

WISE-KIRAN Division

List of projects Sanctioned during 2019-20 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-68/2017 Study of a few p-nuclei in the mass region $A \sim 100$ and 180	Dr Indrani Ray Jadavpur University, Kolkata-700032, West Bengal	2958000
2.	SR/WOS-A/PM-88/2017 Application of nanocomposites of metal oxides and carbon nanostructures towards glucose sensing	Dr. Pragya Agar Palod Indian Institute of Technology, Indore-453552, Madhya Pradesh	3288800
3.	SR/WOS-A/PM-3/2018 (CS) Complete analysis of chemical structure, properties and dynamics of steroids using spectroscopic and quantum chemical methods	Dr Archana Sharma University of Jammu, Jammu-180006 J&K	3081024
4.	SR/WOS-A/PM-42/2018 Search for new signatures of long-lived particles at LHC experiments	Dr. Tapasi Ghosh Indian Institute of Science, Bengaluru-560012 Karnataka	3530200
5.	SR/WOS-A/PM-43/2018 Removal of heavy metal(S) through the formation of bio-inspired nanoparticles for sustainable environment	Ms Chetana Ghosal Jadavpur University, Raja S.C. Mallick Road Kolkata-700032 West Bengal	1966840
6.	SR/WOS-A/PM-45/2018 Dynamics of some nonlinear difference equations with applications	Dr. Esha Chatterjee Ghosh Indian Institute of Science, Bengaluru-560012, Karnataka	2585000
7.	SR/WOS-A/PM-49/2018 Phase transition and non-linear evolution in cosmology	Ms Rupa Basu St. Xavier's College, Park Street, Kolkata-700016 West Bengal	1962669

8.	SR/WOS-A/PM-51/2018 Optical and photothermal characterisation of zno nanao and micro composites for optoelectronic applications	Ms. Frincy Francis St. Teresa's college, Ernakulam-682031 Kerala	1925200
9.	SR/WOS-A/PM-52/2018 Categorical accommodation of logic, algebra, topology and topological system	Dr. Purbita Jana Indian Institute of Technology, Kanpur-208016 Uttar Pradesh	2701800
10.	SR/WOS-A/PM-57/2018 Electronic structure and transport properties of some two-dimensional systems	Ms Sutapa Rajib Chattopadhyay Savitribai Phule Pune University, Pune-411007 Maharashtra	2662600
11.	SR/WOS-A/PM-62/2018 Deep learning based digital image forensics towards the identification of forged and PRCG images	Ms Manjary P. Gangan University of Calicut, Malappuram-673635 Kerala	2705400
12.	SR/WOS-A/PM-64/2018 Quasi-hermitian and position dependent mass quantum systems	Dr. V. Chithiika Ruby Bharathidasan University Tiruchirappalli-620024 Tamil Nadu	2800800
13.	SR/WOS-A/PM-75/2018 Development of ferroelectric polymer - relaxor ceramics nanocomposite for high energy density and storage application	Ms. Rolly Verma Birla Institute of Technology Mesra, Ranchi-835215 Jharkhand	2090400
14.	SR/WOS-A/PM-78/2018 Solution strategies for vector optimization problems and variational inequalities -a gap function approach through regularization	Dr. Charitha Cherugondi Indian Institute of Technology Indore, Indore-453552 Madhya Pradesh	3112344
15.	SR/WOS-A/PM-80/2018 Use of an optical method to study acoustic emission during the nucleation in superheated droplets and its applications	Dr. Rupa Sarkar Bose Institute, Kolkata-700009 West Bengal	3515616
16.	SR/WOS-A/PM-82/2018	Ms Pritha Banerjee Jadavpur University,	1640347

	Analytical modeling and simulation of innovated and renovated mosfet nanostructures suitable for future VLSI circuits	Kolkata-700032 West Bengal	
17.	SR/WOS-A/PM-84/2018 Production and standardization of faecal sludge based bio-char for enhancing soil health and crop productivity in rural India	Ms Sheekha ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi-110012 Delhi	2353840
18.	SR/WOS-A/PM-85/2018 High pressure and magnetotransport studies on magnetically doped 3D topological insulators for spintronics device applications	Ms Nisha Yadav Malaviya National Institute of Technolog Jaipur, Jaipur- 302017 Rajasthan	2264560
19.	SR/WOS-A/PM-91/2018 Applications of liquid crystals: from display (PDLC) films to non display (LC Lenses) devices	Dr. AnujaKatariya Jain Institute of Chemical Technology, Matunga, Mumbai-400019 Maharashtra	2541800
20.	SR/WOS-A/PM-92/2018 Liquid crystal devices based on liquid crystals-graphene composites	Ms Deepa Singh University of Allahabad, Allahabad-211002 Uttar Pradesh	1824560
21.	SR/WOS-A/PM-96/2018 Synthesis and characterization of Q-dots entrapped silica for photonic applications	Ms Remya Murali Manohar N. S. S. College Pandalam, Pathanamthitta -689501 Kerala	2574200
22.	SR/WOS-A/PM-97/2018 Effect of self heating and strain on electron leakage and efficiency droop in AlGa _N /Ga _N ultra violet LEDs	Ms Priyanka Sahare National Institute of Technology, Raipur-492010, Chhattisgarh	1675560
23.	SR/WOS-A/PM-98/2018 Synthesis and transport properties of two dimensional (2D) layered transition metal dichalcogenides	Dr. Deepa S. Narang Indian Institute of Science, Bangalore-560012 Karnataka	3461616
24.	SR/WOS-A/PM-99/2018 Exploring numerical techniques for fractional derivatives defined	Dr. Pusapati Sarada Varma Gayatri Vidya Parishad College of Engineering, Visakhapatnam-530048	2839430

	from first principles	Andhra Pradesh	
25.	SR/WOS-A/PM-100/2018 Applications and study of nanostructured single and double perovskites for multifunctional properties	Dr. Rashmi Yadav Maulana Azad National Institute of Technology, Bhopal-462003 Madhya Pradesh	3066698
26.	SR/WOS-A/PM-103/2018 A study on single abnormal gene structure by integrated fractal patterns	Ms P.K Sharon Rubini Thiagarajar College of Engineering, Madurai-625015 Tamil Nadu	2122092
27.	SR/WOS-A/PM-105/2018 Confluence of binomial coefficient and generalized fibonacci numbers	Ms Mansi Samirbhai Shah Veer Narmad South Gujarat University, Surat-395007 Gujarat	2040400
28.	SR/WOS-A/PM-107/2018 Effect of metamaterials in anisotropic photonic crystals for efficient control of optical phenomena	Dr. Jolly Jose Indian Institute of Technology Kanpur, Kanpur-208016 Uttar Pradesh	2475000
29.	SR/WOS-A/PM-110/2018 Developing nano-crystalline rare earth hexaboride based electron emitters	Ms Shalaka Ashish Kamble Savitribai Phule Pune University, Pune- 411007 Maharashtra	2865500
CHEMICAL SCIENCES			
30.	SR/WOS-A/CS-97/2017 Synthesis of novel derivatives of thieno(3, 2-c)pyran and their anticancer (breast and lung) properties	Dr Saroj Yadav University of Delhi Delhi	3295000
31.	SR/WOS-A/CS-127/2017 Synthesis of polymer films having low dielectric constant	Dr Deepali Rahul Shrivastava Mahatma Education Society's Pillai College of Engineering, New Panvel-410206 Maharashtra	2780000
32.	SR/WOS-A/CS-114/2017 Development of nucleic acid analogues containing metallo base pairs	Dr. Nidhi, Naithani Institute of Nano Science and Technology, Phase 10, Mohali-160062 Punjab	3243000

33.	SR/WOS-A/CS-19/2018 Machine-learning molecular dynamics model from ab initio molecular dynamics target	Dr Shampa Raghunathan International Institute of Information Technology, Hyderabad-500032 Telangana	3168000
34.	SR/WOS-A/CS-46/2018 Medicinal chemistry of natural products from selected indian medicinal plants to discover potential anticancer agents	Dr Venu Sharma Indian Institute of Integrative Medicine Canal Road, Jammu-180001 J&K	3290544
35.	SR/WOS-A/CS-53/2018 Synthesis, characterization and device fabrication of some new ion conducting nanocomposite polymer electrolytes	Dr. Archana Chandra Shri Shankracharya Institute of Professional Management & Technology Sejbahar, Raipur-492015 Chhattisgarh	2759000
36.	SR/WOS-A/CS-69/2018 Theoretical studies on unfolding the mystery of RNA: as an application towards biomedical and green electronics	Dr. Ruby Srivastava Centre for Cellular and Molecular Biology, Hyderabad-500007 Telangana	2410000
37.	SR/WOS-A/CS-70/2018 Chemical reactions and energy transfer in atmospheric N ₂ /O ₂ /Ar - boron nitride surface collisions: applications in modelling spacecraft materials	Dr. Moumita Majumder Indian Institute of Technology, Jodhpur-342037 Rajasthan	3414800
38.	SR/WOS-A/CS-76/2018 Low cost nano-fibrous based catalysed filters for diesel exhaust emission control	Dr. Manju Dhakad Tanwar CSIR-National Environmental Engineering Research Institute (NEERI), Nagpur-440020 Maharashtra	3343800
39.	SR/WOS-A/CS-79/2018 Modified metal oxides as efficient photoanodes for DSSC	Ms Nidhi Prajapati The M.S. University of Baroda, Vadodara-390002 Gujarat	2339560
40.	SR/WOS-A/CS-82/2018 Synthesis and characterisation of doped/undoped semiconductor quantum dots and their application as photocatalyst and sensor	Ms. Jyoti Patel Principal, Govt.V.Y.T. PG Autonomous College, Durg (C.G.), Smriti Nagar Bhilai-490020 Chhattisgarh	1864000

41.	SR/WOS-A/CS-86/2018 Development of catalytic reaction strategies for the synthesis and functionalization of potential bioactive heterocyclic molecules	Dr. Anindita Dewan Tezpur University, Tezpur-784028 Assam	2945000
42.	SR/WOS-A/CS-87/2018 Synthesis of Unsymmetrical Ureaderivative Pillar[5]arenes and their Biological Applications	Ms Sanhita Vinod Patil Savitribai Phule Pune University , Pune-411007 Maharashtra	2460000
43.	SR/WOS-A/CS-90/2018 Enantioselective Synthesis of Aryl Derivatives of β -Alanine/ γ -Amino butyric acid through C(sp ³)-H Activation (Palladium Catalysis) and Biophysical Studies of their Homo (β/γ)/Hybrid ($\alpha, \beta/\alpha, \gamma$) - Pept	Dr. Smitha Mohanlal National Institute of Science Education and Research (NISER), Khordha-752050 Odisha	2885000
44.	SR/WOS-A/CS-95/2018 Synthesis and Physicochemical Studies of New Surface Active Ionic Liquids (SAILs) and their Interactions with Bioactive Compounds	Dr. Suruchi Mahajan Indian Institute of Technology Jammu, Kashmir-181221 J&K	3106800
45.	SR/WOS-A/CS-97/2018 Pollutant detection and control using N-confused tetraphenyl porphyrin and its metal complexes	Ms Mariammal Vivekanand Institute of Chemical Technology, Mumbai- 400019 Maharashtra	2013000
46.	SR/WOS-A/CS-101/2018 Anti-carcinogenic potential and mechanism of ginger phytochemical zerumbone and its synthetic analogues against human breast cancer	Dr. Pratima Tripathi Central Food Technological Research Institute, Mysore-570020 Karnataka	3452544
47.	SR/WOS-A/CS-107/2018 Synthesis of small molecules based on redox active natural products and their evaluation as antimicrobial agents	Dr. Ritu Mamgain Agharkar Research Institute, Pune 411 004 Maharashtra	3668200
48.	SR/WOS-A/CS-109/2018 ALN-SIC lossy ceramic	Dr. Rajalaxmi Maharana Defence Metallurgical Research Laboratory,	3336200

	composite for the application in high power microwave tube(CCTWT)	Hyderabad-500058 Telangana	
49.	SR/WOS-A/CS-110/2018 Catalytic oxidation of VOCs and diesel exhaust on Mn and Co supported Cex-Al ₂ O ₃ -x and Srx-Al ₂ O ₃ -x catalyst	Ms Jyoti Madhukar Waikar Institute of Chemical Technology Mumbai-400019 Maharashtra	2427840
50.	SR/WOS-A/CS-115/2018 Ecofriendly synthesis of novel azaphenothiazine(s) and azonia-spiro compounds and study their biological activities and also study the catalytic behaviour of synthesized azaphenothiazines.	Dr Archana Gupta University of Delhi, North Campus Delhi-110007 Delhi	3730416
51.	SR/WOS-A/CS-116/2018 Structure-based design and synthesis of cysteine protease Inhibitors as anti-malarial agents	Dr. Iram Irfan Jamia Millia Islamia, New Delhi-110025 Delhi	3738200
52.	SR/WOS-A/CS-117/2018 Chiral calix-crowns for asymmetric phase transfer catalyst	Dr. Pragati R Sharma Indian institute of Technology, Jodhpur-342037 Rajasthan	3468800
53.	SR/WOS-A/CS-119/2018 Tin and Germanium based nanostructured anode materials for Li ion battery	Ms Anuradha Anil Ambalkar Centre for Materials for Electronics, Panchawati, Pune-411008 Maharashtra	2867600
54.	SR/WOS-A/CS-121/2018 Syntheses, characterisations and applications of luminescent metal organic frameworks	Dr. Arti Chouhan Motilal Nehru National Institute of Technology (MNNIT), Allahabad-211004 Uttar Pradesh	2795000
55.	SR/WOS-A/CS-123/2018 Antioxidant cosmetotextiles: durable nano-encapsulated vitamin E finishes on textile fabrics and its controlled release study	Dr. Sudhapriya Narayanasamy The South India Textile Research Association, Coimbatore-641014 Tamil Nadu	3332800

56.	SR/WOS-A/CS-124/2018 Targeting alzheimer's: selective detection with GM1 oligosaccharide decorated porphyrin dendrimers	Dr. Rituparna Das Indian Institute of Science Education And Research (IISER), Kolkata-741246 West Bengal	3705200
57.	SR/WOS-A/CS-128/2018 Development of nano M2+W04 (M2+ = Co,Ni,Cu and Zn) for the photocatalytic degradation of organic dyes	Ms Shomaila Khanam Birla Institute of Technology Mesra, Ranchi-835215 Jharkhand	1666560
58.	SR/WOS-A/CS-132/2018 Development of stable and luminescent hybrid organic-inorganic nano-composites of Pb-free / Pb-based perovskite quantum dots for LED applications	Ms Sonali Mehra National Physical Laboratory, New Delhi-110012 Delhi	2023839
59.	SR/WOS-A/CS-136/2018 Bioelectrochemical CO2 fixation by microbial electrosynthesis: process intensification and subsequent production of biofuels	Ms Bhargavi Gunturu Anna University, Chennai-600025 Tamil Nadu	2313840
60.	SR/WOS-A/CS-137/2018 Enantioselective synthesis of 1, 3-disubstituted ferrocenes via transition metal catalysed meta-C-H activation	Dr. Suchithra Madhavan Nair Vasanthakumari Indian Institute of Science Education and Research Bhopal, Bhopal-462 066 Madhya Pradesh	3392800
61.	SR/WOS-A/CS-138/2018 Effect of biomolecular confinements on the proton and charge transfer dynamics	Ms Ankita Shivaji Jadhav Savitribai Phule Pune University Pune-411007 Maharashtra	2922048
62.	SR/WOS-A/CS-140/2018 Glycoside decorated platinum functionalized gold nanoparticles: a therapeutic strategy in the pursuit of prospective cancer cell-selective nanomedicine	Dr. Shipra Yadav Indian Institute of Technology Delhi, New Delhi-110016 Delhi	3217755
63.	SR/WOS-A/CS-143/2018 Fabrication of gold nanoparticles	Ms Pinky Manav Shah SVKM's Narsee Monee Institute of Management	2487280

	embedded drug eluting polyesteramide coating for cardiovascular stents.	Studies University, Swami Marg Vile Parle (W), Mumbai – 400056 Maharashtra	
64.	SR/WOS-A/CS-145/2018 Interface development between bioreceptor and graphene for cortisol sensing	Ms Parveen Central Scientific Instrument Organasaton, Chandigarh-160030 Chandigarh	2013560
65.	SR/WOS-A/CS-146/2018 Development of nanoscintillators for photodynamic therapy and multimodal bio-imaging	Dr. Jagriti Gupta Bhabha Atomic Research Centre (BARC), Mumbai-400085 Maharashtra	3461616
66.	SR/WOS-A/CS-150/2018 Controlled synthesis of nanostructured zirconium oxides from porous frameworks for applications as supercapacitor	Dr. Gargi Mukherjee National Chemical Laboratory, Dr.Homi Bhabha Road, Pune-411 008 Maharashtra	3186930
67.	SR/WOS-A/CS-153/2018 MnO ₂ /ZrO ₂ based electrocatalyst for non-enzymatic sensing of glucose	Ms SG Manjushree Siddaganga Institute of Technology Tumkur-572103 Karnataka	2058280
68.	SR/WOS-A/CS-49/2019 Synthesis of Cost effective environmental friendly Luminescent Materials for Solid-State-Lighting devices	Ms Naina Lohia CSIR-National Physical Laboratory New Delhi-110012 Delhi	1741271
69.	DST/WOS-A/CS-63/2019 Chemical/Electrochemical Water Oxidation Catalytic Activity with Substituted Imidazolin-2-ylidene/ Imidazolidin-2-ylidene based complexes	Dr. Amanpreet Kaur Indian Institute of Technology Delhi, New Delhi, Hauz Khas New Delhi-110016 Delhi	3353616
70.	DST/WOS-A/CS-83/2019 Elucidation of binding interactions between human proteins and sulfanilamide drugs through biophysical techniques.	Ms A Mavani A Mavani National Institute of Technology Nagaland, Chumukedima-797103 Nagaland	1858280
71.	DST/WOS-A/CS-87/2019 Analytical modelling of DNA	Dr. M Vanitha Marimuthu Indian Institute of Science	2714999

	drug intercalative binding mechanism	Education and Research Pune, Pashan, Pune-411008 Maharashtra	
LIFE SCIENCES			
72.	SR/WOS-A/LS-192/2017 Molecular insights on regulation of mesenchymal stem cell differentiation by mta1 and butyrate to enhance tissue neovascularization and osteogenesis	Dr. Kusum Ramachandran University of Mysore, Mysore-570006 Karnataka	3280000
73.	SR/WOS-A/LS-252/2017 Arsenite oxidation by soil fungi: A detoxification mechanism for arsenic mycoremediation	Dr. Akanksha Srivastava CSIR-National Botanical Research Institute, Lucknow-226001 Uttar Pradesh	2830000
74.	SR/WOS-A/LS-454/2017 TNF alpha mediated alternative splicing in type 2 diabetes; a genome wide approach	Ms. Jiss Maria Louis Birla Institute of Technology & Science, Pilani, K.K. Birla Goa Campus, Vasco-403726 Goa	2068000
75.	SR/WOS-A/LS-438/2017 Metabolic engineering for generation of a robust E. coli strain for fatty acid synthesis by employing a bi-directional approach	Dr. Deepti Harinder Indian Institute of Technology Bombay, Powai, Mumbai-400076 Maharashtra	2790000
76.	SR/WOS-A/LS-453/2017 In vivo imaging and tracking of magnetic nanoparticles labeled stem cells using dual modalities	Ms Ruchita Nishant Shelat SVKM's NMIMS University, Vile Parle Mumbai -400056 Maharashtra	2155000
77.	SR/WOS-A/LS-463/2017 Exploring biological nitrogen fixation system in rice	Dr. Papri Nag Bose Institute, Kolkata West Bengal	2936000
78.	SR/WOS-A/LS-37/2018 Microbial (Actinomycetes and Mycorrhizal fungi) phosphorus solubilization in chickpea as a potential biosource for sustainable agriculture	Dr. Bhuvaneshwari Singh Banaras Hindu University, Varanasi-221005 Uttar Pradesh	2666000
79.	SR/WOS-A/LS-53/2018	Dr Shehnaz Sultana Institute of Genetics and	3683200

	A study on qualitative and quantitative role of angiogenic genes in couples with recurrent miscarriages	Hospital for Genetic Diseases, Osmania University, Hyderabad-500016 Telangana	
80.	SR/WOS-A/LS-73/2018 Bioprospecting polygonatum verticillatum (L.) All. through advanced tissue culture techniques.	Ms Jasfeeda Qadir University of Kashmir, Hazratbal, Srinagar-190006 J&K	2190340
81.	SR/WOS-A/LS-77/2018 Validation of traditional medicinal knowledge for anti-sickling potential of some medicinal plants of amarkantak region	Ms Shringika Mishra Indira Gandhi National Tribal University, Amarkantak-484887 Madhya Pradesh	1785000
82.	SR/WOS-A/LS-78/2018 Molecular interaction of cryptocaryon irritans with mucosal, humoral and cellular components of selected marine cultured/aquarium teleost fishes of kerala	Dr. T. A. Josepriya Central University of Kerala, Kasaragod-671314 Kerala	3189000
83.	SR/WOS-A/LS-84/2018 Identification of novel salt responsive miRNAs to explore miRNA - mediated regulatory pathway for salt stress response in mungbean.	Dr. Bibha Rani Dr. Rajendra Prasad Central Agricultural University, Pusa, Samatipur-848125 Bihar	3093000
84.	SR/WOS-A/LS-127/2018 Phylogenetic and functional characterization of pesticide/ herbicide tolerant tea rhizobacteria of tea estates prevalent in assam for development of bio-formulation towards growth and disease suppressi	Ms Rictika Das Institute of Advanced Study in Science and Technology, Guwahati-781035 Assam	2136000
85.	SR/WOS-A/LS-129/2018 Identification of exosomes derived biomarkers for early diagnosis of paediatric tuberculosis	Dr. Rajbala Yadav National JALMA Institute for Leprosy & Other Mycobacterial Diseases, Agra-282004 Uttar Pradesh	3185000

86.	SR/WOS-A/LS-186/2018 Role of plant species in shaping rhizospheric microbial communities in core areas of Sundarbans and analysis of their biotechnological potential	Dr. Satarupa Dey Indian Statistical Institute 203, B.T. Road, Kolkata-100108, West Bengal	3207000
87.	SR/WOS-A/LS-192/2018 Investigating sexually dimorphic function of the X-inactivation escape gene Smcx/Kdm5c	Dr. Lakshmi Sowjanya Bammidi Indian Institute of Science, Bangalore-560012 Karnataka	3239000
88.	SR/WOS-A/LS-194/2018 Bacterial mediated drought tolerance: understanding the physiological, biochemical and molecular mechanism in cyamopsis (cluster bean)	Ms Ritika Jain Gujarat University Ahmedabad, Ahmedabad-380009 Gujarat	2118000
89.	SR/WOS-A/LS-195/2018 Pharmacological evaluation of optimized herbal formulation in a validated model of rheumatoid arthritis with cardiovascular complications.	Ms Trupti Dubey The Maharaja Sayajirao, University of Baroda, Vadodara-390001 Gujarat	2480000
90.	SR/WOS-A/LS-196/2018 Evaluation of probiotic bacillus isolated from fermented soybean for anti-osteoporotic attributes against postmenopausal osteoporosis	Dr. Sangeeta Huidrom Shri Guru Ram Rai Institute of Medical & Health Sciences Dehradun-24800 Uttarakhand	2755000
91.	SR/WOS-A/LS-219/2018 Development of endophytic bacterial formulation for fungal disease management of gladiolus	Dr. Deepali Shukla CSIR-National Botanical Research Institute, Lucknow-226001 Uttar Pradesh	2980000
92.	SR/WOS-A/LS-232/2018 Bioremediation of eutrophicated waters of Dal lake using Biofilms	Ms Mir Riasa Zaffar University of Kashmir, Srinagar-190006 J&K	2180000
93.	SR/WOS-A/LS-242/2018 MicroRNAs as prognostic biomarkers of chemoresistance and chemosensitivity in ovarian cancer patients undergoing combinational therapy	Ms Ranita Pal Chittaranjan National Cancer Institute, Kolkata-700026 West Bengal	2192000

94.	SR/WOS-A/LS-253/2018 Unraveling the mechanism of AGE-R1 regulation and therapeutically targeting AGE-R1 to modulate pro-inflammatory dietary factors (AGEs) in age-related disease	Dr. M.S. Shobha Central Food Technological Research Institute, Mysore-570020 Karnataka	3412800
95.	SR/WOS-A/LS-262/2018 Identification and characterization of baculovirus encoded miRNAs and evaluating their expression in plant to control predation by Helicoverpa armigera	Dr. Aditi Agrawal ICAR-National Bureau of Agricultural Insect Resources, Bangalore-560024 Karnataka	2874000
96.	SR/WOS-A/LS-278/2018 Study the chemosensitizing effect of metformin / lovastatin in obesity associated aggressive breast cancer cells	Ms V.K. Soonu Kannur University, Thalassery, Kannur-670661 Kerala	2150000
97.	SR/WOS-A/LS-309/2018 Investigating the miR-335-mRNA regulatory network in esophageal cancer by next-generation sequencing expression profiles	Dr. Geetika Suyal Guru Govind Singh Indraprastha University, Sector 16-C, Dwarka New Delhi- 110075 Delhi	3111000
98.	SR/WOS-A/LS-319/2018 Investigating the effect of osmolytes on the self-association and substrate interaction of acid stress chaperones responsible for the survival of Enterohaemorrhagic E. coli in mammalian stomach	Dr Charu Thapliyal Jawaharlal Nehru University, New Delhi-10067 Delhi	3210000
99.	SR/WOS-ALS-327/2018 Molecular mechanisms mediating diabetic retinal neurodegeneration: role of cell adhesion molecules	Dr Harshini Chakravarthy Indian Institute of Science Education and Research, Tirupati-517507 Andhra Pradesh	2934000
100.	SR/WOS-A/LS-328/2018 Role of probiotic and EPC in high fat diet alcoholic induced liver disease	Dr. Nidhi Chaudhary National Institute of Immunology, New Delhi-110067 Delhi	3638200

101.	SR/WOS-A/LS-337/2018 Impact of plant growth-promoting rhizobacteria (PGPR) and their nano-formulations on the growth-promoting and biocontrol traits in chickpea, <i>Cicer arietinum</i> L.	Dr. Pratyusha Sambangi International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, Hyderabad-502324 Telangana	2964000
102.	SR/WOS-A/LS-373/2018 Identification of gene(s) governing resistance to <i>Alternaria</i> blight with functional validation and their physical position through in situ hybridization in <i>Brassica juncea</i>	Dr. Preetesh Kumari ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus New Delhi-110012 Delhi	3215000
103.	SR/WOS-A/LS-333/2018 Functional genomics of ANK3 implicated in celiac disease	Ms. Nidhi Sharma Central University of Punjab, Mansa Road, Bathinda-151001 Punjab	2513000
104.	SR/WOS-A/LS-351/2018 A multi-gene sequence-based phylogenetic study and DNA barcoding of <i>Hygrocybe</i> and allied genera (gilled-mushrooms) of Kerala	Ms Venkata Raja Naga Sri Divya Kuravi Indian Institute of Chemical Technology, Hyderabad-500007 Telangana	1930000
105.	SR/WOS-A/LS-353/2018 Genetical and functional analysis for phosphorous and zinc efficiency of mycobiome associated with rhizosphere of oil palm in India	Dr. Suneetha Veeramachaneni ICAR-Indian Institute of Oil Palm Research, Pedavegi-534450 Andhra Pradesh	2590000
106.	SR/WOS-A/LS-361/2018 Deciphering the roles of mycobacterium tuberculosis proteases in host-pathogen interaction: implications for novel drug discovery and vaccine development	Ms. Tanu Garg Central Drug Research Institute, Lucknow-226031 Uttar Pradesh	2337000
107.	SR/WOS-A/LS-363/2018 Anti-fibrillation activity of human Protein-L-isoaspartyl-methyl transferase (PIMT) and its modulation in presence of	Dr. Tanaya Chatterjee Bose Institute, P1/12, CIT Scheme VII-M, Kolkata-700054 West Bengal	3385200

	nanoparticles		
108.	SR/WOS-A/LS-369/2018 Understanding the basis of effect of carbon nanoparticle for abiotic stress tolerance in rice	Dr. Madhusmita Panigrahy Sikha'O' Anusandhan University, Bhubaneswar-751030 Odisha	3571800
109.	SR/WOS-A/LS-390/2018 Rapid multi-gene search for deafness causing mutations among assortative mating hearing impaired families from India	Ms Mathuravalli K University of Madras, Chennai-600113 Tamil Nadu	2488840
110.	SR/WOS-A/LS-370/2018 Exploitation of mycoparasite mediated resistance in the management of rust disease in Groundnut	Dr. Durga Devi D Tamil Nadu Agricultural University, Coimbatore-641003 Tamil Nadu	2903800
111.	SR/WOS-A/LS-388/2018 Dissecting the role of PIWI-like proteins in Ephrin receptor endocytosis and trafficking in neuronal cells	Ms Rupa Ashoke Roy Pondicherry University, Pondicherry-605014 Pondicherry	2233000
112.	SR/WOS-A/LS-375/2018 Exploring the role of alpha-synuclein in dopaminergic neuron dysfunction - targeting phosphorylation as therapeutics in PD	Dr. Alka Kaushal National Institute of Mental Health and Neuro Sciences, Bangalore-560 029 Karnataka	3633200
113.	SR/WOS-A/LS-376/2018 Genomic and biochemical correlation of "Prakriti" stratified patients diagnosed with coronary artery disease (CAD): An integrative approach towards personalized CAD management	Dr. Pamila Dua All India Institute of Medical Sciences New Delhi-110029 Delhi	3121000
114.	SR/WOS-A/LS-377/2018 Seed priming with Allium sativum leaf agglutinin(ASAL) for increasing Bacillus subtilis rhizospheric colonization and enhancing resistance against Rhizoctonia solani,the sheath	Dr. Akansha Jain Bose Institute, Centenary Building, CIT Scheme, VIIM, Kolkata-700054 West Bengal	3210000

	blight pathogen of rice		
115.	SR/WOS-A/LS-382/2018 Identification of parasites of family Diplostomatidae (Trematoda: Platyhelminthes) from some economically important freshwater food fishes using morphological and molecular approaches	Dr. Anshu Chaudhary Chaudhary Charan Singh University, Meerut-250004 Uttar Pradesh	2984000
116.	SR/WOS-A/LS-383/2018 Therapeutic efficacy of topical formulation of photosystem i (PSI) delivered through novel targeted nanoliposomes against cutaneous leishmaniasis and PKDL	Dr. Amrita Pal Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road Kolkata-700032 West Bengal	3055000
117.	SR/WOS-A/LS-394/2018 Clinical, biochemical and molecular characterization of BTD gene and development of point of care test for screening biotinidase deficiency in Indian children	Ms Gunjan Didwal PGIMER, Sector-12 Chandigarh-160012 Chandigarh	2115000
118.	SR/WOS-A/LS-400/2018 Role of biocides in triggering antibiotic cross resistance	Dr. Shibani Salil Sukhi Savitribai Phule Pune University, Pune-411007 Maharashtra	3686200
119.	SR/WOS-A/LS-404/2018 Inferring regulatory role of LncRNA associated with prostate Cancer subjects	Ms. Nidhi Shukla Birla Institute of Scientific Research, Statue Circle, Jaipur-302001 Rajasthan	2775400
120.	SR/WOS-A/LS-405/2018 CRISPR/Cas9 mediated targeted mutagenesis of GmMYB39 to improve isoflavones' content in soybean seeds	Ms N. Vidya Bharathiar University Coimbatore-641046 Tamil Nadu	2231560
121.	SR/WOS-A/LS-406/2018 Study of mirna 125a expression and polymorphic variations with respect to its regulatory LIFR gene expression to evaluate their implications in recurrent	Ms Usma Manzoor Kunroo Sher I Kashmir Institute Of Medical Sciences, Srinagar-190011 J&K	2206560

	pregnancy losses		
122.	SR/WOS-A/LS-407/2018 Industrial development and its impact on soil and ground water quality in peripheral industrial areas in East Kachchh, Gujarat	Dr. Madhu Dharmendra Nathani K.S.K.V. Kachchh University, Bhuj-370 001 Gujarat	3013000
123.	SR/WOS-A/LS-412/2018 BK virus in renal transplant recipients; study of risk factors and immunological predictors	Ms Aswathi M Nair Kannur University, Kannur-670503 Kerala	2213560
124.	SR/WOS-A/LS-414/2018 Development and evaluation of polysaccharides based potential drug delivery systems	Ms Deepika Modi Guru Jmabheshwar University of Science and Technology, Hisar, 125001 Haryana	2354950
125.	SR/WOS-A/LS-440/2018 Asymptomatic malaria infections in Indian endemic regions: measurement, transmission and public health relevance	Ms Nivedita Sharma National Institute of Malaria Research, Dwarka New Delhi-110077 Delhi	2288840
126.	SR/WOS-A/LS-442/2018 Development of recombinant system for the production of malto-oligosaccharides and their application in the food industry	Ms Vidhya Shinde National Chemical Laboratory, Dr. Homi Bhabha Road, Pune-411008 Maharashtra	2461840
127.	SR/WOS-A/LS-444/2018 Implications of folic acid supplementation during chemically induced cutaneous squamous cell carcinoma in mice: mechanistic studies on folate dependent processes	Dr. Neha Arora Chugh Panjab University Chandigarh-160014 Chandigarh	2964000
128.	SR/WOS-A/LS-425/2018 Morphological and molecular identification of GIT parasites of hangul deer (cervus hanglu hanglu) in Dachigam National Park of Kashmir Valley	Ms Naziya Khurshid Bhat University of Kashmir, Srinagar-190006 J&K	2880400
129.	SR/WOS-A/LS-458/2018 Immunomodulatory effect of human β -defensin and mellitin to microbial infection in	Dr. Bency Thankappan Bharathiar University, Coimbatore-641046 Tamil Nadu	3535800

	zebrafish embryo		
130.	SR/WOS-A/LS-447/2018 Understanding the mechanism of buparvaquone resistance in apicomplexan parasite theileria annulata	Ms. Shweta Nori National Institute of Animal Biotechnology (NIAB), Hyderabad-500032 Telangana	2969600
131.	SR/WOS-A/LS-448/2018 Deciphering the complex cross-talk between micro-RNAs, competitive endogenous RNAs and RNA binding proteins and its effect on turnover/translation of target mRNAs in human breast cancer	Dr. Kamalika Sen Indian Institute of Science Education and Research, Kolkata-741246 West Bengal	3660200
132.	SR/WOS-A/LS-449/2018 Nanonized poydopamine infused amniotic membrane extract for ocular surface treatment and drug delivery	Ms. T. Rajarajeshwari Central Leather Research Institute, Chennai-600020 Tamil Nadu	2804600
133.	SR/WOS-A/LS-450/2018 Neonatal exposure to estrogen and its effects on adult mouse prostate stem cell biology	Dr. Reshma Korde Chopra National Institute for Research in Reproductive Health, Parel, Mumbai-400012 Maharashtra	3678200
134.	SR/WOS-A/LS-453/2018 Reducing pathogenic damages in betelvine (Piper betle) using ACC deaminase containing microbes	Ms Nivedita Mishra CSIR-National Botanical Research Institute, Rana Pratap Marg , Lucknow-226001 Uttar Pradesh	2189560
135.	SR/WOS-A/LS-457/2018 Dereplication guided bio-prospecting of cyclic lipopeptides from marine bacillus sp. for inhibition of mycobacterium tuberculosis”	Dr. Sagarika Devi National Institute for Research in Tuberculosis, Chennai-600031 Tamil Nadu	3165200
136.	SR/WOS-A/LS-464/2018 Investigation of the importance of SUMOylation pathway in the pathogenesis of C. glabrata	Dr. Renu Shukla University of Hyderabad, Hyderabad-500046 Telangana	3670200
137.	SR/WOS-A/LS-468/2018 Genetic dissection of	Dr. Sharbati R Singh Punjab Agricultural	3521800

	productivity traits and disease resistance in a wild emmer wheat <i>T. dicoccoides</i> - <i>T. durum</i> nested association mapping population	University, Ludhiana-141004 Punjab	
138.	SR/WOS-A/LS-470/2018 Bioremediation of heavy metals utilising myco-synthesized nanoparticles for sustainable agriculture	Ms Insha Amin University of Kashmir, Srinagar-190006 J&K	2424560
139.	SR/WOS-A/LS-471/2018 Study of oncogenic drivers and their transcriptional regulation in ovarian cancers	Ms Ibha Singh Amity University, Noida-201313 Uttar Pradesh	2379560
140.	SR/WOS-A/LS-472/2018 Molecular detection of agents and inflammatory proteins associated with suspected amoebic meningoencephalitis	Dr. Daisy Vanitha John National Institute of Mental Health and Neurosciences Bangalore-560029 Karnataka	3650200
141.	SR/WOS-A/LS-473/2018 Targeted delivery of anti-alzheimer drugs loaded lipidic nanoparticles to the brain	Ms. Dhara Priyansh Jain Jamia Hamdard, Hamdard Nagar New Delhi-110062 Delhi	2724600
142.	SR/WOS-A/LS-475/2018 Elucidating the effect of estrogen receptor-beta agonist on gliomas: A proteomics approach	Dr. Bhavna Sunder Sophia College for Women, Bhulabhai Desai Road, Mumbai-400026 Maharashtra	3682200
143.	SR/WOS-A/LS-476/2018 Role of vacuolar functions in antifungal activity of fludioxonil and virulence of pathogenic fungi	Dr. Anupam Sharma CSIR-Institute of Microbial Technology, Sector-39A, Chandigarh-60036 Chandigarh	3326800
144.	SR/WOS-A/LS-479/2018 Removal of organic and inorganic toxins from electronic waste using isolated bacterial species and competent phyto-remediators	Dr. Shailu Dalal Guin National Institute of Technology, Kurukshetra-136119 Haryana	2857000
145.	SR/WOS-A/LS-480/2018 Mechanistic studies on the therapeutic efficacy of	Ms Dharaniyambigai Kuberapandian PSG College of Arts &	2148800

	enicostemma littorale in diabetic cardiomyopathy	Science, Coimbatore-641014 Tamil Nadu	
ENGINEERING & TECHNOLOGY			
146.	SR/WOS-A/ET-160/2017 Study and fabrication of an aptamer based FET biosensor	Dr. Kashma Rai Centre for Incubation, Innovation, Research and Consultancy (CIIRC), Jyothy Institute of Technology, Bangalore-60082 Karnataka	2990000
147.	SR/WOS-A/ET-88/2017 Pattern synthesis and mutual coupling analysis for icosahedron based spherical arrays	Ms P. Priyalatha Birla Institute of Technology & Science, Pilani, Hyderabad Campus, Jawahar Nagar, Shameerpet Mandal, Hyderabad-500078 Telangana	2534000
148.	SR/WOS-A/ET-158/2017 Extraction and characterization of bioactives from tropical fruit waste using green techniques	Dr. Ipsita Das Indian Institute of Technology Bombay, Mumbai-400076 Maharashtra	3635200
149.	SR/WOS-A/ET-8/2018 Spectrum efficient schemes for IoT sensor networks	Ms Neeti Gupta Gautam Buddha University, Gautam Buddha Nagar, Greater Noida-201308 Uttar Pradesh	2001000
150.	SR/WOS-A/ET-9/2018 Design and development of adaptive loss of excitation protection scheme for synchronous generators	Ms R. Hemavathi Thiagarajar College of Engineering, Madurai-625015 Tamil Nadu	2430000
151.	SR/WOS-A/ET-18/2018 IoT based smartsurveillance system for suspicious human activity monitoring and behavioural analysis in crowds	Ms Elizabeth B Varghese Indian Institute of Information Technology and Management Kerala (IIITM-K), Trivandrum-695581 Kerala	2068400
152.	SR/WOS-A/ET-26/2018 Performance and improvement study of Bi-frequency MILO	Dr. Gargi Dixit National Institute of Technology Kurukshetra, Kurukshetra-136119	2990000

		Haryana	
153.	SR/WOS-A/ET-58/2018 Development and performance evaluation of sustainable, eco-friendly metal-working fluids	Dr. Shubha H Nataraj Indian Institute of Science, Bengaluru-560012 Karnataka	3079965
154.	SR/WOS-A/ET-59/2018 Study on cognitive radio based industrial internet of things	Ms Dola Gupta Jadavpur Universit, Kolkata-700032 West Bengal	2803518
155.	SR/WOS-A/ET-61/2018 Development of nano-particles for targeted chemo-radionuclide therapy of cancer	Dr. Biji Balakrishnan Bhabha Atomic Research Centre, Trombay, Mumbai-400085 Maharashtra	3148000
156.	SR/WOS-A/ET-64/2018 Fault detection of gearboxes using vibration and acoustic emission analysis	Ms Pallavi Gautam Indian Institute of Technology Indore, Khandwa Road Simrol, Indore-453552 Madhya Pradesh	2497400
157.	SR/WOS-A/ET-67/2018 Self-enabled monitoring of hypertension towards low cost digital healthcare	Ms Monalisa Singha Roy University of Calcutta, Kolkata-700009 West Bengal	2383128
158.	SR/WOS-A/ET-77/2018 Solar energy driven facile method for wastewater remediation	Ms Devina Rattan Paul Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonapat-131039 Haryana	2834200
159.	SR/WOS-A/ET-78/2018 Investigations on passive RFID tag antenna for UHF band applications	Ms Aarti Bansal Thapar Institute of Engineering & Technology, Patiala-147001 Punjab	2295216
160.	SR/WOS-A/ET-91/2018 Metal Rich Metal oxide for RRAM applications	Ms. Shikha Kaushik Amity University Noida, Block J-2, Sector 125, Noida-201313 Uttar Pradesh	2470400
161.	SR/WOS-A/ET-92/2018 Structural asymmetric induced nonlinear electron mobility of double quantum well pseudomorphic HEMT for low power application	Ms Sangita Rani Panda National Institute of Science and Technology (NIST), Palur Hills, Berhampur-761008 Odisha	2079200

162.	SR/WOS-A/ET-93/2018 An integrated anaerobic digestion and microbial electrolysis system for the enhancement of methane production from waste	Ms AmudhaThanarasu Anna University, Chennai-600025 Tamil Nadu	2909600
163.	SR/WOS-A/ET-98/2018 High throughput imaging system in Mentha arvensis for management of diseases, nutrient, water and harvesting using machine learning algorithms	Dr. Nupoor PrasadCSIR-Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow-226015 Uttar Pradesh	2867400
164.	SR/WOS-A/ET-101/2018 Fabrication and characterization of perovskite based electronics devices: different types of low voltage field effect transistors and resistive switching memory (Memristor)	Dr. Kalpana Agrawal National Physical Laboratory, New Delhi-110012 Delhi	3407616
165.	SR/WOS-A/ET-107/2018 Boosting the efficiency of green solar cell with coupled quantum dot (AgInTe ₂ -ZnS) architecture	Dr. Debadrita Bhattacharya Indian Institute of Technology Guwahti, Guwahati-781039 Assam	3229000
166.	SR/WOS-A/ET-114/2018 Reconfigurable antennas with frequency, polarization, and radiation pattern agility for wireless communication systems	Dr. Gunjan Srivastava Indian Institute of Technology Kharagpur, Kharagpur-721302 West Bengal	2624400
167.	SR/WOS-A/ET-119/2018 Augmentation of fermentative biohydrogen production by using nanoparticles and immobilization techniques for mitigating biowastes	Ms Priya Rai Motilal Nehru National Institute of Technology, Allahabad-211004 Uttar Pradesh	2889400
168.	SR/WOS-A/ET-120/2018 Numerical optimization in reconfigurable hardware to extend the use of model predictive control for real time application	Ms Vaishali Abhay Patne College of Engineering, Pune-411005 Maharashtra	2814115

169.	SR/WOS-A/ET-125/2018 Flexible hybrid nanogenerators towards large-scale green and renewable energy harvesting	Dr. Satyabati Das Indian Institute of Technology Kanpur Kanpur-208016 Uttar Pradesh	2677950
EARTH & ATMOSPHERIC SCIENCES			
170.	SR/WOS-A/EA-25/2017 Facies analysis and petrographic studies of synorogenic neogene sequences in parts of Mizo hills, Northeast India	Ms. Sujata Das Assam University, Assam	2320280
171.	SR/WOS-A/EA-28/2017 Efficiency of mussel shells in bioadsorption of heavy metals from polluted waters and subsequent production of corresponding alloys and its characterization studies	Dr P.R. Sreedevi Bharathiar University, Coimbatore-641046, Tamil Nadu	3545800
172.	SR/WOS-A/EA-31/2017 Assessment of bioaerosols from municipal solid waste and their impacts on human health in Hyderabad City	Dr. G.S.J.Shailaja CSIR-National Environmental Engineering Research Institute, Nehru Marg, Nagpur-440020, Maharashtra	3295200
173.	SR/WOS-A/EA-8/2018 Long-term climate and moisture variability in the diverse precipitation regimes within Indian Himalaya using speleothems as a proxy	Dr Jaishri Sanwal Bhatt Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore-560064, Karnataka	3213200
174.	SR/WOS-A/EA-11/2018 The impact of global ocean warming on Indian monsoons	Dr Prijitha Gopalapillai Indian Institute of Technology Kharagpur, Kharagpur-721302 West Bengal	2385000
175.	SR/WOS-A/EA-13/2018 Active faults and paleoseismological studies in selected sectors along the Himalayan frontal thrust, naga thrust and the mishmi thrust within the quaternaries, North Eastern India	Dr Chandreyi Goswami Chakrabarti University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700019 West Bengal	3229000

176.	SR/WOS-A/EA-15/2018 Implementation of the advanced cyclogenesis index for north Indian Ocean Under climate change scenario	Mrs. Ponnaganti Suneeta Andhra University Vishakhapatnam Andhra Pradesh	1935000
177.	SR/WOS-A/EA-16/2018 Stratospheric ozone layer depletion due to emission of greenhouse gases and CFCs from Asian region	Dr. Tanushree Chakraborty Indian Institute of Meteorology, Pune Maharashtra	2494000
178.	SR/WOS-A/EA-18/2018 Influence of monsoon related drivers on the productivity of the west coast of India	Dr. S.S. Suneela Kerala University of Fisheries and Ocean Studies, Kochi-682506 Kerala	2506000
179.	SR/WOS-A/EA-20/2018 Changing Climate Scenarios of J&K using Climate Models	Ms. Jasia Bashir Mir University of Kashmir, Srinagar, Kashmir-190006 J&K	1870000
180.	SR/WOS-A/EA-22/2018 Geomorphological evolution and climatic variations in the HorLa Basin, Ladakh Range	Ms. Priyanka Joshi Birbal Sahni Institute of Palaeosciences, Lucknow Uttar Pradesh	1712000
181.	SR/WOS-A/EA-24/2018 Spatial and Temporal Dynamics of Greenhouse Gas Emission from Two Wetland Ecosystems in Himalayan Foothill	Ms Asha Raturi Forest Research Institute, Dehradun-248006 Uttarakhand	2197000
182.	SR/WOS-A/EA-26/2018 External and internal forcing on Indian temperature variability: implications on ground water changes	Ms Padmavathi Bevara National Geophysical Research Institute (NGRI) Hyderabad-500007 Telangana	1583000
183.	SR/WOS-A/EA-28/2018 Fluoride and Toxic metal contamination in great mica belt of Jharkhand: Geochemistry and health implications	Dr. Soma Giri CSIR-Central Institute of Mining and Fuel Research, Barwa Road, Dhanbad-826015 Jharkhand	3160000
184.	SR/WOS-A/EA-32-2018 Assessing plant residue effect on organic C-stock in soils of different agro-climatic regions of	Dr. Bidisha Majumder Bidhan Chandra Krishi Viswavidyalaya, Mohanpur-741252 West Bengal	2835000

	West Bengal under agricultural land use practice in relation to land productivity		
185.	SR/WOS-A/EA-33/2018 Design intervention strategies for mitigating the impacts of heat waves through modified land cover	Ms C Neethu CSIR Fourth Paradigm Institute Bangalore-560037 Karnataka	1580000
186.	SR/WOS-A/EA-34/2018 Influence of Extra-Tropical Forcing on Asian Monsoon-Agriculture and Economy	Dr. Sandhya M Providence Women's College, Malaparamba, Kozhikode-673009 Kerala	2486000
187.	SR/WOS-A/EA-35/2018 Cross-shore morphodynamics of a monsoon coast	Ms S Anjali Nanesn Environmental Research Centre - India (NERCI), First floor KUFOS Amenity Centre, Kochi-682506 Kerala	1644000
188.	SR/WOS-A/EA-36/2018 Geochemical assessment of water and soil quality in coal mining areas of Nagaland	Ms Thungbeni M Ovung CSIR-National Geophysical Research Institute, Uppal Road, Hyderabad-500007 Telangana	1820000
189.	SR/WOS-A/EA-37/2018 Biochar from solid waste a sustainable green approach for solid waste management and climate change mitigation	Dr. Sri Shalini Sathyanarayanan Anna University, Chennai-600025 Tamil Nadu	3540200
190.	SR/WOS-A/EA-38/2018 Radiogenic heat production studies on Malani Felsic Province, NW India	Dr. Samita Biswal Anna University, Chennai, Chennai-600025 Tamil Nadu	2986416
191.	SR/WOS-A/EA-39/2018 TEC Data ingestion to ionospheric empirical models from Indian EIA region to improve model predictions	Dr. Sheetal Piyush Karia S.V. National Institute of Technology, Ichchhanath, Surat-395007 Gujarat	2550000
192.	SR/WOS-A/EA-40/2018 Electromagnetic induction studies to provide conductivity structure of Andaman-Nicobar	Ms Anusha Edara National Geophysical Research Institute, Uppal Road, Hyderabad-500007 Telangana	1680000

	subduction zone		
193.	SR/WOS-A/EA-42/2018 Morphotectonic evolution of SW Saurashtra, Western India	Dr. Naimisha Vanik The Mharaja Sayajirao University of Baroda Gujarat	1292000
194.	SR/WOS-A/EA-47/2018 A comparative study on the tectonothermal history of the Chhotanagpur Gneissic Complex and evolution of the granitoid rocks from two selected sectors of Saltora-Santuri and Dumka in Eastern India	Dr. Poulami Roy University of Calcutta West Bengal	1633000
195.	SR/WOS-A/EA-48/2018 Tectono-metamorphic evolution of calc-silicate rocks around Lunavada, Gujarat	Ms Gayatri Nakul The M.S. University of Baroda Vadodara-390002 Gujarat	1360000
196.	SR/WOS-A/EA-49/2018 Aerosol-boundary layer interaction and its role in fog events over Indo-gangetic plains	Dr. Chandrakala Bharali Dibrugarh University, Dibrugarh-786004 Assam	2908000
197.	SR/WOS-A/EA-51/2018 Geochemistry of basalt weathering in different climatic zones of deccan traps	Ms Anuradha Patel Jawaharlal Nehru University, New Delhi-110067 Delhi	1750000
198.	SR/WOS-A/EA-52/2018 Analysis of the Holocene palaeoclimate at high altitude lakes in western Arunachal Pradesh, based on palynology, and mineral magnetism	Dr. Nivedita Mehrotra Birbal Sahni Institute of Palaeosciences Lucknow Uttar Pradesh	2955000
199.	SR/WOS-A/EA-53/2018 Studies on day-to-day variability of vertical distribution of atmospheric aerosols using automatic twilight photometer	Dr. Pratibha Bhagavan Rao Mane Fergusson College, F. C. Road, Pune 411004 Maharashtra	3144000
200.	SR/WOS-A/EA-7/2019 Basin configuration and paleogeography of the pre-cryogenian succession of lesser Himalayan succession of Kumaun Sector	Dr. Poonam Jalal Kumaun University Nainital-263002 Uttarkhand	3137832

201.	SR/WOS-A/EA-15/2019 Analysis of Holocene climate and vegetation around Tsomgo Lake, Sikkim: implecations from a high-altitutde region in Eastern Himalaya	Dr. Ruchika Bajpai Mohanty Agricultural University, Jorhat-785013 Assam	2930400
202.	SR/WOS-A/EA-16/2019 Amelioration and bioenergy plantation on mine spoil using composite biochar fertilizer	Dr. Sangeeta Mukhopadhyay Central Institute of Mining and Fuel Research, Dhanbad-828108 Jharkhand	2781000
203.	SR/WOS-A/EA-22/2019 Late Quaternary megafloods in the Rivers of western India: generic processes and climate transitions	Dr. Alpa Sridhar The M. S. University of Baroda, Vadodara-390002 Gujarat	3316800
204.	DST/WOS-A/EA-32/2019 Late Quaternary - Holocene palaeoclimate and sea level fluctuations from northwestern India: evidence from multiproxy studies	Dr. Rachna Raj Jawaharlal Nehru University, New Delhi-110067 Delhi	3137200
205.	DST/WOS-A/EA-35/2019 Petrographic, mineralogic and geochemical proxies for significant climate change in the Permo-Triassic transition of the Pranhita-Godavari basin, south-central India	Dr. Sampa Ghosh University of Calcutta, 35 Ballygunge Circular Road, Kolkata-700019 West Bengal	3007200