
4490	Valleytronics in gapped Dirac materials	DST-SERB-ECRA	Parida,P., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	35.46	36
4491	Van der waals heterostructures for non-volatile flash memory applications	DST-SERB-ECRA	Misra,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	41.91	36
4492	Velocity map photoelectron - photoion coincidence imaging spectrometer for VUV molecular physics	DST-SERB-ECRA	Niraghatam,B., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	50.60	24
4493	Water wave interaction with wave-absorbing breakwaters in the presence of uneven sea bottoms	DST-SERB-ECRA	Kaligatla,R., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	16.79	36
4494	Weak expectations: From a barycentric viewpoint	DST-SERB-ECRA	Bhattacharya,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Indore by- Pass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	18.92	36
4495	Atomic coherence induced non-linear optical processes in the ensembles of alkali atoms for various applications	DST-SERB-EMEQ	Kaur,P., Dr. (F) Guru Nanak Dev University Grand Trunk Road, Off NH 1 Amritsar - 143 005 Punjab	19.23	36
4496	Comparative studies on fullerene & non-fullerene acceptor for organic solar cells	DST-SERB-EMEQ	Devendrappa,H., Dr. (M) Mangalore University Dakshina Kannada Mangalore - 574 199 Karnataka	30.62	36
4497	Design & development of a solar thermal powered cooling system employing solar concentrator developed at SERL	DST-SERB-EMEQ	Mahavar,S., Dr. (F) Rajasthan University J.L.N.Marg Jaipur - 302 005 Rajasthan	43.39	36
4498	Development of a bio-e-skin for health care monitoring: Study the role of nanoscale piezoelectricity in biological species	DST-SERB-EMEQ	Mandal,D., Dr. (M) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64, S.A.S. Nagar Mohali - 160 062 Punjab	49.96	36
4499	Development of colloidal ZnO nanocrystal based transparent conducting oxide	DST-SERB-EMEQ	Sarkar,S., Dr. (M) Surendranath Evening College 24/2, M.G. Road Kolkata - 700 009 West Bengal	19.89	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4500	Development of environmentally friendly, toxic-free novel p-type Ag based tetrahedrite material for high efficiency thermoelectric applications	DST-SERB-EMEQ	Mallik,R.C., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	50.35	36
4501	Device quality & bulk size high performance thermoelectric silver Bismuth Sulfide (AgBiS ₂) & silver Bismuth Selenide (AgBiSe ₂) single crystals for Thermoelectric (TE) applications	DST-SERB-EMEQ	Senthil,P.M., Dr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), District Kanchipuram Kalavakkam - 603 110 Tamil Nadu	40.59	36
4502	Fabrication of high efficient dye sensitized solar cells based on ionic liquid-biopolymer nanocomposite electrolytes	DST-SERB-EMEQ	Saroj,A.L., Dr. (M) Banaras Hindu University Pandit Madan Mohan Malviya Road Varanasi - 221 005 Uttar Pradesh	23.92	36
4503	Fabrication of nano-structured MnSi/Si based segmented thermoelectric devices: Towards low-cost & eco-friendly power generators by recovering waste heat from car exhausters & power plants	DST-SERB-EMEQ	Perumal,S., Dr. (M) S.R.M. University Hospital Road, Potheri, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	49.57	36
4504	Nano-structuring & composite half-heusler alloy: An emerging route for mid-temperature thermoelectric power generation	DST-SERB-EMEQ	Malik,K., Dr. (M) Vidyasagar Evening College 39, Sankar Ghosh Lane Kolkata - 700 006 West Bengal	47.28	36
4505	Photothermal & nonlinear optical characterization of rare earth doped nanoparticles for bioimaging applications	DST-SERB-EMEQ	Madanan,K., Dr. (M) Cochin University of Science & Technology Thrikkakara, South Kalamassery, Kochi Ernakulam - 682 022 Kerala	34.99	36
4506	Setting up silicon detector characterization facility	DST-SERB-EMEQ	Behera,P.K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	39.95	36
4507	Study of novel oxide & graphene core shell nanoarchitectures for high temperature thermoelectric power generations	DST-SERB-EMEQ	Kamble,V.B., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) College of Engineering, Computer Science Building Thiruvananthapuram - 695 016 Kerala	44.80	36
4508	Study of Quarkonium in hot QCD medium using quasi particle approach	DST-SERB-EMEQ	Agotiya,V.K., Dr. (M) Central University of Jharkhand Ratu-lohardaga Road, Brambe Ranchi - 835 205 Jharkhand	24.56	36
4509	Synthesis of nano-Hydroxyapatite (nHAp) & its novel composites with metal/oxides: A study of structural, mechanical & biological properties for bone implant applications	DST-SERB-EMEQ	Gautam,C., Dr. (M) Lucknow University Babuganj, Hasanganj Lucknow - 226 007 Uttar Pradesh	34.94	36
4510	Waste water remediation: Novel use of piezocatalytic ceramic-polymer nanocomposites	DST-SERB-EMEQ	Das,S., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	24.02	36
4511	High performance lead free triple cation perovskite solar cell with enhanced stability	DST-SYST	Bhatnagar,A., Mr. (M) Malaviya National Institute of Technology Jaipur - 302 017 Rajasthan	29.27	36
4512	A novel approach of developing silver iodide embedded silica aerogels seeding material for cloud seeding application (siesa)	DST-WOS-A	Nadargi,J.D., Dr. (F) Savitribai Phule Shikhashan Prasarak Mandals Kegaon Campus Solapur - 413 255 Maharashtra	28.70	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4513	Acoustic energy absorption in ferromagnetic shape memory alloy polymer composites	DST-WOS-A	Abirami,S.B.P., Ms. (F) Thiagarajar College of Engineering Madurai - 625 015 Tamil Nadu	23.70	36
4514	An evolutionary study via dust modelling of post-RGB stars in the magellanic clouds	DST-WOS-A	Sarkar,G., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	24.07	36
4515	Bioactive properties of glasses/glass-ceramics synthesized from agricultural & food wastes	DST-WOS-A	Punj,S., Ms. (F) Thapar University Patiala - 147 004 Punjab	31.85	36
4516	Deep learning approaches for search & retrieval of audio information	DST-WOS-A	Gudipati,V.V.L., Ms. (F) International Institute of Information Technology Hyderabad - 500 032 Telangana	27.70	36
4517	Detection of cancer markers using metal oxide nanotubes immobilized with conducting polymers by photoelectrochemical biosensing	DST-WOS-A	Lekha,P.C., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	32.15	36
4518	Development of cold sintered dielectrics for electronic applications	DST-WOS-A	Santha,N., Dr. (F) Kerala University Kariavattom Thiruvananthapuram - 695 612 Kerala	31.21	36
4519	Development of nanogenerator based flexible, self powered gas sensors	DST-WOS-A	Santra,S., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	29.66	36
4520	Development of tandem PEC-PV cell using ECR microwave plasma surface modified heterojunctions of WO ₃ /BiVO ₄ photoanodes for hydrogen generation	DST-WOS-A	Madhavi,V., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	32.10	36
4521	Electronic structure of rare earth & transition metal doped CeO ₂ nanomaterials to comprehend the mechanism for room temperature ferromagnetism in these compounds	DST-WOS-A	Dave,M., Ms. (F) Registrar Kota University Kota - 324 010 Rajasthan	31.55	36
4522	Engineering hematite nanostructure for an efficient photoelectro chemical hydrogen production	DST-WOS-A	Mummoorthi,G., Ms. (F) Periyar University Palkalai Nagar, Periyar Salem - 636 011 Tamil Nadu	31.05	36
4523	Fabrication & characterization of Iron Oxide Nanostructures (IONS) for gas sensing & DSSC applications	DST-WOS-A	Joseph,J.A., Ms. (F) Union Christian College Alwaye - 683 102 Kerala	14.73	36
4524	Fabrication of lead free perovskite solar cell: An approach towards environmental friendly & efficient solar cell	DST-WOS-A	Pail,P.V., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	11.90	36
4525	Fabrication of multiferroic thin films for possible applications in giantmagneto resistive devices	DST-WOS-A	Dhanyaprabha,K.C., Ms. (F) Christian College Changannur - 689 122 Kerala	16.14	36
4526	First principle investigations of 2-D nitrides as electrode materials for alkali-ion batteries	DST-WOS-A	Tyagi,N., Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Jabalpur - 482 005 Madhya Pradesh	30.23	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4527	Green synthesis of silver/gold nanoparticles by using asclepiadaceae medicinal plant to enhancement of physical properties	DST-WOS-A	Chennamaneni,H.L., Ms. (F) M.L.R. Institute of Technology & Management Hyderabad - 500 043 Telangana	33.47	36
4528	Homogenization of PDEs & asymptotic behaviour of optimal controls	DST-WOS-A	Mishra,I., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 066 Madhya Pradesh	25.15	36
4529	Investigation of magnetocaloric effect in nanosized perovskite structured materials for possible magnetic refrigeration applications	DST-WOS-A	Kalakuntla,S., Ms. (F) Osmania University University College of Science Hyderabad - 500 007 Telangana	26.34	36
4530	Investigation of optical properties of metal nanoparticles embedded conducting polymer	DST-WOS-A	Roy,S., Ms. (F) Jadavpur University Kolkata - 700 032 West Bengal	31.84	36
4531	Investigation of structural electronic, magnetic & thermoelectric properties of rare-earth based heusler alloys: An ab-initio study	DST-WOS-A	Singh,S., Ms. (F) Jiwaji University Gwalior - 474 011 Madhya Pradesh	31.22	36
4532	Investigations on C-points & V-points generation, detection & manipulation methods	DST-WOS-A	Sathyaranayanan,D., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.60	36
4533	Low cost photo-acoustic tomography system for non-invasive biomedical studies	DST-WOS-A	Joshi,D., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.55	36
4534	Low energy electron collisions, radiation track structure & DNA damage by ionizing radiation	DST-WOS-A	Bhowmik,P., Dr. (F) Mohanlal Sukhadia University Udaipur - 313 001 Rajasthan	28.80	36
4535	Magnetoplasmonic studies on cobalt & nickel based nanostructures	DST-WOS-A	Lakshmi,B., Ms. (F) Cochin University of Science & Technology Kochi - 682 022 Kerala	31.71	36
4536	New generation photonic crystal sensors	DST-WOS-A	Pappu,R.V., Ms. (F) Hyderabad University Hyderabad - 500 046 Telangana	31.67	36
4537	Noninvasive investigation of stem cell differentiation using an inhouse constructed two-photon fluorescence microscope	DST-WOS-A	Varier,G.K., Dr. (F) Birla Institute of Technology & Science (Pilani) K.K. Birla Goa Campus Zuarinagar - 403 726 Goa	25.79	36
4538	Phase behaviour & directed transport in active colloidal system	DST-WOS-A	Ghosh,A., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	31.60	36
4539	Porous low-k films for advanced ULSI technology	DST-WOS-A	Gupta,S., Ms. (F) North Maharashtra University Jalgaon - 425 001 Maharashtra	17.94	36
4540	Preparation & characterization of the multiferroic oxide thin film for solar cell application	DST-WOS-A	Suneetha,T., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	28.85	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4541	Quest for experimental discovery of new topological semimetal candidates	DST-WOS-A	Harnagea,L., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	29.95	36
4542	Search for binary companions around millisecond pulsars	DST-WOS-A	Choudhary,A., Dr. (F) Institute of Mathematical Sciences Chennai - 600 113 Tamil Nadu	31.75	36
4543	Spintronics in graphene	DST-WOS-A	Vidyullatha,C., Ms. (F) C.M.R. College of Engineering & Technology Hyderabad - 501 401 Telangana	16.88	36
4544	String theory on integrable deformation of AdS	DST-WOS-A	Nayak,R.R., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	28.74	36
4545	Studies of CsPbBr ₃ perovskite nanocrystals as light emitters	DST-WOS-A	Shinde,A.S., Ms. (F) Savitribai Phule Pune University Pune - 411 007 Maharashtra	28.96	36
4546	Studies on new physics in quark lepton sector of standard model	DST-WOS-A	Girdhar,A., Dr. (F) Harish Chandra Research Institute Chatnag Road, Jhansi Allahabad - 211 019 Uttar Pradesh	2.00	36
4547	Study of dielectric & electrical behavior of some biocompatible polymer blends & composites	DST-WOS-A	Jha,S., Ms. (F) Gujarat University Ahmedabad - 380 009 Gujarat	29.77	36
4548	Study of black hole thermodynamics in modified & quantum theories of gravity	DST-WOS-A	Chatterjee,B., Dr. (F) Indian Institute of Science Education & Research (Kolkata) Kolkata - 741 246 West Bengal	29.95	36
4549	Study of neighbour balanced row-column designs under fixed & random row column effects	DST-WOS-A	Sobitadevi,S., Dr. (F) Manipur University Canchipur Imphal - 795 003 Manipur	24.07	36
4550	Study of transition metal impurity in sol-gel processes ZnO-SnO ₂ based ternary alloy films for transparent electronics & devices	DST-WOS-A	Arora,I., Ms. (F) D.A.V. University Jalandhar - 144 012 Punjab	31.50	36
4551	Study of ultra short powerful laser matter interaction with plasmas	DST-WOS-A	Varshney,M.A., Dr. (F) Devi Ahilya Vishwavidyalaya Indore - 452 001 Madhya Pradesh	27.75	36
4552	Synthesis & characterization of graphene quantum dots & its applications in advanced energy storage as supercapacitors	DST-WOS-A	Kharangarh,P.R., Dr. (F) Delhi University Delhi - 110 007 Delhi	23.92	36
4553	Synthesis & characterization of non-lead based nanostructure thin films for electrocaloric properties	DST-WOS-A	Singh,A., Dr. (F) Delhi University Delhi - 110 007 Delhi	31.12	36
4554	Synthesis & characterization of rare earth activated Zirconium based phosphor for biomedical applications	DST-WOS-A	Dubey,N., Dr. (F) Government Science College Durg - 491 001 Chhattisgarh	7.25	36
4555	Synthesis & characterization of rare earth fluoride nanomaterials & nanofibers for biomedical application	DST-WOS-A	Namagal,S., Ms. (F) Anna University Chennai - 600 025 Tamil Nadu	29.40	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4556	Thermocapillary driven convection of an electrically conducting nanofluid in an annular enclosure	DST-WOS-A	Balasubramanian,K., Ms. (F) Bharathiar University Coimbatore - 641 046 Tamil Nadu	19.59	36
4557	Unveiling physical conditions in Milky Way, LMC, SMC & high red-shifted damped Lyman-alpha absorbers using 21 cm line	DST-WOS-A	Shaw,G., Dr. (F) Tata Institute of Fundamental Research 1, Homi Bhabha Road, Colaba Mumbai - 400 005 Maharashtra	17.80	36
4558	Characterization of Lunar soil simulant for evaluating design criteria of lunar structures	ISRO-RESPOND	Muthukumar,K., Dr. (M) Professor National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	18.36	36
4559	Observational & modeling study of the Equatorial Ionization Anomaly (EIA) around 95 E meridian	ISRO-RESPOND	Kalita,B.R., Dr. (M) Dibrugarh University NH-37, Rajaeta Dibrugarh - 786 004 Assam	26.12	36
4560	Study of few persistent & transient black holes using Astrosat & other satellite data	ISRO-RESPOND	Debnath,D., Dr. (M) Assistant Professor Indian Centre for Space Physics 43, Chalantika, Garia Station Road Kolkata - 700 084 West Bengal	31.83	36
4561	Study of spectral & timing features in neutron-star & black hole X-ray binaries with astrosat	ISRO-RESPOND	Pawar,D., Dr. (M) Ramniranjan Jhunjhunwala College Opposite Ghatkopar Railway Station (W) Mumbai - 400 086 Maharashtra	20.61	36
4562	Testing particle Physics model from cosmic microwave background & large scale structure observations	ISRO-RESPOND	Nautiyal,A., Dr. (M) Assistant Professor Malaviya National Institute of Technology Jaipur - 302 017 Rajasthan	23.56	36
4563	Visible-IR & XFR spectroscopic studies of lunar analogues	ISRO-RESPOND	Kusuma,K.N., Dr. (F) Assistant Professor Pondicherry University Puducherry - 605 014 Puducherry	21.96	24
4564	A comprehensive study on crustal dichotomy & extensional tectonics in & around Valles Marineris, Mars	ISRO-SSP	Rajesh,V.J., Dr. (M) Assistant Professor Indian Institute of Space Science & Technology P.O. Valiamala Thiruvananthapuram - 695 547 Kerala	17.48	36
4565	A morphological & compositional analysis of selected geochemically anomalous regions on moon using Chandrayaan-1 & other lunar dataset	ISRO-SSP	Kusuma,K.N., Dr. (F) Assistant Professor Pondicherry University Puducherry - 605 014 Puducherry	18.33	36
4566	An appraisal of fluvio-tectonic geomorphic set-up of Syria Planum & soils planum provenance in Syria-Thaumasia, Mars	ISRO-SSP	Bhandari,S., Dr. (M) Associate Professor Krantiguru Shyamji Krishna Verma Kachchh University Bhuj - 370 001 Gujarat	21.49	36
4567	An appraisal of fluvio-tectonic geomorphic set-up of Syria Planum & soils planum provenance in Syria-Thaumasia, Mars	ISRO-SSP	Bhattacharya,F., Dr. (F) Scientist B Institute of Seismological Research Gandhinagar - 382 009 Gujarat	10.68	36
4568	An integrated morphological & spectral analysis of Shalbatana Vallis & its surrounding region on Mars using MOM-MCC data & other international datasets	ISRO-SSP	Kusuma,K.N., Dr. (F) Assistant Professor Pondicherry University R. Venkatraman Nagar, Kalapet Puducherry - 605 014 Puducherry	18.73	36
4569	Analysing dust storms, dust devils, dunes, clouds & associated meteorological features in the martian atmosphere using satellite observationa & a numerical model	ISRO-SSP	Panda,J., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Sector 1, District Sundargarh Rourkela - 769 008 Odisha	18.33	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4570	Automatic detection, classification & mapping of floor fractured craters & wrinkle ridges on lunar surface	ISRO-SSP	Gandhi,S., Dr. (F) Professor & Head Gujarat University Department of Computer Science Ahmedabad - 390 009 Gujarat	18.03	36
4571	Bio-menthanation under simulated mars environment implieesearly life on planet mars	ISRO-SSP	Dhakephalkar,P.K., Dr. (M) Senior Scientist Agharkar Research Institute Bioenergy Group, MACS, G.G. Agarkar Road Pune - 411 004 Maharashtra	20.22	36
4572	Chemical kinetics of molecular collision processes in Martian atmosphere	ISRO-SSP	Kumar,T.J.D., Dr. (M) Associate Professor Indian Institute of Technology (Ropar) Department of Chemistry, Nangal Road, Rupnagar Ropar - 140 001 Punjab	17.80	36
4573	Compositional mapping of mare humorum, mare cognitum & mare numbium region of the moon using Hyperspectral Imagers (HySI) data from Chandrayaan-1 to study pyroxene variability & their petrological implications	ISRO-SSP	Chauhan,M., Dr. (F) Assistant Professor Banasthali Vidyapeeth Department of Geology, School of Earth Sciences Jaipur - 304 021 Rajasthan	20.00	36
4574	Compositional variability of lunar mare basalts over space & time: Insights from Chandrayaan1 Hyperspectral imaging camera (HySi) & Terrain Mapping Camera (TMC) data	ISRO-SSP	Porwal,A., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	18.57	36
4575	Detailed analysis of source, nature & duration of fluvial activity in the Noachian-Hesperian terrians of Mars	ISRO-SSP	Porwal,A., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	17.70	36
4576	Ejecta blanket extent estimation analysis & compositional, morphological variability of interior & exterior ejecta of selected ray craters on the lunar surface	ISRO-SSP	Rao,C.V., Dr. (M) Scientist/Enginener -SG National Remote Sensing Centre G & SP Group, DPPA&WAA Hyderabad - 500 042 Telangana	12.47	36
4577	Estimating the escape of water to space through D/H ration & atomic hydrogen escape in the martian upper atmosphere	ISRO-SSP	Rao,S.V.B., Prof. (M) Sri Venkateswara University Department of Physics Tirupati - 517 502 Andhra Pradesh	15.51	36
4578	Estimation of FeO & TiOs abundances on the lunar surface using Chandrayaan-1 HySI satellite data	ISRO-SSP	Solanki,P.M., Dr. (M) Associate Professor M.G. Science Institute Department of Geology, Gujarat University Ahmedabad - 380 009 Gujarat	20.05	36
4579	Evidence comparison between Tharsis & Deccan volcanic provinces based on Geomorphology & Lithology	ISRO-SSP	Nair,A.M., Dr. (F) Assistant Professor Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	15.64	36
4580	Geological & fluvial studies of martian surface using the data of thermal infrared imaging spectrometer & mars colour camera	ISRO-SSP	Bharati,R., Dr. (M) Assistant Professor Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	18.88	36
4581	Geomorphic process & morphometric analysis of Cusus & Columbia valles networks on martian surface	ISRO-SSP	Anabazhagan,S., Dr. (M) Professor & Director Periyar University Centre for Geoinformatics & Planetary Studies, Periyar Palkalai Nagar Salem - 636 011 Tamil Nadu	17.86	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4582	Hydrogeomorphometry of the martian surface: Connecting dots to understand the hydrologi & climate evolution & groundwater potentiality of Ma'admin Vallis region in Aeolis quadrangle	ISRO-SSP	Sinha,A.K., Mr. (M) Dean & Director Suresh Gyan Vihar University Centre of Excellence for Climate Change & Water Research Jaipur - 302 025 Rajasthan	16.25	36
4583	Impact cratering processes on Mars: Insights into spallation, ejecta mobility & target properties	ISRO-SSP	Kumar,P.S., Dr. (M) CSIR-National Geophysical Research Institute Uppal Road Hyderabad - 500 007 Telangana	24.17	36
4584	Infilling & Erosional history of Martian impact craters	ISRO-SSP	Sinha,R.K., Mr. (M) Scientist SC Physical Reserch Laboratory Navrangpura Ahmedabad - 380 009 Gujarat	17.98	36
4585	Investigation on the spatio-temporal distribution of clouds & dust storms Marian atmosphere	ISRO-SSP	Guha,A., Dr. (M) Assistant Professor Central University of Tripura Stage-II Suryamaninagar - 799 022 Tripura	18.41	36
4586	Lithological & chronological characterization of selected lunar mare regions using lunar hyperspectral data	ISRO-SSP	Arivazhagan,S., Dr. (M) Assistant Professor Gandhigram Rural University Centre for Applied Geology Dindigul - 624 302 Tamil Nadu	17.26	36
4587	Lithological & geomorphological mapping of selected lunar vallis using Chandrayaan 1 HyS1 & TMC integrated data analysis	ISRO-SSP	Anabazhagan,S., Dr. (M) Professor & Director Periyar University Centre for Geoinformatics & Planetary Studies, Periyar Palkalai Nagar Salem - 636 011 Tamil Nadu	18.03	36
4588	LUNARS morphological mapping & optimization of spectral bands & image processing techniques for discrimination & mapping of lunar rocks using TMC & HySI data of Chandrayaan-1 of Timocharis - Archimedes - Autolyclus - Manillius - Agrippa - Trienecker ..	ISRO-SSP	Saravanavel,J., Dr. (M) Assistant Professor Bharathidasan University Centre for Remote Sensing Tiruchirappalli - 620 024 Tamil Nadu	15.36	36
4589	Martian landform segmentation based on structural similarity	ISRO-SSP	Shete,A.S., Mr. (M) Assistant Professor Vivekanand Education Society's Institute of Technology Collectors Colony Road, Chembur Mumbai - 400 071 Maharashtra	3.08	36
4590	Modeling & simulation of Hyperspectral Imager (HySI) sensor Chandrayaan-1 image for lunar mineral mixing analysis	ISRO-SSP	Badroddin,S.S., Dr. (M) Assistant Professor Milliya Arts, Science & Management Science College Beed - 431 122 Maharashtra	19.58	36
4591	MOM-MCC data alanalysis for morphological & morphometric studies of melas chasma at Velles Marineris & Alba patera & understand volcanism on Mars	ISRO-SSP	Habib,T., Mr. (M) Chief Scientist & Group Head M.P. Council of Science & Technology Department of Geo Informatics, RSAC Bhopal - 462 003 Madhya Pradesh	17.63	36
4592	Observation & modeling of thermal infrared (7-13 (?) m) emission of Mars	ISRO-SSP	Shah,D.B., Dr. (M) Sir P.T. Sarvajaniik College of Science Near Athva Gate Surat - 395 001 Gujarat	18.53	36
4593	Observation & Modeling studies of the Atmospheric Composition of Mars (OMAC)	ISRO-SSP	Nagaraj,K., Dr. (M) Assistant Professor Bangalore University Bengaluru - 560 056 Karnataka	19.97	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakh)	Duration (in Months)
4594	Quantitative morphologic & scaling analyses of Lunar Digital Elevation Model (LDEM) derived from TMC data of Chandrayaan-1 Mission via Mathematical morphology & fractal geometry	ISRO-SSP	Sagar,B.S.D., Prof. (M) Indian Statistical Institute Bengaluru - 560 059 Karnataka	23.81	36
4595	Refinement of existing Algorithms for FeO & TiO ₂ mapping using HySI data & a comparative assessment of the HySI generated maps with that of clementine & moon mineralogy mapper-derived FeO & TiO ₂ products	ISRO-SSP	Lala,M.G.N., Dr. (F) Assistant Professor Birla Institute of Technology (Mesra) Department of Remote Sensing Ranchi - 835 215 Jharkhand	17.20	36
4596	Release of seed money to support the preproject activities of Daksha	ISRO-SSP	Balerao,V., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	64.00	12
4597	Release of seed money to support the preproject activities of INSIST	ISRO-SSP	Subramaniam,A., Prof. (F) Indian Institute of Astrophysics Sarjapur Main Road, II Block, Koramangala Bengaluru - 560 034 Karnataka	30.00	12
4598	Release of seed money to support the preproject activities of Praktyush	ISRO-SSP	Rao,M.S., Prof. (F) Raman Research Institute Sir C.V. Raman Avenue, Sadashivnagar Bengaluru - 560 080 Karnataka	36.00	12
4599	Release of seed money to support the preproject activities of Seams	ISRO-SSP	Garpure,D., Prof. (F) Savitribai Phule Pune University Ganeshkhind Pune - 411 007 Maharashtra	49.80	12
4600	Remote geochemical & mineralogical analysis of surface of Mars with Mars orbiter mission data	ISRO-SSP	Arivazhagan,S., Dr. (M) Assistant Professor Gandhigram Rural University Centre for Applied Geology Dindigul - 624 302 Tamil Nadu	20.93	36
4601	Remote geochemical & mineralogical analysis of surface of Mars with Mars orbiter mission data	ISRO-SSP	Lala,M.G.N., Dr. (F) Assistant Professor Birla Institute of Technology (Mesra) Department of Remote Sensing Ranchi - 835 215 Jharkhand	17.43	36
4602	Rock types & morphological signature detection of Mars to infer natural resources	ISRO-SSP	Mukherjee,S., Prof. (M) Head Jawaharlal Nehru University Department of Geology & Remote Sensing New Delhi - 110 067 Delhi	18.20	36
4603	Semi-automated lunar rock type classification by processing HySI & TMC datasets using advanced unsupervised clustering Algorithms	ISRO-SSP	Omkar,S.N., Dr. (M) Chief Research Scientist Indian Institute of Science Department of Aerospace Engineering, A 128 Bengaluru - 560 012 Karnataka	18.47	36
4604	Spectral characterization & morphology of Olivine-pyroxene-spinel bearing lithologies on Moon: Implications for lunar endogenic processes	ISRO-SSP	Rajesh,V.J., Dr. (M) Assistant Professor Indian Institute of Space Science & Technology Thiruvananthapuram - 695 547 Kerala	16.93	36
4605	Study of atmospheric water vapour content on Mars using MENCA of India's Mars orbiter mission	ISRO-SSP	Calla,O.P.N., Prof. (M) Director International Centre of Radio Science Jodhpur - 342 304 Rajasthan	12.32	36
4606	Study of lunar geo-morphological & impact cratering processes through Chandrayaan-1 datasets	ISRO-SSP	Jain,V., Dr. (M) Associate Professor Indian Institute of Technology (Gandhinagar) Department of Earth Sciences Gandhinagar - 382 355 Gujarat	17.73	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4607	Study of morpho-tectonic evolution of Mons Rumkar & orientale basin	ISRO-SSP	Dhar,S., Dr. (M) Associate Professor & Head Government Post Graduate College Department of Geology Dharamshala - 176 215 Himachal Pradesh	22.60	36
4608	Study of the identification of unique morphological features on the polar lunar surfaces	ISRO-SSP	Mukherjee,S., Prof. (M) Head Jawaharlal Nehru University Department of Geology & Remote Sensing New Delhi - 110 067 Delhi	18.17	36
4609	Study on possible Remote Sensing of methane on mars using data products of Methane Sensor for Mars (MSM)	ISRO-SSP	Rastogi,S., Prof. (M) Deendayal Upadhyay Gorakhpur University Department of Physics Gorakhpur - 273 009 Uttar Pradesh	21.85	36
4610	Synthesis of active landforms using MOM-MCC & MRO-HiRISE data: Implications for martian exogenic processes	ISRO-SSP	Bhadra,B.K., Dr. (M) Scientist/Engineer-SF ICAR-Regional Remote Sensing Centre - West Jodhpur - 342 005 Rajasthan	18.03	36
4611	Systematic study on the landslides on martian surface with special emphasis on valles marineris usind data of varying resolution & scales	ISRO-SSP	Kumar,S.K.S., Dr. (M) Assistant Professor Kerala University Department of Geology Thiruvananthapuram - 695 034 Kerala	18.51	36
4612	Tectonics of the east coprates planum, Mars: An insight through morphometric analyses of structures on the surface	ISRO-SSP	Kundu,A., Dr. (M) Asutosh College 92, S.P. Mukherjee Road Kolkata - 700 026 West Bengal	18.27	36
4613	Temporal & spatial characterization of martian Thermosphere, Ionosphere & Exosphere (TIE) system	ISRO-SSP	Rao,N.V., Mr. (M) National Atmospheric Research Laboratory Gadanki Chittoor - 517 112 Andhra Pradesh	14.10	36
4614	Understanding evolution of lunar surface through CH-1 TMC Data analysis for morphological mapping & surface age determination using approach of Crater Size Frequency Distribution (CSFD) of South Pole Aitken (SPA) basin	ISRO-SSP	Habib,T., Mr. (M) Chief Scientist & Group Head M.P. Council of Science & Technology Department of Geo Informatics, RSAC Bhopal - 462 003 Madhya Pradesh	16.03	36
4615	Understanding the Geomorphology of martian surface using MOM datasets	ISRO-SSP	Haq,M.A., Dr. (M) Assistant Professor N.I.I.T. University Alwar - 301 705 Rajasthan	17.28	36
4616	Use of Chandrayaan-1 HySI data to understand the spectral signature of lunar rocks	ISRO-SSP	Choudhary,A., Dr. (M) Principal Scientist & Head M.P. Council of Science & Technology Division of GIS & IP Bhopal - 462 003 Madhya Pradesh	14.80	36
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ADDRESS OF FUNDING AGENCIES

- | | |
|---|--|
| <p>1 All India Council for Technical Education (AICTE)
Nelson Mandela Marg,
New Delhi - 110070</p> | <p>12 Ministry of AYUSH
AYUSH Bhawan, GPO Complex
B-Block, INA
New Delhi – 110023</p> |
| <p>2 Council of Scientific and Industrial Research (CSIR)
CSIR Complex, Pusa
New Delhi - 110012</p> | <p>13 Ministry of Electronics & Information Technology (MEITY)
Electronic Niketan, CGO Complex, Lodhi Road
New Delhi – 110003</p> |
| <p>3 Defence Research & Development Organisation (DRDO)
Dte. of Extramural Research & Intellectual
Property Rights, DRDO Bhawan, Rajaji Marg
New Delhi – 110011</p> | <p>14 Ministry of Earth Sciences (MoES)
Prithvi Bhavan, Opposite India Habitat Centre, Lodhi
Road, New Delhi - 110 003</p> |
| <p>4 Department of Atomic Energy (DAE)
B.R.N.S. Secretariat,
B.A.R.C.
Mumbai – 400085</p> | <p>15 Ministry of Environment, Forests & Climate Change
(MOEFCC)
Satellite Division, Prithvi Bhavan, Jorbagh
New Delhi – 110003</p> |
| <p>5 Department of Bio-Technology (DBT)
Ministry of Science and Technology
Block 2, CGO Complex, Lodhi Road
New Delhi – 110003</p> | <p>16 Ministry of New & Renewable Energy (MNRE),
Block – 14, CGO Complex, Lodhi Road
New Delhi – 110003</p> |
| <p>6 Department of Coal (DOC)
Central Mine Planning and Design Institute Ltd.
Gondwana Place, Konde Road
Ranchi – 834008</p> | <p>17 Ministry of Power (MOP)
Central Power Research Institute
Prof. Sir C.V. Raman Road
Sadashivanagar, Sub Post Office, P.B. No 8066
Bangalore – 560080</p> |
| <p>7 Department of Science and Technology (DST)
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016</p> | <p>18 Ministry of Steel (MOS)
Udyog Bhavan
New Delhi – 110011</p> |
| <p>8 Department of Scientific & Industrial Research (DSIR)
Technology Bhawan, New Mehrauli Road
New Delhi – 110016</p> | <p>19 Ministry of Water Resources (MOWR)
River Development & Ganga Rejuvenation
R&D Division, Wing No. 4, 1st Floor, West Block No. 1
R.K. Puram, New Delhi - 110066</p> |
| <p>9 Indian Council of Agricultural Research (ICAR)
Krishi Anusandhan Bhawan-II, Pusa
New Delhi – 110012</p> | <p>20 Petroleum Conservation Research Association (PCRA)
Sanrakshan Bhawan, 10, Bhikaji Cama Place
New Delhi – 110066</p> |
| <p>10 Indian Council of Medical Research (ICMR)
Ansari Nagar, Post Box 4911
New Delhi – 110029</p> | <p>21 University Grants Commission (UGC)
Bahadur Shah Zafar Marg
New Delhi – 110002</p> |
| <p>11 Indian Space Research Organisation (ISRO)
Department of Space, ISRO Headquarters
Antariksh Bhawan, New Bel Road
Bangalore – 560094</p> | |

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
1	A.D. Patel Institute of Technology	1	14.92	869
2	A.V.V.M. Sri Pushpam College	1	25.19	759
3	Abasaheb Garware College	1	39.42	591
4	Abhedananda Mahavidyalaya	1	32.81	658
5	Academy of Maritime Education & Training	1	0.21	938
6	Acharya B.M.Reddy College of Pharmacy	3	47.04	524
7	Acharya Institute of Technology	1	22.93	780
8	Acharya N.G. Ranga Agricultural University	1	66.76	421
9	Acharya Nagarjuna University	1	41.39	568
10	Acharya Narendra Dev College	1	46.70	528
11	Acharya Prafulla Chandra College	1	23.54	774
12	Adamas University	1	31.24	683
13	Advanced Centre for Treatment Research & Education in Cancer	3	88.37	356
14	Agartala Government Medical College	4	149.71	250
15	Agharkar Research Institute	9	301.33	141
16	Agri Biotech Foundation	2	83.41	366
17	Agricultural College & Research Institute	1	29.70	708
18	Agricultural Engineering College & Research Institute	1	22.10	795
19	Agricultural Sciences University	14	475.86	95
20	Ahmedabad University	4	168.14	226
21	Ajeenkya D. Y. Patil University	1	35.51	626
22	Akhil Bhartiya Gramin Vikas Sanstha	1	43.68	555
23	Alagappa University	5	158.25	235
24	Aligarh Muslim University	16	1382.68	23
25	All India Institute of Medical Sciences	78	3015.07	10
26	All India Institute of Speech & Hearing	1	32.27	667
27	All Indian Shri Shivaji Memorial Society's College of Engineering	1	16.82	854
28	Allahabad University	2	54.12	483
29	Alliance for an Energy Efficient Economy	1	161.39	231
30	Amal Jyothi College of Engineering	1	14.80	871
31	Amity Institute for Herbal & Biotech Products Development	1	41.38	569
32	Amity Institute of Biotechnology	2	128.17	274
33	Amity Institute of Molecular Medicine & Stem Cell Research	1	27.94	731
34	Amity Institute of Public Health	2	39.76	586
35	Amity University	23	786.58	51
36	Amrita Centre for Nanosciences & Molecular Medicine	2	126.90	276
37	Amrita Institute of Medical Sciences & Research Centre	5	219.22	185
38	Amrita School of Engineering	1	31.67	676
39	Amrita Vishwa Vidyapeetham	13	1038.37	34
40	Anand Agricultural University	1	17.69	846
41	Andhra Pradesh State Sericulture Research & Development Institute	1	27.93	733
42	Andhra University	2	56.44	466
43	Andhra University College of Engineering	2	67.19	419
44	Anna University	15	1066.58	32
45	Annamalai University	3	82.96	370
46	Anubhav Pratishthan Trust	1	35.86	624
47	Apeejay Satya University	1	18.02	844
48	Aranya Agricultural Alternatives	1	30.82	692
49	Aravind Medical Research Foundation	2	71.61	404
50	Ardent Foundation	2	73.86	393
51	Ashoka Trust for Research in Ecology & the Environment	2	106.62	310
52	Ashoka University	1	42.40	562
53	Assam Agricultural University	21	784.57	52
54	Assam Engineering College	6	117.82	291
55	Assam Government Duck & Poultry Farm	1	43.88	552
56	Assam Medical College & Hospital	2	59.39	451
57	Assam University	6	196.81	202
58	Association for Social & Humanize Action	1	38.88	597
59	Astanagam Ayurvedic Chikitsalayam & Vidyapeedham	1	28.90	718
60	Asutosh College	1	18.27	840
61	Atal Bihari Vajpayee-Indian Institute of Information Technology & Management	2	39.74	587
62	Atma Ram Sanatan Dharma College	1	21.59	804
63	Avantha Centre for Industrial Research & Development	2	55.07	477
64	Avinashilingam Institute for Home Science & Higher Education for Women	3	96.26	338
65	Awadhesh Pratap Singh University	1	12.04	887
66	Ayurved Mahavidyalaya	2	86.51	359
67	B.M.S. College of Engineering	2	69.82	412
68	B.M.S. Institute of Technology & Management	1	47.50	518
69	B.V. Patel Pharmaceutical Education & Research Development Centre	1	32.87	656
70	Babasaheb Bhimrao Ambedkar University	1	46.69	529
71	Baby John Memorial Government College	1	24.65	762
72	Bajaj Institute of Technology	1	34.42	636
73	Banaras Hindu University	38	1508.80	19
74	Banasthali Vidyapeeth	2	45.56	538

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
75	Banda University of Agriculture and Technology	1	34.12	643
76	Bangalore University	2	45.58	537
77	Bannari Amman Institute of Technology	4	76.06	386
78	Bareilly College	1	22.86	782
79	Barkatullah Vishwavidyalaya	1	19.45	829
80	Bennett University	4	112.45	303
81	Bhabha Atomic Research Centre	1	21.92	800
82	Bhagwan Mahvir Medical Research Centre	1	29.79	705
83	Bhagyodaya Tirth Pharmacy College	1	47.81	513
84	Bhakta Kavi Narsinh Mehta University	1	21.95	798
85	Bharathiar University	12	400.80	111
86	Bharathidasan University	11	541.26	82
87	Bharati Vidyapeeth College of Pharmacy	1	5.84	926
88	Bharati Vidyapeeth University	6	216.65	187
89	Bhartiya Mahila Gramodyog Sansthan	1	55.14	476
90	Bhaskraycharya College of Applied Sciences	1	40.11	579
91	Bhoomika Social Welfare Association	1	31.69	675
92	Bhusawal Arts Science & P.O. Nahata Commerce College	1	32.10	670
93	Bidhan Chandra Krishi Viswavidyalaya	2	54.63	481
94	Bihar Agricultural University	3	132.82	266
95	Birbal Sahni Institute of Palaeosciences	7	239.40	171
96	Birla Institute of Technology & Science (Pilani)	51	1400.59	21
97	Birla Institute of Technology (Mesra)	10	245.80	169
98	Bodoland University	1	16.96	853
99	Bombay College of Pharmacy	2	77.49	382
100	Bose Institute	11	497.61	92
101	Bundelkhand University	5	222.88	181
102	Burdwan University	8	206.35	193
103	BVRIT Hyderabad College of Engineering for Women	1	33.04	654
104	C.M.R. College of Engineering & Technology	2	70.71	408
105	C.R. Rao Advance Institute of Mathematics, Statistics & Computer Science	1	31.06	687
106	Calcutta Institute of Technology	1	51.74	492
107	Calcutta University	23	839.78	46
108	Calicut University	1	28.34	727
109	Cancer Institute	1	21.55	806
110	Central Agricultural University	6	150.02	249
111	Central India Institute of Medical Sciences	1	30.66	695
112	Central Institute of Plastics Engineering & Technology	4	111.08	305
113	Central Institute of Technology	1	31.34	679
114	Central Sericultural Germplasm Research Centre	3	152.61	245
115	Central Sericultural Research & Training Institute	7	356.09	121
116	Central University of Assam	2	88.65	355
117	Central University of Bihar	1	31.59	678
118	Central University of Gujarat	4	180.41	216
119	Central University of Haryana	6	217.95	186
120	Central University of Himachal Pradesh	2	57.71	460
121	Central University of Jammu	10	395.83	112
122	Central University of Jharkhand	2	50.96	497
123	Central University of Kashmir	2	49.25	504
124	Central University of Kerala	10	324.55	131
125	Central University of Punjab	5	249.57	168
126	Central University of Rajasthan	12	373.51	117
127	Central University of South Bihar	1	32.34	666
128	Central University of Tamil Nadu	3	56.37	467
129	Central University of Tripura	1	18.41	839
130	Centre for Development of Advanced Computing (C-DAC)	13	10188.06	1
131	Centre for DNA Fingerprinting & Diagnostics	7	281.47	152
132	Centre for Environment Planning & Technology University	2	35.14	629
133	Centre for Excellence in Basic Sciences	1	41.78	566
134	Centre for Health Research & Development Society for Applied Studies	1	28.16	729
135	Centre for Marine Living Resources & Ecology	1	21.05	810
136	Centre for Materials for Electronics Technology (C-MET)	6	300.69	143
137	Centre for Social Development	1	14.77	872
138	Centre of Biomedical Research	4	190.78	206
139	Centre of Innovative Applied Bio Processing	2	104.17	319
140	Centurion University of Technology & Management	1	9.84	900
141	Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya	7	228.27	179
142	Chacha Nehru Bal Chikitsalaya	1	37.65	605
143	Chaitanya Shrivanthi	1	42.97	560
144	Chandigarh University	6	198.64	200
145	Chandrapur College	1	18.18	842
146	Chandubhai S. Patel Institute of Technology	1	7.96	905
147	Charotar University of Science & Technology	1	16.17	859
148	Chaudhary Charan Singh Haryana Agriculture University	1	25.89	756

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
149	Chaudhary Charan Singh University	2	59.76	449
150	Chebrolu Engineering College	1	31.88	672
151	Chennai Mathematical Institute	10	81.88	372
152	Chest Research Foundation	1	39.28	593
153	Chettinad Academy of Research & Education	3	110.46	307
154	Chhatrapati Sahuji Maharaj Kanpur University	1	39.91	584
155	Chitkara University	3	67.62	417
156	Christ College	1	35.95	621
157	Christ University	1	10.95	892
158	Christian College	2	32.14	669
159	Christian Institute Of Health Sciences & Research	1	16.09	861
160	Christian Medical College	9	500.10	91
161	Christian Medical College & Hospital	2	69.49	413
162	Civil Hospital	1	31.72	674
163	Cochin University of Science & Technology	7	296.18	145
164	Coimbatore Institute of Technology	3	49.02	505
165	College of Agriculture	2	55.96	471
166	College of Engineering	7	164.06	229
167	College of Fisheries	2	88.17	357
168	College of Veterinary & Animal Sciences	5	158.70	234
169	College of Veterinary Science	5	231.78	176
170	College of Veterinary Sciences & Animal Husbandary	5	202.43	197
171	Community for Social Works	1	47.62	516
172	Cooch Behar Panchanan Barma University	1	53.39	485
173	Coorg Institute of Dental Sciences	1	26.72	747
174	Cotton University	3	78.30	379
175	Council of Scientific & Industrial Research	1	130.58	268
176	CSIR-Advanced Materials & Processes Research Institute	2	98.48	331
177	CSIR-Central Drug Research Institute	29	1051.84	33
178	CSIR-Central Electrochemical Research Institute	13	405.68	109
179	CSIR-Central Electronics Engineering Research Institute	9	580.08	77
180	CSIR-Central Food Technological Research Institute	9	266.73	161
181	CSIR-Central Glass & Ceramic Research Institute	9	268.46	160
182	CSIR-Central Institute of Medicinal & Aromatic Plants	12	443.39	101
183	CSIR-Central Institute of Mining & Fuel Research	4	627.60	65
184	CSIR-Central Leather Research Institute	5	198.98	199
185	CSIR-Central Mechanical Engineering Research Institute	7	257.84	165
186	CSIR-Central Salt & Marine Chemicals Research Institute	6	197.15	201
187	CSIR-Central Scientific Instruments Organization	6	177.92	218
188	CSIR-Centre for Cellular & Molecular Biology	9	437.96	103
189	CSIR-Indian Institute of Chemical Biology	10	363.82	120
190	CSIR-Indian Institute of Chemical Technology	23	975.58	38
191	CSIR-Indian Institute of Integrative Medicine	9	449.67	98
192	CSIR-Indian Institute of Petroleum	1	34.62	632
193	CSIR-Indian Institute of Toxicology Research	6	221.01	182
194	CSIR-Institute of Genomics & Integrative Biology	20	808.77	47
195	CSIR-Institute of Himalayan Bioresource Technology	6	145.15	253
196	CSIR-Institute of Microbial Technology	5	151.94	247
197	CSIR-Institute of Minerals & Materials Technology	3	78.23	380
198	CSIR-National Aerospace Laboratories	6	225.34	180
199	CSIR-National Botanical Research Institute	5	141.10	256
200	CSIR-National Chemical Laboratory	20	870.37	43
201	CSIR-National Environmental Engineering Research Institute	6	938.24	40
202	CSIR-National Geophysical Research Institute	9	627.17	67
203	CSIR-National Institute for Interdisciplinary Science & Technology	12	504.82	89
204	CSIR-National Institute of Oceanography	9	228.86	178
205	CSIR-National Institute of Science, Communication & Information Resources	1	39.33	592
206	CSIR-National Metallurgical Laboratory	2	89.17	352
207	CSIR-National Physical Laboratory	2	88.85	354
208	CSIR-North East Institute of Science & Technology	12	414.46	106
209	D.A.V. University	4	106.35	311
210	Dabur Research Foundation	1	39.92	582
211	Dakshin Kamrup College	1	19.48	828
212	Daulat Ram College	1	47.61	517
213	Dayal Bagh Educational Institute	3	260.60	163
214	Dayananda Sagar College of Engineering	1	19.74	824
215	Dayananda Sagar University	1	22.18	793
216	Deen Dayal Upadhyaya College	1	24.36	766
217	Deendayal Upadhyay Gorakhpur University	1	21.85	801
218	Defence Institute of Advanced Technology	2	40.10	580
219	Delhi Technological University	6	402.76	110
220	Delhi University	44	2220.66	12
221	Deogiri institute of Engineering & Management Studies	1	10.51	895
222	Department of Environment & Forest	2	136.45	261

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
223	Desh Bhagat University	1	19.96	821
224	Devi Ahilya Vishwavidyalaya	2	56.91	464
225	Dharmsinh Desai University	1	21.95	799
226	Dhirubhai Ambani Institute of Information Communication Technology	2	44.92	544
227	Diamond Harbour Women's University	1	45.50	539
228	Dibrugarh University	16	482.44	93
229	Digital India Corporation	2	115.38	298
230	Diphu Government College	1	22.64	786
231	Directorate of Water Management Research	1	43.59	556
232	Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences	1	51.08	496
233	Dr. A.P.J. Abdul Kakam Technical University	1	34.45	635
234	Dr. B.R. Ambedkar Centre for Biomedical Research	1	54.53	482
235	Dr. B.R. Ambedkar National Institute of Technology (Jalandhar)	6	157.25	239
236	Dr. Babasaheb Ambedkar Marathwada University	5	331.88	128
237	Dr. Bhanuben Nanavati College of Pharmacy	2	40.55	575
238	Dr. D.Y. Patil University	2	77.05	385
239	Dr. Hari Singh Gour Central University	2	52.83	490
240	Dr. Reddy Institute of Life Sciences	4	179.97	217
241	Dr. S.D.D. Arts, Commerce & Science College	1	36.66	613
242	Dr. Vishwanath Karad MIT Peace University	1	20.44	814
243	Dr. Y.S. Parmar University of Horticulture & Forestry	2	84.33	363
244	Durgapur Government College	1	28.68	722
245	Environmental Resources Research Centre (ERRC)	1	63.91	433
246	Eternal University	2	53.36	486
247	Farook College	1	34.87	631
248	Fatima Mata National College	1	39.59	590
249	Forest Research Institute	1	14.61	875
250	Foundation for Agricultural Resources Management & Environmental Remediation	1	114.50	301
251	Foundation for Innovations in Health	1	31.03	689
252	Foundation for Neglected Disease Research	1	117.33	293
253	Fragrance & Flavour Development Centre	1	130.58	269
254	Francis Xavier Engineering College	1	16.74	855
255	G.B. Pant Hospital	1	47.95	512
256	G.B. Pant Institute of Himalayan Environment Development	2	117.30	295
257	G.B. Pant University of Agriculture & Technology	1	31.60	677
258	G.D. Goenka University	1	22.81	783
259	Gandhi Institute for Technological Advancement	1	15.00	865
260	Gandhigram Rural University	6	205.34	194
261	Gandhigram Social Welfare & Study Centre	1	22.98	779
262	Gargi College	2	73.06	398
263	Gauhati Medical College Hospital	5	277.57	156
264	Gauhati University	15	479.39	94
265	Gauhati University Institute of Science & Technology	1	5.45	929
266	Gautam Buddha University	2	36.18	619
267	Gayatri Vidya Parishad College of Engineering	1	21.74	802
268	Geethanjali College of Engineering & Technology	1	45.81	534
269	Girijananda Chowdhury Institute of Management & Technology	3	22.28	790
270	Girijananda Chowdhury Institute of Pharmaceutical Science	4	91.58	344
271	GITAM University	3	129.43	271
272	Global Academy of Technology	1	39.71	588
273	Goa University	2	34.50	634
274	Gokaraju Rangaraju Institute of Engineering & Technology	1	17.70	845
275	Gour Banga University	1	12.14	886
276	Government Arts & Science College	1	11.80	890
277	Government Ayurvedic College & Hospital	2	61.72	444
278	Government College	1	29.70	709
279	Government College Chittur	1	6.60	911
280	Government College for Women	1	17.60	849
281	Government College of Engineering	1	45.07	543
282	Government College of Engineering & Ceramic Technology	1	32.94	655
283	Government College of Pharmacy	1	18.92	831
284	Government College of Technology	1	6.44	921
285	Government Engineering College	4	47.70	515
286	Government P.G. College	1	53.42	484
287	Government Post Graduate College	1	22.60	787
288	Government Science College	1	7.25	907
289	Gramodaya Sangh	1	27.56	737
290	Graphic Era Hill University	2	56.10	470
291	Gujarat Ecological Education & Research Foundation	1	91.18	347
292	Gujarat Energy Research & Management Institute	1	36.89	610
293	Gujarat Environment Management Institute	1	44.66	546
294	Gujarat University	2	47.80	514
295	Gulbarga University	1	25.49	757
296	Guru Angad Dev Veterinary & Animal Science University	4	120.21	287

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
297	Guru Ghasidas University	3	122.14	285
298	Guru Govind Singh Indraprastha University	5	155.81	241
299	Guru Jambheshwar University of Science & Technology	1	6.60	916
300	Guru Nanak College	1	29.68	710
301	Guru Nanak Dev University	10	272.37	159
302	Gurukula Kangri University	1	23.56	773
303	H.P. Government Dental College	1	23.04	778
304	H.P.T. Arts & R.Y.K. Science College	2	37.69	604
305	H.R.Patel Institute of Pharmaceutical Education & Research	2	51.25	494
306	Haldia Institute of Technology	1	24.21	767
307	Handique Girls College	1	18.44	837
308	Handloom Based Textile Production Development Centre	1	82.71	371
309	Hans Raj College	2	106.16	312
310	Harish Chandra Research Institute	3	346.68	124
311	Health Care Global Foundation	1	53.02	489
312	Hemwati Nandan Bahuguna Garhwal University	2	78.00	381
313	Himachal Pradesh University	1	10.00	899
314	Himalayan Organization for Protecting Environment	1	49.91	501
315	Himalayan Pharmacy Institute	3	58.40	455
316	Hindustan College of Engineering & Technology	1	5.74	927
317	Hindustan Institute of Technology	1	13.78	879
318	Hooghly Mohsin College	1	23.15	776
319	Hyderabad University	44	1822.12	17
320	I.K. Gujral Punjab Technical University	1	18.92	832
321	I.S.F. College of Pharmacy	1	26.86	744
322	ICAR-Central Arid Zone Research Institute	1	573.39	80
323	ICAR-Central Avian Research Institute	1	43.88	553
324	ICAR-Central Inland Fisheries Research Institute	1	34.18	641
325	ICAR-Central Institute for Cotton Research	1	27.20	741
326	ICAR-Central Institute for Research on Cotton Technology	1	162.20	230
327	ICAR-Central Institute for Research on Goats	4	169.00	224
328	ICAR-Central Institute for Women in Agriculture	1	5.25	930
329	ICAR-Central Institute of Agricultural Engineering	1	34.08	645
330	ICAR-Central Institute of Brackishwater Aquaculture	1	26.40	750
331	ICAR-Central Institute of Fisheries Technology	3	154.79	243
332	ICAR-Central Institute of Freshwater Aquaculture	1	44.50	550
333	ICAR-Central Institute of Post Harvest Engineering & Technology	1	27.86	734
334	ICAR-Central Institute of Research on Buffaloes	1	71.18	407
335	ICAR-Central Institute of Sub-Tropical Horticulture	1	40.33	577
336	ICAR-Central Island Agricultural Research Institute	1	41.33	570
337	ICAR-Central Marine Fisheries Research Institute	1	31.73	673
338	ICAR-Central Plantation Crops Research Institute	1	18.80	834
339	ICAR-Central Potato Research Institute	1	30.56	697
340	ICAR-Central Research Institute for Dryland Agriculture	4	81.16	376
341	ICAR-Central Research Institute for Jute & Allied Fibres	1	37.09	608
342	ICAR-Central Research Institute for Research on Cotton Technology	1	22.40	789
343	ICAR-Central Rice Research Institute	2	77.08	384
344	ICAR-Central Sheep & Wool Research Institute	1	45.24	541
345	ICAR-Central Soil Salinity Research Institute	2	77.39	383
346	ICAR-Central Tuber Crops Research Institute	2	62.03	442
347	ICAR-Directorate of Coldwater Fisheries Research	1	48.15	510
348	ICAR-Directorate of Medicinal & Aromatic Plants Research	1	37.56	606
349	ICAR-Directorate of Poultry Research	1	44.83	545
350	ICAR-Directorate of Rapeseed Mustard Research	2	64.46	428
351	ICAR-Indian Agricultural Research Institute	37	1291.66	27
352	ICAR-Indian Agricultural Statistics Research Institute	1	38.74	598
353	ICAR-Indian Institute of Agricultural Biotechnology	1	24.46	764
354	ICAR-Indian Institute of Horticultural Research	3	90.90	348
355	ICAR-Indian Institute of Maize Research	3	91.42	345
356	ICAR-Indian Institute of Millets Research	3	100.84	326
357	ICAR-Indian Institute of Pulses Research	2	85.64	360
358	ICAR-Indian Institute of Rice Research	4	157.65	237
359	ICAR-Indian Institute of Soil & Water Conservation	1	51.19	495
360	ICAR-Indian Institute of Soil Science	3	123.79	282
361	ICAR-Indian Institute of Spices Research	1	43.58	557
362	ICAR-Indian Institute of Sugarcane Research	1	24.03	770
363	ICAR-Indian Institute of Vegetable Research	1	41.94	565
364	ICAR-Indian Institute of Wheat & Barley Research	1	24.17	769
365	ICAR-Indian Veterinary Research Institute	12	536.19	83
366	ICAR-National Academy of Agricultural Research Management	1	5.50	928
367	ICAR-National Bureau of Agricultural Insects Resources	4	155.97	240
368	ICAR-National Bureau of Fish Genetic Resources	3	159.37	233
369	ICAR-National Bureau of Plant Genetic Resources	3	105.86	314
370	ICAR-National Bureau of Soil Survey & Land Use Planning	1	30.89	691

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
371	ICAR-National Dairy Research Institute	10	463.55	97
372	ICAR-National Institute for Plant Biotechnology	2	66.22	423
373	ICAR-National Institute of Animal Nutrition & Physiology	2	56.49	465
374	ICAR-National Institute of High Security Animal Diseases	2	63.30	435
375	ICAR-National Institute of Veterinary Epidemiology & Disease Information	2	66.88	420
376	ICAR-National Research Centre on Camel	2	70.08	410
377	ICAR-National Research Centre on Equines	2	94.66	341
378	ICAR-National Research Centre on Plant Biotechnology	8	236.93	172
379	ICAR-National Rice Research Institute	1	30.65	696
380	ICAR-Project Directorate on Poultry	2	152.46	246
381	ICAR-Regional Remote Sensing Centre - West	1	18.03	843
382	ICAR-Research Complex for North Eastern Hill Region	19	652.20	62
383	ICAR-Sugarcane Breeding Institute	3	102.80	321
384	ICMR-National Institute for Research in Reproductive Health	12	406.36	108
385	ICMR-National Institute for Research in Tuberculosis	1	14.45	876
386	ICMR-National Institute of Cholera & Enteric Diseases	2	88.88	353
387	ICMR-National Institute of Immunohaematology	3	123.30	283
388	ICMR-National Institute of Malaria Research	1	22.16	794
389	ICMR-National Institute of Nutrition	5	174.02	222
390	ICMR-National Institute of Pathology	3	145.86	251
391	ICMR-National Institute of Virology	3	64.19	429
392	ICMR-Regional Medical Research Centre	4	160.01	232
393	ICMR-Vector Control Research Centre	1	44.66	547
394	IIC Academy	1	2.50	936
395	Imphal College	2	48.11	511
396	Indian Association for the Cultivation of Science	19	713.34	56
397	Indian Cardamom Research Institute	1	25.35	758
398	Indian Centre for Space Physics	2	75.46	391
399	Indian Institute of Advanced Research	1	28.65	723
400	Indian Institute of Astrophysics	7	183.69	212
401	Indian Institute of Crop Processing Technology	2	59.98	448
402	Indian Institute of Engineering Science & Technology	10	287.23	149
403	Indian Institute of Geomagnetism	1	19.84	823
404	Indian Institute of Information Technology	12	314.54	138
405	Indian Institute of Information Technology, Design & Manufacturing	11	235.49	173
406	Indian Institute of Management (Ahmedabad)	1	181.04	214
407	Indian Institute of Management (Bangalore)	1	33.48	650
408	Indian Institute of Public Health	1	31.27	682
409	Indian Institute of Science	114	6754.60	4
410	Indian Institute of Science Education & Research (Berhampur)	5	167.24	227
411	Indian Institute of Science Education & Research (Bhopal)	36	1163.65	30
412	Indian Institute of Science Education & Research (Kolkata)	29	1030.62	35
413	Indian Institute of Science Education & Research (Mohali)	23	631.58	63
414	Indian Institute of Science Education & Research (Pune)	43	1296.11	26
415	Indian Institute of Science Education & Research (Tirupati)	12	377.36	116
416	Indian Institute of Science Education & Research (Trivandrum)	18	533.21	84
417	Indian Institute of Space Science & Technology	6	118.83	290
418	Indian Institute of Technology (Bhilai)	7	406.70	107
419	Indian Institute of Technology (BHU)	31	1329.75	25
420	Indian Institute of Technology (Bhubaneswar)	18	527.86	85
421	Indian Institute of Technology (Bombay)	102	7436.08	3
422	Indian Institute of Technology (Delhi)	70	3567.54	7
423	Indian Institute of Technology (Dhanbad)	40	1700.61	18
424	Indian Institute of Technology (Dharwad)	4	62.18	440
425	Indian Institute of Technology (Gandhinagar)	32	1268.51	28
426	Indian Institute of Technology (Guwahati)	56	1994.83	16
427	Indian Institute of Technology (Hyderabad)	51	2890.40	11
428	Indian Institute of Technology (Indore)	32	807.81	48
429	Indian Institute of Technology (Jammu)	2	98.39	332
430	Indian Institute of Technology (Jodhpur)	7	258.88	164
431	Indian Institute of Technology (Kanpur)	64	3205.74	9
432	Indian Institute of Technology (Kharagpur)	75	5657.39	5
433	Indian Institute of Technology (Madras)	99	9178.31	2
434	Indian Institute of Technology (Mandi)	13	437.80	104
435	Indian Institute of Technology (Palakkad)	6	176.54	219
436	Indian Institute of Technology (Patna)	27	703.91	57
437	Indian Institute of Technology (Roorkee)	52	2082.50	14
438	Indian Institute of Technology (Ropar)	27	942.46	39
439	Indian Institute of Technology (Tirupati)	7	190.39	208
440	Indian Institute of Tropical Meteorology	2	57.44	462
441	Indian Spinal Injuries Centre	1	21.96	797
442	Indian Statistical Institute	24	443.37	102
443	Indira Gandhi Agricultural University	2	61.04	447
444	Indira Gandhi Delhi Technical University for Women	2	41.26	571

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
445	Indira Gandhi Institute of Technology	3	61.41	445
446	Indira Gandhi National Tribal University	3	155.52	242
447	Indo-US Science & Technology Forum	1	730.28	55
448	Indraprastha Institute of Information Technology	9	187.30	210
449	Institute for Communicative & Cognitive Neuro Science	1	36.30	618
450	Institute for Social & Economic Change	1	17.15	851
451	Institute for Stem Cell Biology & Regenerative Medicine	5	232.22	175
452	Institute of Advanced Study in Science & Technology	6	180.54	215
453	Institute of Bioinformatics & Applied Biotechnology	1	29.79	704
454	Institute of Bioresources & Sustainable Development	2	105.57	316
455	Institute of Chemical Technology	7	273.84	158
456	Institute of Engineering & Management	1	27.35	739
457	Institute of Home Economics	1	29.01	716
458	Institute of Infrastructure Technology Research & Management	1	19.54	826
459	Institute of Life Sciences	9	1258.14	29
460	Institute of Liver & Biliary Sciences	5	208.17	190
461	Institute of Mathematical Sciences	7	96.71	336
462	Institute of Nano Science & Technology	6	328.94	129
463	Institute of Nuclear Medicine & Allied Sciences	1	34.40	638
464	Institute of Pesticide Formulation Technology	1	29.57	712
465	Institute of Post Graduate Ayurvedic Education & Research	1	36.79	611
466	Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital	1	125.96	277
467	Institute of Science	1	6.60	912
468	Institute of Seismological Research	2	49.02	506
469	Institute of Technical Education & Research	1	51.96	491
470	Institute of Trans-Disciplinary Health Sciences and Technology	1	46.63	530
471	Integral University	1	30.81	693
472	Inter University Accelerator Centre	1	29.77	706
473	Inter University Centre for Biomedical Research & Super Speciality Hospital	2	91.20	346
474	Interactive Research School for Health Affairs	2	53.09	488
475	International Advanced Research Centre for Powder Metallurgy & New Material	2	3936.85	6
476	International Centre for Genetic Engineering & Biotechnology	7	367.35	119
477	International Centre of Radio Science	1	12.32	884
478	International Crops Research Institute for the Semi-Arid Tropics	4	132.41	267
479	International Institute of Health Management Research	1	32.84	657
480	International Institute of Information Technology	10	384.91	114
481	International Rice Research Institute	1	46.31	532
482	Islamic University of Science & Technology	1	33.97	648
483	J.S.S. College of Arts, Commerce & Science	1	32.39	665
484	J.S.S. College of Pharmacy	4	129.25	272
485	Jadavpur University	29	791.02	50
486	Jagadguru Sri Shivarathreeshwara University	1	51.30	493
487	Jai Narain Vyas University	2	61.24	446
488	Jain University	10	559.51	81
489	Jamia Hamdard	10	448.12	100
490	Jamia Millia Islamia	13	757.51	53
491	Jammu University	5	145.81	252
492	Jawaharlal Darda Institute of Engineering & Technology	1	27.58	736
493	Jawaharlal Institute of P.G. Medical Education & Research	11	350.86	122
494	Jawaharlal Nehru Centre for Advanced Scientific Research	13	3430.70	8
495	Jawaharlal Nehru Institute of Medical Sciences	2	73.60	394
496	Jawaharlal Nehru Technological University	3	73.15	397
497	Jawaharlal Nehru Tropical Botanic Garden & Research Institute	5	133.21	265
498	Jawaharlal Nehru University	44	2117.33	13
499	Jaypee Institute of Information Technology	3	110.90	306
500	Jiwaji University	2	63.07	436
501	JNTUH College of Engineering	1	12.50	882
502	Jorhat Engineering College	2	29.90	703
503	Jyothy Institute of Technology	4	115.15	300
504	K.L. University	8	274.89	157
505	K.L.E Institute of Technology	1	28.74	720
506	K.L.E. College of Pharmacy	1	40.06	581
507	K.L.N. College of Engineering	1	36.65	614
508	K.S. Rangasamy College of Technology	1	9.41	901
509	Kaivalyadhama Yoga Institute	1	22.67	784
510	Kakatiya University	1	30.07	702
511	Kalasalingam Academy of Research & Higher Education	4	128.59	273
512	Kalinga Institute of Industrial Technology University	10	318.41	136
513	Kalyani University	5	184.42	211
514	Karnatak Science College	1	23.10	777
515	Karnatak University	1	37.40	607
516	Karpaga Vinayaga College of Engineering and Technology	1	0.20	939
517	Karpagam Academy of Higher Education	5	207.44	192
518	Karunya University	6	318.72	135

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
519	Kashmir University	16	595.17	74
520	Kasturba Medical College & Hospital	1	14.82	870
521	Kerala Agricultural University	1	30.50	698
522	Kerala Ayurveda Studies & Research Society	1	57.23	463
523	Kerala University	6	99.79	328
524	Kerala University of Fisheries & Ocean Studies	3	80.13	378
525	Kerala Veterinary & Animal Science University	2	61.88	443
526	Khallikote University	1	36.60	615
527	King Edward Memorial Hospital	1	46.38	531
528	King George's Medical University	3	115.37	299
529	Kirorimal College	1	6.60	920
530	Kohima Science College	1	30.34	699
531	Koneru Lakshmaiah Education Foundation	1	26.04	755
532	Kongu Engineering College	1	4.99	932
533	Kota University	2	49.75	502
534	Kottayam Social Service Society	1	31.10	686
535	Krantiguru Shyamji Krishna Verma Kachchh University	1	21.49	807
536	Krishi Vigyan Kendra	1	55.32	474
537	Kumaun University	2	124.90	281
538	Kurukshetra University	5	168.25	225
539	Kuvempu University	3	120.33	286
540	L.N.M. Institute of Information Technology	3	109.67	308
541	L.V. Prasad Eye Institute	7	337.32	127
542	Laboratory of Advanced Research in Polymeric Materials	1	29.26	713
543	Lady Brabourne College	1	57.95	458
544	Lady Doak College	1	34.21	640
545	Lal Bahadur Shastri College of Arts, Science and Commerce	1	21.68	803
546	Lala Lajpat Rai University of Veterinary & Animal Sciences	2	56.27	469
547	Lovely Professional University	3	101.18	325
548	Loyola College	3	72.17	401
549	Lucknow University	4	105.75	315
550	M.G. Science Institute	1	20.05	818
551	M.L.R. Institute of Technology & Management	1	33.47	651
552	M.P. Council of Science & Technology	3	48.46	508
553	M.S. Ramaiah Institute of Technology	1	33.32	652
554	M.S. Ramaiah Medical College & Teaching Hospital	1	27.53	738
555	M.S. Ramaiah University of Applied Sciences	2	48.21	509
556	M.S. Swaminathan Research Foundation	3	166.77	228
557	M.S. University of Baroda	5	139.33	259
558	M.V.G.R. College of Engineering	1	87.53	358
559	Madanapalle Institute of Technology & Science	4	138.43	260
560	Madhav Institute of Technology & Science	2	32.75	660
561	Madhya Pradesh State Spatial Data Infrastructure	1	295.00	147
562	Madras Christian College	1	35.04	630
563	Madras Diabetes Research Foundation.	2	71.58	405
564	Madras University	15	601.63	73
565	Madras Veterinary College	1	32.80	659
566	Madurai Kamaraj University	10	384.62	115
567	Maharaja Ranjit Singh Punjab Technical University	3	90.64	350
568	Maharana Pratap University of Agriculture & Technology	1	5.00	931
569	Maharashtra Animal & Fishery Sciences University	1	46.02	533
570	Maharashtra Institute of Technology	2	106.14	313
571	Maharshi Dayanand University	4	122.76	284
572	Mahatma Gandhi University	1	21.46	808
573	Mahindra Ecole Centrale	4	59.29	452
574	Malabar Christian College	1	54.95	478
575	Malabar Social Service Society	2	102.45	323
576	Malaviya National Institute of Technology	9	575.53	78
577	Mangalore University	2	57.86	459
578	Manipal Academy of Higher Education	4	98.70	330
579	Manipal College of Nursing	1	6.16	924
580	Manipal College of Pharmaceutical Sciences	4	47.02	525
581	Manipal Institute of Technology	1	34.03	646
582	Manipal University	18	628.85	64
583	Manipur University	8	292.46	148
584	Manonmaniam Sundaranar University	1	45.78	535
585	Mar Baselios College of Engineering & Technology	1	20.18	817
586	Mar Ephraem College of Engineering & Technology	1	15.56	863
587	Maris Stella College	1	6.60	914
588	Maulana Azad College	1	31.01	690
589	Maulana Azad National Institute of Technology (Bhopal)	3	81.73	373
590	Mental Health Foundation (India)	1	26.71	748
591	Mepco Schlenk Engineering College	1	32.01	671
592	Milliya Arts, Science & Management Science College	1	19.58	825

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
593	Ministry of Health & Family Welfare	1	117.33	294
594	Mizoram Science, Technology & Innovation Council	2	55.44	473
595	Mizoram University	18	684.43	60
596	Model Institute of Engineering & Technology	1	10.72	894
597	Mohanlal Sukhadia University	3	73.23	396
598	Mother Teresa Women's University	1	18.41	838
599	Motilal Nehru National Institute of Technology (Allahabad)	4	143.94	255
600	Mumbai University	3	98.34	333
601	Mysore University	2	49.56	503
602	N.I.I.T. University	1	17.28	850
603	N.I.T.T.E University	3	97.14	335
604	N.T.R. College of Veterinary Science	2	58.82	454
605	Nagaland Science & Technology Council	1	34.51	633
606	Nagaland University	6	204.05	196
607	Nagarjuna College of Engineering & Technology	1	17.05	852
608	Nanaji Deshmukh Veterinary Science University	1	36.05	620
609	Nansen Environmental Research Centre (India)	1	15.97	862
610	Nar Bahadur Bhandari Degree College	3	74.63	392
611	Narayana Nethralaya Foundation	2	98.21	334
612	Narsee Monjee Institute of Management Studies	3	104.48	318
613	Narula Institute of Technology	1	12.53	881
614	National Agri-Food Biotechnology Institute	3	136.39	262
615	National Atmospheric Research Laboratory	1	14.10	878
616	National Brain Research Centre	4	182.74	213
617	National Centre for Antarctic & Ocean Research	1	22.05	796
618	National Centre for Biological Sciences	8	286.73	150
619	National Centre for Cell Sciences	12	449.41	99
620	National Centre for Earth Sciences Studies	1	23.70	772
621	National Innovation Foundation -India	1	39.92	583
622	National Institute for Research in Environmental Health	2	72.96	399
623	National Institute of Advanced Studies	1	75.75	389
624	National Institute of Animal Biotechnology	12	523.97	87
625	National Institute of Biomedical Genomics	2	234.66	174
626	National Institute of Disaster Management	1	46.83	527
627	National Institute of Engineering	1	6.40	922
628	National Institute of Foundry and Forge Technology	1	21.19	809
629	National Institute of Health and Family Welfare	1	58.15	456
630	National Institute of Hydrology	3	1342.69	24
631	National Institute of Immunology	15	683.04	61
632	National Institute of Mental Health & Neuro Sciences	21	870.93	42
633	National Institute of Occupational Health	1	32.58	664
634	National Institute of Pharmaceutical Education & Research	15	505.10	88
635	National Institute of Plant Genome Research	13	627.42	66
636	National Institute of Science & Technology	3	119.73	289
637	National Institute of Science Education & Research	19	524.01	86
638	National Institute of Solar Energy	3	802.08	49
639	National Institute of Technical Teachers Training & Research	2	24.82	761
640	National Institute of Technology (Agartala)	5	144.73	254
641	National Institute of Technology (Andhra Pradesh)	1	27.80	735
642	National Institute of Technology (Arunachal Pradesh)	2	68.31	414
643	National Institute of Technology (Delhi)	4	196.42	203
644	National Institute of Technology (Durgapur)	12	326.85	130
645	National Institute of Technology (Goa)	2	68.29	415
646	National Institute of Technology (Hamirpur)	3	81.54	374
647	National Institute of Technology (Jalandhar)	1	15.00	866
648	National Institute of Technology (Jamshedpur)	6	103.61	320
649	National Institute of Technology (Karnataka)	13	424.47	105
650	National Institute of Technology (Kozhikode)	12	320.92	133
651	National Institute of Technology (Kurukshetra)	8	220.00	184
652	National Institute of Technology (Manipur)	1	43.90	551
653	National Institute of Technology (Meghalaya)	11	298.11	144
654	National Institute of Technology (Mizoram)	1	83.93	364
655	National Institute of Technology (Nagaland)	2	90.69	349
656	National Institute of Technology (Nagpur)	1	14.36	877
657	National Institute of Technology (Patna)	6	190.99	205
658	National Institute of Technology (Puducherry)	2	46.85	526
659	National Institute of Technology (Raipur)	9	174.91	221
660	National Institute of Technology (Rourkela)	46	1385.14	22
661	National Institute of Technology (Silchar)	2	56.32	468
662	National Institute of Technology (Srinagar)	1	7.02	908
663	National Institute of Technology (Tiruchirapalli)	21	593.95	75
664	National Institute of Technology (Tripura)	1	24.85	760
665	National Institute of Technology (Warangal)	18	574.05	79
666	National Institute of Tuberculosis & Respiratory Diseases	2	204.80	195

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
667	National Remote Sensing Centre	1	12.47	883
668	Nature Conservation Foundation	1	38.03	602
669	Nehru Memorial College	3	75.91	387
670	Netaji Subhas Institute of Technology	1	45.28	540
671	Nirma University	1	28.80	719
672	Nirma University of Science & Technology	1	38.73	599
673	Nizam's Institute of Medical Sciences	1	125.96	279
674	Non-Ferrous Materials Technology Development Centre (NFTDC)	1	856.50	45
675	North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences	1	19.19	830
676	North Eastern Regional Institute of Sciences & Technology	13	465.96	96
677	North Eastern Space Application Centre	1	26.33	751
678	North Maharashtra University	2	39.22	594
679	North Orissa University	2	18.54	835
680	North-Eastern Hill University	16	616.33	70
681	Northern Eastern Regional Institute of Management	1	6.00	925
682	Nowgong College	1	47.31	519
683	Oil & Natural Gas Corporation Limited	1	324.52	132
684	Organization for Developmental Services	1	45.60	536
685	Osmania University	9	262.02	162
686	P.D.A. College of Engineering	1	17.64	848
687	P.E.S. Institute of Technology	2	40.74	573
688	P.E.S. University	2	53.21	487
689	P.G. Institute of Medical Education & Research	26	2009.99	15
690	P.S.G. College of Technology	14	698.20	58
691	P.S.G. Institute of Advanced Studies	3	75.52	390
692	P.S.G. Institute of Technology & Applied Research	1	48.95	507
693	PACE Institute of Technology & Sciences	1	32.16	668
694	Pachhunga University College	2	81.27	375
695	Padmabhushan Dr. Vasanttraodada Patil Mahavidyalaya	1	27.93	732
696	Padmashree Dr. Vithalrao Vikhe Patil Foundation's College of Pharmacy	1	29.65	711
697	Padmasri Dr. B.V. Raju Institute of Technology	1	64.76	427
698	Pandit Deendayal Petroleum University	7	742.18	54
699	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya	1	28.62	724
700	Panimalar Engineering College	1	10.00	898
701	Panjab University	28	981.69	36
702	Patkai Christian College	1	26.12	753
703	Periyar University	7	207.83	191
704	Physical Reserch Laboratory	2	41.14	572
705	Pondicherry Engineering College	5	70.07	411
706	Pondicherry Institute of Medical Sciences	2	16.62	856
707	Pondicherry University	19	618.40	69
708	Poona College of Pharmacy	1	12.00	889
709	Poomima College of Engineering	1	6.60	917
710	Praj Industries Limited	1	65.48	425
711	Pramukhswami Medical College	1	16.12	860
712	Presidency College	1	26.79	746
713	Presidency University	7	251.95	167
714	Principal K.M. Kundnani College of Pharmacy	2	38.61	600
715	PRIST University	1	30.10	701
716	Prof. Ram Megha Institute of Technology & Research	1	14.94	868
717	Pt. Ravishankar Shukla University	4	200.12	198
718	Public Health Foundation of India	1	37.88	603
719	Pune University	3	127.03	275
720	Punjab Agricultural University	12	978.35	37
721	Punjab Engineering College	1	50.58	499
722	Punjab State Council for Science & Technology	3	133.72	264
723	Punjabi University	2	71.42	406
724	R.C. Patel Institute of Pharmaceutical Education & Research	1	15.45	864
725	R.C.C. Institute of Information Technology	1	8.08	903
726	R.K. University	1	7.28	906
727	R.K.D.F. University	1	38.50	601
728	R.P.S. Degree College	1	18.24	841
729	R.V. College of Engineering	5	190.50	207
730	Rabindernath Tagore University	1	27.15	742
731	Raghavendra Institute Pharmaceutical Education & Research	1	42.34	563
732	Rajalakshmi Engineering College	2	50.63	498
733	Rajasthan Electronics & Instruments Limited (REIL)	2	84.96	362
734	Rajasthan University	6	153.26	244
735	Rajeev Gandhi Memorial College of Engineering & Technology	1	34.41	637
736	Rajiv Gandhi Centre for Biotechnology	18	917.97	41
737	Rajiv Gandhi College of Engineering, Research & Technology	1	12.00	888
738	Rajiv Gandhi Institute of Petroleum Technology	2	49.93	500
739	Rajiv Gandhi University	3	94.85	340
740	Ram Chandra Uniyal Government Post Graduate College	1	112.14	304

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
741	Ram Krishna Dharmarth Foundation University	1	39.00	596
742	Ram Manohar Lohia Hospital	1	54.91	480
743	Rama Devi Women's University	1	42.73	561
744	Ramakrishna Mission Residential College	1	24.62	763
745	Ramakrishna Mission Vivekananda Educational & Research Institute	1	6.60	918
746	Ramakrishna Mission Vivekananda University	1	6.60	910
747	Raman Research Institute	2	67.96	416
748	Ramnarain Ruia College	1	42.00	564
749	Ramniranjan Jhunjhunwala College	1	20.61	813
750	Rani Lakshmi Bai Central Agricultural University	1	23.49	775
751	Rashtrasant Tukadoji Maharaj Nagpur University	3	112.47	302
752	Ravenshaw University	2	96.33	337
753	Regional Cancer Centre	3	311.45	139
754	Regional Centre for Biotechnology	4	214.14	188
755	Regional Dental College	1	11.10	891
756	Regional Eri Research Station	1	21.58	805
757	Regional Plant Resource Centre	1	20.84	811
758	Remote Sensing Application Centre	1	17.68	847
759	Research & Information System for Developing Countries	1	75.75	388
760	Reva University	3	93.04	343
761	Rungta College of Engineering & Technology	1	6.88	909
762	S.A. Engineering College	2	55.26	475
763	S.C.B. Medical College	1	125.96	278
764	S.G.T. University	2	28.57	725
765	S.G.T.B. Khalsa College	1	14.70	874
766	S.N. Bose National Centre for Basic Sciences	3	107.29	309
767	S.R.M. Institute of Sciences & Technology	7	172.17	223
768	S.R.M. Medical College Hospital & Research Centre	1	31.15	684
769	S.R.M. University	21	870.21	44
770	S.S.N. College of Engineering	10	279.97	153
771	Sagi Ramakrishnam Raju Engineering College	1	71.78	403
772	Saha Institute of Nuclear Physics	4	139.97	257
773	Sahyadri Science College	1	67.40	418
774	Salim Ali Centre for Ornithology & Natural History	1	47.11	522
775	Sam Higginbottom Institute of Agriculture, Technology & Sciences	2	256.91	166
776	Sambalpur University	2	64.09	430
777	Sami Labs Limited	7	342.83	126
778	Sampada Institute for Social Awareness Samiti	1	59.52	450
779	Sandip University	1	43.82	554
780	Sanjay Gandhi P.G. Institute of Medical Sciences	9	618.51	68
781	Sanjay Godawat Group of Institution	1	26.80	745
782	Sanjivani College of Engineering	1	10.79	893
783	Sant Longowal Institute of Engineering & Technology	3	58.00	457
784	Sardar Patel University	2	34.10	644
785	Sardar Vallabhbhai National Institute of Technology	4	117.37	292
786	Sardarkrushinagar Dantiwada Agricultural University	1	31.13	685
787	Saroj Gupta Cancer Centre & Research Institute	2	72.56	400
788	SASTRA University	25	688.33	59
789	Sathyabama University	8	282.51	151
790	Savitribai Phule Pune University	14	350.74	123
791	Savitribai Phule Shikhashan Prasarak Mandals	1	28.70	721
792	Sharda University	4	125.94	280
793	Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu)	9	316.06	137
794	Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir)	13	394.11	113
795	Sher-I-Kashmir Institute of Medical Sciences	1	22.65	785
796	Shiv Nadar University	9	319.51	134
797	Shivaji University	8	129.56	270
798	Shri Atmanand Jain P.G. College	1	6.60	919
799	Shri Guru Gobind Singhji Institute of Engineering & Technology	1	8.00	904
800	Shri Mata Vaishno Devi University	2	39.83	585
801	Shri Vishnu Engineering College for Women	1	35.31	627
802	Shriram Institute for Industrial Research	1	24.43	765
803	Siddaganga Institute of Technology	2	63.92	432
804	Sidho Kanho Birsha University	2	612.48	71
805	Sikkim Manipal University	6	100.61	327
806	Sikkim University	5	196.13	204
807	Siksha O Anusandhan University	3	104.54	317
808	Silchar Medical College & Hospital	1	35.76	625
809	Silicon Institute of Technology	1	26.11	754
810	Siliguri Institute Of Technology	1	33.56	649
811	Sir M. Visvesvaraya Institute of Technology	2	40.50	576
812	Sir P.T. Sarvajani College of Science	1	18.53	836
813	Sitaram Bhattia Institute of Science & Research	1	29.01	717
814	Social Awareness Through Human Involvement	1	20.22	816

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
815	Socio Economic Development Corporation Trust	1	14.95	867
816	Solmari Hindi Vidhyapeeth & Welfare Society	1	24.19	768
817	Sona College of Engineering	1	20.00	819
818	Sona College of Technology	1	47.10	523
819	Sophia Girls College	1	2.50	937
820	South Asian University	9	230.17	177
821	Special Centre for Nano Science	1	101.18	324
822	Sree Chaitanya College	1	35.91	622
823	Sree Chitra Tirunal Institute for Medical Sciences & Technology	6	606.57	72
824	Sree Sashta Institute of Engineering & Technology	1	12.22	885
825	Sree Vidyanikethan Engineering College	2	62.40	439
826	Sreenidhi Institute of Science & Technology	1	47.13	521
827	Sri Balaji Vidyapeeth	1	45.19	542
828	Sri Guru Granth Sahib World University	1	41.62	567
829	Sri Krishna College of Engineering & Technology	2	44.58	548
830	Sri Padmapat Singhania University	1	6.60	913
831	Sri Pratap College	2	71.89	402
832	Sri Ramachandra Institute of Higher Education & Research	1	31.28	681
833	Sri Ramachandra University	3	83.00	368
834	Sri Ramakrishna Engineering College	1	26.90	743
835	Sri Ramakrishna Institute of Technology	1	14.75	873
836	Sri Sathya Sai Institute of Higher Learning	5	220.62	183
837	Sri Sathya Sai Institute of Higher Medical Sciences	1	32.65	662
838	Sri Sri Institute of Advanced Research	1	57.70	461
839	Sri Venkateswara College	1	35.19	628
840	Sri Venkateswara College of Engineering	2	30.67	694
841	Sri Venkateswara University	2	63.93	431
842	Sri Venkateswara Veterinary University	2	65.26	426
843	Sridevi Women's Engineering College	1	8.80	902
844	St. Alberts College	1	27.97	730
845	St. Aloysius College	1	20.40	815
846	St. John's College	1	30.24	700
847	St. John's Medical College & Hospital	2	176.46	220
848	St. John's Research Institute	2	102.57	322
849	St. Joseph College	2	83.14	367
850	St. Joseph's College	1	43.35	558
851	St. Peter's Institute of Higher Education and Research	1	29.74	707
852	St. Philomena's College	1	32.65	663
853	St. Thomas College	1	32.70	661
854	St. Xavier's College	6	189.17	209
855	State Council of Science, Technology & Environment	2	93.18	342
856	State Remote Sensing Application Centre	1	31.28	680
857	Suganthi Devadason Marine Research Institute	1	27.33	740
858	Surendranath Evening College	1	19.89	822
859	Suresh Gyan Vihar University	1	16.25	857
860	SVKM's Narsee Monjee Institute of Management Studies	1	40.67	574
861	Symbiosis Institute of Geoinformatics	1	2.50	935
862	Symbiosis Institute of Technology	1	16.24	858
863	Symbiosis International University	1	22.60	788
864	Symbiosis School of Biological Sciences	1	36.95	609
865	Tamil Nadu Agricultural University	18	585.85	76
866	Tamil Nadu Dr. M.G.R. Medical University	2	62.79	437
867	Tamil Nadu Fisheries University	1	39.68	589
868	Tamil Nadu Veterinary & Animal Sciences University	5	301.20	142
869	Tata Institute of Fundamental Research	17	295.24	146
870	Tata Institute of Social Sciences	2	43.14	559
871	Tata Medical Center	1	34.02	647
872	Tata Memorial Centre	4	209.33	189
873	Techno India University	1	19.50	827
874	Telangana University	1	28.55	726
875	TERI University	4	157.54	238
876	Tezpur Medical College & Hospital	1	19.99	820
877	Tezpur University	37	1135.69	31
878	Thambal Marik College	1	34.18	642
879	Thapar University	17	368.36	118
880	The Energy & Resources Institute	7	346.61	125
881	The George Institute for Global Health	1	44.57	549
882	The Neotia University	1	36.32	617
883	The New College	2	66.44	422
884	The North Cap University	1	23.95	771
885	Thiagarajar College of Engineering	4	99.63	329
886	Thirumala Devasworn Medical College	1	3.48	933
887	Translational Health Science & Technology Institute	6	158.23	236
888	Tribal Welfare Society	2	62.14	441

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2018-19)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
889	Tripura University	8	243.44	170
890	Triveni Devi Bhalotia College	1	6.18	923
891	Tuljaram Chaturchand College of Arts, Science & Commerce	1	35.87	623
892	U.K.A Tarsadia University	1	29.06	715
893	U.P. Pandit Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwavidhyalaya E	1	84.99	361
894	UGC-DAE Consortium for Scientific Research	3	139.52	258
895	Union Christian College	2	29.25	714
896	University & Institute of Advanced Research	2	80.81	377
897	University College of Engineering	4	70.31	409
898	University Institute of Technology	2	28.23	728
899	University of Agricultural Sciences	2	90.58	351
900	University of Horticultural Sciences	1	39.10	595
901	University of Petroleum & Energy Studies	1	40.30	578
902	University of Science & Technology	1	10.00	896
903	Utkal University	2	66.18	424
904	Uttar Banga Krishi Vishwavidyalaya	2	83.60	365
905	V.N.R Vignana Jyothi Institute of Engineering & Technology	2	22.88	781
906	V.O. Chidambaram College	1	34.32	639
907	Vallabhbhai Patel Chest Institute	1	26.59	749
908	Vardhaman College of Engineering	2	116.36	297
909	Variable Energy Cyclotron Centre	1	18.90	833
910	Varsha Bioscience & Technology India Private Limited	1	13.26	880
911	Veer Bahadur Singh Purvanchal University	1	22.23	791
912	Veer Surendra Sai University of Technology	3	83.00	369
913	Veer mata Jijabai Technological Institute	3	55.76	472
914	Velammal College of Engineering & Technology	1	10.00	897
915	Vellore Institute of Technology University	49	1443.45	20
916	Vels University	2	73.38	395
917	Vidyasagar Evening College	1	47.28	520
918	Vidyasagar University	1	31.05	688
919	Vignan's Foundation for Science, Technology & Research	2	54.94	479
920	Vijayanagar Institute of Medical Science	1	20.65	812
921	Virudhunagar Hindu Nadars' Senthikumara Nadar College	1	26.14	752
922	Vishwakarma Institute of Technology	1	6.60	915
923	Vision Research Foundation	3	151.48	248
924	Visva Bharati University	10	500.33	90
925	Visvesvaraya National Institute of Technology (Nagpur)	9	279.22	155
926	Vivekanand Education Society's College of Pharmacy	1	36.76	612
927	Vivekanand Education Society's Institute of Technology	1	3.08	934
928	Vivekananda Institute of Biotechnology	1	119.84	288
929	Wadia Institute of Himalayan Geology	5	117.25	296
930	West Bengal State University	1	22.20	792
931	West Bengal University of Animal & Fishery Sciences	2	134.51	263
932	Wildlife Institute of India	2	62.75	438
933	Y.B. Chavan College of Pharmacy	1	36.55	616
934	Yashwantrao Chavan College of Engineering	2	59.13	453
935	Yenepoya University	8	310.23	140
936	Yogi Vermana University	2	96.09	339
937	Zakir Husain College	1	33.05	653
938	Zandu Foundation of Health Care	1	63.82	434
939	Zoological Survey of India	8	279.28	154
	Individual Scientists & Others	0	0	
Grand Total		4616	209104.02	

Note * Order is based on total approved cost

STATE-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS DURING 2018-19

(Rs. Lakh)

No.	State/UT	No. of Projects	Total Approved Cost
1	Andaman & Nicobar	1	41.33
2	Andhra Pradesh	85	2987.98
3	Arunachal Pradesh	19	657.20
4	Assam	228	7400.74
5	Bihar	41	1211.45
6	Chandigarh	67	3438.18
7	Chhattisgarh	27	979.04
8	Delhi	464	21569.31
9	Goa	26	706.46
10	Gujarat	106	4128.31
11	Haryana	74	3245.91
12	Himachal Pradesh	43	1296.35
13	Jammu & Kashmir	75	2683.79
14	Jharkhand	64	2816.33
15	Karnataka	387	19305.93
16	Kerala	197	17285.43
17	Madhya Pradesh	122	3935.20
18	Maharashtra	380	17079.09
19	Manipur	28	966.65
20	Meghalaya	49	1631.97
21	Mizoram	26	1032.84
22	Nagaland	13	421.67
23	Odisha	149	5578.60
24	Puducherry	39	1128.12
25	Punjab	157	5607.07
26	Rajasthan	101	3922.15
27	Sikkim	17	429.77
28	Tamil Nadu	558	24666.75
29	Telangana	279	16551.51
30	Tripura	23	743.04
31	Uttar Pradesh	344	16099.42
32	Uttarakhand	82	4473.95
33	West Bengal	345	15082.48
Grand Total		4616	209104.02

**DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS BY
NUMBER OF PROJECTS DURING 2018-19**

S. No.	Institute	Total Number of Projects
1	Indian Institute of Science (Bengaluru)	114
2	Indian Institute of Technology (Bombay)	102
3	Indian Institute of Technology (Madras)	99
4	All India Institute of Medical Sciences (Delhi)	78
5	Indian Institute of Technology (Kharagpur)	75
6	Indian Institute of Technology (Delhi)	70
7	Indian Institute of Technology (Kanpur)	64
8	Indian Institute of Technology (Guwahati)	56
9	Indian Institute of Technology (Roorkee)	52
10	Indian Institute of Technology (Hyderabad)	51
11	Birla Institute of Technology & Science (Pilani)	51
12	Vellore Institute of Technology University (Vellore)	49
13	National Institute of Technology (Rourkela)	46
14	Delhi University (Delhi)	44
15	Hyderabad University (Hyderabad)	44
	Total	995

**DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS BY
TOTAL APPROVED COST DURING 2018-19**

S. No.	Institute	Total Approved Cost of Projects (Rs. Crore)
1	Centre for Development of Advanced Computing (C-DAC) (Pune)	101.88
2	Indian Institute of Technology (Madras)	91.78
3	Indian Institute of Technology (Bombay)	74.36
4	Indian Institute of Science (Bengaluru)	67.55
5	Indian Institute of Technology (Kharagpur)	56.57
6	International Advanced Research Centre for Powder Metallurgy & New Materials (Hyderabad)	39.37
7	Indian Institute of Technology (Delhi)	35.68
8	Jawaharlal Nehru Centre for Advanced Scientific Research (Bengaluru)	34.31
9	Indian Institute of Technology (Kanpur)	32.06
10	All India Institute of Medical Sciences (Delhi)	30.15
11	Indian Institute of Technology (Hyderabad)	28.90
12	Delhi University (Delhi)	22.21
13	Jawaharlal Nehru University (Delhi)	21.17
14	Indian Institute of Technology (Roorkee)	20.82
15	P.G. Institute of Medical Education & Research (Chandigarh)	20.10
	Total	676.91

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