

# SCIENCE & ENGINEERING RESEARCH BOARD

## List of projects sanctioned in year the 2016-17.

S.NO	SCHEME	TITLE	PI DETAILS	TOTAL COST
1	EMEQ	Genotypic Diversity of human, bovine and porcine group A rotaviruses	Dr.Z.B.Dubal Indian Veterinary Research Institute Izatnagar 243122 Uttar Pradesh	4765824
2	EMEQ	Temperature Control in the machining processes with optimum quantity lubrication	Dr.Maya Madhukar Charde Department of Mechanical Engineering MIT Accademy of Engineering Technology Research Laboratories Pune 412105 Maharashtra	1100000
3	EMEQ	Process Development for treatment of Cr(VI) contaminated wastewater by using Nanotechnology	Ms.Mamta D.Sardare Department of Chemical Engineering MIT Accademy of Engineering Pune 412105 Maharashtra	550000
4	EMEQ	Soil Erosion risk assesment in Bhogawati basin (Maharashtra): a Geoecological analysis	Dr.M.N.Survase Department of Geography Hon Shri Annasaheb Dange Arts, Commerce & Science College Kolhapur 416109 Maharashtra	550000
5	EMEQ	Climate change adaptation strategies for biodiversity conservation in western ghats, India	Dr.M.Muthukumar Department of Environmental Science Central University of Kerala Kasargod 671316 Kerala	2807200
6	EMEQ	Design and Development of carbon nanotubes functionalized with dendrimer-Hydroxyapatite-MNPs based nanohybrids for bone tissue engineering	Dr.E.Murugan Department of Physical Chemistry University of Madras Chennai 600025 Tamilnadu	550000
7	EMEQ	Treatment of sago-industrial waste water through high rate bio methanation and utulizing the recovered energy for the roasting and value additio of sago products	Dr.V.Palaniselvam Department of Bioenergy Tamil Nadu Agricultural University Coimbatore 641003 Tamilnadu	550000
8	EMEQ	Large Scale Exfoliation of few layer pristine Graphene and Developing and developing high performance Electrochemical Devices	Dr.Rajasekar Krishnan Department of Nanotechnology Anna University Coimbatore 641047 Tamilnadu	1100000

9	EMEQ	A Study on Austenitic Stainless Steel AISI Type 316L and Low Carbon Steel ASTM A302-B using Laser Beam Welding	Dr.K.Lingadurai Department of Mechanical Engineering University College of Engineering Dindigul 624622 Tamilnadu	1100000
10	EMEQ	Intecrepting the impacts of climate change on vegetable disease and deducing their management strategies under Indian Conditions with special emphasis on Genetic belts of Northern and North Eastern India	Dr.B.Mahesha Division of Crop Protection Indian Institute of Horticultural Research Bangalore 560089 Karnataka	540000
11	EMEQ	Compartive Studies of brain targeted systems for the treatment of migraine	Dr.Suman Ramteke School of Pharmaceutical Sciences Rajiv Gandhi Proudoyogiki Vishwavidyalaya Bhopal 462033 Madhya Pradesh	550000
12	EMEQ	Palyno Biozonation and palaeoclimatic reconstruction of permo mesozoic sediments, west Bokaro Coalfield Damodar Basin	Dr.Srikanta Murthy Department of Gondwana Palynology Birla Institute of Technology Lucknow 226007 Uttar Pradesh	1080000
13	EMEQ	Automatic Segmentation of abdominal organs in 3D medical data sets for diagnosis and treatment planning	Dr.Gajendra Kumar Mourya Department of Biomedical Engineering North Eastern Hill University Shillong 793022 Meghalaya	1100000
14	EMEQ	Effect of minimal and thermal processing on antioxidant activity and in vitro anticancer activity of guava cultivars	Dr.Devinder Kaur Department of Food Technology University of Allahabad Allahabad 211002 Uttar Pradesh	1100000
15	EMEQ	Diastereoselective synthesis of $\delta$ -lactones through intramolecular cyclopropanation of enolethers	Dr.J.Elangovan Department of Chemistry H.H.The Rajah's College Pudukkottai 622001Tamilnadu	550000
16	EMEQ	Training on Edible mushroom cultivation technology for unemployed women SC/ST population in the salem district, Tamilnadu India	Dr.S.Murugesan Department of Botany Periyar University Salem 636011Tamilnadu	3801600
17	EMEQ	Investigation of nutritional deficiency diseases among schedule adolescents girls (SC & ST ) and impact of nutrient ball supplementation and dietary intervention	Mrs.S.Geethanjali Department of Home Science Mother Teresa women's University Kodaikanal 624101 Tamilnadu	2543200

18	EMEQ	Co-doped nanosize metal oxides synthesis characterization and applications	Dr.Anil B.Gambhire Department of Chemistry Shri Anand College Ahmednagar 414102 Maharashtra	550000
19	EMEQ	Electrical resistivity modelling of potential aquifer and identification of suitable groundwater recharge zones using electrical resistivity tomography in ottapidaram taluk thoothukudi district Tamil Nadu	Dr.T.Jeyavel Raja Kumar Department of Earth Sciences Annamalai University Chidambaram 608002 Tamilnadu	4016100
20	EMEQ	Small Molecules modulators for autophagy	Dr.RavananPalaniyandi School of Biosciences and Technology Vellore Institute of Technology University Vellore 632014 Tamilnadu	5296720
21	EMEQ	To identify the cognitive markers in maternal psychological stress induced offspring rat brain	Dr.R.Ravindran Department of Physiology University of Madras Chennai 600113 Tamilnadu	1100000
22	EMEQ	Treatment of tannery effluent using cyanobacteria with different agrowastes and the prospective application of treated effluent on plants	Dr.P.Malliga Department of Marine Biotechnology Bharathidasan University Trichy 620024 Tamilnadu	1100000
23	EMEQ	Identification and biological studies of potential bioactive constituents from important medicinal plants to combat multidrug resistant bacterial pathogens	Dr.S.Premalatha Department of Botany Government Arts College Coimbatore 641018 Tamilnadu	1100000
24	EMEQ	Antioxidant anticancerous and cytotoxic effects of mangrove	Dr.A.Sheela Devi Department of Biotechnology Karpaga Vinayaga College of Engineering and Technology Kanchipuram 603308 Tamilnadu	1100000
25	EMEQ	Development of multi plume gaussian diffusion model intended for air quality regulatory purposes in India	Dr.S.Palanivel Raja Department of Civil Engineering Annamalai University Annamalainagar 608502 Tamilnadu	1100000

26	EMEQ	Collection and Conservation of rice land races and their DNA fingerprinting from Kolhapur District And Improvement of kala Girga rice ( <i>Oryza sativa</i> L.) land race through multations	Dr.N.B.Gaikwad Department of Botany Shivaji University Kolhapur 416004 Maharashtra	4029080
27	EMEQ	Design and Synthesis of newer biologically active agents using conventional approach and synergy of ionic liquid and microwave irradiation	Dr.N.B.Patel Department of Chemistry Veer Narmad South Gujarat University Surat 395007 Gujarat	550000
28	EMEQ	Diversity distribution and management of aquatic invasive macrophytes (AIM) in assam, an indo Burma Biodiversity Hotspot	Dr.Tapati Das Department of Ecology and Environmental Assam University Silchar 788011Assam	2873200
29	EMEQ	Hot Rolling studies on TiO <sub>2</sub> and graphite reinforced AL7075 based metal matrix Composites	Dr.Amithkumar Gajakosh Department of Mechanical Engineering BTL Institute of Technology & Management Bangalore 560099 Karnataka	1100000
30	EMEQ	Collection DUS Characterization evaluation prufication and multiplication of indigenously inherited millet crops of tribal farmers of Eastern Ghats of Andhra Pradesh	Dr.Bontha Vidhyadhar Department of Genetics & Plant Breeding Agricultural College Hyderabad 500030 Telangana	550000
31	EMEQ	Investigation on Rare-Earth metals doped metal oxides nanoparticles for solar cell and sensor cell and sensor Applications	Dr.K.Prabha Department of Physics Mother Teresa women's University Kodaikanal 624101 Tamilnadu	4446200
32	EMEQ	LaBr <sub>3</sub> :Ce Scintilation Detectors for Fast timing measurements	Dr.Samarjit Sihotra Department of Physics Panjab University Chandigarh 160014 Chandigarh	5500000
33	EMEQ	Synthesis and characterization of mixed metal oxides and their applications in catalysis.	Dr.Kamble Prakash Dattatraya Department of Chemistry Balasaheb Desai College Satara 283047 Maharashtra	1100000

34	EMEQ	Novel Chemo/regio-/stereo-selective C-C and C-heteroatom bond formation by synergistic catalysis and their applications in total synthesis	Dr.Santosh B.Mhaske Division of Organic Chemistry National Chemical Laboratory Pune 411008 Maharashtra	4024512
35	EMEQ	Synthesis of conducting polymer doped with transition metal nanocomposite sensors	Dr.Anjali S.Rajbhoj Department of Chemistry Babasaheb Ambedkar Marathwada University Aurangabad 431005 Maharashtra	1100000
36	EMEQ	Development of highly stable Zr(IV) and Hf(IV) Based metal organic framework materials for applications in gas storage separation and (chemical sensing	Dr.Shyam P.Biswas Department of Chemistry Indian Institute of Technology Guwahati 781039 Assam	4510000
37	EMEQ	Development of biocompatible fluorescent quantum dots emitting in second near infrared region (1000-1400 nm)	Dr.Sudarsan Tamang Department of Chemistry Sikkim University Gangtok 737102 Sikkim	4698000
38	EMEQ	Wild mushroom from NE India evaluation of their nutritional status and medicinal properties	Dr.Robin Chandra Boro Department of Agricultural Biotechnology Assam University Jorhat 785013 Assam	3988400
39	EMEQ	Nutritional Nutraceutical and cytotoxic studies on unexplored and underutilized wild mushrooms of western ghats karnataka	Prof.Raja Naika Department of Applied Botany Kuvempu University Shimoga 577451 Karnataka	2395000
40	EMEQ	Development and evaluation of zeolite polyacrylate based nanocomposite films for active packaging system of fruits and vegetables	Dr.Ramesh Malothu Department of Biotechnology Institute of Science and Technology Kakinada 533003 Andhra Pradesh	2788000
41	EMEQ	Development of novel modulated antenna arrays for the present communication systems	Dr.Sujit Kumar Mandal Department of Electronics & Communication Engineering National Institute of Technology Durgapur 713209 West Bengal	3960000
42	EMEQ	Fabrication and luminescence properties of Nd <sup>3+</sup> and Er <sup>3+</sup> ions in lead fluoroborate glasses modified by PdF <sub>2</sub> for fiber lasers and optical amplifiers	Prof.Borelli Deva Prasad Raju Department of Future Studies Sri Venkateswara University Tirupati 517502 Andhra Pradesh	3724000

43	EMEQ	Fesibility study on the use of bio-degradable oils as transformer insulation	Mr.Sovan Dalai Department of Electrical Engineering Jadavpur University Kolkata 700032 West Bengal	1909500
44	EMEQ	Development of multiple stress ageing facility for composite insulators used for HVAC and HVDC tansmission	Dr.Subba Reddy Basappa Department of Electrical Engineering Indian Institue of Science Bangalore 560012 Karnataka	4217000
45	EMEQ	Investigation anticancer potential of biosynthesized silver nanoparticles and polymeric nanoparticles using medicinal plants of Rajasthan India	Dr.Kiran Kumar Tejavath Department of Chemistry Central University of Rajathan India Ajmer 305817 Rajasthan	4571000
46	EMEQ	Dissection of pathogenesis genes of peronospora plantagins underwood a fungal pathogen causing isbgol downy mildew disease	Dr.Ponnachamy Manivel Department of plant Breeding Directorate of Medicinal & Aromatic Plants Research Anand 387310 Gujarat	2441000
47	EMEQ	Metal organic framework catalyzed aziridination reaction	Dr.Anand Pariyat Department of Chemistry Sikkim University Gangtok 737102 Sikkim	4768979
48	EMEQ	Evaluation of selectivity of insecticides against different mealy bug species and their major natural enemies associated with cotton tomato brinjal and papaya	Dr.K.Shankarganesh Central Institute For Cotton Research Nagpur 440010 Maharashtra	1080000
49	EMEQ	Phytochemical potential of mdicinal plants as a source of anti sickling agents for health management in sickle cell disease	Dr.Pooja J.Doshi Department of Chemistry University of Pune Pune 411007 Maharashtra	1100000
50	EMEQ	Simulation and modeling of big data time series	Dr.Pritpal Singh Charotar University of Science And Technology Anand 388421 Gujarat	2378000
51	EMEQ	Design and development of multi band circularly polarized compact metamaterial antenna for mobile/WLAN/WiMAX applications	Dr.Rahgvendra Kumar Chaudhary Department of Electronics Engineering Indian School of Mines Dhanbad 826004 Jharkhand	5126000

52	EMEQ	Development of advanced Nanobiosensor for pathogenic microorganisms detection	Prof.Dinakaran Kannaiyan Department of Chemistry Thiruvalluvar University Vellore 632004 Tamilnadu	3064000
53	EMEQ	Design and development of hybrid inhibitor to synchronously act on four biochemically distinct target for suppression of tumor growth in a synergistic manner	Dr.Santosh Namdeo Mokale Department of Pharmaceutical Chemistry YB Chavan College of Pharmacy Aurangabad 431001 Maharashtra	3669000
54	EMEQ	Biotic change across paleocene eocene successions in garo hills meghalaya India	Dr.Yengkhom Raghmani Singh Department of Earth Sciences Manipur University Imphal 795003Manipur	4219000
55	EMEQ	Treatment of sugar industry wastewater management in sugar industry	Dr.Parmesh Kumar Chaudhari Department of Chemical Engineering National Institute of Technology Raipur 492010 Chhattisgarh	2786060
56	EMEQ	Quantifying the total ecosystem level carbon sequestration potential of different along an elevational gradient in Uttarakhand western Himalaya different climate scenarios	Dr.Ratul Baishya Department of Botany University of Delhi New Delhi 110007 Delhi	4148000
57	EMEQ	Green synthesis of different biodegradable nanoparticles for enhanced drug delivery of some phytoconstituents	Dr.Madhulika Bhagat School of Biotechnology Jammu University Jammu 180006 Jammu & Kashmir	2656000
58	EMEQ	Determinants of marital instability A statistical study	Dr.Salam Shantikumar Singh Department of Statistics Manipur University Imphal 795003 Manipur	1799500
59	EMEQ	Physiological and biochemical characterization of edible plants grown in the vicinity of thermal power plants in chhattisgarh state: An impact of oxidative stress due to exposure to polycyclic aromatic hydrocarbons	Dr.Vivekanana Mandal Department of Pharmacy Guru Ghashidas Vishwavidyalaya Bilaspur 495009 Chhattisgarh	3944500

60	EMEQ	Characterization of novel anticancer protein from quinoa bran for their application in functional food	Dr.Sachin M.Eligar Department of Protein Chemistry and Technology Central Food Technology Research Institute Mysore 570020 Karnataka	3948000
61	EMEQ	Molecular Analysis of the bacterial diversity for biocorrosion control in crude oil reservoir	Dr.Rajasekar Aruliah Department of Biotechnology Thiruvalluvar University Vellore 632004 Tamilnadu	4912000
62	EMEQ	Investigation on bimetallic thiocyanate ligand based nonlinear optical crystals ZnCd(SCN) <sub>4</sub> , ZnHg(SCN) <sub>4</sub> , Hg <sub>4</sub> CdBr <sub>2</sub> (SCN) <sub>6</sub> for laser applications	Dr.SM Ravi Kumar Department of Physics Government Arts College Tiruvannamali 606603 Tamilnadu	2569000
63	EMEQ	Characterization of bioactive compounds from endophytic associated with medicinal plants used by tribal community of achanakmar wild life sanctuary bilaspur C.G.	Dr.Surendra Kumar Gond Banaras Hindu University Varanasi 221005 Uttar Pradesh	2346000
64	EMEQ	Characterization of sets of periodic points of interval maps	Dr.Chiranjeevi Perikala School of Mathematics Indian Institute of Science Education and Research Thiruvananthapuram 695016 Kerala	1392000
65	EMEQ	Processing and characterization of Al <sub>2</sub> O <sub>3</sub> caTiO Electroconductive nanocomposite for the femoral head in total HIP replacement	Dr.Prafulla Kumar Mallik Department of Metallurgical and Materials Engineering Indira Gandhi Institute of Technology Dhenkanal 759146 Odisha	4780000
66	EMEQ	Understanding the mechanism of polyunsaturated fatty acid accumulation in chia (Salvia hispanica) seeds	Dr.Ajay Wamanrao Tumaney Central Food Technology Research Institute Mysore 570020 Karnataka	3455000
67	EMEQ	Computational Study of spin polarization in ternary chalcogenide	DR.Chandan Bera Institute of Nano Science And Technology Mohali 160047 Telangana	4504000
68	EMEQ	potential application of megasonics (High frequency ultrasound) in Co <sub>2</sub> capture solvents regeneartion an initial appraoch	Dr.Ambedkar Balraj Department of Chemical Engineering SSN College of Engineering Kalpakkam 603110Tamilnadu	2136000



69	EMEQ	Formation of surface composite by additive friction stir processing of Ti alloy Ti-6Al-4V defence applications	Dr.Vijay Devidas Department of Materials Engineering Defence Institute of Advanced Technology Pune 411025 Maharashtra	2522000
70	EMEQ	Non-Leaching anti infective coating for biodegradable medical implant	Dr.Sampa Saha Centre for Polymer Science & Engineering Indian Institute of Technology New Delhi 110016 Delhi	4291000
71	EMEQ	Polycyclic aromatic hydrocarbons (PAHs) in the atmosphere of Jamshedpur east India source human health risk assessment and climate effects	Dr.Balram Ambade Department of Chemistry National Institute of Technology Jamshedpur 831014 Jharkhand	2899000
72	EMEQ	Investigation on acetylation dependent activation of notch signaling pathway by HDAC inhibitors a possible mechanism for drug resistance and survival upon HDAC inhibition therapy in NSCLS Cell Lines	Dr.RaviKumar Vilwanathan Department of Biotechnology Bharathidasan University Tiruchirappalli 620024 Tamilnadu	2899000
73	EMEQ	To understand the role of GTP binding proteins a complex regulator for survival and pathogenesis mechanisms in Mycobacterium tuberculosis H37Rv	Dr.Laxman Singh Meena Institute of Genomics and Integrative Biology Delhi 110007 Delhi	3370000
74	EMEQ	Study of network comparison methods and their applications to biological networks	Dr.Ravins Ravins Jamia Millia Islamia New Delhi 110025 Delhi	2312000
75	EMEQ	Hypolipidemic activity of medicinal plants from Tamilnadu	Dr.Sasikumar Karuppiah Department of Botany Periyar University Trichy 620023 Tamilnadu	1485000
76	EMEQ	Development of glycoprotein E1/E2-immunoglobulin (Ig) chimeric subunit vaccine candidates against Chikungunya virus in E.Coli	Dr.Suman Tapryal Department of Biotechnology Central University of Rajasthan Ajmer 305817 Rajasthan	3409000

77	EMEQ	Development of axially chiral 3-Indolyl based heterobiaryls: Synthesis Separation, Isolation of atropisomers and study of their physicochemical properties applications in Biology and materials sciences	Dr.Parasuraman Jaisankar Department of Organic and Medicinal Chemistry Indian Institute of Chemical Biology Kolkata 700032 West Bengal	4181000
78	EMEQ	Functional role of c-Met in the regulation of topol and Pax5 and therapeutic inhibition in small cell lung cancer (SCLS)	Dr.Sivakumar Loganathan Department of Environmental Sciences Periyar University Salem 636011 Tamilnadu	4808000
79	EMEQ	Assessment of methyl mercury present in the aquatic biota nearby thermal power plant	Dr.Sharda Prasant Kosankar Division of Environmental Impact and Risk Assessment National Environmental Engineering Research Institute Nagpur 440020 Maharashtra	2090800
80	EMEQ	Empowerment of SC/ST rural youth through skill development and entrepreneurship programmers	Dr.Prithivimangalam Ponnusamy Murugan Department of Agricultural Extension and Rural Sociology Tamil Nadu Agricultural University Coimbatore 641003Tamilnadu	2279000
81	EMEQ	Vibratory Shear Enhanced Filtration Process For Separation of Nanoparticles synthesized by Microorganism using Nanofiltration flat membrane	Dr.D.Vasanth Department of Biotechnology National Institute of Technology Raipur 492010 Chhattisgarh	2679000
82	EMEQ	Antennal transcriptome and differential expression of odor processing genes of the invasive insect pest red palm weevil (Rhynchophorus ferrugineus)	Dr.Mamidala Praveen Department of Biotechnology Telangana University Nizamabad 503322 Telangana	4216000
83	EMEQ	Osteoconductive polyster amide from recycled polyethylene terephthalate waste for bone tissue engineering	Dr.Kishor Sarkar Department of Polymer Science and Technology Calcutta University Kolkata 700073 West Bengal	4881977
84	EMEQ	Development of highly efficient perovskite solar cells using chemical vapor deposited graphene and graphene nanocomposites as Electron transport layers	Dr.Kusum Kumari Department of Physics Natioanl Institute of Technology Warangal 506004 Telangana	2860000

85	EMEQ	Design and development of miniaturized pattern/Frequency reconfigurable MIMO antennas and its performance improvement using Artificial electromagnetic material	Dr.Manoj Kumar Meshram Department of Electronics Engineering Indian Institute of Technology, Varanasi 221005 Uttar Pradesh	4252000
86	EMEQ	Surface modified magnetic solid lipid nanoparticles for imaging and hyperthermia with dual drug therapy in colon cancer	Dr.Arvind Gulbake DY Patil University Kolhapur 400614 Maharashtra	3284000
87	EMEQ	Development of alumina-Zirconia titania based ceramic composite for biomedical applications	Dr.Ajoy Kumar Pandey Department of Metallurgical and Materials Engineering National Institute of Technology Warangal 506004 Telangana	3790000
88	EMEQ	Anatomical and functional study of neurokinin B in the brain of catfish clarias batrachus	Dr.Vikash Gulabrao Baragade Department of Zoology Rashtrant Tukadoji Maharaj Nagpur University Nagpur 440001 Maharashtra	3172600
89	EMEQ	Structure developments during deformation and annealing titanium alloys	Dr.Rajesh Kisni Khatirkar Department of Metallurgical and Materials Engineering National Institute of Technology Nagpur 440010 Maharashtra	1936000
90	EMEQ	To Evaluate the role of microenvironment clonality assay and 9P24 alternation in diagnosis and prognostication of refractory hodgkin's lymphoma	Dr.saumyarajan Mallick Department of Pathology All India Institute of Medical Sciences New Delhi 110029 Delhi	3229000
91	EMEQ	Design and development of Ku Band microstrip patch antenna arrays for satellite application	Dr.Anjaneyulu Gera Department of Electronics And Communication Engineering Maharaj Vijayaram Gajapathi Raj College of Engineering Vizianagaram 535005 Andhra Pradesh	3141000
92	EMEQ	Design and Development of RF-MEMS based reconfigurable antenna for body area network applications	Dr.Sivakumar M. Department of Electronic and Communication Engineering Koneru Lakshmaiah Education Foundation Vijayawada 522502 Andhra Pradesh	4145000

93	EMEQ	Collection identification conservation morpho cyto taxonomy and genemic in situ hybridization of underutilized and wild relatives of sechiun edule (Jacq.) sw	Dr.Sanjay Kumar Department of Botany Nagaland University Zunheboto 798627 Nagaland	1650000
94	EMEQ	Synthesis and photophysical studies of new electron donor acceptor molecules and their application in dye snsitized solar cells	Dr.Ravi Kumar Kanaparathi Department of Chemistry Central University of Kerala Kasargod 671123 Kerala	5352000
95	EMEQ	Mechanistic investigation in sono hybrid biological processes for treatment of pharmaceuticals	Dr.Sankar Chakma Department of Chemical Engineering Indian Institute of Science Education and Research Bhopal 462066 Madhya Pradesh	5112600
96	EMEQ	Development of an electrically conductive graphene reinforced polymer composite materials for EMI sheilding/electrostatic charge dissipation in electronic devices and space applications	Dr.D.Shivakumar Indian Institute of Science Bangalore 560012Karnataka	3096000
97	EMEQ	Development of computational methods for automatic detection and classification alzheimers disease in brain MR image	Dr.Kalavathi Palanisamy Department of Computer Science and Application Gandhigram Rural Institute Dindigul 624302 Tamilnadu	2202000
98	EMEQ	An efficient synthesis of biologically active compounds via one step synthesis from diverse heterocyclic scaffolds	Dr.Hitendra Mangubhai Patel Department of Chemistry Sardar Patel University Vallabh Vidyanagar 388120 Gujarat	4862000
99	EMEQ	International Market Singnals for indian Agricultural Trade during WTO regime R&D strategies and policies	Dr.Dastagiri M.B. Department of Research System Management National Academy of Agricultural Research Management Hyderabad 500030 Telangana	1242000
100	EMEQ	Numerical study of convective transport in a viscous fluid saturated porous medium	Dr.Pranitha Janapatla Department of Mathematics National Institute of Technology Warangal 506004 Telangana	1700500
101	EMEQ	Studies on functional fatigue Behaviour of shape memory alloys for acturtor and sensor applications	Prof.Sampath Vedamanickam Department of Metallurgical and Materials Engineering Indian Institute of Technology Chennai 600036 Telangana	4816000

102	EMEQ	Studies towards synthesis of mono and bis aryl substituted idazocine ring of troger base/troger base analogues and investigation of their Utility in asymmetric catalysis/Medicinal applications	Dr.Amarjit Kaur Department of Chemistry Panjab University Chandigarh 160014 Chhattisgarh	4195000
103	EMEQ	Drying of polymer solvent coatings experimental and simulation study	Dr.Raj Kumar Arya Department of Chemical Engineering Thapar Institute of Engineering & Technology Patiala 147004 Punjab	4120910
104	EMEQ	Study of anti obesity property of root extract of potentilla fulgens a known anti diabetic medicinal plant available in meghalaya	Dr.Suktilang Majaw Department of Biotechnology and Bioinformatics North Eastern Hill University Shillong 793022 Meghalaya	3229000
105	EMEQ	Investigation on integrated system of fluorinated graphene+amino acid based ionic liquids for Co2 capture	Dr.Senthilkumar Lakshmi pathi Department of Physics Bharathiar University Coimbatore 641046 Tamilnadu	3556000
106	EMEQ	Study of genotypes phenotypes and search for new genes in patients of fanconi anemia with no mutations in known genes	Dr.Babu Rao Vendinti Department of Cytogenetics National Institute of Immunohematology Mumbai 400012 Maharashtra	4034000
107	EMEQ	Unravelling the role of calmodulin (CaM), A calcium dependent protein in potato	Dr.Deepak Kumar Department of Plant Science Central University of Jammu Jammu 180012Jammu & Kashmir	4252000
108	EMEQ	Development of oral parvo virus vaccine combined with probiotics as spray	Dr.Ramalingam Mahaprabhu Tamilnadu Veterinary and Animal Sciences Thoothukudi 600051Tamilnadu	3922000
109	EMEQ	A details of electrolyte gated organic field effect transistors	Dr.Bikas Chandra Das School of Physics Indian Institute of Science Education and Research Thiruvananthapuram 695016 Kerala	4948000
110	EMEQ	Cytogenetic and molecular evaluation of cancer risk in tobacco exposure in undeveloped peoples of hills and foothills in western ghats of tamilnadu	Dr.Ramchandran Chandirasekar Department of Zoology Sri Vasavi College Erode 638316Tamilnadu	3613000
111	EMEQ	Assessment of cardiovascular disorders using image processing techniques	Dr.Kavitha Ganesan Department of Electronics Anna University Chennai 600025Tamilnadu	3151000

112	EMEQ	Harnessing the potential of lasora ( <i>Cordia myxa</i> L.) a multipurpose fruit plant of arid and semi arid regions of india	Dr.Purkha Ram Meghwal Central Arid Zone Research Institute Jodhpur 342003 Rajasthan	2090000
113	EMEQ	Development and validation of grafted seedlings of brinjal for management of bacterial wilt disease	Dr.Asit Kumar Mandal Bidhan Chandra Krishi Viswavidyalaya Nadia 741252 West Bengal	3557000
114	EMEQ	Extraction of pour point depresants from fruits and its use for crude oil transporation	Dr.Tarun Kumar Naiya Department of Petroleum Engineering Indian School of Mines Dhanbad 826004 Jharkhand	3339000
115	EMEQ	Bio-inspired nanostructured bioactive glass/polymer composite scaffolds for bone implants 3D printing	Dr.Mandhakini Mohandas Anna University Chennai 600025 Tamilnadu	2679000
116	EMEQ	Allelic varitions for kernel row number (KRN) and cob length (CL) genes in subtropical maize ( <i>Zea mays</i> L.) germplasm and their utilization in developing high yielding maize hybrids	Dr.Ganapati Nagu Mukri Department of Genetics Indian Agricultural Research Institute New Delhi 110012Delhi	2811000
117	EMEQ	Provision of frequency regulation using V2G control and HVDC transmission links with virtual synchronous power concept	Dr.Sanjoy Debbarma Department of Electrical Engineering National Institute of Technology Shillong 793003 Meghalaya	1000000
118	EMEQ	Starter culture technology for processing quality coffee	Dr.Pushpa Srinivas Murthy Central Food Technological Research Institute Mysore 570020 Karnataka	3068000
119	EMEQ	Investigation on implantable conformal antennas for the biomedical applications	Dr.Ketavath Kumar Naik Department of Electronics And Communication Engineering KL University Vijayawada 522502 Andhra Pradesh	3806000
120	EMEQ	Role of melatonin on lung injury in dibetic lbino rat investigation of molecular mechanism	Dr.Rajesh Kumar Kharwar Department of Zoology Kutir Post Graduate College Jaunpur 222146 Uttar Pradesh	3320000
121	EMEQ	Nematophagous bacteria identification and profiling of host specificity of pasteuria penentrans infecting meloidogyne spp. In pulses	Dr.R.Jagadeeswaran Department of Crop Protection Indian Institute of Pulses Research Kanpur 208024 Uttar Pradesh	3748000

122	EMEQ	Suitability for salinity tolerance in french marigold through conventional and molecular approaches for landscaping	Dr.Aruna Sudagar Perumal Department of Horticulture Tamilnadu Agricultural University Coimbatore 641003Tamilnadu	2514000
123	EMEQ	Rice Mill waste water treatment and bio electricity generation in low cost microbial fuel cell employing ceramic separator	Dr.Manaswani Behera School of Infrastructure Indian Institute of Technology Bhubaneswar 751013 Odisha	2006000
124	EMEQ	Role of protein arginylation in cellular stress responses a study using heat stress and oxidative stress models in arginylation deficient cell culture system	Dr.Sougata Saha Department of Molecular Biology and Biotechnology Tezpur University Tezpur 784011 Assam	4876000
125	EMEQ	Identification of candidate genes and development of markers for molecular breeding of early flowering in chickpea ( <i>Cicer arietinum</i> L.)	Dr.Mahendar Thundi International Crops Research Institute of The Semi Arid Tropics Patancheru 502324Telangana	3494000
126	EMEQ	Indian Brown algae their nutraceutical constituent mediated attenuation of diet induced obesity role of inflammation and thermogenic pathway molecules	Dr.Baskaran V. Department of Biochemistry Central Food Technology Research Institute Mysore 570020 Karnataka	2846000
127	EMEQ	Ruthenium (II) catalysis in C-6 functionalization of indoles C-C and C-O bond formation	Dr.Sudam Ganpat Dawande Department of Chemistry Institute of Chemical Technology Mumbai 400019 Maharashtra	3902000
128	EMEQ	Identification of miRNAs associated with egg production in duck	Dr.Nagarajan M.Department of Genomic Science Central University of Kerala Kasargod 671123 Kerala	4808000
129	EMEQ	Development of a real time video de hazing system	Dr.Ravi Kumar Jatoth National Institute of Technology Warangal 506004 Telangana	3620000
130	EMEQ	Structural and functional characterization of translational rescue system by peptidyl tRNA hydrolase by forming non hydrolysable peptidyl tRNA complex to gain insights for drug development against tuberculosis	Dr.Krishna Kishore Inampudi Department of Biophysics All India Institute of Medical Sciences New Delhi 110029 Delhi	4982000

131	EMEQ	Critical evaluation of intra articular platelet rich plasma alone or combination with medical branch radiofrequency neurotomy in patients with lumbar facet joint arthropathy a prospective outcome study	Dr.Anil Kumar Paswan Banaras Hindu University Varanasi 221005 Uttar Pradesh	2277000
132	EMEQ	Development of enhanced hydrophobic tube bundle with low pressure drop for two phase shell and tube heat exchanger	Dr.Mihir Kumar Das School of Mechanical Sciences Indian Institute of Technology Bhubaneswar 751013 Odisha	4546000
133	EMEQ	Secure and efficient communications inside partitioned social overlay networks	Dr.Bettahally Nanjaiah Keshavamurthy Department of Computer Science Engineering National Institute of Technology Goa 403401 Goa	1964000
134	EMEQ	Biofortification of essential metal nutrients (Fe, Zn in oryza sativa L. through microbes	Dr.Shekhar Mallick Plant Ecology and Environmental Science National Botanical Research Institute Lucknow 226001Uttar Pradesh	3547000
135	EMEQ	Mechanism based screening of antimicrobial peptides with anticancer activity from mangrove soil actinomycetes from south canara of Karnataka	Dr.Manjula I Kalyani Department of Microbiology Mangalore University Mangalore 574199Karnataka	4671000
136	EMEQ	Hypergraphs from algebraic structures	Dr.Selvakumar Krishnan Department of Mathematics Manonmaniam Sundaranar University Tirunelveli 627012 Tamilnadu	1574000
137	EMEQ	Synthesis and extrusion of microporous and mesoporous molecular sieves in industrial important chemical synthesis	Dr.Venkatachalam K. Department of Chemistry Madras University Chennai 600005 Tamilnadu	2601000
138	EMEQ	Development Manufacturing technology of graphene based polymer composite for mechanically stable and thermally durable automotive components	Dr.Naresh Chandra Murmu Division of Surface Engineering and Tribology Central Mechanical Engineering Research Institute Durgapur 713209 West Bengal	3056000
139	EMEQ	A Long Term Solution Fuzzy logic based image acoustic classification to detect the elephant movement pattern in Hosur forest area to avoid human	Dr.Prabhu Mohandas Department of Computer Science & Engineering Adhiyamaan College of Engineering Hosur 635109Tamilnadu	3502000



140	EMEQ	Taxonomy and molecular characterization of macrofungal communities chikmagalur nad shimoga districts of western ghats, India	Prof.Maddappa Krishnappa Department of Applied Botany Kuvempu University Shimoga 577451 Karnataka	2536000
141	EMEQ	Development of polymer coated CPE sensors for automated quality monitoring of water used for drinking and agriculture	Dr.Karabi Biswas Department of Electrical Engineering Indian Institute of Technology Kharagpur 721302 West Bengal	3542000
142	EMEQ	Development functionalized properties on hollow ceramic microsphere for specific applications	Dr.Diwakar Z.Shende Department of Chemical Engineering Visvesvaraya National Institute of Technology Nagpur 440010 Maharashtra	4698000
143	EMEQ	Development of the efficient carbon nanotube based conducting polymer network anchored metal nanostructured arrays for the non enzymatic electrochemical biosensors	Dr.Rasu Ramachandran Department of Chemistry Madurai Kamaraj University Madurai 625011 Tamilnadu	2459000
144	EMEQ	Understanding the evolution of perpendicular magnetic anisotropy and domain structures in ferromagnetic multilayer thin films	Dr.Bharati Tudu Department of Physics Jadavpur University Kolkata 700032 West Bengal	5390000
145	EMEQ	Genetic diversity in earthworms and its association with their geographic distribution in state of odisha	Dr.Sudhansu Sekhar Naishank Department of Zoology Utkal University Bhuaneswar 751007 Odisha	3960000
146	EMEQ	Exploration of plant rhizobacterial interaction for enhanced Cr phytoremediation and delineration of their molecular mechanism	Dr.Indra Arulselvi Padikasan Department of Biotechnology Periyar University Salem 636011 Tamilnadu	3283000
147	EMEQ	Studies on Epigenome wide alterations in alveolar macrophages during mycobacterium tuberculosis infections in guinea pig pulmonary tuberculosis model	Dr.Kannan Palaniyandi Department of Immunology National Institute for Reseach Tuberculosis Chennai 600100 Tamilnadu	3732000

148	EMEQ	Molecular Singnaling mechanism in oral cancer effect of lupeol in oral squamous cell carcinoma at Transcription and post Transcription level	Dr.Nabendu Murmu Singh Chittaranjan Natioanl Cancer Institute Kolkata 700026 West Bengal	5202000
149	EMEQ	Study on the effect of long term excessive Zn supplementation on gene expression of antioxidant enzymes in wistar rats and their F1-generation rats	Dr.Kshetrimayum Birla Singh Department of Zoology Pachhunga University College Aizawl 796001 Mizoram	4216000
150	EMEQ	Detecting defective DNA motifs to find genetic disease sequence in a humanDNA using SOM	Dr.Tamilpavai G. Department of Computer Science & Engineering Government College of Engineering Tirunelveli 627007 Tamilnadu	1478000
151	EMEQ	Probiotic based broad spetrum anti fungal technology for the total control of mycotoxigenic species to increase the safety and shelf life of cereal based foods	Dr.Marikunte Yanjarappa Sreenivasa Department of Studies in Microbiology Mysore University Mysore 570005 Karnataka	3001000
152	EMEQ	Design optimization and performance improvement of large antenna arrays	Dr.Kethavathu Srinivasa Naik Department of Electronics And Communication Engineering Vignan's Institute of Information Technology Visakhapatnam 530049 Andhra Pradesh	4061000
153	EMEQ	Conitive processes and psychological resilience	Prof.AnnalakshmiNarayanan Department of Psychology Bharathiar University Coimbatore 641046 Tamilnadu	2953000
154	EMEQ	Influence of particulate matter oxidative potential on respiratory health	Dr.Venkataramana Venkatreddy Gudasahalli Department of Studies in Environmental Science Mysore University Mysore 570005Karnataka	4699000
155	EMEQ	Analysis and correlation of roughness tempreatures and tool wear using cutting force and vision based surface textures in turn milling operations of hard to machine in dry and minimum quantity lubrication environments	Dr.Arun Kothapalli Department of Industry Engineering GITAM University Vishakhapattanam 530045 Andhra Pradesh	3735000
156	EMEQ	Elusive role HDL-C in metabolic syndrome and impending CVD	Dr.Pranita Jwalant Waghmare Department of Biochemistry Mahatma Gandhi Institute of Medical Sciences Wardha 442102Maharashtra	1675000

157	EMEQ	Economic improvement of small and marginal farmers through identification of climate resilient groundnut genotypes under climate change	Dr.Kommalapati John Acharya NG Ranga Agricultural University Hyderabad 517502 Telangana	2547000
158	EMEQ	Total synthesis of amorfrutin C and its further modifications for potential mitochondrial disrupting agents	Dr.Senthilkumar Beeran Department of Organic Chemistry National Chemical Laboratory Pune 411008 Maharashtra	3576000
159	EMEQ	Synthetic studies and application of 1,2-, 1,3 and 1,4 oxazines	Dr.Tovishe Phucho Department of Chemistry Nagaland University Zunheboto 798626 Nagaland	4876000
160	EMEQ	Hydrological cycle analysis in valleys of pindari kafni glaciers, kumaun himalaya	Dr.Pankaj Chauhan Centre For Glaciology Wadia Institute of Himalayan Geology Dehradun 248001 Uttarakhand	2007000
161	EMEQ	Wlan integrated gns system for indoor navigation	Dr.K.Krishna Naik Department of Electronics Engineering Defence Institute of Advanced Technology Pune 411025 Maharashtra	2107000
162	EMEQ	Designing green self healing coatings for metal protection	Dr.Nishanth K.G. Department of Materials Science & Technology National Institute For Interdisciplinary Science and Technology Thiruvananthapuram 695019 Kerala	4786000
163	EMEQ	Monographic studies on the genus geranium with special emphasis on phytosociological and conservation status	Dr.Vijay Vishnu Wagh National Botanical Research Institute Lucknow 226001 Uttar Pradesh	1565000
164	EMEQ	Development of Basic Natural Language Processing Tools and resources for maithili	Dr.Sujan Kumar Saha Department of Computer Science And Engineering Birla Institute of Technology Ranchi 835215 Jharkhand	1798000
165	EMEQ	Complete oxidation of diesel engine exhaust and volatile organic compounds by using non noble metal catalyst	Dr.Pavan Manohar More Department of Chemistry Institute of Chemical Technology Mumbai 400019 Maharashtra	5098000
166	EMEQ	To investigate the aerosol distributions and ozone depletion using the TPM over atigre village at Kolhapur region	Dr.Dada Pandurang Nade Department of Basic Science And Humanities Sanjay Godawat Group of Institution Faculty of Engineering Kolhapur 416118 Maharashtra	2100000
167	EMEQ	Effect of withania somnifera phytoconstituents on miRNA expression profile in breast cells therapeutic and cytoprotective role	Dr.Shashank Kumar Centre For Biochemistry and Microbial Sciences Central University of Punjab Bathinda 151001Punjab	5242000

168	EMEQ	Seed Quality enhancement using botanicals in pulses vis a vis analyzing biochemical and molecular changes associated with IT	Mrs.Kumari Rajani Bihar Agricultural University Bhagalpur 813210 Bihar	3812000
169	EMEQ	Risk reduction of myocardial infarction and stroke through life style modification	Dr.Hari Shankar Department of Community Medicine Banaras Hindu University Varanasi 221005 Uttar Pradesh	3716000
170	EMEQ	A high resolution multi proxy record of neogene and paleoceanographic evolution of sothern ocean link to global climate change	Dr.Mohan Kuppusamy Division of Geology and Geotechnical Engineering VIT University Chennai 600127 Tamilnadu	3226000
171	EMEQ	Reduction of torque ripple in direct torque controlled three phase permanent magnet synchronous motor drive for a hybrid electric vehicle	Dr.Vinay Kumar Department of Electrical Engineering National Institute of Technology Warangal 506004 Telangana	3326000
172	EMEQ	Magnetolectric multiferroic nanostructures for non volatile memory device applications	Dr.Satyendra Singh Jawaharlal Nehru University New Delhi 110067 Delhi	4510000
173	EMEQ	Development of diversified value added products from wild edible fruits of sikkim himalayas	Dr.Karma Diki Bhutia Department of Horticulture Sikkim University Gangtok 737102 Sikkim	2446000
174	EMEQ	Snake venom induced NETosis characterization of toxin/s responsible and mechanism of action	Prof.Kemparaju Kempaiah Department of Studies in Biochemistry Mysore University Mysore 570005 Karnataka	5076000
175	EMEQ	Understanding the mechanism of protein kinase C mediated functional of protein arginine methyltransferase 5	Dr.Santosh Kanade Department of Biochemistry and Molecular Central University of Kerala Kasargod 671123 Kerala	5207000
176	EMEQ	Asymmetric synthesis of potent antimetabolic/Anticancer natural product disorazole A1 and its Analogs	Dr.M.Shiva Prasad Department of Chemistry Central University of Tamilnadu Thiruvavur 610001Tamilnadu	5192000
177	EMEQ	A prospective study to evaluate WT1 gene expression as predictive molecular marker of disease progression in de novo cases of acute myelod leukemia	Dr.Pranay Tanwar All India Institute of Medical Sciences New Delhi 110029 Delhi	5352000

178	EMEQ	Exploring the roles of cytoskeletal protein in muscle differentiation	Dr.Mathivanan Jothi National Institute of Mental Health and Neuro Science Bangalore 560029 Karnataka	4293500
179	EMEQ	Effect of biodiesel ethanol diethy diethy ether blend on performance combustion and emissions of a CI engine underHydrogen CNG and LPG dual fuel mode	Dr.Rajeshkhar Panua Department of Mechanical Engineering National Institute of Technology Agartalla799046Tripura	5416000
180	EMEQ	Development of a novel sensing techique for organic pesticides in various media based on nanocrystal metal organic frameworks (NMOF) using parallel analysis with thermal desorption gas chromatography mass spectrometry (TD-GC-MS) Dr.	Dr.Pawan Kumar Department of Nano Sciences and Materials Central University of Jammu 180012Jammu & Kashmir	5028000
181	EMEQ	Development of a novel electrolyte free single layer solid oxide fuel cell	Dr.Ranjit Bauri Department of Metallurgical and Materials Engineering Indian Institute of Technology Chennai 600036 Tamilnadu	4366000
182	EMEQ	Development of boswellic acid analogues as anti arthritic agent through combinatorial approach	Dr.Zabeer Ahmad Indian Institute of Integrative Medicine Jammu 180001 Jammu & Kashmir	3154000
183	EMEQ	Analysis of the Early Eocene Amber From cambay and kutch basin gujarat western india palaeoecological environmental and climate significance	Dr.Hukam Singh Birbal Sahni Institute of Palaeobotany Lucknow 226007 Uttar Pradesh	3290000
184	EMEQ	Identification and functional validation of transceiptiion factor regulating genes of SalTol for salinity tolerance in rice	Dr.Ram Singh Purty Guru Gobind Singh Indraprastha University New Delhi 110078 Delhi	3556000
185	EMEQ	3D MRI brain image segmentation and visualization for therapy planning and monitoring	Prof.Jamuna Kanta Singh Department of Computer Science & Engineering Jadavpur University Kolkata 700032 West Bengal	2134000
186	EMEQ	Development of 1-g laboratory model to study the behaviour of laterally loaded single and group of piles located in sloping ground	Mr.Deendayal R. Department of Civil Engineering National Institute of Technology Tiruchirappalli 620015Tamilnadu	2815825

187	EMEQ	Molecular expression studies on Ca <sup>2+</sup> pumps/ channels in lung cancer cell and its modulation through plant natural products	Dr.Abha Meena Department of Biotechnology Central Institute of Medicinal and Aromatic Plants Lucknow 226015 Uttar Pradesh	3996000
188	EMEQ	Utilization of minor millets for ready to eat nutrition snack product by wet extrusion technology	Dr.Rama Chandra Pradhan Department of Food Process Engineering National Institute of Technology Rourkela 769008 Odisha	4596000
189	EMEQ	Physical thermal electrical and optical studies of borotellurite glasses doped with transition metal and nano rare earth ions	Prof.Sankarappa T. Department of Physics Gulbarga University Gulbarga 585106 Karnataka	4986000
190	EMEQ	Genetic diversity in geographical population of Pink bollworm Pectinophora gossypiella in india	Dr. v Chinna Babu Naik Dept. of Crop Protection Central Institute for cotton Research Nagpur 440010 Maharashtra	3100000
191	EMEQ	Salmonella Infection and Developmental defect in Caenorhabditis Elegans	Dr. VidyaDevi Negi Dept. of Life Sciences National Institute of Technology National Institute of Technology- Rourkela Rourkela 769008 Odisha	4326000
192	EMEQ	Coal Characterization and Source Rock Potential of Permian Coals of Tatapani-Ramkola Coalfield	Dr.AmiyaShankar Naik Dept. of Geology Banaras Hindu University Varanasi 221005 Uttar Pradesh	2891000
193	EMEQ	Combining proteomics and Transcriptome sequencing to identify putative RANI targets for Mealybug and their functional validation.	Dr.PraveenChandra Varma Plant Molecular Biology & Genetic Engineering Division National Botanical Research Institute Lucknow 226001 Uttar Pradesh	3572000
194	EMEQ	Peripheral IGF-1 signaling and its regulation on glucose Metabolism in different tissues as a function of gender and age.	Dr.KitlankiSuchiang D/o of Biochemistry and Molecular Biology Pondicherry University Pondicherry University, Pondicherry 605014 Puducherry	3556000
195	EMEQ	Responses of dry tropical grassland structure and function to the global climate driving factor using nitrogen deposition and warming manipulative experiment.	Dr.R. Sagar Dept. of Botany Banaras Hindu University Varanasi 221005 Uttar Pradesh	2496000

196	EMEQ	Understanding genomic factors associated with Pathogenicity and Transmission of 16 SRLL group Phytoplasmas, their taxonomy and role of insect gut microbiome in their vectoring ability.	Dr.Amit Yadav Microbial Culture Collection National Centre For Cell Science NCCS Ganeshkhind 411007 Maharashtra	2946000
197	EMEQ	Design and Development of Solar PV and Fuel Cell Energy based Nano-Grid System	Dr.Nagu Bhookya Dept. of Electrical Engineering, National Institute of Technology Warangal 506004 Telangana	4768000
198	EMEQ	Fabrication and application of polymeric Nanoshots as drug delivery agent for cancer imaging and therapy	Dr.Bhavani Prasadnaik NenavathuIndira Gandhi Delhi Technical University For Women Inter State bus terminal New Delhi 110006New Delhi	2566000
199	EMEQ	Study the effect of ionic liquids on the activity of Antimicrobial peptide:Applection of IIs-AMPs non-covalent conjugates	Dr.Rajan Patel Jamia Millia Islamia Jamia Nagar Delhi 110025 Delhi	2676000
200	EMEQ	Drought mapping using geostatistical modeling approach	Dr.Kamal Kumar Department of Civil Engineering PEC University of Technology Chandigarh 160012 Chandigarh	1510000
201	EMEQ	Enhanced production and comparative evaluation of antioxidative compounds induced by elicitors in the micropropagated culture of Aerva javanica and Aerva lanata	Dr.Kamalanathan Desingu Department of Biotechnology KS Rangasamy College of Arts and Science Tiruchengode 637215 Tamilnadu	2066000
202	EMEQ	Nanosized gold supported on metal oxides as potential catalysis for partial oxidation of methane	Dr.N.R.Sasirekha University of Madras Chennai 600005 Tamilnadu	5012000
203	EMEQ	Integration of septic tank and microbial fuel cell a novel hybrid system for sustainable treatment of domestic wastewater	Dr.Arvind Kumar Mungray Department of Chemical Engineering Sardar Vallabhbhai National Institute of Technology Surat 395007 Gujarat	3118000
204	EMEQ	N4 Macrocyclic metal complex SAM layers as stable electrocatalysts and sensors	Dr.K.S. Lokesh Department of Chemistry Vijayangara Sri Krishnadevaraya University Bellary 583105 Karnataka	1980000

205	EMEQ	Impact of climate change on mosquito abundance in coastal brackish water of alappuzha district Kerala	Dr. Balasubramanian Rathinam National Institute of Virology Pune 411001 Maharashtra	2676000
206	EMEQ	Scientific Validation of Antimalarial leads from native Indian Seaweed	Prof. Ravikumar Sundaram School of Marine Sciences Alagappa University Karaikudi 630003 Tamilnadu	2897000
207	EMEQ	Gemini Virus Diseases of Vegetables whitefly biotypes and virus strains in western India	Dr. Chandrashekar K. Department of Entomology Indian Agricultural Research Institute Pune 411005 Maharashtra	2522000
208	EMEQ	Development of an efficient framework for optimal allocation of energy sources in a restructured distribution systems including D-Facts and PMU's	Dr. Injeti Satish Kumar Department of Electrical and Electronics Engineering GMR Institute of Technology Srikakulam 532127 Andhra Pradesh	1686000
209	EMEQ	Synthesis of redox active molecular tagged graphene flakes for the fabrication of electrochemical sensors	Dr. Kannaiyan Pandian Department of Inorganic And Physical Chemistry Madras University Chennai 600005 Tamilnadu	2442000
210	EMEQ	Synthetic studies on organo encapsulated nanoparticles for fabrication of C-N, C-O, C-S Bonds leading to five and six membered rings an experimental and computational approach	Dr. Rishan Lang Nongkhaw Department of Chemistry North Eastern Hill University Shillong 793022 Meghalaya	2851000
211	EMEQ	Two Dimensional structures for supercapacitors	Dr. Francis Awungash Chipem Department of Chemistry Manipur University Imphal 795003 Manipur	3487000
212	EMEQ	Sedimentological and geochemical studies of barali groups of rocks in Champhai district of Mizoram, India	Dr. Jimmy Lalnunmawia Department of Geology Mizoram University Aizawl 796009 Mizoram	5062000
213	EMEQ	Study on Role of N-acetylglucosamine (GlcNAc) in Microbial signaling during bacterial vaginosis	Dr. Dhananjay Soren Dept. of Zoology Ravenshaw University College Square Cuttack 753003 Odisha	4622000
214	EMEQ	Genetic enhancement of rust resistant in wheat through MAS and imperata cylindrica mediated doubled haploidy approach	Dr. Madhu Patial Indian Agricultural Research Institute Shimla 171004 Himachal Pradesh	3654000



215	EMEQ	Nature inspired chemical entities for healthcare applications (Nice-health)	Dr.Sadidhara B.S. Department of Chemistry National Institute For Interdisciplinary Science and Technology Thiruvananthapuram 695019 Kerala	4796000
216	EMEQ	Pharmacological exploration of azadireachta of azadirachta indica in the expermental model of bronchial asthma	Dr.Mrinalini Kumari Department of Zoology Bihar Agricultural University Bhagalpur 813210 Bihar	3666000
217	EMEQ	Molecular Systematics Of The Genus Betula L. (Betulaceae) In India	Dr.Tikam Singh Rana National Botanical Research Institute Lucknow 226001Uttar Pradesh	4442000
218	EMEQ	Formulation Optimization Of Self-Emulsifying Preparations Of Botanicals	Dr.Senthil M.Kuppusamy Tamilnadu Agricultural University Coimbatore 641003 Tamilnadu	2826000
219	EMEQ	Gene Organization, Mechanism Of Action And Food Application Of Novel RNA Biosynthesis Inhibiting Peptide Antibiotics Of Probiotic Bacteria	Dr.Prakash M.Halami Central Food Technological Research Institute Mysore 570020 Karnataka	3422000
220	EMEQ	Development of nanostructured multilayered solar absorber coatings by electrochemical deposition	Dr.V.Thangarajanna University Chennai 600025 Tamilnadu	1100000
221	EMEQ	Development of ROS sensitive Turn On Fluorescent probes for targeted delivery of anti-cancer compounds	Dr.Krishna P.Bhabhak Indian Institute of Technology Guwahati 781039 Assam	5304000