

WISE-KIRAN Division
List of projects Sanctioned during 2016-17 under
Women Scientists Scheme-A (WOS-A)

Sl. No.	Project details	PI's details	Total Cost (In Rs)
PHYSICAL & MATHEMATICAL SCIENCES			
1.	SR/WOS-A/PM-1003/2015 Nonlinear behavior of electrochemical systems	Dr. Sangeeta Negi University of Delhi, Delhi-110007 Delhi	2710000
2.	SR/WOS-A/PM-1006/2015 Preparation and characterization of ferroelectric-ferrite composites	Ms. Rubiya Samad University of Kashmir, Hazratbal, Srinagar-190006 J & K	2610000
3.	SR/WOS-A/PM-1007/2015 Study of polymer nanocomposite for solar cell applications	Ms. Chetna Tyagi ITM University, Sector-23A, Gurgaon-122017 Haryana	2430000
4.	SR/WOS-A/PM-1015/2015 Performance evaluation of multilayer plasmonic structures with applications in sensing and imaging	Ms. Jayeta Banerjee University of Calcutta, Acharya Prafulla Chandra Siksha Prangan, Kolkata-700098 West Bengal	1830000
5.	SR/WOS-A/PM-1021/2015 Study of electrical optical and magnetic properties in doped CeO ₂	Ms. Swati Soni University of Kota, Maharao Bhim Singh Marg, Near Kabir Circle, Kota-324010 Rajasthan	2420000
6.	SR/WOS-A/PM-1036/2015 Performance study of luminescent solar concentrators with rare-earth complexes in PMMA matrix and prospects of recycled rare-earth particles as luminophores	Ms. Brindha V.G. Mohan The American College, Madurai-625002 Tamil Nadu	1890000
7.	SR/WOS-A/PM-1042/2015 Ab-initio studies of optical properties of novel photovoltaic materials	Dr. Anu Bala Shiv Nadar University, NH-91, Tehsil Dadri, Gautam Budh Nagar-201314 Uttar Pradesh	2335000
8.	SR/WOS-A/PM-1043/2015 A robust development of continuous sampling plan and skin lot sampling plan	Ms V Nirmala Bharathiar University, Coimbatore-641046 Tamil Nadu	1765000

9.	SR/WOS-A/PM-1051/2015 Synthesis, characterization and study of sensing properties of transition metal ions ZnO based nanoparticles	Ms. Swathi Anneboina Institute of Technology and Management, Gowdavelly (Village), Medchal (Mandal), Ranga Reddy Dist.-501401 Telangana	1750000
10.	SR/WOS-A/PM-1059/2015 Analytic and numerical study on dynamics of biological species with delay	Dr. Atasi Patra Maiti Indian Institute of Technology, Kharagpur-721302 West Bengal	2414000
11.	SR/WOS-A/PM-2/2016 Development of parallel algorithms for multi-canonical monte carlo technique: application to liquid crystal models	Dr. Kamala Latha Banda University of Hyderabad, P.O. Central University, Hyderabad-500046 Telangana	2409000
12.	SR/WOS-A/PM-3/2016 Synthesis, characterization and collective properties of active particles	Ms. Reenu Mary Kuriakose Sathyabama University, Rajiv Gandhi Salai, Chennai-600119 Tamil Nadu	1380000
13.	SR/WOS-A/PM-4/2016 Quasiclassical methods for degenerate Fermi systems in confined geometries low dimensions	Dr Priya Sharma Indian Institute of Science, Bangalore-560012 Karnataka	2405000
14.	SR/WOS-A/PM-8/2016 Study of microscopic optical potential with three body forces and equation of State	Dr. Manjari Sharma Aligarh Muslim University, Aligarh-202002 Uttar Pradesh	2421000
15.	SR/WOS-A/PM-10/2016 Development of relativistic opacity code for hot and dense plasma	Dr. Madhulita Das National Institute of Technology Rourkela-769088 Odisha	2410000
16.	.SR/WOS-A/PM-11/2016 Moulding of two advanced materials for technical applications	Dr. Chhayabrita Maji Indian Association for the Cultivation of Science, Kolkata-700032 West Bengal	2180000
17.	SR/WOS-A/PM-14/2016 Some current quantum mechanical problems in linear and nonlinear quantum systems	Dr. Anjana Sinha Indian Statistical Institute, Barrackpore Trunk Road, Kolkata-700108 West Bengal	2430000

18.	SR/WOS-A/PM-16/2016 Nanocomposites of rare earth orthoferrites RFeO ₃ : An approach towards multiferroicity	Dr. Smita Chaturvedi Indian Institute of Science Education & Research, Pune-411021 Maharashtra	2955000
19.	SR/WOS-A/PM-18/2016 Trajectory controllability of nonlinear systems using fractional calculus	Ms. Divya Raghavan Indian Institute of Technology, Roorkee-247667, Uttarakhand	1375000
20.	SR/WOS-A/PM-21/2016 Dynamic phase transitions in complex networks	Ms Ashwini Vishal Mahajan Savitribai Phule University, Pune-411007 Maharashtra	1935000
21.	SR/WOS-A/PM-25/2016 Scalable production of grapheme oxide, its derivatives and applications in: Metal detection in water and toxicity assay in beauty creams, Targeted drug delivery & Industrial application of β -amylase	Dr. Mahe Talat Banaras Hindu University, Varanasi-221005 Uttar Pradesh	2508000
22.	SR/WOS-A/PM-31/2016 Primes of the form x^2+ny^2 with Legendre $(x m)=\pm 1$, Legendre $(y m)=0$ and Legendre $(x m)=0$, Legendre $(y m)=\pm 1$ for some $m \in \mathbb{N}$ and related problems	Dr. Sushma Palimar Indian Institute of Science, Bangalore-560012 Karnataka	2410000
23.	SR/WOS-A/PM-40/2016 Nonlinearities in semiconductor optical amplifiers (SOA)	Dr. Pragya Hejib University of Delhi, South Campus, New Delhi-110021 Delhi	2904000
24.	SR/WOS-A/PM-44/2016 Synthesis & characterization of environmental friendly thermoelectric materials for renewable energy applications	Ms Sarita Devi Sharma GGS Indraprastha University, Sector-16 C, Dwarka, New Delhi-110078 Delhi	2342000
25.	SR/WOS-A/PM-47/2016 Substitution induced multifunctional behavior of oxide materials	Dr Deepika Tripathi Barkatullah University, Bhopal-462026 Madhya Pradesh	2620000
26.	SR/WOS-A/PM-58/2016 Laser driven THz radiation	Dr. Rakhee Malik Indian Institute of Technology Delhi, Hauz Khas	2450000

	generation in plasmas and metal films	New Delhi-110016 Delhi	
27.	SR/WOS-A/PM-65/2016 Tailoring the properties of InGaN/TiO ₂ nano-heterostructures for the fabrication of efficient water splitters	Dr. C Saraswathi International Centre for Materials Science & Chemistry and Physics of Materials Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore-560064 Karnataka	3168000
CHEMICAL SCIENCES			
28.	SR/WOS-A/CS-1051/2014 Greener synthetic protocols for chromenes and chromone derivatives	Ms. Naga Prathima Osmania University, Hyderabad-500007 Telengana	1845000
29.	SR/WOS-A/CS-1084/2014 Design and structural studies of PDK-1 (Anticancer target) inhibitors	Dr. Vennila Kailasam Natesan The Gandhigram Rural Institute (Deemed University) Gandhigram-624302 Tamil Nadu	2750000
30.	SR/WOS-A/CS-1003/2015 One-pot synthesis of isoquinolines from oximes over Nb-containing-mixed phase-mesoporous/microporous materials via Beckmann rearrangement cum ring-closing reaction	Dr. Rani S. Jha National Chemical Laboratory, Pune-411008 Maharashtra	2730000
31.	SR/WOS-A/CS-1012/2015 Development of colon specific drug delivery system using natural carbohydrate polymer capped, photoluminescent mesoporous silica nanoparticle	Ms. Soumyashree Dhal National Institute of Technology Rourkela-769008 Odisha	1650000
32.	SR/WOS-A/CS-1015/2015 Development of one step flame method at liquid-liquid interface: A novel method for synthesis of semiconductors quantum dots thin film	Ms. Aarti Prashant Gaikwad National Chemical Laboratory, Pune-411008 Maharashtra	1620000
33.	SR/WOS-A/CS-1020/2015 Design and development of metal/metal oxides nano	Dr Archana Chaudhary Indian Institute of Technology Indore, Khandwa Road, Simrol,	2720000

	particles and their catalytic applications	Indore-452020 Madhya Pradesh	
34.	SR/WOS-A/CS-1024/2015 Synthesis of indole based carbo- /heterocycles via base catalyzed intermolecular cyclization of allenylindoles with rtho functionalized aldehydes	Dr. Uruvakili Anasuyamma University of Hyderabad, Gachibowli, Hyderabad-500046 Telengana	3220000
35.	SR/WOS-A/CS-1030/2015 Synthesis, characterization, biological & computational study of series of 1-[-oxo-3pheny1-2- (benzosulfonamide)- propylamido]-anthracene-9,10- dione analog–Anthraquinone based anticancer drugs	Ms. Manu Vatsal National Institute of Technology, Hamirpur-177005 Himachal Pradesh	2430000
36.	SR/WOS-A/CS-1035/2015 Synthesis of water soluble cobalt complexes and their catalytic activities in aqueous and biphasic medium	Ms. Anita Bhatia National Institute of Technology Kurukshetra, Kurukshetra-136119 Haryana	2320000
37.	SR/WOS-A/CS-1042/2015 Synthesis, characterization and application of novel magnetically recoverable functionalized nano- catalysts for various organic transformations	Dr. Ramani Thekkathu National Institute of Technology Calicut, Kozhikode-673601 Kerala	3300000
38.	SR/WOS-A/CS-1045/2015 Electrochemical investigation of nanocomposite based catalysts for CO ₂ . reduction reaction in energy harvesting system	Ms. Swarda Nitin Khatavkar Savitribai Phule Pune University, Ganeshkhind, Road, Pune-411007 Maharashtra	1700000
39.	SR/WOS-A/CS-1054/2015 Synthesis, fabrication and development of grapheme based gas sensors for detection of ammonia (NH ₃), Nitrogen Oxides (NO _x) and Carbon Monoxide (CO)	Dr. Sanhita Majumdar Indian Institute of Engineering Science & Technology (IEST), Shibpur, Botanic Garden, Howrah-711103 West Bengal	3000000
40.	SR/WOS-A/CS-1074/2015 Synthesis and characterization of substituted cyclophosphazenes and electrospun polyphosphazene blends for	Ms. Vidya Krishnamoorthy Anna University, Chennai-600025 Tamil Nadu	1440000

	agricultural applications		
41.	SR/WOS-A/CS-10/2016 Synthesis, characterization and application of green bio nano composites for environmental remediation	Dr Nalini Sankarsramakrishnan Indian Institute of Technology, Kanpur-208016 Uttar Pradesh	3000000
42.	SR/WOS-A/CS-20/2016 Development of multi-elementally and nano morphologically modified advanced light weight carbon nano tubes (CNTS) based radiation shielding bandage useful for broad application spectrum	Dr Sarika Verma Advanced Materials &Processes Research Institute, Bhopal-462026 Madhya Pradesh	2495000
43.	SR/WOS-A/CS-36/2016 Development of internally plasticized high impact grapheme/Clay-polyvinyl chloride nanaocomposites	Dr Sukanya Satapathy Indian Institute of Chemical Technology, Hyderabad-500007 Telengana	2618000
LIFE SCIENCES			
44.	SR/WOS-A/LS-1074/2015 Innovative downstream processing techniques for the extraction and purification of bioactive compounds from medicinal plants	Dr. MC Lakshmi University of Mysore, Manasagangotri, Mysore-570006 Karnataka	3268000
45.	SR/WOS-A/LS-1075/2015 Investigation on the plausible association of HMGB1 gene aberrations with oral cancers and the in vitro effect of HMGB1 on cell cycle, proliferation, apoptosis, invasion and metastasis	Dr Saritha Katta Basavatarakam Indo-American Cancer Hospital and Research Institute, Hyderabad-500034 Telengana	3278000
46.	SR/WOS-A/LS-1086/2014 Carrier mediated delivery of antitubercular drug (S) for management of pulmonary tuberculosis	Ms. Archana Bagre Vedica College of B. Pharmacy Gondermau, Gandhi Nagar, Bhopal-462033 Madhya Pradesh	2443000
47.	SR/WOS-A/LS-1218/2014 Production and molecular characterization of Exo-	Ms Noor Afsha National Dairy Research Institute,	2266000

	polysaccharides from lactic acid bacteria for texture improvement of food products	Bengaluru-560030 Karnataka	
48.	SR/WOS-A/LS-1222/2014 Development & evaluation of novel formulation of herbal bioactives for treatment of epilepsy	Ms. Deepika Yadav B.S. Anangpuria Institute of Pharmacy, Alampur, Faridabad-121004 Haryana	1936000
49.	SR/WOS-A/LS-1329/2014 Development of bicistronic DNA Vaccine for classical swine fever with GM-CSF as a molecular adjuvant	Dr. Sarika Sasi Institute of Animal Health & Veterinary Biologicals Hebbal, Bangalore-560032 Karnataka	3215000
50.	SR/WOS-A/LS-1021/2015 Molecular characterization of Agr & Toxin-Antitoxin systems of hospital & community acquired MRSA isolated from India to understand its role in biofilm and multidrug tolerance	Ms. Sonia Jain Indian Institute of Chemical Biology, 4 Raja S.C. Mullick Road, Kolkata-700032 West Bengal	2030000
51.	SR/WOS-A/LS-1089/2015 Recovery of avian infectious bronchitis virus from cDNA (B17 strain)	Ms. Shilpa Panikparambil Madras Veterinary College, Chennai-600007 Tamil Nadu	2485000
52.	SR/WOS-A/LS-1109/2015 Neuro-modulatory effect of BDNF on narcotic addiction	Dr Kusumika Gharami Indian Institute of Chemical Biology, 4, S.C. Mullick Road, Kolkata-700032 West Bengal	2980000
53.	SR/WOS-A/LS-1120/2015 Molecular mapping and octopamine receptor gene polymorphism based detection of amitraz resistance in cattle tick, Rhipicephalus (Boophilus) micropuls	Dr Jyoti Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana-141004 Punjab	3080000
54.	SR/WOS-A/LS-1137/2015 Sustainable bioprocess for the production of high value succinic acid from municipal waste	Ms. Amulya Kotamraju CSIR-Indian Institute of Chemical Technology, Hyderabad-500007 Telengana	1474000
55.	SR/WOS-A/LS-1138/2015 Potential of purine nucleoside degrading probiotic lactic acid	Dr Neha Pandey University of Delhi, Delhi-110007	3000000

	bacteria in lowering serum uric acid levels and management of hyperuricemia	Delhi	
56.	SR/WOS-A/LS-1175/2015 Unravelling the effect of elevated carbon-di-oxide mediated abiotic stress in chickpea transcriptome	Dr. Paramita Palit International Crops Research Institute for the Semi-Arid Tropics, (ICRISAT), Patancheru-502324 Telengana	3185000
57.	SR/WOS-A/LS-1182/2015 Improvement of lodging resistance in rice cultivars through introgression of "SCM2" gene conferring culm strength	Dr. Subashini Govindan Tamil Nadu Agricultural University Coimbatore-641003, Tamil Nadu	2770000
58.	SR/WOS-A/LS-1185/2015 Studies on involvement of microRNAs in environmental neurotoxin induced neurodegeneration	Ms. Tanisha Singh CSIR-Indian Institute of Toxicology Research, Lucknow-226001 Uttar Pradesh	1980000
59.	SR/WOS-A/LS-1194/2015 Bacterial inclusion bodies as a model for study of α -synucleinopathy	Ms. Sudeepa Srichandran National Institute of Immunology, New Delhi-110067 Delhi	1920000
60.	SR/WOS-A/LS-1196/2015 An investigation of in vitro and in vivo anticancer activity of green synthesized silver nanoparticles against skin cancer and formulation of gel	Ms. Sunita Vishnu Patil Karpagam University, Karpagam Academy of Higher Education, Pollachi Main Road, Coimbatore-641021 Tamil Nadu	1690000
61.	SR/WOS-A/LS-1199/2015 Bio-priming mediated nutrient use efficiency of okra (Ablemoschus esulentus L. Moench)	Ms. Sumita Pal Institute of Agricultural Sciences, Banaras Hindu University, Varanasi-221005 Uttar Pradesh	1750000
62.	SR/WOS-A/LS-1118/2015 Genetic and phenotypic analysis of fucosyltransferase-2 (FUT-2) gene in Mumbai population	Ms. Kshiiitija Suhas Rane Yadav MGM Medical College & Hospital Educational Campus, Navi Mumbai-410209 Maharashtra	2200000
63.	SR/WOS-A/LS-1119/2015 Bedaquiline polymeric nanoparticles for lung targeting: a manna for treating multi drug	Ms. Tejal Gaurav Rawal Institute of Pharmacy, Nirma University, Ahmedabad-382481	2700000

	resistant tuberculosis	Gujarat	
64.	SR/WOS-A/LS-1146/2015 Developing wheat genotypes safe for celiac patients through genome editing technologies	Dr. Monika Bansal Punjab Agricultural University, Ludhiana-14004 Punjab	2560000
65.	SR/WOS-A/LS-1179/2015 Experimental evolution of thermal plasticity of body and organ size in <i>Drosophila melanogaster</i>	Dr. Shampa M. Ghosh KIIT University, Bhubaneswar-751024 Odisha	3168000
66.	SR/WOS-A/LS-1204/2015 Characterization of micro RNA turnover pathway in human cells	Dr. Pradipta Kundu Indian Institute of Science, Bangalore-560012 Karnataka	3220000
67.	SR/WOS-A/LS-1206/2015 Biochemical basis of micronutrient deficiency tolerance in triticale x wheat derivative lines	Ms. Ravneet Kaur Punjab Agricultural University, Ludhiana-141004 Tamil Nadu	1750000
68.	SR/WOS-A/LS-1214/2015 Enhancement of biofuel production from pentose sugars using gene shuffling by <i>Zymomonas mobilis</i> and <i>Pichia stipitis</i> using sweet sorghum	Ms. Karuna Devi Jetti Gandhi Institute of Technology and Management Institute of Science, Gandhi Institute of Technology and Management University, Visakhapatnam-530045 Andhra Pradesh	1750000
69.	SR/WOS-A/LS-1224/2015 Development of tumor targeted multifunctional calcium phosphate nanocarrier for gene-directed enzyme prodrug therapy (GDEPT)	Dr Saba Naqvi Indian Institute of Technology Roorkee, Roorkee-247667 Uttarakhand	3220000
70.	SR/WOS-A/LS-1225/2015 Novel nonlytic acinetobacter phage AbDs1: Elucidation of mechanism of infection and manipulation of its genome to deliver antibacterial peptides into multi drug resistant <i>Acinetobacter baumannii</i> strains	Ms. Harshita Nagasai Yakkala University of Hyderabad, Hyderabad-500046 Telengana	1980000
71.	SR/WOS-A/LS-1226/2015 Validation of auto antibodies and their combined role with clinical,	Ms. Thejas Rajakumar Kathrokolly Manipal University, Kasturba	1760000

	anthropometric and behavioural factors in predicting breast cancer risk in Indian women	Medical College Manipal-576104 Karnataka	
72.	SR/WOS-A/LS-1233/2015 Characterization of viral disease complex in king chilli from North Eastern Region of India and development of efficient multiplex immuno, immuno-nucleo based detection system	Dr Ngathem Taibangnganbi Chanu ICAR Research Complex for NEH Region, Manipur Centre, Lamphelpat, Imphal-795004 Manipur	3000000
73.	SR/WOS-A/LS-1237/2015 Molecular characterization of genes regulating body growth in rohu, Labeo rohita using candidate gene approach	Ms. Mausumee Mohanty ICAR-Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 Odisha	2090000
74.	SR/WOS-A/LS-1246/2015 Biochemical and molecular analysis of novel type of mutanase from Paracoccus sp	Dr Ravi Naga Amrutha Indian Institute of Chemical Technology, Tarnaka, Hyderabad-500007 Telengana	2838000
75.	SR/WOS-A/LS-1248/2015 Identification of ribosnitches in the context of alternative splicing	Ms. G. Ramya International Institute of Information Technology, Hyderabad-500032 Telengana	1935000
76.	SR/WOS-A/LS-1249/2015 Interdependence of ubiquitin prortesome system and autophagy in cellular proteostasis and its relevance in neurodegenerative disorders	Dr. Lakshmi Garimella Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore-560064 Karnataka	3220000
77.	SR/WOS-A/LS-1250/2015 Role of class II TCP transcription factors in interlinking growth and host defense in Arabidopsis thaliana	Dr. Kavitha Rao Sarvepalli Indian Institute of Science, Bangalore-560012 Karnataka	3060000
78.	SR/WOS-A/LS-1251/2015 Development of long acting formulation for parkinson's disease	Ms. Komal Vikas Chaudhary Institute of Pharmacy, Nirma University, Ahmedabad-382481, Gujarat	2485000
79.	SR/WOS-A/LS-1262/2015 Oleuropein loaded nanostructured lipid carrier (NLC) as multifunctional	Ms. P Sucharitha Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor-517127	2594000

	nanomedicine for treatment of meningitis through nasal delivery	Andhra Pradesh	
80.	SR/WOS-A/LS-1268/2015 Development of anti-angiogenic drug delivery system using a combination of scFv for sFlt-1, TRAIL and a natural compound from <i>Tinospora cordifolia</i>	Ms. Yashaswini Balaraju University of Mysore, Manasagangotri, Mysore-570006 Karnataka	2200000
81.	SR/WOS-A/LS-1278/2015 Cultivation, genetic diversity and active principle segregation of different accessions of <i>Cichorium intybus</i> L (Chicory) growing in Kashmir Himalaya and Ladakh	Ms. Bisma Malik University of Kashmir, Srinagar-190006 J & K	2040000
82.	SR/WOS-A/LS-1286/2015 In vivo and ex vivo studies on therapeutic potential of quercetin in the treatment of experimental dysmenorrhoea	Dr Afroz Jahan Sri Venkateswara Veterinary University, Tirupati-517502, Andhra Pradesh	2210000
83.	SR/WOS-A/LS-1289/2015 Preparation, characterization of simvastatin incorporated gels/emulsion and their role in promoting in bone regeneration through measurement of bone density in implants sites	Dr. Swati Gupta Panjab University, Sector-14, Chandigarh-160014 Chandigarh	3220000
84.	SR/WOS-A/LS-1290/2015 Protective effect of topical application of celecoxib and/or n-acetyl cysteine on deoxynivalenol; a mycotoxin, induced skin inflammation, genotoxicity and tumorigenicity in mice	Dr Sakshi Mishra Central Drug Research Institute, Lucknow-226031 Uttar Pradesh	3220000
85.	SR/WOS-A/LS-1309/2015 "Establishment and characterization of oral cancer cell lines (and oral cancer stem cells) with drug sensitivity profile	Dr. Mugdha Girish Sukhthankar Advanced Centre for Treatment Research and Education in Cancer, Tata Memorial Centre, Navi Mumbai-410210 Maharashtra	3220000
86.	SR/WOS-A/LS-1318/2015 Role of a novel ubiquitin ligase FBXO4 in pathogenesis of breast	Dr. Ruby Dhar All India Institute of Medical Sciences,	3220000

	cancer	New Delhi-110029 Delhi	
87.	SR/WOS-A/LS-1339/2015 Development and identification of heterotic hybrids for increasing capsicum production	Ms. Meenakshi Dubey Jawaharlal Nehru University, New Delhi-110067 Delhi	1815000
88.	SR/WOS-A/LS-1424/2015 Characterisation of mechanisms of quinolone resistance in gram negative bacteria	Ms. PV Ravi Geetha Sri Ramchandra Medical College & Research Institute, Sri Ramchandra University, Porur, Chennai-600116 Tamil Nadu	1700000
89.	SR/WOS-A/LS-7/2016 Synthesis of biofunctionalized phyto-nanoarchitectures for targeted therapy of inflammatory bowel disease	Dr Swati Vishwas Pund Indian Institute of Technology Bombay, Mumbai-400076 Maharashtra	3220000
90.	SR/WOS-A/LS-9/2016 Investigating the role of a novel RING domain E3-ubiquitin ligase, DZIP3 in regulation of cell cycle and cancer progression	Dr. Swati Chauhan Institute of Life Sciences, Nalco Square, Chandrasekharapur, Bhubaneswar-751023 Odisha	3090000
91.	SR/WOS-A/LS-10/2016 Characterization of NFBD1 protein, a mediator of ATM DNA damage response and to explore its potential as a cancer therapeutic target	Dr. Neeru Singh Indian Institute of Technology Gandhinagar, Palai, Gandhinagar-382355 Gujarat	3110000
92.	SR/WOS-A/LS-13/2016 Studying and experimentation of different parameters for cryopreservation of breast milk and its constituent cells for use in future medical emergent	Dr. Seema Tripathy Utkal University, Vani Vihar, Bhubaneswar-751004 Odisha	3220000
93.	SR/WOS-A/LS-12/2016 Investigating the role of plant SNARE proteins in salt tolerance	Dr. Divya Rajagopal National Centre for Biological Sciences, Tata Institute of Fundamental Research GKVK, Bellary Road Bangalore-560065 Karnataka	3000000
94.	SR/WOS-A/LS-15/2016 Regulation of pluripotency by autophagy in mouse embryonic	Dr. Shalmali Bivalkar Savitribai Phule Pune University Campus, Ganeshkhind, Pune-411007, Maharashtra	3220000

	stem cells		
95.	SR/WOS-A/LS-22/2016 Molecular and chemical profiling of different populations of Rheum species	Ms Shagoon Tabin Khan University of Kashmir, Hazratbal, Srinagar-190006 J & K	2164000
96.	SR/WOS-A/LS-29/2016 Genetic and molecular dissection of rust resistance in soybean	Dr. Shobha Ulavappa Immadi University of Agricultural Sciences, Dharwad-580005 Karnataka	2930000
97.	SR/WOS-A/LS-32/2016 Production, characterization and over expression of Versatile Peroxidase (VP) of white-Rot fungi for deconstruction of lignocellulosic crop residues	Ms. R Aarthi National Institute of Animal Nutrition & Physiology, Adugodi, Bangalore-560030 Karnataka	2350000
98.	SR/WOS-A/LS-36/2016 Production of nano-scaled cellulose and its application as bioactive paper products	Dr. Chhavi Sharma Avantha Centre for Industrial Research & Development, Paper Mill Campus, Yamuna Nagar-135001 Haryana	2974000
99.	SR/WOS-A/LS-38/2016 Development of an integrated bioprocess for synthesis and purification of galacto-oligosaccharides	Dr. Anita Srivastava Indian Institute of Technology Delhi, Hauz Khas New Delhi-110006 Delhi	2930000
100.	SR/WOS-A/LS-48/2016 Role of a Functional validation of novel sequence variants in monogenic disorders to prove their pathogenicity	Dr. Priyanka Srivastava Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow-226014 Uttar Pradesh	3100000
101.	SR/WOS-A/LS-49/2016 Exploring the role of JA signaling pathway in Arachis hypogea-Bradyrhizobia root nodule symbiosis	Dr. Saswati Sen University of Calcutta, 35 Ballygunge Circular Road, Kolkata-700019 West Bengal	3220000
102.	SR/WOS-A/LS-54/2016 Cloning, sequencing and expression of a gene linked to induced antiviral resistance in papaya	Dr. Aparna Srivastava Lucknow University, Lucknow-226007 Uttar Pradesh	3150000
103.	SR/WOS-A/LS-61/2016 To decipher the histone	Dr. Amita Dubey National Botanical Research	3000000

	acetylation dynamics regulating the yield and quality of cotton fiber	Institute, Rana Pratap Marg, Lucknow-226001 Uttar Pradesh	
104.	SR/WOS-A/LS-64/2016 Dual acting methotrexate conjugated oleyl chitosan coated iron oxide/gold hybrid nanobiocomposites for lung cancer imaging (MRI and CT) and therapy	Dr. Hemlatha Thiagarajan Central Leather Research Institute, Adyar Chennai-600020 Tamil Nadu	3000000
105.	SR/WOS-A/LS-66/2016 Identification and characterization of molecular receptors in <i>Aedes aegypti</i> associated with dengue virus serotype-2 and understanding their role in pathogenesis	Dr. Sonam Popli University of Delhi Delhi-110007 Delhi	3000000
106.	SR/WOS-A/LS-85/2016 Characterization and functional validation of cold induced gene from <i>Brassica oleracea</i> in <i>Arabidopsis thaliana</i>	Ms. Nelofer Jan University of Kashmir, Srinagar-190006 J & K	1980000
107.	SR/WOS-A/LS-98/2016 Role of SUN1 (Sad/1UNC-84) domain protein from Chickpea and its orthologue from <i>Arabidopsis</i> in dehydration Stress	Ms. Poonam Mishra Jawaharlal Nehru University Campus, Aruna Asaf Ali Marg, New Delhi-110067 Delhi	1980000
108.	SR/WOS-A/LS-104/2016 Design, synthesis, and anti-HIV evaluation of novel 1,3,5-triazine derivatives targeting the entrance channel of the NNRTI binding pocket	Ms. Saumya Singh Sam Higginbottom Institute of Agriculture Technology and Sciences, Allahabad-211007 Uttar Pradesh	1820000
109.	SR/WOS-A/LS-109/2016 Taxonomy and DNA-barcoding of blow flies (Diptera:Calliphoridae) from North-east Himalaya	Dr. Meenakshi Malhotra Punjabi University, Patiala-147002 Punjab	2670000
110.	SR/WOS-A/LS-128/2016 Co delivery of Erlotinib and Luteolin with chitosan-g-TGS nanocarriers-Potential modulators of EGFR mediated P13K/AKT/mTOR pathway for	Ms. Parimala Devi Ganthala National Institute of Pharmaceutical Education and Research (NIPER), Balanagar Hyderabad-500037 Telengana	2040000

	overcoming multidrug resistance		
111.	SR/WOS-A/LS-145/2016 Laboratory culturing and field studies to understand the effect of dissolved oxygen on benthic foraminifera, and its paleoclimatic implications	Dr. Sujata Kurtarkar Raikar National Institute of Oceanography, Dona Paula, Goa-403004 Goa	2510000
112.	SR/WOS-A/LS-159/2016 Plant extract-mediated synthesis of nanocatalysts (metal and metal oxides) for the enhanced energy recovery using microbial fuel cell	Dr. Swagatika Rout Indian Institute of Technology Kharagpur-721302 West Bengal	2780000
113.	SR/WOS-A/LS-160/2016 Microalgal cultivation for commercial scale astaxanthin production and other value added bioproducts	Dr. Simrat Kaur Indian Institute of Technology, Kharagpur-721302 West Bengal	2780000
114.	.SR/WOS-A/LS-164/2016 Investigation on expression analysis of 2 acetyl-1-pyrroline (2AP) biosynthetic pathway genes in scented rice (<i>Oryza sativa</i> L.) under salt stress	Ms. Renuka Savitribai Phule Pune University, Pune-411007 Maharashtra	2360000
115.	SR/WOS-A/LS-172/2016 Elucidating the network of miRNAs targets' and their significance in the murine neuronal cells development differentiation	Dr. Vanita Uppada University of Hyderabad, CR Rao Road, Gachibowli, Hyderabad-500046 Telengana	3220000
116.	SR/WOS-A/LS-173/2016 Studying the effect of actin targeted drugs on the eactin binding domain of β -spectrin	Dr. Sansa Dutta Saha Institute of Nuclear Physics, 1/AF Bidhannagar, Kolkata-700064 West Bengal	3110000
117.	SR/WOS-A/LS-176/2016 Molecular and in-silico characterization of stress responsive hypothetical proteins of <i>Anabaena</i> PCC7120	Dr. Ruchi Rai Institute of Science, Banaras Hindu University Varanasi-221005 Uttar Pradesh	2600000
118.	SR/WOS-A/LS-212/2016 Genetic polymorphism of human leucocyte antigen (HLA) and	Ms. Mousumi Dutta ICMR, NE Region, Post Box No. 105,	2030000

	immunomodulation of inflammatory cytokines in influenza infected population of Assam, India	Dibrugarh-786001 Assam	
119.	SR/WOS-A/LS-227/2016 Effect of melatonin on leptin signaling pathway during obesity and leptin resistant condition in hypothalamus and adipose cell lines	Ms. Vennila Suriagandhi Bharathidasan University, Tiruchirappalli-620024 Tamil Nadu	2590000
120.	SR/WOS-A/LS-234/2016 Investigation of the role Atf1 in co-ordination of signaling pathways that regulate G2-M progression in Schizosaccharomyces pombe	Dr. Protiti Ghosh University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700019 West Bengal	3217000
121.	SR/WOS-A/LS-231/2016 Modulation of Growth, secondary metabolites production and genetic transformation of Pueraria tuberosa	Ms. Bhanupriya Kanthaliya University College of Science, Mohan Lal Sukhadia University, Udaipur-313001 Rajasthan	1870000
122.	SR/WOS-A/LS-244/2016 Fabrication of paclitaxel loaded calcium phosphate nanoparticles: A novel nanocomposite for bone cancer treatment	Dr. Sathya Sadhasivam Periyar University, Periyar Palkalai Nagar, Salem-636011 Tamil Nadu	2460000
123.	SR/WOS-A/LS-283/2016 Evaluation of GS mediated anticancer mechanisms in prostate cancer: Assessment of their candidature for developing novel cancer therapeutics	Dr. Garima Jain Banaras Hindu University, Varanasi-221005 Uttar Pradesh	3135500
124.	SR/WOS-A/LS-202/2016 Functional Genomics of MiR-2909 in Energy Metabolism	Dr. Deepti Malik Postgraduate Institute of Medical Education & Research Chandigarh-160012 Chandigarh	3220000
125.	SR/WOS-A/LS-252/2016 Design and development of biodegradable polymeric nanoparticles for concomitant delivery of anti cancer agents	Ms. Akansha Behl Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 Delhi	1600000
126.	SR/WOS-A/LS-295/2016	Ms. Sindhuri Upadrasta	1836000

	Comprehensive lipidome profiling in the apicomplexan parasite <i>Toxoplasma gondii</i>	CSIR-National Chemical Laboratory, Pune-411008 Maharashtra	
127.	SR/WOS-A/LS-302/2016 Chronic obstructive pulmonary disease –Role of alveolar type II pneumocytes and disease pathobiology-in vitro and in vivo studies	Dr. Farida Khan Rajiv Gandhi Centre for Biotechnology (RGCB), Thycaud Post, Poojappura, Thiruvananthapuram-695014 Kerala	3220000
128.	SR/WOS-A/LS-314/2016 Development and characterization of drug loaded surface functionalized carbon nanotubes for the treatment of breast cancer	Ms. Nidhi Jain Singhai Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal-462036 Mahdy Pradesh	2485000
129.	SR/WOS-A/LS-358/2016 Role of Kisspeptins during reproductive cycle of the Indian freshwater fish	Dr. Neerja Aggarwal University of Delhi Delhi-110007 Delhi	3098000
130.	SR/WOS-A/LS-386/2016 Development of Nanofiber incorporated hydrogels as 3D scaffold skin tissue growth	Ms. M. Maria Leena Indian Institute of Crop Processing Technology, Pudukkottai Road, Thanjavur-613005 Tamil Nadu	2590000
131.	SR/WOS-A/LS-402/2016 Identification of shikimate kinase as a drug target against <i>Mycobacterium tuberculosis</i>	Ms. Sapna Pandey Central Drug Research Institute, Lucknow-226031 Uttar Pradesh	1870000
132.	SR/WOS-A/LS-407/2016 Possible prevention of thyroid problems with two herbal extracts: isolation & characterization of the active compounds	Dr. Sunanda Panda Devi Ahilya University, Takshshila Campus, Indore-452001 Madhya Pradesh	2888000
133.	SR/WOS-A/LS-430/2016 Formulation and Optimization of pH sensitive peroral dosage forms for chromo endoscopy of gastro intestinal tract	Ms. Sarada Anepu Andhra University College of Pharmaceutical Sciences, Andhra University, Visakhapatnam-530003 Andhra Pradesh	2650000
134.	SR/WOS-A/LS-463/2016 Study of role Oxidative stress and	Dr. Surabhi Kirti Mishra Jawaharlal Nehru University, New Delhi-110067	3149000

	Exosomes in inflammation-associated cancer	Delhi	
EARTH & ATMOSPHERIC SCIENCES			
135.	SR/WOS-A/EA-1001/2015 Modeling agricultural Water productivity using earth observation technique over Indian region	Dr Indrani Choudhury Singh BPSG/EPISA, Space Application Centre (ISRO), Ahmedabad-380015, Gujarat	2400000
136.	SR/WOS-A/EA-1004/2015 Micro level study of Varuna sub basin for delineation of aquifer system and estimation of groundwater resources	Dr. Sangita Dey Banaras Hindu University, Varanasi-221005 Uttar Pradesh	3003000
137.	SR/WOS-A/EA-1006/2015 Implications of sedimentary provenance analysis as a proxy to changing paleoclimate and basin tectonics: case studies from the permo-carboniferous lower Gondwana successions of eastern India	Dr. Sampa Ghosh Presidency University, 86/1 College Street, Kolkata-700073 West Bengal	2935000
138.	SR/WOS-A/EA-1014/2015 Remote sensing based coral habitat suitability mapping and conservation along Andaman & Nicobar Island	Ms. Debaleena Majumdar Indian Institute of Technology Kharagpur, Kharagpur-721302 West Bengal	1604000
139.	SR/WOS-A/EA-1009/2015 Tectonic evolution of the mishmi thrust in mishmi metamorphic complex in the eastern syntaxial bend with reference to morphotectonic and neotectonic implications in Arunachal Himalaya	Dr. Rajkumari Mrinalinee Devi CSIR-North East Institute of Science & Technology, Jorhat-785006 Assam	2685000
140.	SR/WOS-A/EA-1012/2015 Chemical evolution and source apportionment of size segregated organic aerosols at middle Indo-Gangetic Plain	Ms. Nandita Singh Banaras Hindu University, Varanasi-221005 Uttar Pradesh	1760000
141.	SR/WOS-A/EA-1015/2015 Ionospheric morphological studies using the COSMIC GPS	Dr. Gouthu Uma Madanapalle Institute of Technology & Science, PO Box	2414000

	radio occultation (RO) technique and development reliable methods to screen-out questionable electron density profiles	No 14, Kadiri Road, Angallu, Madanapalle-517325 Andhra Pradesh	
142.	SR/WOS-A/EA-1016/2015 Hill slope hydrological functioning along a forest degradation gradient in the Lesser Himalaya of India	Dr Nuzhat UI Qayoom Qazi National Institute of Hydrology, Roorkee-247667 Uttar Pradesh	2410000
143.	SR/WOS-A/EA-1017/2015 Frequency, magnitude and causes of large floods vis-a-vis climatic excursions during past 2 ka: A study of alluvial lacustrine records in dryland western India	Dr. Alpa Sridhar The M.S. University of Baroda, Vadodara-390002 Gujarat	2820000
144.	SR/WOS-A/EA-1017-B/2015 Crustal evolutionary studies of the mesoproterozoic litho-assemblages of South Delhi terrain from Sirohi district, Rajasthan	Ms. Riya Dutta Mohanlal Sukhadia University, 51, Sarswati Marg, Udaipur-313001 Rajasthan	1690000
145.	SR/WOS-A/EA-1023/2015 Diversity and evolution of suboceanic mantle: constraints from Phanerozoic ophiolites between Nagaland-Manipur and Andaman Island	Dr. Sarmistha Mukhopadhyay University of Calcutta, 35 Ballygunge Circular Road, Kolkata-700019 West Bengal	2445000
ENGINEERING & TECHNOLOGY			
146.	SR/WOS-A/ET-1049/2014 Automatic surveillance system to detect abnormal behaviors and abandoned objects in public places	Ms. Ariffa Begum Vickram College of Engineering, Srinivasa Gardens, Madurai Sivaganga Road, Enathi-630561 Tamil Nadu	1775000
147.	SR/WOS-A/ET-1089/2014 Realization of chaotic dynamical systems on field programmable gate arrays (FPGAs) and application to secure communications	Ms. D. D. Devi Sasikala Sri Venkateswra College of Engineering & Technology, RVS Nagar, Tirupathi Road, Chittoor-517127 Andhra Pradesh	2140000

148.	SR/WOS-A/ET-1050/2014 Process intensification by spherical crystallization and thermodynamic study	Dr. Jyothi Thati University College of Technology, Osmania University Hyderabad-500007 Telengana	3003000
149.	SR/WOS-A/ET-1071/2014 Dynamic navigation of query results based on concept hierarchies using improved distance rank algorithm	Ms. Lakshmi Lingutla MLR Institute of Technology, Laxman Reddy Avenue, Dungdiga, Quthbullapur (M), Hyderabad-500043 Telengana	2005000
150.	SR/WOS-A/ET-1096/2015 A novel bioreactor development for microalgal cultivation and for production of value added products	Ms. Chandrika Kethineni Hyderabad Institute of Technology and Management, Gowdavelly (Village), Medchal Hyderabad -501401 Telengana	2280000
151.	SR/WOS-A/ET-1015/2015 Phylogenetic model for cancer classification	Ms. Geetika Munjal ITM University, Sector-23A, Gurgaon-122017 Haryana	1890000
152.	SR/WOS-A/ET-1035/2015 Estimation of brain tissue in schizophrenic patients using magnetization transfer imaging	Ms. Raju Anitha PACE Institute of Technology & Science, NH-5, Valluru, Ongole-523272 Andhra Pradesh	1910000
153.	SR/WOS-A/ET-1036/2015 Improving fuel efficiency in automotive applications using light weight structural materials	Ms. Aruna Santhi Kaki PACE Institute of Technology & Sciences, Vallur, Ongole-523272 Andhra Pradesh	2100000
154.	SR/WOS-A/ET-1041/2015 Design and development of differential power analysis and leakage power analysis resistant cryptosystem	Ms. Cheerla Padmini Vardhaman College of Engineering, Hyderabad-501218 Telengana	1995000
155.	SR/WOS-A/ET-1049/2015 Delineation of QRS complex for feature extraction of myocardial infarction in single lead ECG signal	Ms. Pooja Sabherwal ITM University, Sector-23A, Gurgaon-122017 Haryana	1815000
156.	SR/WOS-A/ET-1064/2015 Recovery and removal of oil from petroleum contaminated wastewater/sludge using advanced oxidation processes	Dr. K Sivagami Indian Institute of Technology Madras, Chennai-600036 Tamil Nadu	2645000

157.	SR/WOS-A/ET-1067/2015 Fatigue characteristics of fiber reinforced concrete and acoustic emission technique for damage detection	Dr. Swati Maitra Indian Institute of Technology Kharagpur, Kharagpur-721302 West Bengal	2410000
158.	SR/WOS-A/ET-1068/2015 Development of one dimensional ZnO based heterojunction nanostructures for photovoltaic application	Ms. Monika Kumari Kurukshetra University, Kurukshetra-136119 Haryana	2040000
159.	SR/WOS-A/ET-1071/2015 An effective co-operative MAC protocol in multi-channel multi-radio environment of cognitive wireless mesh networks	Ms. Anusha Marouthu KL University, Green Fields, Vaddeswaram, Guntur -522502 Andhra Pradesh	2050000
160.	SR/WOS-A/ET-1074/2015 Performance analysis of alternative 2-D channel materials in MOSFET	Ms. Lopamudra Banerjee Indian Institute of Engineering Science & Technology, Shibpur, Howrah-711103 West Bengal	2045000
161.	SR/WOS-A/ET-1076/2015 Energy and QoS management in cloud Computing environment	Ms. Hima G B Bindu Sri Venkateswara College of Engineering and Technology, R.V.S. Nagar, Chittoor-517127 Andhra Pradesh	1985000
162.	SR/WOS-A/ET-1100/2015 A novel security for ATM framework by using digital image processing	Ms. Kande Archana MLR Institute of Technology, Laxman Reddy Avenue, Dundigal, Quthbullapur, Hyderabad-43 Telengana	1720000
163.	SR/WOS-A/ET-1102/2015 Modeling, synthesis & characterization of core-shell nanocomposites for microwave filter application	Ms. Jutika Devi Gauhati University, Jalukbari, Guwahati-781014, Assam	2310000
164.	SR/WOS-A/EA-2/2016 Measurement and modeling of grassland CO ₂ flux in kutch Region using geospatial approach	Dr. Usha B Joshi The Maharaja Sayajirao University of Baroda, Vadodara-390002 Gujarat	3218000
165.	SR/WOS-A/EA-3/2016 Application of time series	Dr. Swarnali Majumder Indian National Centre for Ocean Information Services	2330000

	analysis in investigating chaos in sea surface temperature	(INCOIS), Ministry of Earth Sciences, Govt. of India, Ocean Valley, Pragathi Nagar (BO) Nizampet (SO), Hyderabad-00090 Telengana	
166.	SR/WOS-A/EA-5/2016 Holocene climatic changes based on multiproxy data from fluvial and lacustrine archives of eastern margin of Little Rann of Kachch, Western India	Dr. Rachana Raj The M. S. University of Baroda, Vadodara-390002 Gujarat	2614000
167.	SR/WOS-A/EA-6/2016 Deciphering the origin and evolution of organic matter in aerosols using molecular and stable isotopic techniques	Dr. Devleena Mani Tiwari CSIR-National Geophysical Research Institute, Uppal Road, Hyderabad-500007, Telengana	2618000
168.	SR/WOS-A/ET-7/2016 Ultra-deep desulfurization of transportation fuels by sulfur-selective adsorption for pollution prevention at the source	Ms. Maya Balasaheb Mane National Chemical Laboratory, Pune-411008, Maharashtra	1978000
169.	SR/WOS-A/ET-14/2016 Study of structure-property correlation to comprehend cementite dissolution during wire drawing process	Dr. Sabita Ghosh National Metallurgical Laboratory, Jamshedpur-831007 Jharkhand	2715000
170.	SR/WOS-A/EA-17/2016 Analysis of spaceborne polarimetric synthetic aperture radar (SAR) data for extraction of land use/land cover (LULC) information with special emphasis on Urban areas	Dr Vijayanthi Nizalapur CEPT University, University Road, Navrangpur, Ahmedabad-380009 Gujarat	3278000
171.	SR/WOS-A/ET-22/2016 Early diagnosis of pathologies in retinal image	Ms M Tamil Nidhi Anna University, Chennai-600025 Tamil Nadu	1765000
172.	SR/WOS-A/ET-29/2016 Hydrogen assisted corrosion and fracture in pipeline steel	Dr. Swapna Dey CSIR-National Metallurgical Laboratory, Jamshedpur-831007, Jharkhand	2660000

173.	SR/WOS-A/ET-30/2016 A framework for detection & remission of security attacks in software defined network	Ms Drashti Dave Central University of Rajasthan, N.H.-8, Bandarsindri, The- Kishangarh, Ajmer-305817 Rajasthan	1195000
174.	SR/WOS-A/ET-34/2016 Nano-structured CZTSSe thin film solar cells using nano-imprint Lithography	Ms Simya Olavil Karayi Innovation and Incubation Centre, PSG Institute of Advanced Studies, Avinashi Road, Peelamedu, Coimbatore- 641004 Tamil Nadu	2650000
175.	SR/WOS-A/ET-40/2016 Reduced grapheme oxide (RGO) – Sulfonated polybenzimidazole (S-PBI) nano-composite for fuel cell electrolyte and supercapacitor application	Ms Priyanka Ghosh Jadavpur University, Kolkata-700032 West Bengal	1850000
176.	SR/WOS-A/ET-61/2016 Fabrication of nanobiosensor for rapid, low cost and point of care detection of Alpha fetoprotein	Ms Gayathri Gangadharan Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai-603110 Tamil Nadu	2600000
177.	SR/WOS-A/ET-97/2016 Estimation and prediction of Cyber threats using bayesian graph	Ms Gemini George Indian Institute of Information Technology and Management- Kerala, IIITM-K Building, Techno Park Campus, Trivandrum-695581 Kerala	1760000