

Science & Engineering Research Board

CRG Projects Sanctioned in the Year 2018-19

S. No.	Discipline	Sub Area	Title	PI Details	Total Cost
1	Chemical Sciences	Inorganic and Physical Chemistry	Photothermal Properties of Anisotropic Metal Nanostructures	Dr. Sujit Kumar Ghosh, Assam University, Silchar, Assam, 788011	2562560
2	Chemical Sciences	Inorganic and Physical Chemistry	Highly Selective Ring-Opening Polymerization of Cyclic Esters Catalyzed By Alkali Metal Complexes Leading To Biodegradable Polymer	Dr. Tarun Kanti Panda, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	6508480
3	Chemical Sciences	Inorganic and Physical Chemistry	Synthesis, Characterization And Catalytic Applications of Organic-Inorganic Hybrid 3d-4f Heterometallic Polyoxotungstates	Dr. Firasat Hussain, University of Delhi, Delhi, Delhi, 110007	3520000
4	Chemical Sciences	Inorganic and Physical Chemistry	Integrated Gravity Flow Water Filtration System To Purify Hazardous Species By Using Adsorptive And Photo Catalytic Route	Dr. Raj Kishore Patel, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	3658600
5	Chemical Sciences	Inorganic and Physical Chemistry	Novel Electrode Materials For Reversible Alkali-Ion (Li ⁺ /Na ⁺) Capacitors And Pseudocapacitors	Dr. Preetam Singh, Indian Institute of Technology (Bhu), Varanasi, Uttar Pradesh, 221005	3665245
6	Chemical Sciences	Inorganic and Physical Chemistry	Monte Carlo Simulations For Dynamic Instability of Microtubules And Its Experimental Validation	Dr. Sudha Venkatachalam, S R M University Kattankulathur, Tamil Nadu, 603203	6071375
7	Chemical Sciences	Inorganic and Physical Chemistry	Design And Synthesis of Hierarchically Porous Carbon-Metal Oxide-Conducting Polymer Composites For Electrochemical Supercapacitors	Dr. Debajyoti Mahanta, Gauhati University, Guwahati, Assam, 781014	3795000
8	Chemical Sciences	Inorganic and Physical Chemistry	New Multipolar Chromophores And Their Applications	Dr. S Easwaramoorthi, Central Leather Research Institute, Chennai, Tamil Nadu, 600020	4014145

9	Chemical Sciences	Inorganic and Physical Chemistry	Computational Designing of Stimuli Responsive Complexes Based On Carbon Nanostructures	Dr. C N Ramachandran, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4234910
10	Chemical Sciences	Inorganic and Physical Chemistry	Elucidation Of Active Site Dynamics, Function And Receptor Binding of Insulin At The Single Molecular Level	Dr. Pratik Sen, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	5170000
11	Chemical Sciences	Inorganic and Physical Chemistry	Theoretical Investigation On Conformationally Resolved 3D-Structures of Large Biomolecules By Quantum Anharmonic Vibrational Spectroscopy	Dr. Tapta Kanchan Roy, Central University of Jammu, Jammu, Jammu And Kashmir, 180012	5511000
12	Chemical Sciences	Inorganic and Physical Chemistry	Near-Infrared Emitting Graphene Quantum Dots In Bio-Imaging And Theranostics	Dr. Monalisa Mukherjee, Amity University Noida, Noida, Uttar Pradesh, 201303	4495480
13	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Highly Sensitive Colorimetric And Fluorescent Moisture Sensors, Based On Small Molecules, Chemically Modified Paper And Electrospun Nanofibrous Materials	Dr. Amilan Jose Devadoss, National Institute of Technology Kurukshetra, Kurukshetra, Haryana, 136119	3108605
14	Chemical Sciences	Inorganic and Physical Chemistry	Metal-Organic Frameworks And CPs Of Organic Polymers: Exploration Of Gas Sorption, Energy Storage, Photopolymerization And Other Structure Relevant Functional Properties	Dr. Kumar Biradha, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1980000
15	Chemical Sciences	Inorganic and Physical Chemistry	Carbon-Carbon Cross Coupling Reaction Through Reductive Elimination With Iron-Catalyst; Spin State Influences, Electronic Structural And Mechanistic Studies Through DFT	Dr. Dhurairajan Senthilnathan, PRIST University, Thanjavur, Tamil Nadu, 613403	3009600
16	Chemical Sciences	Inorganic and Physical Chemistry	Tailoring The Catalytic Properties of Atom-Precise Metal Nanoclusters	Dr. Sukhendu Mandal, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala, 695016	8689650

17	Chemical Sciences	Inorganic and Physical Chemistry	To Examine The Folding And Unfolding of Riboswitch With The Binding Of Ligands By The Aptamer Domain For The Discovery Of Antibacterial Drug Candidates: In Silico And Experimental Studies	Dr. Bishwajit Ganguly, Central Salt & Marine Chemicals Research Institute, Bhavnagar, Gujarat, 364002	3106900
18	Chemical Sciences	Inorganic and Physical Chemistry	High Energy Density Lithium-Sulphur Rechargeable Batteries Based On Garnet Structured Electrolytes	Dr. Murugan Ramaswamy, Pondicherry University, Puducherry, Puducherry, 605014	4260520
19	Chemical Sciences	Inorganic and Physical Chemistry	Metal Complexes of Amide-Based Ligands For Efficient Synthesis Of Degradable Benign Polymers And Sensing Applications	Dr. Goutam Kumar Patra, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, 495009	2828298
20	Chemical Sciences	Inorganic and Physical Chemistry	Efficient Design of Multi-Component Systems: Eutectics, Cocrystals And Solid Solutions Via Better Insights Into Their Microstructures.	Dr. Tayur Narasingarao Gururao, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	7866915
21	Chemical Sciences	Inorganic and Physical Chemistry	Investigation of Novel Solid State Electrochemiluminescence Platforms For Point-of-Care Application	Dr. Shanmugam Senthilkumar, Central Electro Chemical Research Institute, Karaikudi, Tamil Nadu, 630006	2279750
22	Chemical Sciences	Inorganic and Physical Chemistry	DMRG Studies of Intermolecular Electronic Processes In Conjugated Systems	Dr. S Ramasesha, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	6949755
23	Chemical Sciences	Inorganic and Physical Chemistry	Multi-Compartmental Coordination Cages	Dr. Dillip Kumar Chand, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3339600
24	Chemical Sciences	Inorganic and Physical Chemistry	Comparative Reactivity of Nitric Oxide And Thiolates With Dinuclear Transition Metal Complexes	Dr. Amit Majumdar, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	3462345
25	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Mesoporous G-C ₃ N ₄ For High Performance Supercapacitor Applications	Dr. Devaraj S, Sastra University, Thanjavur, Tamil Nadu, 613401	1689600

26	Chemical Sciences	Inorganic and Physical Chemistry	Organic-Inorganic Hybrids For Photochromic, Photocatalytic And Antioxidant Applications	Dr. Pradeep C Parameswaran, Indian Institute of Technology Mandi, Mandi, Himachal Pradesh, 175005	3944600
27	Chemical Sciences	Inorganic and Physical Chemistry	Contracted And Expanded Porphyrin Analogues With Polycyclic Aromatic Units: Syntheses And Applications	Dr. A Srinivasan, National Institute of Science Education and Research Bhubaneswar, Bhubaneswar, Orissa, 751005	4997696
28	Chemical Sciences	Inorganic and Physical Chemistry	Physicochemical Performance Evolution By Tuning The Growth Variables Of Holey Graphene Nanoribbon Carbon Soot Derived Aerogel Based Asymmetric Supercapacitor	Dr. Raj Kishore Sharma, University of Delhi, Delhi, Delhi, 110007	3087744
29	Chemical Sciences	Inorganic and Physical Chemistry	Interface Modification of Lithium Garnets For All-Solid-State Lithium Batteries	Dr. K Ramesha, Central Electro Chemical Research Institute, Karaikudi, Tamil Nadu, 630006	1618893
30	Chemical Sciences	Inorganic and Physical Chemistry	Thermally Labile Metal Monoalkylphosphates: Precursors For Ceramic Materials And Energy Applications	Dr. R Murugavel, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5727745
31	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Lanthanide Based Multifunctional Nanoparticles For Photo-Catalytic Water Splitting Applications	Dr. Tokeer Ahmad, Jamia Millia Islamia, New Delhi, Delhi, 110025	4686704
32	Chemical Sciences	Inorganic and Physical Chemistry	Microscopic Investigation Of The Stability Of Proteins In Amino Acid Solutions	Dr. Madhurima Jana, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	4109600
33	Chemical Sciences	Inorganic and Physical Chemistry	Towards Understanding The Synergy In New Nanocomposites Based On Peroxides / Conducting Polymers As (Photo) Catalysts For Dye Degradation In Dark And Light	Dr. Rajagopalan Vijayaraghavan, Vellore Institute of Technology, Vellore, Tamil Nadu, 632014	3889600
34	Chemical Sciences	Inorganic and Physical Chemistry	Metal Organic Functionalised 2D MoS ₂ , WS ₂ Based Electronic Nose Towards Selective Detection Of Disease Related Volatile Organic Compounds	Dr. Rajendrakumar Rt, Bharathiar University, Coimbatore, Tamil Nadu, 641046	3985437

35	Chemical Sciences	Inorganic and Physical Chemistry	Exploration Of Cis-Bimetallic Complexes In Porphycene And Its Isomeric Analogues Corrphycene And Porphyrin	Dr. Pradeepta Panda, University of Hyderabad, Hyderabad, Telangana, 500046	5523408
36	Chemical Sciences	Inorganic and Physical Chemistry	Germanium, Fluorine and Boron Doped Carbon for Energy Storage And Electrocatalysis	Dr. K Krishnamoorthy, National Chemical Laboratory, Pune, Maharashtra, 411008	4130350
37	Chemical Sciences	Inorganic and Physical Chemistry	Activation Of Molecular Hydrogen And Its Catalytic Transfer Using Main Group Based Compounds	Dr. Swadhin K Mandal, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4290000
38	Chemical Sciences	Inorganic and Physical Chemistry	Pb-Free Metal Halide Perovskite Nanocrystals For Optoelectronic Applications	Dr. Angshuman Nag, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	3946085
39	Chemical Sciences	Inorganic and Physical Chemistry	Understanding The Inhibiting Actions Of Different Inhibitors On The Aggregation Of Human Amylin Peptide	Dr. Sandip Paul, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	4521835
40	Chemical Sciences	Inorganic and Physical Chemistry	Exploring The Applications Of Chemical Space Networks In Molecular Library Design And Drug Design	Dr. Sukumar Nagamani, Shiv Nadar University, Gautambudh Nagar, Uttar Pradesh, 203207	4516490
41	Chemical Sciences	Inorganic and Physical Chemistry	Synthesis, Experimental And Theoretical Investigations Of Carbon Coated Silicon Nano-Structures As High Energy Density Anode For Li-Ion Batteries	Dr. Manjusha V Shelke, National Chemical Laboratory, Pune, Maharashtra, 411008	3867090
42	Chemical Sciences	Inorganic and Physical Chemistry	Synthesis, Characterization And Application Of NSi(II)N-Based Pincer Ligands	Dr. Shabana Khan, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	3649625
43	Chemical Sciences	Inorganic and Physical Chemistry	Chemistry Under Strong Coupling (STRONGchem)	Dr. Jino George, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	5830000
44	Chemical Sciences	Inorganic and Physical Chemistry	Interrogating Membrane Organization And Dynamics Of Mycobacterial Lipids: A High-Pressure Biophysical Approach	Dr. Shobhna Kapoor, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5720000

45	Chemical Sciences	Inorganic and Physical Chemistry	Computational Studies On The Mechanisms And Dynamics Of Substitution Reactions	Dr. Upakarasamy Lourderaj, National Institute of Science Education and Research Bhubaneswar, Bhubaneshwar, Orissa, 751005	2109628
46	Chemical Sciences	Inorganic and Physical Chemistry	Energy Efficient Electro And Photoelectrochemical Hydrogen Generation By Water Splitting Deploying Photo-Synthesized Non-Precious Transition Metal Catalysts	Dr. Subrata Kundu, Central Electro Chemical Research Institute, Karaikudi, Tamil Nadu, 630006	2052000
47	Chemical Sciences	Inorganic and Physical Chemistry	Application And Development Of Gradient Gravitational Search Algorithm Towards Conformational Analysis And Protein Modeling	Dr. Prabhat K Sahu, Sambalpur University, Burla, Orissa, 768019	3339600
48	Chemical Sciences	Inorganic and Physical Chemistry	Mesoionic Carbene Analogues Of Late Transition Metal Thione And Seleone Derivatives For C-C, C-N And C-S Bond Formation Reactions	Dr. G Prabusankar, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	2301849
49	Chemical Sciences	Inorganic and Physical Chemistry	Ultracold Chemistry Of Molecular Ions	Dr. Subhas Ghosal, Birla Institute of Technology And Science Pilani-Hyderabad, Hyderabad, Telangana, 500078	2400959
50	Chemical Sciences	Inorganic and Physical Chemistry	Functional Inorganic Materials Based On Polyoxometalates, Coordination Polymers And Metal Coordinated G-C ₃ N ₄	Dr. Samar K Das, University of Hyderabad, Hyderabad, Telangana, 500046	3806704
51	Chemical Sciences	Inorganic and Physical Chemistry	Therapeutic Evaluation Of Organometallic Compounds As Potent Antibacterial Agents	Dr. Jitendra Kumar Bera, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	440000
52	Chemical Sciences	Inorganic and Physical Chemistry	Therapeutic Evaluation Of Organometallic Compounds As Potent Antibacterial Agents	Dr. Sidharth Chopra, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2808000
53	Chemical Sciences	Inorganic and Physical Chemistry	Electronic Spectroscopy, Reactive Dynamics And Control Of Chemical Dynamics On Coupled Potential Energy Surfaces	Dr. Susanta Mahapatra, University of Hyderabad, Hyderabad, Telangana, 500046	4796704

54	Chemical Sciences	Inorganic and Physical Chemistry	Metal Complexes Of Ligands Designed To Act As Antiangiogenic And Antimetastatic Agents Against Cancer: Synthesis, Characterization, Stability And Cytotoxicity Studies	Dr. Arindam Mukherjee, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4180000
55	Chemical Sciences	Inorganic and Physical Chemistry	Design Of Entangled Dynamic Metal Organic Frameworks For Hydrogen Storage Property	Dr. Debajyoti Ghoshal, Jadavpur University, Kolkata, West Bengal, 700032	4479200
56	Chemical Sciences	Inorganic and Physical Chemistry	Study Of I-III-VI ₂ Quantum Dots For Light Harvesting And Emission Applications	Dr. Anshu Pandey, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4488000
57	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Novel, Cost-Effective, And High-Performance Polymer Membrane Electrolytes Comprising Of Redox Mediator-Incorporated Cross-Linked Polymer Hydrogels For Solid-State Supercapacitors	Dr. Nurul Alam Choudhury, Nagaland University, Zunheboto, Nagaland, 798627	3683885
58	Chemical Sciences	Inorganic and Physical Chemistry	Three Coordinated Al-N Compounds: Bonded, Yet Frustrated: Their Applications In Activation Of Small Molecules And Polymerization	Dr. Dastagiri Reddy N, Pondicherry University, Puducherry, Puducherry, 605014	2538800
59	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Fe-Complex For Catalytic C-H Bond Hydroxylation In Natural Products Using Only O ₂ As The Oxidant	Dr. Sayam Sen Gupta, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4070000
60	Chemical Sciences	Inorganic and Physical Chemistry	Computational Study Of The Early Stages In The Palladium Catalyzed Coupling Reactions	Dr. Anoop Ayappan, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1359600
61	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Graphene & MoS ₂ Based Van Der Waals Solids For Smart Sensors	Dr. Narayanan T N, Tata Institute of Fundamental Research Centre for Interdisciplinary Sciences, Hyderabad, Telangana, 500075	3964163

62	Chemical Sciences	Inorganic and Physical Chemistry	Sol-Gel Based Thin Film Depositions Of Lead Free Relaxor Ferroelectrics, $\text{Ba}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ [$x=0.1 - 0.27$] And Studies On Their Electrocaloric Effects For Solid State Refrigeration	Dr. Jayanta Parui, Vit University, Vellore, Tamil Nadu, 632014	2983816
63	Chemical Sciences	Inorganic and Physical Chemistry	Spectroscopic Characterization Of Curcumin-Polymer Nano-Complexes.	Dr. Subho Mozumdar, University of Delhi, Delhi, Delhi, 110007	4219600
64	Chemical Sciences	Inorganic and Physical Chemistry	Naphthoquinone Metal Complexes As Topoisomerase Inhibitors	Dr. Sunita Arun Salunke, Savitribai Phule Pune University, Pune, Maharashtra, 411007	3701874
65	Chemical Sciences	Inorganic and Physical Chemistry	Understanding The Effect Of Macromolecular Crowding On The Energy Landscape Of The Multidomain Protein Adenylate Kinase (AK3L1) From A Single Molecule Perspective: A FCS, FRET And FLIM Based Approach.	Dr. Pramit Kumar Chowdhury, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	5390000
66	Chemical Sciences	Inorganic and Physical Chemistry	Theoretical Studies Of Hydrogen Bond Fluctuations And Time Dependent Infrared And Terahertz Spectroscopy Of Aqueous Solutions Of Complex Molecular Solutes	Dr. Amalendu Chandra, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	5500000
67	Chemical Sciences	Inorganic and Physical Chemistry	Active Site Analysis of Aminoacyl Trna Synthetase: Computational Study of Interactions With Cognate And Antibacterial Substrates	Dr. Nilashis Nandi, University of Kalyani, Kalyani, West Bengal, 741235	5242600
68	Chemical Sciences	Inorganic and Physical Chemistry	Mechanism Of Photoprotection And Photodamage In Melanin And The Role Of Heterogeneity : An Excited State Hybrid QM/MM Study	Dr. Debashree Ghosh, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	4644000
69	Chemical Sciences	Inorganic and Physical Chemistry	Laser-Induced Chemistry Involving H-Atom Transfers In Small Clusters Of Environmental And Biologically Significant Phenols: Resonant Photo-Ionization Mass Spectrometry Study	Dr. Tapas Chakraborty, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	8539605
70	Chemical Sciences	Inorganic and Physical Chemistry	Laser-Induced Chemistry Involving H-Atom Transfers In Small Clusters Of Environmental And Biologically Significant Phenols: Resonant Photo-Ionization Mass Spectrometry Study	Dr. Selvarajan Nagendran, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	6252939

71	Chemical Sciences	Inorganic and Physical Chemistry	Synthesis Of Large Area 2D Vertical Heterostructures Of Graphene-Metal/Metal Oxide And Study Their Electrochemical And Catalytic Properties	Dr. Manav Saxena, Jain University, Ramanagara, Karnataka, 562112	5979600
72	Chemical Sciences	Inorganic and Physical Chemistry	Designing Of Hybrid Carbon Network For Clean Energy	Dr. Utpal Sarkar, Assam University, Silchar, Assam,	3332560
73	Chemical Sciences	Inorganic and Physical Chemistry	Development of Novel And Multifunctional Duplex Coatings On Titanium Alloy For Orthopedic Implant Applications	Dr. D Gopi, Periyar Univeristy, Salem, Tamil Nadu,	2888160
74	Chemical Sciences	Inorganic and Physical Chemistry	Multiple Bonds Between Transition Metals And Boron: Syntheses And Reactions Of The Boryldyne Complexes	Dr. Shubhankar Kumar Bose, Jain University, Ramanagara, Karnataka, 562112	5484335
75	Chemical Sciences	Inorganic and Physical Chemistry	Investigating Photoinduced Blinking Dynamics And Spectral Diffusion In Single Semiconductor Quantum-Dots And Perovskite Nanocrystals	Dr. Arindam Chowdhury, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	8690000
76	Chemical Sciences	Inorganic and Physical Chemistry	Hexabenzocoronene As A Versatile Template For Integrating Panchromatic Photosensitizer-Cheap Metal Catalyst To A Single Platform: A Novel Class Of Cost-Effective Catalysts For Efficient Photo-Driven Water Oxidation	Dr. Raghu Chitta, National Institute of Technology Warangal, Warangal, Telangana,	4403905
77	Chemical Sciences	Inorganic and Physical Chemistry	Design And Synthesis Of Novel Porous Nanomaterials For Chemical Fixation Of CO ₂	Dr. Asim Bhaumik, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	2225530
78	Chemical Sciences	Inorganic and Physical Chemistry	Silylenes As Small Molecule Activators, Synthons For Multiply Bound Silicon Compounds And Single-Site Catalyst For Metal Free Transformations	Dr. Sakya Singha Sen, National Chemical Laboratory, Pune, Maharashtra, 411008	4666680
79	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Continuum Based Solvation Models For Excited State Coupled Cluster Methods	Dr. Achintya Kumar Dutta, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4838020

80	Chemical Sciences	Inorganic and Physical Chemistry	Designing PEPPSI-Type Palladium N-Heterocyclic Carbene Complexes And Their Immobilization Onto Support For Multifunctional Catalysis	Dr. Pankaj Das, Dibrugarh University, Dibrugarh, Assam, 786004	3766400
81	Chemical Sciences	Inorganic and Physical Chemistry	Investigation On The Reduction Of Polysulfide Shuttling Effect Using Electrospun Polymer Composite Membrane Separators For High-Performance Li-S Batteries	Dr. Ramakrishnan Kalaiselvan, Bharathiar University, Coimbatore, Tamil Nadu, 641046	3742090
82	Chemical Sciences	Inorganic and Physical Chemistry	Exploring Ferroelectricity In Single-Component Organic Molecular Crystals: Cases Of Imidazoles	Dr. Parthapratim Munshi, Shiv Nadar University, Gautambudh Nagar, Uttar Pradesh,	3325520
83	Chemical Sciences	Inorganic and Physical Chemistry	D-4f Heterometallic Three Dimensional Edifices For Designing Versatile Functional Devices And Materials	Dr. Nagarajaprakash Ramamurthy, Lovely Professional University, Jalandhar, Punjab,	3500110
84	Chemical Sciences	Inorganic and Physical Chemistry	Green Electrode Materials: Renewable Natural Products Derivatized High Performance Organic Electrode Material For Energy Storage	Dr. Harish M N K, Acharya Institute of Technology, Bangalore, Karnataka,	2293000
85	Chemical Sciences	Inorganic and Physical Chemistry	Beyond The 'Gold-Standard' Of Quantum Chemistry: Coupled Cluster Approach From Molecules To Condensed Phase	Dr. Rahul Maitra, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4920520
86	Chemical Sciences	Inorganic and Physical Chemistry	Effect Of Amyloid Beta Peptide On Intracellular Copper Metabolism: Implications To Inflammation And Neuro-Degeneration.	Dr. Prasad Padmakar Kulkarni, Agharkar Research Institute, Pune, Maharashtra, 411004	3630808
87	Chemical Sciences	Inorganic and Physical Chemistry	Greenhouse Gas To Fuel: Development Of Powerful Catalytic Systems Based On Pincer-Metal Catalysts Heterogenized On Solid Supports For The Conversion Of Carbon Dioxide To Methanol	Dr. Akshai Kumar A S, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	3875696
88	Chemical Sciences	Inorganic and Physical Chemistry	Identification Of Electroactive Materials For High Energy And High Power Rechargeable Aluminum-Ion Battery	Dr. Shyamal Kumar Das, Tezpur University, Tezpur, Assam, 784028	3282400

89	Chemical Sciences	Inorganic and Physical Chemistry	Sustainable Synthesis Of Value-Added Chemicals Utilizing Methanol As A C1 Building Block	Dr. Sabuj Kumar Kundu, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	4426400
90	Chemical Sciences	Inorganic and Physical Chemistry	Design And Understand Of The Nanomaterial Based Light Harvesting Systems	Dr. Amitava Patra, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	3596400
91	Chemical Sciences	Inorganic and Physical Chemistry	Vanadium Complexes Of Higher Nuclearity, Their Characterization, Reactivity And Catalytic Activities	Dr. Mannar Ram Maurya, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	1980000
92	Chemical Sciences	Inorganic and Physical Chemistry	Metal-Coordinated Ligand Radicals. Molecular And Electronic Structure, And Reactivity	Dr. Rabindra Nath Mukherjee, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	1991000
93	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Pincer And Porphyrin Complexes For Remote C-H Functionalization Of Heterocycles; Insights Into The Mechanism	Dr. Debabrata Maiti, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5621000
94	Chemical Sciences	Inorganic and Physical Chemistry	Electronic And Vibrational Spectroscopic Investigations Of Thioamides As Potential Surrogates Of Amides In Peptides	Dr. Himansu Sekhar Biswal, National Institute of Science Education and Research Bhubaneswar, Bhubaneswar, Orissa, 751005	5322140
95	Chemical Sciences	Inorganic and Physical Chemistry	Synthesis Of Low Molecular Weight Gelators For The Synthesis Of Metal-Organic Gels And Immobilized Complexes And Studies Of Their Dye Adsorption And Catalytic Properties	Dr. Manish Bhattacharjee, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	3062400
96	Chemical Sciences	Inorganic and Physical Chemistry	A Molecular Approach To Magnetic Switches: Optimizing Bi-Stability In Framework Structures, Metal Grids And Radicals	Dr. Sanjit Konar, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	4638480

97	Chemical Sciences	Inorganic and Physical Chemistry	Role Of Locally Favoured Structure In Glass Forming Ability And Slow Dynamics In Binary Mixtures	Dr. Sarka Maitra Bhattacharya, National Chemical Laboratory, Pune, Maharashtra, 411008	4031856
98	Chemical Sciences	Inorganic and Physical Chemistry	Experimental And Computational Investigations On The Photo-Oxidation Of Selective Esters And Fluorinated Ethers Initiate By OH Radicals And Cl Atoms And Their Impact On The Earth's Atmosphere	Dr. Rajakumar Balla, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	5533000
99	Chemical Sciences	Inorganic and Physical Chemistry	Screening And Identification Of Natural Inhibitors For B-Secretase-1 As Potential Therapeutics Against Alzheimer's Disease	Dr. Ashutosh Mani, Motilal Nehru National Institute of Technology Allahabad, Allahabad, Uttar Pradesh, 211004	4517480
100	Chemical Sciences	Inorganic and Physical Chemistry	Rational Design Of Amphiphilic Self-Assembled Graft Copolymers As Drug Carriers: Experimental And Theoretical Approach.	Dr. Sagar Pal, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	2787400
101	Chemical Sciences	Inorganic and Physical Chemistry	Molecular Engineering Of Perylene For Energy Conversion	Dr. A S Achalkumar, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	4191000
102	Chemical Sciences	Inorganic and Physical Chemistry	Photophysical Studies On Polypyridyl Complexes: Towards The Development Of Nanoscopic Fluorescent Targets	Dr. Sivaprasad Mitra, North Eastern Hill University, Shillong, Meghalaya, 793022	4574460
103	Chemical Sciences	Inorganic and Physical Chemistry	Mixed Metal Thiolates As Single Source Precursors For The Preparation Of Nanomaterials With Novel Architectures And Their Applications	Dr. B L V Prasad, National Chemical Laboratory, Pune, Maharashtra, 411008	4939920
104	Chemical Sciences	Inorganic and Physical Chemistry	Design And Development Of High Performance Magnetostrictive Cobalt Ferrite Thin Films For Sensors And Actuators Applications	Dr. Anantharamaiah P N, M S Ramaiah University of Applied Sciences, Bangalore, Karnataka, 560058	3821400
105	Chemical Sciences	Inorganic and Physical Chemistry	Investigations Into The Mechanism Of Solvent Control Of Protein's Functions: Specific Cases Of Adenosine Kinase And Insulin Dimer	Dr. Biman Bagchi, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4503400

106	Chemical Sciences	Inorganic and Physical Chemistry	Design And Development Of NMR Methodologies And The Exploration Of Hydrogen Bonding Interactions Involving Organic Fluorine	Dr. Suryaprakash Nagarajarao, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4355560
107	Chemical Sciences	Inorganic and Physical Chemistry	Donor-Acceptor NIR Absorbing Tetracyanobutadiene And Expanded Tetracyanobutadiene Derivatives Of Ferrocenyl Functionalized BODIPYs	Dr. Rajneesh Misra, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	4851000
108	Chemical Sciences	Inorganic and Physical Chemistry	Stabilization Of Heteropolyacid Clusters To Design Heterogeneous Catalysts For Selective Oxidation Of Alcohols	Dr. Rohit Kumar Rana, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	5218700
109	Chemical Sciences	Inorganic and Physical Chemistry	Towards Novel Single Molecular Toroids Based On Lanthanide And {3d-4f} Assembly	Dr. Gopalan Rajaraman, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	6131400
110	Chemical Sciences	Inorganic and Physical Chemistry	Development Of High-Capacity Binary And Ternary Alloy Anode Materials For Sodium-Ion Batteries	Dr. Surendra Kumar Martha, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	5789695
111	Chemical Sciences	Inorganic and Physical Chemistry	A Simple And Robust Microchip To Screen Post Translational Modifications In Human Plasma	Dr. Kali Kishore Reddy Tetala, Vit University, Vellore, Tamil Nadu, 632014	2860440
112	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Porous Metal-Organic Frameworks (MOFs) For Catalytic Conversion Of Carbon Dioxide To Fine Chemicals	Dr. C M Nagaraja, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	5309830
113	Chemical Sciences	Inorganic and Physical Chemistry	Single Molecule Spectroscopic Investigations Of Luminescent Metal Nanoclusters	Dr. Saptarishi Mukherjee, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	5214120
114	Chemical Sciences	Inorganic and Physical Chemistry	Band-Width Tunable Organic And Polymer Micro-Resonators For Lasing	Dr. Rajadurai Chandrasekar, University of Hyderabad, Hyderabad, Telangana, 500046	5693270

115	Chemical Sciences	Inorganic and Physical Chemistry	Inhibition Of Enzymes By Small Molecules: Reaction Coordinates, Free Energy And Rates From Computer Simulation Studies	Dr. Srabani Taraphder, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	5502200
116	Chemical Sciences	Inorganic and Physical Chemistry	Design And Development Of Boron Peptides: Novel Proteasome Inhibitors And Selective Organelle Fluorescent Imaging Agents	Dr. P Thilagar, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4793881
117	Chemical Sciences	Inorganic and Physical Chemistry	Mechanistic Investigation Of Metallo-Porphyrin Catalyzed Amination Reaction: An Experimental And Theoretical Exploration	Dr. Ranjan Patra, Amity University Noida, Noida, Uttar Pradesh,	4808175
118	Chemical Sciences	Inorganic and Physical Chemistry	Polycationic Silicon(II) And Germanium(II) Centered Ligands For Lewis Acid Catalysis	Dr. Moumita Majumdar, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	3578695
119	Chemical Sciences	Inorganic and Physical Chemistry	Computer Simulations On Structure And Molecular Transport In Ionic Liquid Doped Polymer Electrolyte Membranes For High Temperature Fuel Cell Technologies	Dr. Arun Venkatnathan, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	5938330
120	Chemical Sciences	Inorganic and Physical Chemistry	Magnetic Circular Dichroism Studies Of Transition Metal Doped Inorganic Perovskite Halides.	Dr. Ranjani Viswanatha, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Karnataka, 560064	5889630
121	Chemical Sciences	Inorganic and Physical Chemistry	Design And Development Of CsAX ₃ (A=Pb/Sn; X=Cl, Br, I) Perovskite Nanocrystals As The Emerging Class Of Materials For Multiplex Biosensing	Dr. R Geetha Balakrishna, Jain University, Ramanagara, Karnataka,	3083695
122	Chemical Sciences	Inorganic and Physical Chemistry	Studies On Methods To Slow Down The Excited State Dynamics Of Metal Nanoclusters To Enhance Fluorescence Quantum Yield	Dr. Pradipta Purkayastha, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	2918695
123	Chemical Sciences	Inorganic and Physical Chemistry	Development Of Heterodimetallic Complexes And Their Theranostic And Catalytic Aspects	Dr. Srikanta Patra, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	3124240

124	Chemical Sciences	Inorganic and Physical Chemistry	Design And Controlled Fabrication Of Anisotropic Nanoparticles For Catalysis And Sensing Applications	Dr. Akshaya Kumar Samal, Jain University, Ramanagara, Karnataka,	6061265
125	Chemical Sciences	Organic Chemistry	Inert C–H Bond Activation-Initiated Cascade Processes Via Oxidative Organocatalysis	Dr. V Sridharan, Central University of Jammu, Jammu, Jammu And Kashmir, 180012	5338300
126	Chemical Sciences	Organic Chemistry	Targeting Nexus Of Metabolic And Neurodegenerative Disorders: Application In Lafora Disease And Islet Amyloid Deposits	Dr. Sandeep Verma, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	8549200
127	Chemical Sciences	Organic Chemistry	Developing Small Molecules That Mimic The Selectivity And Gating Of Transmembrane Ion Transporters	Dr. Nandita Madhavan, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	7299600
128	Chemical Sciences	Organic Chemistry	Catalytic Modification Of Low Value Essential Oils To Chiral Selective Commodity Products With Enhance Bioactivity Through Green Processes	Dr. Priyabrat Mohapatra, C V Raman College of Engineering, Bhubaneswar, Orissa,	770000
129	Chemical Sciences	Organic Chemistry	Mechanochemical Synthesis And Characterization Of Cocrystals In Organic Molecules	Dr. Deepak Chopra, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2874300
130	Chemical Sciences	Organic Chemistry	Catalytic Modification Of Low Value Essential Oils To Chiral Selective Commodity Products With Enhance Bioactivity Through Green Processes	Dr. Prasanta Kumar Rout, Central Institute of Medicinal and Aromatic Plants, Lucknow, Uttar Pradesh, 226015	2036880
131	Chemical Sciences	Organic Chemistry	Synergistically Coupled Catalytic Systems For Sustainable Processes And Products	Dr. Anand Singh, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	3630000
132	Chemical Sciences	Organic Chemistry	Chemoselectivity Regulation Of Functional Groups In The Chemical Labeling Of Proteins	Dr. Vishal Rai, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	6672600

133	Chemical Sciences	Organic Chemistry	Predictable Switching Of Site-Selectivity In C(Sp ²)-H Functionalization.	Dr. Manmohan Kapur, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	5745520
134	Chemical Sciences	Organic Chemistry	Lewis Acid Catalyzed Rearrangements In The Synthesis Of Natural Products, Drug Candidates And Valuable Compounds	Dr. Rodney A Fernandes, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5353480
135	Chemical Sciences	Organic Chemistry	Non-Directed Remote Sp ³ C-H Functionalizations	Dr. Bhisma K Patel, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	5490320
136	Chemical Sciences	Organic Chemistry	Development Of Unorthodox Photocatalysis Reactions Through Insitu Generation Of Carbenes And Nitrenes Under Low Energy Light: Diverse Cyclization For Functional Molecules And Mechanistic Study	Dr. Dilip Kumar Maiti, University of Calcutta, Kolkata, West Bengal, 700073	2530000
137	Chemical Sciences	Organic Chemistry	Investigation Of Stable Organic And Organometallic Radical Ions And Ions As Electro-Active Species In Organic Redox Flow Batteries (RFBs) In Non-Aqueous Media	Dr. S Sankaramanan, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	7559200
138	Chemical Sciences	Organic Chemistry	Stabilizing Sensitive Organic Reagents And Catalysts In Solid-State By Crystal Engineering Approach	Dr. Chilla Malla Reddy, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4290000
139	Chemical Sciences	Organic Chemistry	Divergent Syntheses Of Chondroitin Sulfate And Fucosylated Chondroitin Sulfate Oligosaccharides Via Orthogonally Protected Disaccharide Intermediates	Dr. Somnath Yadav, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	4109600
140	Chemical Sciences	Organic Chemistry	Design, Synthesis And Characterization Of Multifunctional Platform For Targeted-Tumor Phototherapy	Dr. Devesh M Sawant, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	6089600
141	Chemical Sciences	Organic Chemistry	Novel Heterocyclic Scaffolds For Type II Diabetes Through Targeting Sodium-Glucose Co-Transporter 2 (SGLT2) Inhibition Cascade: Synthesis And Evaluation.	Dr. Srinivas Kantevari, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	3413491

142	Chemical Sciences	Organic Chemistry	Heteroaromatic-Annulated Porphyrins: Design, Synthesis And Study Of Optoelectronic Properties Towards The Development Of Photosensitizers	Dr. Dalip Kumar, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	2481600
143	Chemical Sciences	Organic Chemistry	Trifluorodiazaoethane As A Precursor For The Rapid Synthesis Of Trifluoromethylated Building Blocks	Dr. Kishor Mohanan, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	3656620
144	Chemical Sciences	Organic Chemistry	Substituted Π -Allyl And Allene Nucleophiles: Total Synthesis Driven Preparation Of Highly Substituted Dihydro- And Tetrahydropyran Rings	Dr. Debendra Kumar Mohapatra, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	3737491
145	Chemical Sciences	Organic Chemistry	Validation of The Potential of a Novel 2' o Methyl Ps Based RNA Antisense Mediated Exon Skipping Strategies as Therapeutics In Duchenne Muscular Dystrophy	Dr. Upendra Nongthomba, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	3153480
146	Chemical Sciences	Organic Chemistry	Validation of The Potential of a Novel 2' o Methyl Ps Based RNA Antisense Mediated Exon Skipping Strategies as Therapeutics In Duchenne Muscular Dystrophy	Dr. Surajit Sinha, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	5130000
147	Chemical Sciences	Organic Chemistry	Photoresponsive Nanoconjugates For Efficient Combination Chemotherapy: Sequential And Cocktail Approaches	Dr. Pradeep Nd Singh, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	4620000
148	Chemical Sciences	Organic Chemistry	Stereoselective Desymmetrization Of Meso-Cyclohexadienones For The Rapid Construction Of Highly Functionalized Natural Product-Like Scaffolds	Dr. Rambabu Chegondi, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	5497891
149	Chemical Sciences	Organic Chemistry	Development Of Tandem Copper Catalyzed Arylation-Cyclization Strategies: Synthesis Of Biologically Active Compounds	Dr. Suriseti Suresh, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	4061491
150	Chemical Sciences	Organic Chemistry	Synthesis Of Novel Indenones, Indanones And Evaluation Of Their Anti-Cancer Activity By Inhibition Of AlkB Family Of Enzymes	Dr. Faiz Ahmed Khan, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	4180000

151	Chemical Sciences	Organic Chemistry	A Convergent And Chiral Auxiliary Based Approach For The Total Synthesis Of Callyspongiolide A	Dr. Srihari Prabbaraja, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	5344531
152	Chemical Sciences	Organic Chemistry	Carbo- And Heterometallation Of Alkynes Towards Selective Synthesis Of Alkenyl Scaffolds	Dr. Sridhar Reddy Maddi, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	3663360
153	Chemical Sciences	Organic Chemistry	Asymmetric Organocatalytic Methods For C-C And C-Heteroatom Bond Formation	Dr. Ravi P Singh, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	6508480
154	Chemical Sciences	Organic Chemistry	Total Synthesis Of Cytotoxic, Antiviral Sesquiterpenoids	Dr. Raj Bahadur Singh, Central University of Jharkhand, Ranchi, Jharkhand, 835205	2640000
155	Chemical Sciences	Organic Chemistry	Development Of Oxindole Based Fluorescent, Cell Imager And Its Folate Derivative As Anti-Cancer Agents	Dr. Susanta Sekhar Adhikari, University of Calcutta, Kolkata, West Bengal, 700073	4185104
156	Chemical Sciences	Organic Chemistry	Development Of Oxindole Based Fluorescent, Cell Imager And Its Folate Derivative As Anti-Cancer Agents	Dr. Rajkumar Banerjee, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	1242000
157	Chemical Sciences	Organic Chemistry	Stereoselective Synthesis Of Nitrogen Containing Natural Products Through Organocatalysis	Dr. Ramesh Ramapanicker, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	3104200
158	Chemical Sciences	Organic Chemistry	Catalytic, Enantioselective Desymmetrization Of Prochiral And Meso-Compounds With Quaternary Carbon Centers	Dr. S Perucheralathan, National Institute of Science Education and Research Bhubaneswar, Bhubaneswar, Orissa, 751005	4219600
159	Chemical Sciences	Organic Chemistry	Studies On The Organocatalytic Enantioselective Construction Of Tetrahydroxanthenones	Dr. Easwar Srinivasan, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	4329600

160	Chemical Sciences	Organic Chemistry	Development Of First-Row Transition Metal Catalyzed C-H Activation Approach For The Enantioselective Synthesis Of Complex Tri- And Tetra-Cyclic Alkaloid Natural Product And Their Hybrid Structures.	Dr. P C Ravikumar, National Institute of Science Education and Research Bhubaneswar, Bhubaneswar, Orissa, 751005	5649600
161	Chemical Sciences	Organic Chemistry	Design And Synthesis Of Photoswitchable Chemotherapy Drugs And Antibiotics	Dr. Subhas Samanta, University of Calcutta, Kolkata, West Bengal, 700073	5236704
162	Chemical Sciences	Organic Chemistry	Exploration Of Gold/Photoredox Catalysis In Organic Synthesis	Dr. Nitin T Patil, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	4620000
163	Chemical Sciences	Organic Chemistry	Molecular Diversity Using Easily Accessible 6-Carbon Building Blocks	Dr. Balamurugan Rengarajan, University of Hyderabad, Hyderabad, Telangana, 500046	4752704
164	Chemical Sciences	Organic Chemistry	Cooperative Catalysis Through Dual Activation For Stereoselective Synthesis Of Glycosides	Dr. Pintu Kumar Mandal, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	4520620
165	Chemical Sciences	Organic Chemistry	Transition Metal Catalyzed C-C And C-Heteroatom Bond Formation Through C(Sp ²)-H Activation	Dr. Niranjana Panda, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	2776400
166	Chemical Sciences	Organic Chemistry	Synthesis Of Pyrimidine-Based Receptors For Multipoint Recognition Of Thymidine Analogues And Monitoring Enzyme Activities	Dr. Navneet Kaur, Panjab University, Chandigarh, Chandigarh, 160014	2746700
167	Chemical Sciences	Organic Chemistry	Lead Optimization Of Identified Anti-TB Chemotypes To Develop Novel Pre-Clinical Candidate: Synthesis, In Vitro, Structure-Activity Relationship, Pharmacokinetics And In Vivo Evaluation	Dr. Parvinder Pal Singh, Indian Institute of Integrative Medicine Jammu, Jammu, Jammu And Kashmir,	3656620
168	Chemical Sciences	Organic Chemistry	Synthesis Of The Complex Oligosaccharides Related To The O-Antigens From E. Coli O74, O145 And O156 With The Scope For Further Glyco-Conjugates And Vaccine Designing	Dr. Balaram Mukhopadhyay, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	3734500

169	Chemical Sciences	Organic Chemistry	Dissipative Microphases Regulated By Emergence Of Catalytic Behaviour In Supramolecular Peptide Assemblies	Dr. Dibyendu Das, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4906704
170	Chemical Sciences	Organic Chemistry	Sustainable Utilization Of Abundant Natural Resources: Synthetic Transformations Of Zerumbone And Germacrone Towards Chemically Diverse Sesquiterpenoid Architectures	Dr. K V Radhakrishnan, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	3332620
171	Chemical Sciences	Organic Chemistry	Development Of Rigid π -Conjugated Polymers Via Direct Heteroarylation Polycondensation For Energy Applications	Dr. Asha S K, National Chemical Laboratory, Pune, Maharashtra, 411008	3494880
172	Chemical Sciences	Organic Chemistry	Designer Dendrimers As Thermal Stability Amplifiers For IgG1 Monoclonal Antibody Biotherapeutics	Dr. V Haridas, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4136704
173	Chemical Sciences	Organic Chemistry	Transition Metal Catalyzed Remote Meta-Selective C-H Functionalizations	Dr. G Satyanarayana, Indian Institute of Technology Hyderabad, Hyderabad, TELANGANA, 502205	5456704
174	Chemical Sciences	Organic Chemistry	Conformation Control Via The Fluorine -Ammonium Ion Gauche Effect: Exploration Of Asymmetric Reaction	Dr. Guddeangadi Nagaraj Gururaja, Central University of Gujarat, Gandhinagar, Gujarat, 382030	5429600
175	Chemical Sciences	Organic Chemistry	Design And Synthesis Of CBr ₄ -Analogues Halogen Bonding Catalysts For Functional Group Activation: An Extension To Asymmetric Synthesis	Dr. G Sekar, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	5930100
176	Chemical Sciences	Organic Chemistry	Light Driven Switching Of Acidity And Control Of Catalytic Activity	Dr. Subhajit Bandhyopadhyay, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4466704
177	Chemical Sciences	Organic Chemistry	Gold-Catalysed Synthesis Of Fondaparinux And Other Glycosaminoglycans	Dr. Hotha Srinivas, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	5995704

178	Chemical Sciences	Organic Chemistry	Studies On The Construction Of Enantiomerically Enriched Medium-Sized Ring-Based Dibenzazepine, Dibenzazocine And Allocolchicine Biaryl Alkaloid Motifs Containing Amino Acid And Amino Alcohol Backbone Via C-H Functionalization Route And Their Biological	Dr. S Arulananda Babu, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	3869668
179	Chemical Sciences	Organic Chemistry	Studies On The Synthesis Of The Novel Histone Deacetylase Inhibitors Trapoxins A & B, FR-225497 And Their Analogues	Dr. Shital K Chattopadhyay, University of Kalyani, Kalyani, West Bengal, 741235	3306468
180	Chemical Sciences	Organic Chemistry	Design, Synthesis And Cellular Uptake Of Non-Peptidic Cellular Transporters And Their Application In The Delivery Of siRNA And Antisense Morpholino Oligonucleotides For Gene Silencing In Cancer Cells	Dr. Surajit Sinha, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	5031720
181	Chemical Sciences	Organic Chemistry	Double SN2' Cascade For Biomimetic Total Synthesis Of Anti-Diabetic Natural Products Chlorabietol A-C And Callistrilones A, B.	Dr. Dattatraya H Dethe, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	6450400
182	Chemical Sciences	Organic Chemistry	Synthesis and Anticancer Activity of Sugar-Based Natural Saffloflavonesides And Their Heterocyclic Analogs	Dr. S Nagarajan, National Institute of Technology Warangal, Warangal, Telangana,	3806240
183	Chemical Sciences	Organic Chemistry	Synthetic Studies Towards Γ -Alkylidenebutenolide Containing Natural Products Through Cascade Cyclization And Adventitious Isomerization Process	Dr. Samik Nanda, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	3410000
184	Chemical Sciences	Organic Chemistry	Development Of Next-Generation Hybrid Solar Cells: Effectual Diketopyrrolopyrrole/Carbazole Based Materials For Sustainable Photovoltaics	Dr. Akshaya Kumar Palai, Central Institute of Plastics Engineering & Technology, Bhubaneswar, Orissa,	3161400
185	Chemical Sciences	Organic Chemistry	Study Of Selective C-H Activation: Carbon-Carbon And Carbon-Heteroatom Bonds Formation	Dr. Tharmalingam Punniyamrthy, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	5462864

186	Chemical Sciences	Organic Chemistry	Probing The Significance Of Peptide Sequence Identity In Synthetic Flavopeptide Conjugates Toward Catalytic And Luminescent Behavior	Dr. Ashutosh Kumar Mishra, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	5960856
187	Chemical Sciences	Organic Chemistry	Probing Sp ³ -Rich Spirocyclic Scaffolds In Drug Discovery: Syntheses Of Cyanogramide, FR901483 And Their Diversified Analogues Towards Leads Against Mtb And ESKAPE Pathogen	Dr. Ajay K Srivastava, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	5238260
188	Chemical Sciences	Organic Chemistry	Rational Design And Syntheses Of Non-Natural, Silicon And Boron Based Antibiotics: Sila- And Boro-B-Lactams And Beyond	Dr. Ravindra Kumar, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	4692840
189	Chemical Sciences	Organic Chemistry	Design And Functional Enrichment Of Triplet Harvesting Organic Emitters For OLED	Dr. K R Justin Thomas, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	6032400
190	Chemical Sciences	Organic Chemistry	Merging Photoredox Catalysis With Cp*Co(III): A Route To Distal C–H Bond Functionalizations	Dr. Modhu Sudan Maji, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	4752000
191	Chemical Sciences	Organic Chemistry	Stereoselective Synthesis Of Spirocyclic Indolines	Dr. Sajal Kumar Das, Tezpur University, Tezpur, Assam, 784028	4591400
192	Chemical Sciences	Organic Chemistry	Development Of Organo-Photocatalysis For The Asymmetric Synthesis Of Drug-Like Carbocycles And Heterocycles	Dr. Ramachary Buchi Dhevalapally, University of Hyderabad, Hyderabad, Telangana, 500046	4631000
193	Chemical Sciences	Organic Chemistry	Organocatalytic Asymmetric Kinetic Resolution For The Synthesis Of Aziridines And Tetrahydropyrans	Dr. Subhas Chandra Pan, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	4301000
194	Chemical Sciences	Organic Chemistry	Enantioselective Carbon-Silicon Bond Formation Using Evolved Cytochrome C Enzymes	Dr. Syed Masood Husain, Centre of Biomedical Research, Lucknow, Uttar Pradesh, 226014	5091000

195	Chemical Sciences	Organic Chemistry	One-Pot Cascade Approaches For The Synthesis Of Carbazoles, Including Atropselective Strategies	Dr. S V Rama Sastry Sripada, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	3918200
196	Chemical Sciences	Organic Chemistry	Design And Development Of Polymeric Gels For Metal Ion Sequestration From Wastewater	Dr. Josemon Jacob, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4348696
197	Chemical Sciences	Organic Chemistry	Transition Metal Catalyzed Atroposelective Synthesis Of Nitrogen Containing Axially Chiral Biaryls And Its Application In Stereoselective Synthesis	Dr. Rajarshi Samanta, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	5082000
198	Chemical Sciences	Organic Chemistry	Ir-Catalyzed C(Sp ²)-H Bond Activation And Borylation Of Arenes Via Noncovalent Interactions	Dr. Buddhadeb Chattopadhyay, Centre of Biomedical Research, Lucknow, Uttar Pradesh, 226014	5626800
199	Chemical Sciences	Organic Chemistry	Pd/Chiral Brønsted Acid Catalyzed Enantioselective Allylation Of Nucleophiles With Alkynes	Dr. Shikha Gandhi, Indian Institute of Science Education and Research Berhampur, Ganjam, Orissa, 760010	5748600
200	Chemical Sciences	Organic Chemistry	Development Of Novel Bicyclic Secondary Amine Catalysts For The Stereoselective Vinylogous Functionalization Of Unsaturated Aldehydes	Dr. Chandrakumar Appayee, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	5221400
201	Chemical Sciences	Organic Chemistry	Design And Synthesis Of Novel Quorum Sensing (QS) Autoinducer Probes To Unravel The Pseudomonas Aeruginosa Regulation	Dr. Rambabu Dandela, Institute of Chemical Technology, Mumbai, Maharashtra,	4407480
202	Chemical Sciences	Organic Chemistry	Transition Metal Catalyzed C-H Functionalization For Anticancer Drug Candidates.	Dr. Kamaldeep Paul, Thapar Institute of Engineering & Technology, Patiala, Punjab, 147004	4955940
203	Chemical Sciences	Organic Chemistry	Aminoglycoside (Tobramycin) Based Hybrid Small Molecules Targeting Bacterial RRNA A-Site For Developing New Anti-Tuberculosis Agents	Dr. Nihar Ranjan, National Institute of Pharmaceutical Education and Research Raebareli, Rae Bareli, Uttar Pradesh, 229010	4144910

204	Chemical Sciences	Organic Chemistry	Synthesis Of 2-Azido Pyridines, Triazole Substituted Pyridines And Cyano Substituted Triazoles Via Transition Metal Catalyzed Chemoselective [2+2+2] Cycloaddition Reactions Of Cyanogen Azide With Diynes	Dr. Avijit Goswami, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	4499440
205	Chemical Sciences	Organic Chemistry	Heterocyclic-Based Peptidomimetics For Non-Viral Gene Delivery	Dr. Srilakshmi Venkata Patri, National Institute of Technology Warangal, Warangal, Telangana, 506004	4191265
206	Chemical Sciences	Organic Chemistry	New Strategies For Organic Synthesis: Design And Applications Of New Reactive Intermediates To Create Complex Functional Molecules For Drug Discovery Applications	Dr. Sreenivas Katukojvala, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	4631265
207	Chemical Sciences	Organic Chemistry	Synthesis Of Pseudoproteins By Topochemical Azide-Alkyne Cycloaddition Reactions	Dr. Kana M Sureshan, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala,	3978830
208	Chemical Sciences	Organic Chemistry	In Search Of Unsymmetrically Substituted Anthracenyl Π -Conjugates As Tunable Mechanofluorochromic Small Molecules	Dr. Manab Chakravarty, Birla Institute of Technology and Science Pilani-Hyderabad, Hyderabad, Telangana, 500078	2825160
209	Chemical Sciences	Organic Chemistry	Michael Initiated Ring Closing Reactions: Enantioselective Synthesis Of Highly Substituted Spiro-Cyclopropanes	Dr. Vinod Kumar Singh, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	6463775
210	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Regional Stress In Northeast India And Adjacent Regions: Tectonic Implications	Dr. Dipok Kumar Bora, Diphu Government College, Diphu, Assam, 782462	2263880
211	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Biostratigraphy Of Kerala Basin Based On Palynology And Calcareous Nannofossils: Implications On Palaeovegetation And Palaeoclimate.	Dr. Poonam Verma, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, 226007	2587760

212	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Geo-Environmental Problems and Its Impact On Sustainable Development Of Lower Kulsi River Basin, Assam	Dr. Gitika Thakuriah, Cotton College State University, Guwahati, Assam, 781001	2873800
213	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Assessing The Impact Of Imbalanced Use Of Chemical Fertilizers On Soil Health Using A Soil Function Based Quantitative Approach	Dr. Narendra Kumar Lenka, Indian Institute of Soil Science Bhopal, Bhopal, Madhya Pradesh, 462038	2154760
214	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Modelling Urban Sprawl Dynamics Of Howrah-Kolkata Urban Agglomeration By Semi-Automated Impervious Feature Extraction Techniques Using Multi-Sensor Remotely Sensed Data	Dr. Abhisek Santra, Haldia Institute of Technology, Haldia, West Bengal, 721657	2420580
215	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Assessment Of High Salinity In Groundwater Along Southern Ramanathapuram Coast, Tamil Nadu- Using Geochemical And Isotopic Techniques	Dr. B Gowtham, Presidency College, Chennai, Tamil Nadu, 600005	2678640
216	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Assessment Of Greigite (Fe ₃ S ₄) Formation By Hydrothermal Alteration And Partial Melting Of Base-Metal Sulfide Deposits As A Potential Mechanism Contributing To Groundwater As-Pollution	Dr. Kamal Lochan Pruseth, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	3340000
217	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	A Decision Support System For Climate Change Adaptation Of Chain Tank Systems of Semi-Arid Region	Dr. Keesara Venkata Reddy, National Institute of Technology Warangal, Warangal, Telangana, 506004	3108200
218	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Study Of Thermospheric And Mesospheric Cooling By Using Nitric Oxide Radiative Emissions	Dr. Mv Sunil Krishna, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	3379520
219	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Granite Series Evaluation Of Trans-Himalayan Lohit Plutonic Complex, Eastern Arunachal Pradesh: Constraints From Magnetic Susceptibility, Mineral Chemistry, Geochemistry And Zircon Chronology	Dr. Vikoleno Rino, Nagaland University, Zunheboto, Nagaland,	2944880

220	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Identification Of Above Ground Vegetation Biomass In The Kalimpong Subdivision Of West Bengal	Dr. Prabir Kumar Paul, Indian Institute of Engineering Science and Technology (IIST), Howrah, West Bengal, 711103	3417640
221	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Quest For The Signatures Of Early Land Plants, Their Subsequent Evolution And Biodiversity In The Early Palaeozoic Sequences Of Spiti Himalayas: Palaeoenvironmental And Paleogeographical Implications	Dr. Anju Saxena, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, 226007	2809360
222	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Assessment Of Vulnerability Of Satluj River Basin To Floods Under Scenarios Based On Representative Concentration Pathways	Dr. Mohammed Sharif, Jamia Millia Islamia, New Delhi, Delhi, 110025	3122000
223	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Diversity Of Phanerozoic Ophiolites Between Nagaland-Manipur And Andaman Islands	Dr. Biswajit Ghosh, University of Calcutta, Kolkata, West Bengal, 700019	1562000
224	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Mineralogy, Geochemistry And Geochronology Of Microgranular Enclaves And Host Ladakh Granitoids, Trans-Himalaya, India: Implication On Subduction-Related Magma Chamber Processes, Sources And Timing Of Plutonism And Crustal Growth	Dr. Santosh Kumar, Kumaun University, Almora, Uttarakhand, 263002	3982880
225	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Mopping Oil With Graphene Based Composite Sponge	Dr. Shobha Shukla, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5126640
226	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Quantifying The Holocene Monsoonal Variability Using Modern Vegetation-Climate Relationships In The Western Margin Of The Bengal Basin, India: Development Of Transfer Functions	Dr. Ruby Ghosh, Birbal Sahni Institute of Palaeo Sciences, Lucknow, Uttar Pradesh, 226007	4369520
227	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Amelioration Of Saline/ Sodic Soil Using Municipal Solid Waste Compost/ Vermicompost	Dr. Rajeev Pratap Singh, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	4073760

228	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Spatially Distributed Erosion Estimation And Hydrological Modelling On A Glaciated And Ungauged River Basin Of Arunachal Pradesh Using Geo-Informatics	Dr. Aditi Bhadra, North Eastern Regional Institute of Science and Technology, Itanagar, Arunachal Pradesh,	6305000
229	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Study Of Floral Evolution And Macroscopic Charcoal- An Indicator Of Wild Fire During The Late Palaeozoic Sediments Of Northeast India: Implications In Palaeoclimate, Palaeoecology, Biostratigraphy And Palaeogeography	Dr. Deepa Agnihotri, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, 226007	2708200
230	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Base Metal Occurrences In Kaziranga Porphyry Granitoids Of Karbi Hills, Assam- Its Prospect Examination	Dr. Arundhuti Ghatak, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2273200
231	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Base Metal Occurrences In Kaziranga Porphyry Granitoids Of Karbi Hills, Assam- Its Prospect Examination	Dr. Dilip Majumdar, Dibrugarh University, Dibrugarh, Assam, 786004	2663600
232	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Economic And Ecological Implications Of Shifting Cultivation In Mizoram, Northeast India	Dr. Vishwambhar Prasad Sati, Mizoram University, Aizwal, Mizoram, 796004	1245000
233	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Biodiversity and Palaeobiogeography of The Microbiota from The Deccan Infra And Intertrappean Beds of The Malwa Plateau, Central India	Dr. Varun Parmar, University of Jammu, Jammu, Jammu And Kashmir, 180006	3736000
234	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Evaluating The Impact Of Oil Pollution On Mangrove Habitats, And Their Associated Biota To Assess Their Adaptations And Resilience Capacity.	Dr. Cathrine Sumathi Manohar, National Institute of Oceanography, Goa, Dona Paula, Goa, 403004	4795000
235	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Geochemistry And Isotopic (Sr And Nd) Studies Of Neo-Tethyan Permo-Triassic Siliciclastic Sedimentary Rocks From The Kashmir Region, Northern India: Implications For Provenance, Paleoclimate And End-Permian Mass Extinction.	Dr. Shaik Rashid, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	4363200

236	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Tectonics of Southern Granulite Terrain Of South India Based On Integrated Geophysical, Structural And Remote Sensing Study	Dr. Lasitha S, Pondicherry University, Puducherry, Puducherry, 605014	4170200
237	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Observation Of Anomalous Characteristics Of VLF Signals In The Earth-Ionospheric Wave Guide Using A Network Of Receivers And Their Correlation With Seismic Events.	Dr. Sudipta Sasmal, Indian Centre for Space Physics, Kolkata, West Bengal, 700084	4362800
238	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Assessment Of Toxicity On Vegetative Crops By Application Of Municipal Solid Waste Compost (MSWC) .	Dr. Manju Rawat Ranjan, Amity University Noida, Noida, Uttar Pradesh, 201303	2604000
239	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Systematics, Palaeobiogeography And Change in Diversity Of Tertiary Gastropoda Of Kutch, Gujarat	Dr. Shiladri Shekhar Das, Indian Statistical Institute Kolkata, Kolkata, West Bengal, 700108	4140640
240	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Understanding Influence Of Climate Change On Small Hydro-Power Projects In Himachal Pradesh, India	Dr. Anil Kulkarni, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2272800
241	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Understanding Influence Of Climate Change On Small Hydro-Power Projects In Himachal Pradesh, India	Dr. S S Randhawa, State Council for Science Technology and Environment, Shimla, Himachal Pradesh, 171009	1769600
242	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Evaluation Of Biomass Burning Emissions To Address Sources Of Atmospheric Brown Carbon And Associated Impacts On Regional Climate	Dr. Shamsh Pervez, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, 492010	5427400
243	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Evaluation Of Biomass Burning Emissions To Address Sources Of Atmospheric Brown Carbon And Associated Impacts On Regional Climate	Dr. Noor Afshan Khan, National Environmental Engineering Research Institute, Nagpur, Maharashtra, 440020	162000
244	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	A Study To Explore The Potentiality Of Using Coal Fly Ash (CFA) Derived From Indian Thermal Power Plants As A Resource Of Rare Earth Elements (REEs)	Dr. Sudip Maity, Central Institute of Mining and Fuel Research, Dhanbad, Jharkhand, 826001	5454000

245	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Land-Sea Interactions Along Coastal Wetlands Of Gujarat, Western India: Mangroves Response To Climate And Sea-Level Changes During The Holocene	Dr. Shilpa Pandey, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, 226007	4928200
246	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Mineralogy, Petrography And Geochemical Investigations For Ni-Cu-PGE Mineralization In The Phenai Mata Igneous Complex, Deccan Large Igneous Province, Gujarat, India	Dr. Kirtikumar Ramkrushna Randive, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra, 440001	3493760
247	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Generation Of Reactive Oxygen Species In Size Fractionated Ambient Particulate Matter: Association With Metals, Polyaromatic Hydrocarbons And Meteorology	Dr. Anita Lakhani, Dayal Bagh Educational Institute, Agra, Uttar Pradesh, 282002	3006200
248	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Spatial Distribution Of Groundwater Quality In The Kashmir Valley With Special Emphasis On Metal Ion Mapping	Dr. Syed Muzaffarali Andrabi, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	5674200
249	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	PM10 And PM2.5 Related Health Effects In North-East India: Source Identification And Cohort Analysis	Dr. Arundhuti Devi, Institute of Advanced Study in Science and Technology, Guwahati, Assam, 781035	1840200
250	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	PM10 And PM2.5 Related Health Effects In North-East India: Source Identification And Cohort Analysis	Dr. Sri Harsha Kota, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	2772800
251	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Decoding The Late Quaternary Track Of Indian Monsoon In The Gangetic Plain And Its Control On The Vegetation And Fluvial Patterns: A Multi-Proxy Approach	Dr. Prasanta Sanyal, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	23016800
252	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Field And Laboratory Investigations To Understand Temporal Variation Between Groundwater Level And Fluoride: Managed Aquifer Recharge For Mitigation	Dr. Elango Lakshmanan, Anna University, Chennai, Tamil Nadu, 6000025	4745600

253	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	A Comprehensive Sedimentological Model For Accreting Tidal Flats In A Modern Wave-Dominated Subarnarekha River Mouth Estuarine System Along The Coast Of Bay Of Bengal, Eastern India	Dr. Biplab Bhattacharya, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	2068880
254	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	A Comprehensive Sedimentological Model For Accreting Tidal Flats In A Modern Wave-Dominated Subarnarekha River Mouth Estuarine System Along The Coast Of Bay Of Bengal, Eastern India	Dr. Harendra Nath Bhattacharya, Techno India University, Kolkata, West Bengal,	517000
255	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Biochar For Acid Soil Improvement And Climate Change Mitigation In Temperate Ecosystem	Dr. K Rajan, Icar-Indian Institute of Soil And Water Conservation,Tamilnadu, Nilgiris, Tamil Nadu, 643004	5118600
256	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Development Of Rainfall Intensity Duration Frequency (IDF) Curves Over India Under Non-Stationary Climatic Conditions	Dr. Basudev Biswal, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	2109000
257	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	PGE Characterization And Lava Flow Correlation In Selected Areas Of Eastern Deccan Volcanic Province	Dr. Jyotisankar Ray, University of Calcutta, Kolkata, West Bengal, 700073	2802160
258	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Dyke Intruded Fractured Rock Characterization Using Discrete Dual Porosity And Neural Network Based Modelling Of Geo-Electrical Data For Water Resource Management	Dr. Saumen Maiti, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	2622000
259	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Developing Statistical Post-Processing Approaches For Generating Ensembles Of Improved Medium Range Forecasts Of The Indian Summer Monsoon Rainfall	Dr. Sanjeev Kumar Jha, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2431240
260	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Metamorphic Evolution Of Mg-Al Granulites From Kodaikanal-Cardamom Hills, Southern India: Evidence For Lower Crustal Heating-Cooling Trajectory	Dr. Divya Prakash, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	4295040

261	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Evaluation And Development Of Hyperlocal Forecasting System For Smart City Bhubaneswar And Neighbourhood Regions.	Dr. Sandeep Pattnaik, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	3091240
262	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	"Petrogenesis Of Enclaves Hosted In Hayuliang Granitoids, Eastern Arunachal Pradesh, India	Dr. Khuraijam Mohon Singh, Imphal College, Imphal, Manipur, 795001	3054120
263	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Metal And Metalloid Hazard In Soil, Plant And Ground Water In Western Uttar Pradesh Receiving Irrigation Through Hindon River	Dr. Debasis Golui, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	3956080
264	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Greenhouse Gases (CO ₂ , CH ₄ And N ₂ O) Emission Studies In Keibul Lamjao National Park, Manipur	Dr. Khoiyangbam Raju Singh, Manipur University, Imphal, Manipur, 795003	5132120
265	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Nuisance Aquatic Plants As A Sustainable Tool For Nutrient Removal And Bio-Fertilization	Dr. Humaira Qadri, Sri Pratap College, Srinagar, Jammu And Kashmir, 190001	3905240
266	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	A Detailed Ichnologic Investigation Of The Cenozoic Sedimentary Substrates And Stratigraphic Contacts Of The Kutch Basin	Dr. Sudipta Dasgupta, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3022360
267	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	The Nature Of Biotic Interaction And Community Structure Of Marine Molluscs As A Response To Regional Environmental Triggers In A Tropical Island Ecosystem.	Dr. Devapriya Chattopadhyay, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4050400
268	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Investigation Of Ca Stable Isotope Ratio Fractionation During Solid Earth Processes: Implications For The Bulk Silicate Earth Ca Isotopic Composition	Dr. Ramananda Chakrabarti, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	4756000
269	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Systematic Study Of Molluscs And Other Benthic Faunal Diversity and Their Palaeoecological, Palaeobiogeographical Distribution During Jurassic-Cretaceous Transition In Kutch, Western India	Dr. Pinaki Roy, Durgapur Government College, Burdwan, West Bengal,	1281000

270	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Systematic Study Of Molluscs And Other Benthic Faunal Diversity and Their Palaeoecological, Palaeobiogeographical Distribution During Jurassic-Cretaceous Transition In Kutch, Western India	Dr. Sunipa Mandal, Jadavpur University, Kolkata, West Bengal, 700032	1587360
271	Earth & Atmospheric Sciences	Earth & Atmospheric Sciences	Comprehensive Biostratigraphy And Palaeoenvironmental Reconstruction Of The Cenomanian-Turonian Faunal Turnover Event Recorded In Peninsular India	Dr. Jahnavi Puneekar, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3886360
272	Engineering Sciences	Chemical & Environmental Engineering	Development Of Non Thermal Plasma System For Liquid Food Sterilization	Dr. Mahendran R, Indian Institute of Food Processing Technology, Thanjavur, Tamil Nadu, 613005	2737000
273	Engineering Sciences	Chemical & Environmental Engineering	Protease-Catalyzed Synthesis Of Lysine Oligopeptides	Dr. M P Rajesh, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	2624600
274	Engineering Sciences	Chemical & Environmental Engineering	Analysis Of Rapid Phase Transition In Liquid Natural Gas Spills	Dr. Arup Kumar Das, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	3491640
275	Engineering Sciences	Chemical & Environmental Engineering	Development Of Novel Nano Material Based On Graphene Quantum Dot And Carbon Nanohorn For Detection Of Cancer Biomarker.	Dr. Dipankar Chattopadhyay, University of Calcutta, Kolkata, West Bengal, 700073	2060640
276	Engineering Sciences	Chemical & Environmental Engineering	Soluble Lead Redox Flow Battery: Cycleability And Impact Of Forced And Concentration Gradient Driven Natural Convection	Dr. Sanjeev Kumar Gupta, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	6653880
277	Engineering Sciences	Chemical & Environmental Engineering	High Yield Exfoliation Of Layered Metal Diborides To Synthesize Boron Analogs Of Graphene For Developing A New Class Of Energy Storage Nanocomposites	Dr. Kabeer Jasuja, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	3754080
278	Engineering Sciences	Chemical & Environmental Engineering	Polymer Crystallization Under Confinement In Electrospun Nanofibers	Dr. Bhanu Nandan, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4574846

279	Engineering Sciences	Chemical & Environmental Engineering	Multiscale Modeling For Quantitative Prediction Of Protein Aggregation Kinetics	Dr. Gaurav Goel, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	3818877
280	Engineering Sciences	Chemical & Environmental Engineering	Intricate Porous Scaffold Via Pickering – High Internal Phase Emulsion Templating	Dr. Rajiv Kumar Srivastav, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	3759480
281	Engineering Sciences	Chemical & Environmental Engineering	Solar Energy Driven Green Hydrogen Generation From Water Using Reduced Graphene Oxide Based Photo-Catalyst And Co-Catalyst	Dr. Kajari Kargupta, Jadavpur University, Kolkata, West Bengal, 700032	3666276
282	Engineering Sciences	Chemical & Environmental Engineering	Metabolic Regime Control For Production Of Biotherapeutics	Dr. James Gomes, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4544640
283	Engineering Sciences	Chemical & Environmental Engineering	Rapid And Simultaneous Stage-Controlled Intercalation And Exfoliation Of Graphite	Dr. Anupam Shukla, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4634083
284	Engineering Sciences	Chemical & Environmental Engineering	Low Salinity Water/Surfactant/Nanoparticles Enhanced Oil Recovery For Brownfield Indian Oil Reservoirs Using Microfluidics Experiments	Dr. Jitendra S Sangwai, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4574880
285	Engineering Sciences	Chemical & Environmental Engineering	Multiscale Understanding of Nanoporosity Evolution During Selective Dissolution of A Metal Alloy	Dr. Abhijit Chatterjee, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4439880
286	Engineering Sciences	Chemical & Environmental Engineering	Mango Waste Valorization Through Biorefinery Concept: A Sustainable And Greener Approach	Dr. Meghal A Desai, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, 395007	5060880
287	Engineering Sciences	Chemical & Environmental Engineering	Synthesis Of Mononuclear As Well As Homo And Hetero Dinuclear Complexes Of Cu(II) And Zn(II) With Hard-Soft Donor Ligands And Evaluation Of Their Anticancer Activities	Dr. Manjuri Kumar, Birla Institute of Technology and Science Pilani-Goa, Zuarinagar, Goa, 403726	2305578
288	Engineering Sciences	Chemical & Environmental Engineering	Membrane Solvent Extraction Processes for Extracting Lanthanum and Cerium Metals From Leach Solutions Of Monazite Sands And Recyclable Consumer Products	Dr. Debashish Sengupta, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	270000

289	Engineering Sciences	Chemical & Environmental Engineering	Membrane Solvent Extraction Processes for Extracting Lanthanum and Cerium Metals From Leach Solutions Of Monazite Sands And Recyclable Consumer Products	Dr. Gunjan Kumar Agrahari, Rajiv Gandhi Institute of Petroleum Technology, Rae Bareli, Uttar Pradesh, 229316	3818878
290	Engineering Sciences	Chemical & Environmental Engineering	Bench Scale Studies For Gas Hydrate Based Continuous Gas Separation Process: Separation Of Industrially Relevant Binary And Ternary Gas Mixture Like CO ₂ /H ₂ , CO ₂ /CH ₄ /H ₂ S And CH ₄ /N ₂ /H ₂	Dr. Rajinish Kumar, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4574880
291	Engineering Sciences	Chemical & Environmental Engineering	Synthesis Of Nanozeolites And Development Of Highly Stable Mixed Matrix Membranes (MMM) For Dehydration Of Hydrazine Hydrate Via Pervaporation	Dr. Satyanarayana Venkata Suggala, Jawaharlal Nehru Technological University Anantapur, Anantapur, Andhra Pradesh, 515002	3278880
292	Engineering Sciences	Chemical & Environmental Engineering	Nanoparticle Enhanced Phase Change Material Microcapsules/Fibers For Advanced Energy Storage And Allied Applications	Dr. Puchalapalli Dineshsankar Reddy, Jawaharlal Nehru Technological University Anantapur, Anantapur, Andhra Pradesh, 515002	3035880
293	Engineering Sciences	Chemical & Environmental Engineering	Understanding The Delivery Of Nanoparticles To Liposomes Using Electroporation	Dr. Rochish Thaokar, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4328640
294	Engineering Sciences	Chemical & Environmental Engineering	Dynamics Of Radially Expanding Thin Liquid Sheets	Dr. Mahesh S Tirumkudulu, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5762826
295	Engineering Sciences	Chemical & Environmental Engineering	Applications Of Cold Plasma Activated Water For Hygiene Purposes Through Experiments And Mathematical Modeling	Dr. Dasappa S, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3633120
296	Engineering Sciences	Chemical & Environmental Engineering	Flow Of Granular Materials Through A Vertical Channel: Comparison Between Experiments, DEM Simulations, And Predictions Of Continuum Models	Dr. Kesava Rao Kaza, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2502050

297	Engineering Sciences	Chemical & Environmental Engineering	Soft-Wall Turbulence	Dr. V Kumaran, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2969568
298	Engineering Sciences	Chemical & Environmental Engineering	Development Of ERT Reconstruction Algorithms For Accurate Estimation Of Phase Concentration In Multi-Phase Flows	Dr. Phanindra Varma Jampana, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	3742390
299	Engineering Sciences	Chemical & Environmental Engineering	Enhancements Of Model Predictive Control For Batch/Semi-Batch Processes	Dr. Hariprasad Kodamana, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	3344240
300	Engineering Sciences	Chemical & Environmental Engineering	Selective Extraction And Purification Of Commercially Valuable Pigment Melanin From Cephalopod Ink And Its Industrial Effluent	Dr. Regupathi Iyyaswami, National Institute of Technology Karnataka, Surthakal, Karnataka, 575025	4978800
301	Engineering Sciences	Chemical & Environmental Engineering	Next Generation High Performance In Situ Generated Nano Particles Embedded Sustainable Antifouling Ceramic-Polymer Composite NF Membranes: Preparations, Modifications And Application Aimed At Water/Drinking Water Treatment	Dr. Priyanka Mondal, Central Glass & Ceramic Research Institute, Kolkata, West Bengal,	2574720
302	Engineering Sciences	Chemical & Environmental Engineering	Experimental And Power Plant Simulation Studies On Co-Chemical Looping Combustion Of Coal And Biomass In The Context Of Clean Fuel Utilization	Dr. Prabu Vairakannu, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	3738880
303	Engineering Sciences	Chemical & Environmental Engineering	Experimental And Theoretical Investigations Of Complex Rheological Behaviors In Time Dependent (Aging) Soft Materials	Dr. Yogesh M Joshi, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	6053546
304	Engineering Sciences	Chemical & Environmental Engineering	Design And Development Of Bimetallic Nanostructured Photocatalyst For Selective Conversion Of Carbon Dioxide To Fuels	Dr. Raghuram Chetty, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	6098312

305	Engineering Sciences	Chemical & Environmental Engineering	Microdroplet Analysis And Quantification Of Biomolecules	Dr. Rahul Roy, Indian Institute of Science,Bangalore, Bangalore, Karnataka, 560012	5896800
306	Engineering Sciences	Chemical & Environmental Engineering	Mesoporous Nanocomposites For Controlling Microbially Induced Corrosion Caused By Sulfate Reducing Bacteria	Dr. Sutapa Roy Ramanan, Birla Institute of Technology and Science Pilani-Goa, Zuarinagar, Goa, 403726	3260400
307	Engineering Sciences	Chemical & Environmental Engineering	Assessment Of Size Segregated Airborne Particulate Matter And Its Health Effects	Dr. Srimuruganandam B, Vellore Institute of Technology, Vellore, Tamil Nadu, 632014	3853649
308	Engineering Sciences	Chemical & Environmental Engineering	Guiding Hydrodynamically Interacting Micro-Swimmers	Dr. Sumesh P Thampi, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4006800
309	Engineering Sciences	Chemical & Environmental Engineering	Technology Development For The Production Of Natural Colorant (Chlorophyll) From Isolated Microalgae	Dr. Kalyan Gayen, National Institute of Technology Agartala, Agartalla, Tripura,	3222720
310	Engineering Sciences	Chemical & Environmental Engineering	Chitosan Based Thin Active Layer Forward Osmosis (FO) Membrane For Sewage Up-Concentration And Resource Recovery	Dr. Subhankar Basu, National Institute of Foundry and Forge Technology, Ranchi, Ranchi, Jharkhand,	2119176
311	Engineering Sciences	Chemical & Environmental Engineering	Process Development For Oil/Fat To Powder By Encapsulation For Food And Nutritional Applications	Dr. P Nisha, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	2347920
312	Engineering Sciences	Chemical & Environmental Engineering	Experimental Study Of Film Evolution For A Surfactant-Laden Viscous Liquid Film Falling Down A Vertical Cylinder With A Major Focus On Mechanisms Of Lung Airway Closure And Flow Instabilities Occurring In Coating Flows.	Dr. Gaurav, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4978000
313	Engineering Sciences	Chemical & Environmental Engineering	Turbulent Suspensions: Modeling And Experiments	Dr. Partha Sarathi Goswami, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	5651424

314	Engineering Sciences	Chemical & Environmental Engineering	Ultra-Sensitive Simultaneous Detection Of Heavy Metals In Air Borne Particulates Via Electrochemical Analysis	Dr. Priyabrata Sarkar, Calcutta Institute of Technology, Kolkata, West Bengal,	5174248
315	Engineering Sciences	Civil and Mechanical Engineering	Electrothermal Flows For Thermal Management Of Electronics	Dr. Anandaroop Bhattacharya, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	3206710
316	Engineering Sciences	Civil and Mechanical Engineering	Bladeless Smart Wind Energy Harvesters	Dr. Sayan Gupta, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3096170
317	Engineering Sciences	Civil and Mechanical Engineering	Experimental And Computational Analyses Of Flow-Induced Heat Transfer Deterioration In Supercritical Natural Circulation Loop	Dr. Dipankar Narayan Basu, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	4726040
318	Engineering Sciences	Civil and Mechanical Engineering	Influence Of Binary And Ternary Cementitious Composites On The Engineering Properties Of Interfacial Transition Zone Of Reinforced Concrete Exposed To Aggressive Environments	Dr. Bibhuti Bhusan Das, National Institute of Technology Karnataka, Surthakal, Karnataka, 575025	3295600
319	Engineering Sciences	Civil and Mechanical Engineering	Micromechanics Based Fatigue Life Prediction Model For Unidirectional Composites Under Compression-Torsion Fatigue Loading	Dr. Chandra Sekher Yerramalli, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3097710
320	Engineering Sciences	Civil and Mechanical Engineering	Design, Development, And Characterization Of A Dielectric Elastomer-Based Variable Focal Length Mirror	Dr. Manish M Joglekar, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4291100
321	Engineering Sciences	Civil and Mechanical Engineering	Vortex Ring And Bubble Interaction: Towards Understanding Drag Reduction In Turbulent Boundary Layers Using Air Bubble Injection	Dr. Raghuraman N Govardhan, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3559600
322	Engineering Sciences	Civil and Mechanical Engineering	Experimental And Numerical Model Study Of Urban Flood - Old Proposal Number EMR/2016/002543	Dr. Soumendra Nath Kuiry, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4705420

323	Engineering Sciences	Civil and Mechanical Engineering	Modeling And Simulation Of Large Strain Mesoscale Plastic Flow For Deformation Processing Of Structural Components	Dr. Narayan K Sundaram, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2377250
324	Engineering Sciences	Civil and Mechanical Engineering	Structural Behaviour of Corroding Prestressed Concrete Systems and Extension of Service Life Using Cathodic Protection	Dr. Amlan Kumar Sengupta, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3960000
325	Engineering Sciences	Civil and Mechanical Engineering	Microfluidic Platforms For Investigating Flow Induced Structure Formation In Particle Laden Polymeric Flows	Dr. Aloke Kumar, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	5985128
326	Engineering Sciences	Civil and Mechanical Engineering	Development Of A Rarefied Gas Dynamic Code With Coupled Radiative Heat Transfer For High Altitude Hypersonics	Dr. Ankit Bansal, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	2649680
327	Engineering Sciences	Civil and Mechanical Engineering	Design Of Asperity For Textured Metal Surfaces To Improve Tribological Characteristic In Sliding: An In Situ Imaging Approach	Dr. Anirban Mahato, Indian Institute of Technology Patna, Patna, Bihar, 801103	2896520
328	Engineering Sciences	Civil and Mechanical Engineering	Experiments And Modelling Of Wall-Bounded Flow Of Lubricating Magnetorheological Grease	Dr. Chiranjit Sarkar, Indian Institute of Technology Patna, Patna, Bihar, 801103	1920600
329	Engineering Sciences	Civil and Mechanical Engineering	Design And Development Of Biodegradable Metal Implants For Orthopaedic And Cardiovascular Applications	Dr. Pulak M Pandey, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	4560600
330	Engineering Sciences	Civil and Mechanical Engineering	Theoretical And Experimental Study Of Wave Propagation In Granular Metamaterials	Dr. Jayaprakash K R, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	3092100
331	Engineering Sciences	Civil and Mechanical Engineering	A Multi-Scale Approach for Characterization of Fatigue of Bituminous Materials	Dr. Murali Krishnan, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	1380534
332	Engineering Sciences	Civil and Mechanical Engineering	A Multi-Scale Approach for Characterization of Fatigue of Bituminous Materials	Dr. Padma Rekha, S R M Institute of Science and Technology, Chennai, Tamil Nadu,	943800

333	Engineering Sciences	Civil and Mechanical Engineering	The Mechanics Of Severe Plastic Deformation In Porous Soft Rocks	Dr. Tejas Gorur Murthy, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3979800
334	Engineering Sciences	Civil and Mechanical Engineering	Development Of An Electrostatic Agricultural Spray Charging System As An Attachment To A Knapsack Mist Blower	Dr. Vidhu Kampurath P, Vignan's Foundation for Science Technology and Research University, Guntur, Andhra Pradesh, 522213	2289150
335	Engineering Sciences	Civil and Mechanical Engineering	Design And Experimental Implementation Of A Nonlinear Energy Sink For Targeted Energy Transfer Of A Beam Carrying Unbalanced Rotor	Dr. Anil Kumar, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	2595000
336	Engineering Sciences	Civil and Mechanical Engineering	Synergistic Effect Of Phosphonium, Ammonium Based Ionic Liquid And Nano Lubricants On The Tribological And Rheological Properties	Dr. Velagapudi Vasu, National Institute of Technology Warangal, Warangal, Telangana,	1764400
337	Engineering Sciences	Civil and Mechanical Engineering	Hybrid Casting Approach For Manufacturing Magnesium Nanocomposites	Dr. Lakshmanan Poovazhagan, S S N College of Engineering, Kalpakkam, Tamil Nadu,	2494166
338	Engineering Sciences	Civil and Mechanical Engineering	Form-Finding And Load Analysis Of Tensile Membrane Structures By Stochastic Optimisation	Dr. Siddhartha Ghosh, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3550686
339	Engineering Sciences	Civil and Mechanical Engineering	Non-Linear And Non-Classical Thermo-Mechanical Analysis Of Functionally Graded Cylinders: Asymptotically Accurate Analytic Formulation	Dr. Srikant Sekhar Padhee, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	3881000
340	Engineering Sciences	Civil and Mechanical Engineering	Mechanical And Micro-Structural Characterization Of Additive Friction Stirred (AFS) 3D Structures Made Of Al 6061 T6 Aluminium Powder	Dr. Probir Saha, Indian Institute of Technology Patna, Patna, Bihar,	2170894
341	Engineering Sciences	Civil and Mechanical Engineering	Dynamic Analysis And Design Of Dynamically Balanced Gait Controller For Lower Limb Exoskeleton	Dr. Pandu Ranga Vundavilli, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	4411760

342	Engineering Sciences	Civil and Mechanical Engineering	Design, Analysis And Development Of Combined Wave And Wind Energy Multi-Use Platform	Dr. Debabrata Karmakar, National Institute of Technology Karnataka, Surthakal, Karnataka, 575025	4330514
343	Engineering Sciences	Civil and Mechanical Engineering	'Development And Validation Of RoAS (Robot For Articulatory Simulation)'	Dr. Ajish K Abraham, All India Institute of Speech Hearing, Mysore, Karnataka, 570006	3227309
344	Engineering Sciences	Civil and Mechanical Engineering	Transition To Turbulence In Rough Couette Flows	Dr. Vagesh D Narasimhamurthy, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	2677400
345	Engineering Sciences	Civil and Mechanical Engineering	Enhancement Of Thermal Performance During Quenching Using Surface Modification	Dr. Susmita Dash, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	5287297
346	Engineering Sciences	Civil and Mechanical Engineering	Global Stability Analysis Of Flow Between Eccentric Rotating Cylinders	Dr. Vinod Narayanan, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	2110460
347	Engineering Sciences	Civil and Mechanical Engineering	Concurrent Multi-Scale Method For Micro-Crack Propagation In Polycrystalline Alloys	Dr. Pritam Chkraborty, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	2590000
348	Engineering Sciences	Civil and Mechanical Engineering	An Experimental Investigation Into Spatio-Temporal Behavior Of Unsteady Dynamics Of An Axisymmetric Backward Facing Step Flow With A Propulsive Jet	Dr. Vikramaditya Srinivas Nistala, National Aerospace Laboratories, Bangalore, Karnataka, 560037	4774150
349	Engineering Sciences	Civil and Mechanical Engineering	Experimental Investigations On Weldability Of CRNGO Electrical Steel Through Cold Metal Transfer	Dr. Nitin Kumar Lautre, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, 440010	3427050
350	Engineering Sciences	Civil and Mechanical Engineering	Photoresponsive Actuation Of Thin Polymer Films: Modeling And Experiments	Dr. V V S D Ratankumar Annabattula, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4310510

351	Engineering Sciences	Civil and Mechanical Engineering	Design And Development Of Hybrid "PCM-Synthetic Jet" Based Heat Sink For Electronic Cooling	Dr. Mihir Kumar Das, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	3830994
352	Engineering Sciences	Civil and Mechanical Engineering	Micromechanics Of Defects In Thin Elastic Structures	Dr. Anurag Gupta, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	2359500
353	Engineering Sciences	Civil and Mechanical Engineering	Attenuation Of Flowfield Unsteadiness Due To Flare Induced Shock/Boundary Layer Interaction Using Micro Vortex Generators	Dr. Ganapati Narasimha Joshi, Defence Institute of Advanced Technology, Pune, Maharashtra,	2582679
354	Engineering Sciences	Civil and Mechanical Engineering	Development Of CNT-Reinforced Alumina Composite For Wear-Resistant Applications	Dr. Mangal Roy, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1210000
355	Engineering Sciences	Civil and Mechanical Engineering	Development Of CNT-Reinforced Alumina Composite For Wear-Resistant Applications	Dr. Nilrudra Mandal, Central Mechanical Engineering Research Institute, Durgapur, West Bengal, 713209	3094362
356	Engineering Sciences	Civil and Mechanical Engineering	Investigations Of Formation Of Microwave Plasma During Drilling Of Metallic Materials Through In-Situ Monitoring	Dr. Apurba Kumar Sharma, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4120436
357	Engineering Sciences	Civil and Mechanical Engineering	Hydro-Mechanical Behavior Of Compacted Soils Under Varied Stress State And Saturation Conditions	Dr. Rajesh Sathiyamoorthy, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	3229441
358	Engineering Sciences	Civil and Mechanical Engineering	Passive Stall Control Of Turbomachinery Blades Using Leading Edge Tubercles	Dr. Abhijit Kushari, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	5042633
359	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of Low Cost Novel Absolute Encoder For Industrial Applications	Dr. Badal Chakraborty, Bidhan Chandra Krishi Viswavidyalaya, Nadia, West Bengal, 741252	2790258

360	Engineering Sciences	Electrical, Electronics & Computer Engineering	Investigations In Topological Codes, Quantum Fractal Codes And Non-Abelian Color Codes With A View To Fault Tolerant Quantum Computing	Dr. Pradeep Kiran Sarvepalli, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	2184112
361	Engineering Sciences	Electrical, Electronics & Computer Engineering	Full-Duplex Relay Selection In MIMO Cognitive Radio Networks	Dr. Anshul Tyagi, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	1967600
362	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of Low Cost Single-Phase Fault Tolerant Multilevel Inverter Topology	Dr. Shubhrata Gupta, National Institute of Technology Raipur, Raipur, Chhattisgarh, 492010	2799200
363	Engineering Sciences	Electrical, Electronics & Computer Engineering	A Multi-Modal Pre-Clinical Imaging System - Combining X-Ray, Fluorescence And Ultrasound	Dr. Ganapathy Krishnamurthy, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	5326266
364	Engineering Sciences	Electrical, Electronics & Computer Engineering	Automated Methods For Implementing Robust And Secured Biochemical-Assays With Microfluidic Lab-On-Chip	Dr. Ansuman Banerjee, Indian Statistical Institute Kolkata, Kolkata, West Bengal, 700108	1844000
365	Engineering Sciences	Electrical, Electronics & Computer Engineering	Developing Low Cost Bipolar Transistors For Analog And RF Applications In 0.18 μ m CMOS Technology	Dr. Nihar Ranjan Mohapatra, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	7997600
366	Engineering Sciences	Electrical, Electronics & Computer Engineering	Integrated Device Simulation Platform For Magnetic Random Access Memories	Dr. Bhaskaran Muralidharan, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3899800
367	Engineering Sciences	Electrical, Electronics & Computer Engineering	Imagining How A Cell Thinks: The Design Of Biochemical Circuits That Do Inference, Learning, And Control	Dr. Manoj Gopalkrishnan, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3105900
368	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development Of A Psycho-Cognitive Recommender System For Weak Learners In Flipped Learning Scenario.	Dr. Bidyut Kumar Patra, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	2083600

369	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design and Development of High-Efficient PFC Based AC-DC LED Driver For AC-Grid Fed LED Lighting System	Dr. Narasimharaju B L, National Institute of Technology Warangal, Warangal, Telangana, 506004	2753500
370	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Control Synthesis Of A Tilt-Rotor Quadcopter	Dr. Soumya Ranjan Sahoo, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	4334700
371	Engineering Sciences	Electrical, Electronics & Computer Engineering	Study Of The Effect Of Asymmetric Potential Well Structure On The Channel Conductivity Of III – V Compound Semiconductor Based Quantum Well Field Effect Transistor (QWFET)	Dr. Ajit Kumar Panda, National Institute of Science and Technology Orissa, Ganjam, Orissa, 761008	3570800
372	Engineering Sciences	Electrical, Electronics & Computer Engineering	Study For Label Free Optical Detection Of Snake Venom Protein Using Surface Plasmon Resonance Technique	Dr. Biplob Mondal, Tezpur University, Tezpur, Assam, 784028	4752100
373	Engineering Sciences	Electrical, Electronics & Computer Engineering	Acoustic Sensing Via Nitrogen-Vacancy Centers In Diamond	Dr. Kasturi Saha, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	6229080
374	Engineering Sciences	Electrical, Electronics & Computer Engineering	A Detailed Investigation on The Structural And Opto-Electrical Characteristics Of Coupled Stranski-Krastanov (S-K) - Sub Mono Layer (SML) In (Ga)As/GaAs Quantum Dot Heterostuctures And Devices	Dr. Subhananda Chakrabarti, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	7296900
375	Engineering Sciences	Electrical, Electronics & Computer Engineering	Algorithm And Service Design For Indian Regional Language CAPTCHA Challenges	Dr. Mohammad Tariq Banday, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	2875900
376	Engineering Sciences	Electrical, Electronics & Computer Engineering	Theoretical and Experimental Analysis On The Design Of Compound Reconfigurable Reflectarray Antenna With An Integrated Electronic Control System	Dr. Gulam Nabi Alsath, S S N College of Engineering, Kalpakkam, Tamil Nadu, 603110	3673602
377	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development Of High Power Density Solid State Transformer Using Direct AC To AC Power Electronic Conversion	Dr. Shabari Nath, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	3699724

378	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of MEMS-Based Piezoelectric Acoustic Sensor For Low Frequency Applications	Dr. Mahanth Prasad, Central Electronics Engineering Research Institute Pilani, Pilani, Rajasthan, 333031	4849680
379	Engineering Sciences	Electrical, Electronics & Computer Engineering	Performance Investigation Of Grid Connected Micro Multilevel Inverter Based Solar Photovoltaic System	Dr. Arvind Mittal, Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, 462051	4675000
380	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development Of Modular Multilevel Converter For Enhancing Power Quality And PV Output Power Under Partial Shading Conditions In Grid-Connected PV System	Dr. Saravana Ilango Ganesan, National Institute of Technology Tiruchirappalli, Tiruchirappalli, Tamil Nadu, 620015	4847681
381	Engineering Sciences	Electrical, Electronics & Computer Engineering	Real-Time Control And Energy Management For Seamless Operation Of DC Microgrid In Grid-Connected And Stand-Alone Modes	Dr. Gayadhar Panda, National Institute of Technology Meghalaya, Shillong, Meghalaya, 793003	4456450
382	Engineering Sciences	Electrical, Electronics & Computer Engineering	Polarization Conversion And Rotation Using Micro-Ring Resonator And Its Application To Design Binary And Multi-Valued Logic Circuits In Optical Domain.	Dr. Jayanta Kumar Rakshit, National Institute of Technology Agartala, Agartala, Tripura, 799046	2639086
383	Engineering Sciences	Electrical, Electronics & Computer Engineering	HDR-GIF And HDR Video Generation For Dynamic Scenes	Dr. Shanmuganathan Raman, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	4094200
384	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of An Image Guided Intervention System For Pedicle Screw Insertion During Spine Surgery	Dr. Anitha H, Manipal University, Manipal, Karnataka, 576104	1963600
385	Engineering Sciences	Electrical, Electronics & Computer Engineering	Rural Health Care Improvement For Early Detection Of NVD & NVE In Diabetic Retinopathy	Dr. Birendra Biswal, Gayatri Vidya Parishad College of Engineering, Vishakhapatnam, Andhra Pradesh, 530048	2173800
386	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of Renewable Energy Based DC Microgrid System For Rural Electrification	Dr. Ajeet Kumar Dhakar, Central Electronics Engineering Research Institute Pilani, Pilani, Rajasthan, 333031	4212297

387	Engineering Sciences	Electrical, Electronics & Computer Engineering	An Interdisciplinary Study In Machine Learning And Classification For Astronomy	Dr. Snehashu Saha, Pes Institute of Technology Bangalore, Bangalore, Karnataka, 560100	2543733
388	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design Of Light Weight And Cost Effective PUF-Enabled Secure Architecture For FPGA Based IoT Applications	Dr. Bibhash Sen, National Institute of Technology Durgapur, Durgapur, West Bengal, 713209	1674550
389	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development Of A Technique Based On Electrical And Acoustic Signals For Localization Of Partial Discharge In Power Transformers	Dr. Ganesh Balu Kumbhar, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	3353200
390	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development of A Dielectric Resonator Based Displacement Sensor	Dr. Praveen Kumar Av, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	2074860
391	Engineering Sciences	Electrical, Electronics & Computer Engineering	Study On Impact Of Metal Nanoparticle On Axial N-ZnO/P-CuO Heterostructure Nanowire For UV Detector Application	Dr. Jay Chandra Dhar, National Institute of Technology Nagaland, Dimapur, Nagaland, 797103	5145680
392	Engineering Sciences	Electrical, Electronics & Computer Engineering	High Speed Carrier And Photon Dynamics In GaN Nano-Structure LEDs And Lasers And Resulting Effect In High Frequency Performance	Dr. Dipankar Saha, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	7940000
393	Engineering Sciences	Electrical, Electronics & Computer Engineering	Fabrication Of Infrared Photo-Detector Based On 2D Systems And Tuning The Detection Window By Coupling With Nanostructures	Dr. Achintya Singha, Bose Institute, Kolkata, West Bengal, 700009	5033714
394	Engineering Sciences	Electrical, Electronics & Computer Engineering	Fabrication Of Infrared Photo-Detector Based On 2D Systems And Tuning The Detection Window By Coupling With Nanostructures	Dr. Kaustuv Das, Jadavpur University, Kolkata, West Bengal, 700032	1485000
395	Engineering Sciences	Electrical, Electronics & Computer Engineering	Energy Harvesting Smart Windows Using High Contrast Grating Based Planar Concentrators For Building Integrated Photovoltaics	Dr. Bala Pesala, Central Electronics Engineering Research Institute Pilani, Pilani, Rajasthan, 333031	7748350

396	Engineering Sciences	Electrical, Electronics & Computer Engineering	Content Caching And Delivery Over Wireless Networks	Dr. Nikhil Karamchandani, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	2067968
397	Engineering Sciences	Electrical, Electronics & Computer Engineering	High Performance Low Voltage Flexible Organic Field-Effect Transistors For Circuit And Sensing Applications	Dr. Shree Prakash Tiwari, Indian Institute of Technology Jodhpur, Jodhpur, Rajasthan, 342011	5170000
398	Engineering Sciences	Electrical, Electronics & Computer Engineering	Development Of Ultraviolet PIN Photodetectors By Molecular Beam Epitaxy For Solar Blind Focal Plane Arrays	Dr. Anirban Bhattacharyya, University of Calcutta, Kolkata, West Bengal, 700073	6391763
399	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of Distributed Energy Resources Assisted Highly Efficient And Reliable Power Electronic Transformer For Off-Grid Rural Electrification	Dr. Pradyumn Chaturvedi, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, 440010	6276774
400	Engineering Sciences	Electrical, Electronics & Computer Engineering	Topological Development of A Single-Stage, High-Frequency Isolated, Modular PV Inverter With AC-Coupled Battery Integrated Operation For 1kW Solar Roof-Top Application.	Dr. Souvik Chattopadhyay, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	4419603
401	Engineering Sciences	Electrical, Electronics & Computer Engineering	High Efficiency GaN Based LEDs Using Dot In A Wire With Increased Quantum Confinement And Large Internal/External Quantum Efficiency	Dr. Swaroop Ganguly, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	7955800
402	Engineering Sciences	Electrical, Electronics & Computer Engineering	Dynamic Game Theoretical Methods In The Control Of Multi-Agent Systems With Inequality Constraints	Dr. Puduru Viswandha Reddy, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	2193620
403	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of Programmable Forwarding Plane For "Protocol As A Service" In Software Defined Networks	Dr. Subrat Kar, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	1999195
404	Engineering Sciences	Electrical, Electronics & Computer Engineering	Prototype Design And Field Testing Of An Elephant Early Warning System	Dr. Sanjoy Deb, Bannari Amman Institute of Technology, Erode, Tamil Nadu, 638401	983217

405	Engineering Sciences	Electrical, Electronics & Computer Engineering	Early Detection Of Oral Cancer Using Digital Infrared Thermal Imaging	Dr. Sudipta Mukhopadhyay, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	3856612
406	Engineering Sciences	Electrical, Electronics & Computer Engineering	Early Detection Of Oral Cancer Using Digital Infrared Thermal Imaging	Dr. Saurav Sarkar, All India Institute of Medical Sciences, Bhubaneswar, Bhubaneswar, Orissa,	1578720
407	Engineering Sciences	Electrical, Electronics & Computer Engineering	Investigation On Data-Driven Event Detection Using Indian Power Grid's Synchrophasor Data.	Dr. Diptendu Sinha Roy, National Institute of Technology Meghalaya, Shillong, Meghalaya, 793003	1941060
408	Engineering Sciences	Electrical, Electronics & Computer Engineering	Computational Problems And Cellular Automata	Dr. Sukanta Das, Indian Institute of Engineering Science and Technology (IIST), Howrah, West Bengal, 711103	1776379
409	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design And Development Of High Gain Reconfigurable Wideband Printed Antennas	Dr. Rashmi Abhay Pandhare, Bajaj Institute of Technology Maharashtra, Wardha, Maharashtra, 442001	3442500
410	Engineering Sciences	Electrical, Electronics & Computer Engineering	Morphological And Neurobiological Changes In Spinocerebellar Ataxia Affected Patients (SCA) Through MRI Techniques Using Computer Vision Based Analysis	Dr. Mahua Bhattacharya, Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior, Madhya Pradesh, 474015	4421120
411	Engineering Sciences	Electrical, Electronics & Computer Engineering	Morphological And Neurobiological Changes In Spinocerebellar Ataxia Affected Patients (SCA) Through MRI Techniques Using Computer Vision Based Analysis	Dr. S Senthilkumaran, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	2101440
412	Engineering Sciences	Electrical, Electronics & Computer Engineering	Monolithic Microwave High Power Phase Shifter & Filter	Dr. Bijoy Kumar Kuanr, Jawaharlal Nehru University, New Delhi, Delhi, 110067	7990000
413	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design Of Energy Efficient Computing Systems For Mobile Vision Applications	Dr. Smruti Ranjan Sarangi, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	3872801

414	Engineering Sciences	Electrical, Electronics & Computer Engineering	Smart Dynamic Energy Management For The Built Environment With Integrated Renewable Energy	Dr. Mohammad Rizwan, Delhi Technological University, New Delhi, Delhi, 110042	3106455
415	Engineering Sciences	Electrical, Electronics & Computer Engineering	Realization And Implementation Of Wide-Area Disturbance Monitoring And Protection Methodology For Future Grids Using PMUs	Dr. Mjaya Bharata Reddy, National Institute of Technology Tiruchirappalli, Tiruchirappalli, Tamil Nadu, 620015	3156780
416	Engineering Sciences	Electrical, Electronics & Computer Engineering	Compressed Sensing-Based Affordable Ultrasound Scanner Platform	Dr. Arun Kumar Thittai, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3028696
417	Engineering Sciences	Electrical, Electronics & Computer Engineering	Precise And Scalable Pointer Analysis	Dr. Uday Prabhakar Khedker, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	1042800
418	Engineering Sciences	Electrical, Electronics & Computer Engineering	Synchronization In Complex Interconnected Network Of A Class Of Systems Using Contraction Theory	Dr. Bharat Bhushan Sharma, National Institute of Technology Hamirpur, Hamirpur, Himachal Pradesh, 177005	1891802
419	Engineering Sciences	Electrical, Electronics & Computer Engineering	Electrical Treeing In Nanodielectrics	Dr. Nandini Gupta, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	4751065
420	Engineering Sciences	Electrical, Electronics & Computer Engineering	Seamless Transition of Interconnected and Islanded Operation Of Dc Microgrid Using Hybrid PV Fuel Cell System	Dr. Kanchapogu Vaisakh, Andhra University College of Engineering, Vishakhapatnam, Andhra Pradesh,	3187800
421	Engineering Sciences	Electrical, Electronics & Computer Engineering	An Intelligent System For Retinopathy Of Prematurity (ROP) Screening And Diagnosis	Dr. Sreelekha G, National Institute of Technology Calicut, Calicut, Kerala, 673600	3090252
422	Engineering Sciences	Electrical, Electronics & Computer Engineering	Design Of Hearables With Psychoacoustic Integration	Dr. Nithin V George, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	3688696

423	Engineering Sciences	Electrical, Electronics & Computer Engineering	Capacitive Micro-Machined Ultrasonic Transducer (CMUT) For Medical Imaging And Under Water Communication	Dr. Brishbhan Singh Panwar, Sharda University, Greater Noida, Uttar Pradesh,	3633696
424	Engineering Sciences	Electrical, Electronics & Computer Engineering	Deep Learning Methods For Improving Low-Dose Computed Tomography Perfusion Imaging	Dr. Phaneendra Kumar Yalavarth, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3578696
425	Engineering Sciences	Electrical, Electronics & Computer Engineering	Microarchitectural Techniques To Design A Secure Processor	Dr. Nanditha Rao, International Institute of Information Technology Bangalore, Bangalore, Karnataka,	2878914
426	Engineering Sciences	Electrical, Electronics & Computer Engineering	Topological Data Analysis: Tools For Multivariate	Dr. Amit Chattopadhyay, International Institute of Information Technology Bangalore, Bangalore, Karnataka,	2664640
427	Engineering Sciences	Materials, Mining & Minerals Engineering	Influence Of Polymer Dosage And Nature Of Bitumen On The Microstructural And Rheological Characteristics Of Polymer Modified Binders	Dr. Neethu Roy, Mar Baselios College of Engineering and Technology, Thiruvananthapuram, Kerala, 695015	2018500
428	Engineering Sciences	Materials, Mining & Minerals Engineering	Influence Of Polymer Dosage And Nature Of Bitumen On The Microstructural And Rheological Characteristics Of Polymer Modified Binders	Dr. Murali Krishnan, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	781000
429	Engineering Sciences	Materials, Mining & Minerals Engineering	Designed Synthesis Of Ultra-Bright Water Soluble Conjugate Polymers To Explore Its Colorimetric, Fluorescent And Photothermal Sensing Property	Dr. Pranesh Chowdhury, Visva Bharati University, Shanti Niketan, West Bengal, 731235	2889370
430	Engineering Sciences	Materials, Mining & Minerals Engineering	High Entropy Alloy Nanoparticles And Coatings	Dr. Chandan Srivastava, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2310000
431	Engineering Sciences	Materials, Mining & Minerals Engineering	Unassisted Solar Water Splitting Using Nanostructured N-BiVO ₄ And P-Cu ₂ O Tandem Cell For Hydrogen Production	Dr. Raja Sellappan, Vit University, Vellore, Tamil Nadu, 632014	2635600

432	Engineering Sciences	Materials, Mining & Minerals Engineering	Influence Of Process Conditions On The Magnetoelectric Response In Physical Vapour (PVD) Deposited Bilayer Ferrimagnet/Ferroelectric Multiferroic Composite System	Dr. N Venkataramani, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4672800
433	Engineering Sciences	Materials, Mining & Minerals Engineering	Development And In-Vitro Characterization Of Magnesium Alloys For Biocompatible And Biodegradable Implant Applications	Dr. Srinivasan Amirthalingam, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	4238455
434	Engineering Sciences	Materials, Mining & Minerals Engineering	High-Entropy Nano-Eutectic Composites: Development Of A New Class Of High Strength Structural Alloys	Dr. Jayanta Das, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	4872072
435	Engineering Sciences	Materials, Mining & Minerals Engineering	Development Of Simulation Tools And Experimental Validation For Investigating The Application Of Al 7xxx (7050 Base Alloy) In Aerospace And Automotive Sector	Dr. Manas Paliwal, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	6302670
436	Engineering Sciences	Materials, Mining & Minerals Engineering	Nanostructured Silicon-Carbon Hybrid Anodes With High Rate Capability And Cyclic Stability For Lithium Ion Batteries	Dr. Shantanu K Behera, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	7904600
437	Engineering Sciences	Materials, Mining & Minerals Engineering	Development And Evaluation Of Cellulose Based Hydrogels For The Repair Of Articular Cartilage Defects In Animal Models	Dr. I Manjubala, Vit University, Vellore, Tamil Nadu, 632014	3544200
438	Engineering Sciences	Materials, Mining & Minerals Engineering	Understanding The Mica-Based Machinable Glass Ceramics Systems From An Unprecedented Perspective Of Processing-Microstructure-Property Correlation Using Novel Heat Treatment Techniques, Advanced Microstructural And Crystallographic Orientation Characteriz	Dr. Shibayan Roy, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	7131960
439	Engineering Sciences	Materials, Mining & Minerals Engineering	Development Of Interface Layer Of Perovskite Solar Cells In View Of Silicon-Perovskite Tandem Solar Cell Fabrication	Dr. Jai Prakash Tiwari, National Physical Laboratory, New Delhi, Delhi, 110012	4133376

440	Engineering Sciences	Materials, Mining & Minerals Engineering	Up Gradation Of Indian Iron Ore Fines (-1 Mm + 45 Mm), Slimes, Low Grade Ores And Tailings By Teeter Bed Separator.	Dr. Satyabrata Mohanta, Indira Gandhi Institute of Technology, Dhenkanal, Orissa, 759146	2679600
441	Engineering Sciences	Materials, Mining & Minerals Engineering	Design And Development Of 2D/3D Self Assembled Antibacterial Nanofibrous Structures From Regenerated Nonmulberry Silk Fibroins And Its Blends For Medical Textiles Application	Dr. Roli Purwar, Delhi Technological University, New Delhi, Delhi, 110042	2658480
442	Engineering Sciences	Materials, Mining & Minerals Engineering	A Disposable Chip Integrated With Au-/Fe ₂ O ₃ -Graphene Based Sensing-Electrode And A Handheld Device For Enzyme-Free Electrochemical Analysis Of Blood Creatinine And Urea In Point-Of-Care Settings	Dr. Nripen Chanda, Central Mechanical Engineering Research Institute, Durgapur, West Bengal, 713209	3101760
443	Engineering Sciences	Materials, Mining & Minerals Engineering	Development Of Tough Biomimetic Alumina Zirconia Composite Inspired By Abalone Nacre Architecture	Dr. Arindam Paul, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	5995627
444	Engineering Sciences	Materials, Mining & Minerals Engineering	Defining The Stability Of Retained Austenite In Steel	Dr. Sourav Das, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4468068
445	Engineering Sciences	Materials, Mining & Minerals Engineering	Tetravalent Metal Pyrophosphate-Alkali Carbonate Composite Electrolytes For Fuel Cells Operating In Intermediate-Temperature Range	Dr. Bhupendra Singh, Advanced Materials and Processes Research Institute, Bhopal, Madhya Pradesh, 462026	5853600
446	Engineering Sciences	Materials, Mining & Minerals Engineering	Strain, Microstructure And Defect Induced Effects On Ferroic Domains Of Morphotropic Phase Compositions In Lead Free Ferroelectric Thin Films	Dr. Ranjith Ramadurai, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	5922400
447	Engineering Sciences	Materials, Mining & Minerals Engineering	Development Of Amorphous Metal Oxy-Nitride Semiconductors For TFTs	Dr. Anshu Gaur, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	6208400
448	Engineering Sciences	Materials, Mining & Minerals Engineering	Role Of Short Range Ordering In Designing High Entropy Alloys	Dr. Vikash Kumar Dubey, Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh, 221005	4136000

449	Engineering Sciences	Materials, Mining & Minerals Engineering	Heat Transfer And Material Flow Modeling Of Additive Manufacturing Of Dissimilar Materials	Dr. Amit Arora, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	3102000
450	Engineering Sciences	Materials, Mining & Minerals Engineering	Mechanism Of Phase Formation During Electrochemical Deposition Of Si From Ionic Liquid Bath	Dr. Indrajit Mukhopadhyay, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat,	4930992
451	Engineering Sciences	Materials, Mining & Minerals Engineering	Design And Engineering Of Biomimetic Nanofibrous Scaffolds For Bone Tissue Engineering	Dr. Anand Prakash Khandwekar, Ajeenkya D Y Patil University, Pune, Maharashtra, 4120105	3550800
452	Engineering Sciences	Materials, Mining & Minerals Engineering	Effect Of Laser Shock Peening On The Fatigue Behaviour Of Nitinol Shape Memory Alloy	Dr. Srikant Gollapudi, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	3542000
453	Engineering Sciences	Materials, Mining & Minerals Engineering	Bacterial Cellulose Derived Tunable Nanostructured Carbon As High Performance Anode For Lithium Ion Battery	Dr. Mudrika Khandelwal, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	4919118
454	Engineering Sciences	Materials, Mining & Minerals Engineering	Interdiffusion And Corrosion Studies In The Fe/Al Based Systems Related To Aluminide Coatings On Steel	Dr. Varun Arvind Baheti, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	4522650
455	Engineering Sciences	Materials, Mining & Minerals Engineering	Nanopatterned Bioactive Functionally Graded Porous Ti Spinal Fusion Device With Antibacterial Activity And Cell Compatibility Fabricated By 3 D Metal Printer	Dr. Deepak Kumar Pattanayak, Central Electro Chemical Research Institute, Karaikudi, Tamil Nadu, 630006	4004273
456	Engineering Sciences	Materials, Mining & Minerals Engineering	Tailoring The Ordered Fe-Al Or B2 Precipitate In Low-Density Steel For Strengthening	Dr. Sadhan Ghosh, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	2721400
457	Engineering Sciences	Materials, Mining & Minerals Engineering	Effect Of Thermomechanical Processing On Microstructure And Mechanical Properties Of Co-Cr-Cu-Fe-Ni-Si Based Eutectic High Entropy Alloys.	Dr. Manoj Kumar Chopkar, National Institute of Technology Raipur, Raipur, Chhattisgarh, 492010	3063500

458	Engineering Sciences	Materials, Mining & Minerals Engineering	Physical And Mathematical Modeling Of Centrifugal Atomization Process For Powder Production	Dr. Sabita Sarkar, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	4243167
459	Engineering Sciences	Materials, Mining & Minerals Engineering	Whole Body Vibration Exposure On HEMM Operators In Surface Coal Mines – An Assessment Of Various Contributing Factors	Dr. Sanjay Kumar Palei, Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh, 221005	4003762
460	Engineering Sciences	Materials, Mining & Minerals Engineering	Oxide Non-Oxide Composite Refractory For High Temperature Applications Utilising Indigenous Raw Materials	Dr. Himansu Sekhar Tripathi, Central Glass & Ceramic Research Institute, Kolkata, West Bengal,	4561920
461	Life Sciences	Animal Sciences	Efficacy And Toxicity Evaluation Of New Pancreatic Lipase Inhibitors Identified By High Throughput Screening Targeted To Obesity And Co-Morbid Disorders.	Dr. Bondili Jayakumar Singh, K L University, Vijayawada, Andhra Pradesh, 522502	3765200
462	Life Sciences	Animal Sciences	Regulation Of Damage-Induced Cellular Plasticity In The Lung	Dr. Arjun Guha, Institute for Stem Cell Biology & Regenerative Medicine, Bangalore, Karnataka, 560065	4445800
463	Life Sciences	Animal Sciences	A Multitarget Approach To Suppress Obesity Through A Novel Herbal Formulation Made Of Diallyl Sulphide: In-Vitro And In-Vivo Study.	Dr. Meriga Balaji, Sri Venkateswara University, Tirupati, Andhra Pradesh, 517502	4841800
464	Life Sciences	Animal Sciences	Castrating Parasites Of Fin And Shell Fishes Of Bay Of Bengal: Epidemiology, Morbidity And Effect On Host Fecundity	Dr. Ayyaru Gopalakrishnan, Annamalai University, Annamalainagar, Tamil Nadu, 608502	3167500
465	Life Sciences	Animal Sciences	Molecular Adaptation During Exposure To Zinc Oxide And Titanium Dioxide Nanoparticles With Special Reference To Oxidative Stress, Nitric Oxide Production, And Expression Of Heat Shock Proteins In Air-Breathing Catfish, Clarias Batrachus	Dr. Nirmalendu Saha, North Eastern Hill University, Shillong, Meghalaya, 793022	7727200

466	Life Sciences	Animal Sciences	Title: Forensic Anthropological Provenancing Of Human Skeletal Remains Excavated From A Well At Ajnala (Amritsar): Bones, Teeth And Personal Artefacts As Identity Signatures	Dr. Jagmahender Singh, Panjab University, Chandigarh, Chandigarh, 160014	3058000
467	Life Sciences	Animal Sciences	Host-Parasitoid Coevolution: The Role Of Parasitoid Adaptation To Endosymbiont-Mediated Defenses	Dr. John Samuel Kennedy, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	4258000
468	Life Sciences	Animal Sciences	Role Of Kisspeptin In The Development Of Ovarian Follicles In Sheep	Dr. Avadhanam Venkatanaga Sivakumar, Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh, 517502	3382600
469	Life Sciences	Animal Sciences	Studies On The Occurrence, Distribution And Composition Of Microplastics Along The Kerala Coast With Emphasis On Their Manifestation In Food Chain Of Nearshore Communities	Dr. Ranjeet K, Kerala University of Fisheries and Ocean Studies, Kochi, Kerala, 682506	3980000
470	Life Sciences	Animal Sciences	Quantitative Modeling Of The Hyper-Benthic Zooplankton Food Web Of The Hooghly Estuary	Dr. Sourav Paul, University of Calcutta, Kolkata, West Bengal, 700073	2976000
471	Life Sciences	Animal Sciences	MCM3AP: A Novel S Phases Replication Checkpoint Protein And Its Relation To Fanconi Anemia Protein.	Dr. Sudit S Mukhopadhyay, National Institute of Technology Durgapur, Durgapur, West Bengal, 713209	4216200
472	Life Sciences	Animal Sciences	To Investigate The Mechanisms Regulating The Enigmatic Oxacillin Susceptible MecA Positive Phenotype In The Clinical Isolates Of Staphylococcus Aureus.	Dr. Vasundhra Bhandari, National Institute of Animal Biotechnology, Hyderabad, Telangana, 500049	4974800
473	Life Sciences	Animal Sciences	Identification Of Sex-Determining Signal(S) And Sexual Differentiation Factors In The Red Flour Beetle, Tribolium Castaneum	Dr. Jayendra Nath Shukla, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	4985600
474	Life Sciences	Animal Sciences	A Holistic Study On Comparative Nematode Diversity In Natural And Disturbed Habitats	Dr. Qudsia Tahseen, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	7862200

475	Life Sciences	Animal Sciences	Assessment Of Population Status, Distribution And Movement Patterns Of The Threatened Great Indian Bustard (<i>Ardeotis Nigriceps</i>) In The Thar Desert Of Rajasthan, India	Dr. Hem Singh Gehlot, Jai Narain Vyas University, Jodhpur, Rajasthan, 342001	2614800
476	Life Sciences	Animal Sciences	Identification And Molecular Characterization Of Honeybee Diseases In Jammu And Kashmir	Dr. Devinder Sharma, Sher-E-Kashmir University of Agricultural Sciences and Technology Jammu, Jammu, Jammu And Kashmir, 180009	3116200
477	Life Sciences	Animal Sciences	Genetic Characterization Of Indigenous Ducks And Study Of Its Innate Immunity Particularly Against Avian Influenza	Dr. Aruna Pal, West Bengal University of Animal and Fishery Science, Kolkata, West Bengal, 700037	4708000
478	Life Sciences	Animal Sciences	Study On Diagnosis And Prognosis Of Bacterial Respiratory Disease In Buffalo Calves	Dr. Vaikuntarao Velamala, Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh, 517502	2649600
479	Life Sciences	Animal Sciences	Effect of Candidate Genes on Milk Production Traits in Gaolao Cattle	Dr. Deepak Sukhdeo Kale, Maharashtra Animal & Fishery Sciences University, Nagpur, Maharashtra, 440006	4602200
480	Life Sciences	Animal Sciences	Transcriptome Profiling Of Local Kashmiri Vs Commercial Poultry For Disease Resistance Against Salmonellosis	Dr. Mudasir Syed, Sher E Kashmir University of Agricultural Sciences & Technology Kashmir, Srinagar, Jammu And Kashmir, 191121	6019200
481	Life Sciences	Animal Sciences	Gut Microbiome Studies In Diabetic Retinopathy Patients And Rats	Dr. Taraprasad Das, Hyderabad Eye Research Foundation, Hyderabad, Telangana, 500034	5392000
482	Life Sciences	Animal Sciences	Implication Of Mitochondrial SIRT3 In The Pathogenesis Of An Excitotoxic Brain Disorder	Dr. Surendra Kumar Trigun, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	5238600

483	Life Sciences	Animal Sciences	Characterization Of Novel Variant Human Embryonic Stem Cells With Features Of Neoplastic Progression	Dr. Shravanti Rampalli Deshpande, Institute for Stem Cell Biology & Regenerative Medicine, Bangalore, Karnataka, 560065	6801840
484	Life Sciences	Animal Sciences	Characterization Of Complete Mitochondrial Genome Sequence Of Superfamily Noctuoidea (Insecta: Lepidoptera) Moths And Its Deep Level Phylogenetic Evolutionary Relationships	Dr. Sivasankaran Kuppusamy, Loyola College, Chennai, Tamil Nadu, 600034	3971400
485	Life Sciences	Animal Sciences	Role Of Alpha-Synuclein Phosphorylation In Dopaminergic Neuron Dysfunction	Dr. Indrani Datta, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	7334800
486	Life Sciences	Animal Sciences	Role and Functional Association Of CART In The Stress Physiology Of Anurans.	Dr. Shobha Yash Bhargava, Savitribai Phule Pune University, Pune, Maharashtra, 411007	5413200
487	Life Sciences	Animal Sciences	Nitrated-Fatty Acids As Anti-Oxidant And Anti-Inflammatory Therapy For Acute Lung Injury	Dr. Venkata Ramireddy Narala, Yogi Vemana University, Kadapa, Andhra Pradesh, 516216	5392000
488	Life Sciences	Animal Sciences	Cultured Allogenic Mesenchymal Stem Cell Application In Selected Veterinary Clinical Disorders Vis-À-Vis Preclinical Studies In Artificially Induced Lab Animal Models	Dr. Mudasir Bashir Gugjoo, Sher E Kashmir University of Agricultural Sciences & Technology Kashmir, Srinagar, Jammu And Kashmir, 191121	4810200
489	Life Sciences	Animal Sciences	Role Of Astrocytes In Neuronal Formation And Maturation In Syngap1 Heterozygous Mutation	Dr. Narendrakumar Ramanan, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2765000
490	Life Sciences	Animal Sciences	Evaluation Of A Novel Therapy For Polycystic Ovary Syndrome In A Rat Model	Dr. Sunita Shailajan, Ramnarain Ruia College, Mumbai, Maharashtra, 400019	4200000

491	Life Sciences	Animal Sciences	Investigating Mechanical Tension In Neuronal Axons: Quantitative Evaluation And Cytoskeleton Origins	Dr. Aurnab Ghose, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	7591800
492	Life Sciences	Animal Sciences	Role Of Astrocytes In Neuronal Formation And Maturation In Syngap1 Heterozygous Mutation	Dr. James Pc Chelliah, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Karnataka, 560064	3632000
493	Life Sciences	Animal Sciences	To Decipher The Role Of RHOG In The Endometrial Receptivity For Blastocyst Adhesion And Invasion Process.	Dr. Rajesh Kumar Jha, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	4479000
494	Life Sciences	Animal Sciences	Molecular Signaling During Thymus Involution And Its Application For The Prevention Of Age Associated Diseases And Cancer	Dr. Dakshayani Lomada, Yogi Vemana University, Kadapa, Andhra Pradesh, 516216	4217000
495	Life Sciences	Animal Sciences	Sustainable Management Of Invasive Plants Using Native Insect Herbivores In Kashmir Himalaya	Dr. Tariq Ahmad, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	4949856
496	Life Sciences	Animal Sciences	Immunostimulant Non-Specific Immune Response And Growth Of Mugil Cephalus Challenged With Bacterial Pathogen	Dr. Balaraman Deivasigamani, Annamalai University, Annamalainagar, Tamil Nadu, 608502	3138200
497	Life Sciences	Animal Sciences	Role Of Topoisomerase VI In The Biology Of Malaria Parasite	Dr. Sunanda Bhattacharyya, University of Hyderabad, Hyderabad, Telangana, 500046	6547200
498	Life Sciences	Animal Sciences	Analysis Of Host Responses To Foot-And-Mouth Disease Virus Infection In Indigenous And Crossbred Cattle By Transcriptome Profiling	Dr. Suresh H Basagoudanavar, Indian Veterinary Research Institute Bangalore, Bangalore, Karnataka, 560024	4708400
499	Life Sciences	Animal Sciences	A Zebrafish Model For VHL And Hypoxia Signaling In Tumorigenesis	Dr. Kirankumar Santhakumar, SRM University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	4504600
500	Life Sciences	Animal Sciences	Studying Molecular Mechanisms Underlying The Regulation Of Pluripotency By Transcription Factor Zfp219	Dr. Chandrashekar P, Centre for Cellular and Molecular Biology, Hyderabad, Telangana, 500007	5762600

501	Life Sciences	Animal Sciences	Molecular Characterization Of Genes/Factors Promoting Testis Growth And Sperm Maturation Using Teleost Fish Models	Dr. Balasubramanian Senthilkumaran, University of Hyderabad, Hyderabad, Telangana, 500046	7789800
502	Life Sciences	Animal Sciences	Generation Of Promiscuous Peptides Entrapped Nanoparticles Displaying TLR-2 Ligand To Impart Protective Immunity Against Mycobacterium Tuberculosis	Dr. Javed Naim Agrewala, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	6226600
503	Life Sciences	Animal Sciences	Biogeography, Systematics And Molecular Characterization Of White Grub Fauna (Coleoptera: Scarabaeidae) Of South India	Dr. Sreedevi Kolla, National Bureau of Agricultural Insect Resources, Bangalore, Karnataka, 560024	3331800
504	Life Sciences	Animal Sciences	Role Of Wnt-Signaling (Canonical/Non-Canonical) In A. Hydrophila-Induced Apoptosis Of Fish Macrophages	Dr. Shibnath Mazumdar, University of Delhi, Delhi, Delhi, 110007	3731520
505	Life Sciences	Animal Sciences	Understanding The Mechanism For Onset Of Reproductive Activity In Seasonally Breeding Reptile Hemidactylus Flaviviridis: An Emphasis On The Role Of The Kisspeptin System	Dr. Sunil Kumar, Zakir Hussain Delhi College (Delhi University), Delhi, Delhi, 110002	3305000
506	Life Sciences	Animal Sciences	Determining The Effects Of Socio-Ecological Forces Shaping Striped Hyaena (Hyaena Hyaena) Population In The Western Ghats Part Of Tamil Nadu, Southern India	Dr. Ramesh Tharmalingam, Salim Ali Centre For Ornithology & Natural History, Coimbatore, Tamil Nadu, 641010	4710960
507	Life Sciences	Animal Sciences	A Role For DNA Methylation In Mild Traumatic Brain Injury (MTBI)-Induced Mitochondrial Dysfunction In Hippocampus	Dr. Amul J Sakharkar, Savitribai Phule Pune University, Pune, Maharashtra, 411007	6470000
508	Life Sciences	Animal Sciences	Signaling Mechanism In The Tri-Trophic Interaction Between Brasicacious Plants Their Insect Pest And Parasitoid Of The Pest	Dr. N Bakthavatsalam, National Bureau of Agricultural Insect Resources, Bangalore, Karnataka, 560024	3311800
509	Life Sciences	Animal Sciences	TARDICODE Project: Isolation, Morphometrics And DNA Barcoding Of Tardigrades (Water Bears) In The Northwest Region Of India	Dr. Gaurav Mugdal, Chandigarh University, Mohali, Punjab, 140413	4355120

510	Life Sciences	Animal Sciences	Studies On The Impacts Of Coral-Competing Sponges On Coral Community Structure And Associated Biodiversity In The Reef Areas Of Gulf Of Mannar, Southeastern India	Dr. K Diraviya Raj, Suganthi Devadasaon Marine Research Institute, Tuticorin, Tamil Nadu, 628001	2732880
511	Life Sciences	Animal Sciences	Spatial, Temporal And Host Mediated Effects On Sex Pheromone Communication In A Specialist Herbivore Maruca Vitrata Fabricius (Lepidoptera: Crambidae)	Dr. Rajabaskar Dheivasigamani, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	4195600
512	Life Sciences	Animal Sciences	Signaling Mechanism In The Tri-Trophic Interaction Between Brasicacious Plants Their Insect Pest And Parasitoid Of The Pest	Dr. Archana Kumar, Amity University Noida, Noida, Uttar Pradesh,	1839200
513	Life Sciences	Animal Sciences	Molecular, Structural And Functional Mapping Of Eye Regeneration Using Novel Light Sensing Assays	Dr. Akash Gulyani, Institute for Stem Cell Biology & Regenerative Medicine, Bangalore, Karnataka, 560065	7029504
514	Life Sciences	Animal Sciences	Diversity Pattern, Range Size Distribution And Trait Composition Of Butterflies Along Elevation Gradients In The Sikkim Himalaya	Dr. Bhoj Kumar Acharya, Sikkim University, Gangtok, Sikkim, 737102	3284100
515	Life Sciences	Animal Sciences	Understanding The Epigenetics Of Host Pathogen Interaction During Bovine Theileriosis	Dr. Paresh Sharma, National Institute of Animal Biotechnology, Hyderabad, Telangana, 500049	6373800
516	Life Sciences	Animal Sciences	Taxonomic Studies On Family Nolidae (Lepidoptera) From North East India	Dr. Rahul Joshi, Zoological Survey of India, Patna, Patna, Bihar, 800026	2363760
517	Life Sciences	Animal Sciences	Mechanism of Telomerase Regulation In Response of Arsenic In Liver Cancer	Dr. Rizwanul Haque, Central University of Bihar, Patna, Bihar, 800014	3159200
518	Life Sciences	Animal Sciences	Population Dynamics Of Introduced Cyprinus Carpio In Dal Lake And Its Impact On Lake Ecosystem And Local Schizothorax Species	Dr. Yahya Bakhtiyar, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	3406200
519	Life Sciences	Animal Sciences	Behaviour And Reproductive Success Of Male Asian Elephants In The Kabini Elephant Population, Southern India	Dr. T N C Vidya, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Karnataka, 560064	4955112

520	Life Sciences	Animal Sciences	Role And Mechanism Of The PARP1-ATR-Chk1 Signaling Axis In Modulating Ligand-Induced NF-KB Transactivation By Arsenic In Microglia	Dr. Debabrata Ghosh, Indian Institute of Toxicology Research, Lucknow, Uttar Pradesh, 226001	3588200
521	Life Sciences	Animal Sciences	Biosystematic Studies On The Eulophid (Hymenoptera: Chalcidoidea) Parasitoids Of Southern Western Ghats	Dr. Santhosh Shreevihar, Malabar Christian College, Kozikode, Kerala, 673001	5494760
522	Life Sciences	Animal Sciences	Decision Making In The Context Of Relocation In An Indian Ant: Small Brains And Big Feats?	Dr. Sumana Annagiri, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4387800
523	Life Sciences	Animal Sciences	Investigation on Environmentally Safe Antifouling Metabolites from Mangroves As A Source To Control Biofoulers	Dr. Grasian Immanuel, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, 629502	4577600
524	Life Sciences	Animal Sciences	Understanding The Epigenetic Methylation And MiRNA Mediated Gene Regulation Of Transcellular Calcium Transport Genes In Avian Uterus During Egg Calcification	Dr. Chandan Paswan, Directorate of Poultury Research, Hyderabad, TELANGANA, 500030	4482800
525	Life Sciences	Animal Sciences	Exploring The Effects Of Polyamine And Associated Metabolic Regulation Of Hypothalamic GnRH-GnIH Synthesis And Release During Ageing In BALB/CJ Mice	Dr. Arnab Banerjee, Birla Institute of Technology and Science Pilani-Goa, Zuarinagar, Goa, 403726	3435200
526	Life Sciences	Animal Sciences	Isolation And Use Of Phytochemicals From Mucuna Pruriens And Asparagus Racemosus For Production Of High-Yielding Monosex Nile Tilapia: A Mechanistic Study	Dr. Suman Bhusan, University of Calcutta, Kolkata, West Bengal, 700073	2910800
527	Life Sciences	Animal Sciences	Bridging Gaps In Effectiveness Of Antivenom And Accessibility Of Snake Bite Treatment In India	Dr. Karthikeyan Vasudevan, Centre for Cellular and Molecular Biology, Hyderabad, TELANGANA, 500007	4229800
528	Life Sciences	Animal Sciences	Spatial Ecology And Ecosystem Services Of Striped Hyena In Relation To Land Use Pattern In Rajasthan, India	Dr. Randeep Singh, Amity University Noida, Noida, Uttar Pradesh, 201303	2636200

529	Life Sciences	Animal Sciences	Immuno-Epidemiological Characterization Of Pigs As An Amplifying Host Of Japanese Encephalitis	Dr. Jagadish Hiremath, National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore, Karnataka, 560064	4055400
530	Life Sciences	Animal Sciences	Injury Induced Tbx20 Function In Promoting Cardiomyocyte Differentiation From Epicardium-Derived Cells	Dr. Santanu Chakraborty, Presidency University, Kolkata, West Bengal, 700073	4126440
531	Life Sciences	Animal Sciences	Ecology, Distribution And Phylogeny Of Takydromus Sikkimensis (Günther, 1888) (Squamata: Lacertidae) In The North East India	Dr. Basundhara Chettri, Sikkim University, Gangtok, Sikkim, 737102	3338600
532	Life Sciences	Animal Sciences	Molecular Phylogeny Of Longhorn Beetles From Northeast India Inferred By Complete Mitochondrial Genome Using Nanopore Sequencing	Dr. Gurusubramanian Guruswami, Mizoram University, Aizwal, Mizoram, 796004	5366600
533	Life Sciences	Animal Sciences	MicroRNA-Mediated Gene Regulation Of Anopheles Mosquito Immunity During Early Phase Of Malarial Parasite Transmission	Dr. Kota Arun Kumar, University of Hyderabad, Hyderabad, TELANGANA, 500046	1555000
534	Life Sciences	Animal Sciences	Home Range and Habitat Use of Indian Eagle Owl (Bubo Bengalensis FRANKLIN, 1831) – A Potential Predator of Rodent and Insect Pests	Dr. Periyasamy Neelananarayanan, Nehru Memorial College, Tiruchirappalli, Tamil Nadu, 621007	3700600
535	Life Sciences	Animal Sciences	Understanding Impacts of Grazing Animals On Ecosystems: Carbon Storage And Soil Microbial Functions)	Dr. Sumanta Bagchi, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4424800
536	Life Sciences	Animal Sciences	Role Of Dcp2 In Drosophila Development And Tumorigenesis	Dr. Jagat Kumar Roy, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	7878600
537	Life Sciences	Animal Sciences	Strategies For Enhancing Biological Activity Of Novel Peptides (Brevinin-1 and 2) Identified From The Skin Secretion Of An Endemic Frog	Dr. Sanil George, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	3157000

538	Life Sciences	Animal Sciences	Molecular Epidemiological Studies Of Canine Parvovirus-2 Variant(S) From Clinical Cases Of Dogs And Cats In Seven North Eastern States Of India And Its Management.	Dr. Suvendu Kumar Behera, Central Agricultural University, Imphal, Manipur, 796014	5143600
539	Life Sciences	Animal Sciences	Formulation And Development Of Food Baits To Female Melon Fruit Fly, Bactrocera Cucurbitae (Coq.) (Tephritidae: Diptera)	Dr. Elaiyabharathi Thiyagarajan, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	2723000
540	Life Sciences	Animal Sciences	Resistance Management In Bt Transgenic Crops: Role Of Gut Microflora In Helicoverpa Armigera In Potentiation And/OR Detoxification Of Δ -Endotoxin Proteins Of Bacillus Thuringiensis	Dr. Hari Chand Sharma, Dr Y S Parmar University of Horticulture and Forestry, Solan, Himachal Pradesh, 173230	4987000
541	Life Sciences	Animal Sciences	Neurobiology Of Obesity Regulation And Therapeutic Interventions	Dr. Rohit Seth, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, 495009	6851200
542	Life Sciences	Animal Sciences	Fitness Black Box: Deciphering The Ovar-MHC Variability In Sheep Breeds Of India	Dr. Gopal Ramdasji Gowane, Central Sheep and Wool Research Institute, Tonk, Rajasthan, 304501	4523800
543	Life Sciences	Animal Sciences	Deciphering The Role Of Indian River Linking Project In Shaping The Phylogeography Of Aquatic Systems	Dr. K Praveen Karanth, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	4251300
544	Life Sciences	Animal Sciences	Functional And Pharmacological Characterization Of Ecdysis Triggering Hormone And Its Receptor For Developing New Generation Insecticides Against Whitefly, Bemisia Tabaci	Dr. Vikas Jindal, Punjab Agricultural University, Ludhiana, Punjab, 141004	4295200
545	Life Sciences	Animal Sciences	Molecular Phylogeny and Phylogeography Of Ant Genus Camponotus (Hymenoptera: Formicidae) From India	Dr. Himender Bharti, Punjabi University, Patiala, Punjab, 147002	3495600
546	Life Sciences	Animal Sciences	Mastitis Related Antibiotic Resistance Pattern Mapping In Three Districts Of Haryana	Dr. Sachinandan De, National Dairy Research Institute, Karnal, Haryana, 132001	3140800

547	Life Sciences	Animal Sciences	MicroRNA-Mediated Gene Regulation Of Anopheles Mosquito Immunity During Early Phase Of Malarial Parasite Transmission	Dr. R K Chaitanya, Central University of Punjab, Bathinda, Punjab, 151001	4263600
548	Life Sciences	Animal Sciences	Taxonomic Studies On Family Pyralidae (Pyraloidea: Lepidoptera) From North East India	Dr. Navneet Singh, Zoological Survey Of India, Patna, Patna, Bihar, 800026	3055067
549	Life Sciences	Animal Sciences	Role Of Neuropeptides In Sleep Homeostasis Using Fruit Fly Drosophila Melanogaster As Model Organism	Dr. Shahnaz Rahman Lone, Central University of Punjab, Bathinda, Punjab,	4912312
550	Life Sciences	Animal Sciences	Immunopathological And Molecular Studies On Bovine Cryptosporidial Diarrhoea And Associated Etiologies	Dr. Apminderpal Singh Brar, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, 141004	2467000
551	Life Sciences	Animal Sciences	Detection And Mapping Of Insecticide Resistance In Wild Aedes Population In Upper Brahmaputra Valley Of Assam	Dr. Dipsikha Bora, Dibrugarh University, Dibrugarh, Assam, 786004	3414620
552	Life Sciences	Animal Sciences	Neural Correlates Of Generalised Memories During Systems Consolidation	Dr. Balaji Jayaprakash, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	5188000
553	Life Sciences	Animal Sciences	Metabolic Control Of Epigenetic Programming In Muscle Stem Cells	Dr. Jyotsna Dhawan, Centre for Cellular and Molecular Biology, Hyderabad, Telangana, 500007	6558258
554	Life Sciences	Animal Sciences	Using High Precision Radio Tags To Relate Movement Patterns Of Migrant Harriers With Environmental And Climatic Factors.	Dr. T Ganesh, Ashoka Trust for Research in Ecology and The Environment, Bangalore, Karnataka,	5502360
555	Life Sciences	Animal Sciences	Declining Atoll Frameworks And Global Climate Change: Unpacking Ecological And Anthropogenic Factors Influencing Reef Accretion And Its Implications For Reef And Island Biosecurity	Dr. Rohan Arthur, Nature Conservation Foundation, Mysore, Karnataka, 570002	3802779

556	Life Sciences	Animal Sciences	Evolution Of Multimodal Communication In Diurnal Geckos: Ecological Drivers And Trade-Offs In Form And Function	Dr. Maria Thaker, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3228581
557	Life Sciences	Animal Sciences	Delimiting Species Boundaries In Pest And Vector Thrips (Thysanoptera: Thripidae) From India	Dr. Vikas Kumar, Zoological Survey of India, Kolkata, West Bengal,	3993360
558	Life Sciences	Animal Sciences	"Molecular Characterization Of Sperm Pro-Survival Factors In The Oviduct Of The Indian Garden Lizard, Calotes Versicolor".	Dr. Titus Ruthshantha Kumari, St Philomena's College, Mysore, Karnataka, 574202	3264500
559	Life Sciences	Animal Sciences	Limbal Stem Cell Transplantation: Studying The Process Of Corneal Epithelial Wound Healing And Regeneration In Animal Model Of Alkali Burn	Dr. Vivek Singh, Hyderabad Eye Research Foundation, Hyderabad, Telangana,	4698080
560	Life Sciences	Animal Sciences	Development Of Gene Knock Out Chicken By Genome Editing With CRISPR/Cas For Augmentation Of Productivity In Poultry	Dr. Tarun Kumar Bhattacharya, Project Directorate on Poultry (ICAR), Hyderabad, Telangana, 500030	5553778
561	Life Sciences	Animal Sciences	A Genetic Screen For The Prevalence Of Paramyxoviridae In Volant And Non-Volant Mammals Of South India	Dr. Paramanantha Swami Doss, St John's College Palaymkottai, Palayamkottai, Tamil Nadu, 627002	3023960
562	Life Sciences	Animal Sciences	Understanding Extracellular Vesicles (EVs) Protein Cargo Of Seminal Plasma As A Reason For Poor Fertility In Cattle & Buffalo Bulls	Dr. Rakesh Kumar, National Dairy Research Institute, Karnal, Haryana,	3478000
563	Life Sciences	Animal Sciences	Phylogeny, Classification And Biogeography Of Leaf Roller Moths Belonging To Family Tortricidae (Lepidoptera)	Dr. Shashank P R, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	3072460
564	Life Sciences	Animal Sciences	To Elucidate Whether Chemoattractants Stimulate Enhanced Feeding In Indian Major Carps To Accelerate Their Growth	Dr. Surjya Kumar Saikia, Visva Bharati University, Shanti Niketan, West Bengal, 731235	3207120
565	Life Sciences	Animal Sciences	Investigating The Role Of Epithelial To Mesenchymal Transition In The Process Of Embryo Implantation	Dr. Deepak N Modi, National Institute for Research in Reproductive Health, Mumbai, Maharashtra,	3997010

566	Life Sciences	Animal Sciences	Investigations On The Role Of The Biochemical Bistable Switch In Learning And Memory In Vivo	Dr. R V Omkumar, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	3851600
567	Life Sciences	Animal Sciences	Prospecting Prebiotic Potential of Rumen Liquor	Dr. Ankur Rastogi, Sher-E-Kashmir University of Agricultural Sciences and Technology Jammu, Jammu, Jammu And Kashmir,	4420240
568	Life Sciences	Animal Sciences	Ecological Assessment Of The Exotic Sailfin Catfishes In The Indian Freshwater Systems And Developing A Species-Specific Molecular Tool To Measure Their Detection In The Wild	Dr. Ratna Ghosal, Ahmedabad University, Amreli, Gujarat, 380009	4542880
569	Life Sciences	Animal Sciences	Ecological Assessment Of The Exotic Sailfin Catfishes In The Indian Freshwater Systems And Developing A Species-Specific Molecular Tool To Measure Their Detection In The Wild	Dr. Jitendra Kumar Sundaray, Central Institute of Fresh Water Aquaculture, Bhubaneswar, Orissa, 751002	1275000
570	Life Sciences	Animal Sciences	"Oocyte Vitrification For Long Term Preservation Of Important Animal Genetic Resources Of Temperate Himalayas"	Dr. Khursheed Ahmad Sofi, Sher E Kashmir University of Agricultural Sciences & Technology Kashmir, Srinagar, Jammu And Kashmir,	4685240
571	Life Sciences	Animal Sciences	Taxonomy And Biogeographic Affinities Of The Lesser Known Carabidae (Insecta: Coleoptera) In The Northwest, Central And Northeastern Regions Of India.	Dr. Sabu K Thomas, St Joseph's College Devagiri, Calicut, Kerala, 673008	4507240
572	Life Sciences	Animal Sciences	Biological Traits Of Asian Genetic Groups Of Whitefly, Bemisia Tabaci Vis A Vis Endosymbionts And Endophytes	Dr. Subramanian Sabtharishi, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	3493360
573	Life Sciences	Animal Sciences	Role Of SfrRNA In Japanese Encephalitis Viral Pathogenesis: A Novel Clue For Identifying And Targeting The Antiviral Biomolecules	Dr. P A Desingu, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4192000
574	Life Sciences	Animal Sciences	Investigating Mechanisms Underlying Acquisition Of Antiviral Drug Resistance Against Host-Targeting Agents	Dr. Naveen Kumar, National Research Centre on Equines, Hisar, Haryana,	5287480

575	Life Sciences	Animal Sciences	Deciphering MHC Diversity And Its Functional Significance In Indian Camel Breeds	Dr. Ved Prakash, National Research Centre on Camel, Bikaner, Rajasthan,	4771594
576	Life Sciences	Animal Sciences	Molecular Mechanism Of Temperature-Dependent Sex Determination And Differentiation Of Gonad In The Reptile, Calotes Versicolor – Are Sex Steroids The Key Factor?	Dr. Laxmi Sanjeev Inamdar, Karnatak University, Dharwad, Karnataka,	3740240
577	Life Sciences	Animal Sciences	Formulation Of Species Specific Synbiotic Against Multidrug Resistant Escherichia Coli In Calves	Dr. Srivani Moturi, N T R College of Veterinary Science, Gannavaram, Andhra Pradesh, 521102	3232120
578	Life Sciences	Animal Sciences	Do Synanthropic And Sylvatic Rodents Play Role In The Ecology Of Emerging Zoonotic And Antimicrobial Resistant Pathogens?	Dr. Pradeep Narayan Gandhale, National Institute of High Security Animal Diseases, Bhopal, Madhya Pradesh,	2910240
579	Life Sciences	Animal Sciences	Do Synanthropic And Sylvatic Rodents Play Role In The Ecology Of Emerging Zoonotic And Antimicrobial Resistant Pathogens?	Dr. A Arun Prince Milton, Icar Research Complex for Neh Region, Umiam, Meghalaya, 793103	2117120
580	Life Sciences	Animal Sciences	Characterization Of A Cyclin-Dependent Kinase That Interacts With The Insulin Signaling Pathway To Regulate Germ Cell Maturation, Stress Response And Aging	Dr. Arnab Mukhopadhyay, National Institute of Immunology, New Delhi, Delhi, 110067	5031477
581	Life Sciences	Animal Sciences	Nutritional Geometry And Mitochondrial Assessment For Longevity And Fitness Related Studies In Drosophila Ananassae	Dr. Jay Prakash Yadav, Bundelkhand University, Jhansi, Uttar Pradesh, 284128	4070429
582	Life Sciences	Animal Sciences	Microstructure, Individual And Sub-Species Variations Of Song In Indian Robin Copsychus Fulcata (Family: Muscicapidae)	Dr. Anil Kumar, Zoological Survey of India Dehradun, Dehradun, Uttarakhand,	4290240
583	Life Sciences	Animal Sciences	Systematic Studies On Fruit Flies Of Subfamily Tephritinae (Diptera: Tephritidae) From South India With Special Reference To Western Ghats	Dr. David Karmankodu Jacob, National Bureau of Agricultural Insect Resources, Bangalore, Karnataka,	3415460
584	Life Sciences	Animal Sciences	Biogeography Of Eastern Borderland In India: Evidence From Ectotherms.	Dr. Abhijit Das, Wildlife Institute of India, Dehradun, Uttarakhand,	4246499

585	Life Sciences	Animal Sciences	Sex Differences In Sexual Selection And The Evolution Of Signals And Competition Strategies In The Peninsular Rock Lizard, <i>Psammophilus dorsalis</i>	Dr. Kavita Isvaran, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	5117360
586	Life Sciences	Animal Sciences	Investigating Hybrid EM Cell During Neural Tube And Inner Ear Closure	Dr. Rajesh Kumar Ladher, National Centre for Biological Sciences, Bangalore, Karnataka,	5128080
587	Life Sciences	Animal Sciences	Assessing The Status Of Critically Endangered Gyps Vultures Through A Genomic Lens: Understanding Their Population Dynamics And Recent Evolution For Conservation Planning	Dr. Uma Ramakrishnan, National Centre for Biological Sciences, Bangalore, Karnataka,	4826658
588	Life Sciences	Animal Sciences	Cuticle Soft Or Hard: How Do Insects Balance Water?	Dr. Subhash Rajpurohit, Ahmedabad University, Amreli, Gujarat, 380009	2212000
589	Life Sciences	Animal Sciences	Taxonomic Studies on Native Cyprinoid Fishes of Northern Kerala With Special Emphasis On Insufficiently Known And Synonymic Species	Dr. Mathews Plamoottil, Baby John Memorial Government College Kollam, Kollam, Kerala,	2465140
590	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of CRISPR/Cas System For Generating Efficient Targeted Gene Knock Outs In Chilli Pathogen <i>Colletotrichum truncatum</i>	Dr. Madhusudan Reddy Nandineni, Centre for DNA Fingerprinting & Diagnostics, Hyderabad, Telangana, 500001	3256800
591	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification Of Novel Epigenetic Regulators Of Both <i>Leishmania</i> And Of Host After Infection	Dr. Rentala Madhubala, Jawaharlal Nehru University, New Delhi, Delhi, 110067	2585000
592	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	A Systematic Screen Of Functional Genomics And Epigenetic Interventions Towards Identification Of Novel Modulators Of Amyloid Beta Effects In A Transgenic <i>C. Elegans</i> Model Of Alzheimer's Disease	Dr. Aamir Nazir, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	1890000

593	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification Of Potential Epigenetic Biomarkers For Detection And Diagnosis Of Primary Hyperparathyroidism	Dr. Sanjay Kumar Bhadada, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	3787200
594	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Redesigning Of Bacterial Endochitinase For Enhanced Antifungal Activity	Dr. Rinkoo D Gupta, South Asian University, New Delhi, Delhi, 110021	4498456
595	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Validation And Reparameterization Of The Additive AMBER Force Field For Accurate Modeling Of Modified RNA Residues	Dr. Ansuman Lahiri, University of Calcutta, Kolkata, West Bengal, 700073	2371800
596	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Deciphering The Role PSP94 and CRISP Family Proteins In Ion Channel Modulation	Dr. Bhakti R Pathak, National Institute for Research in Reproductive Health, Mumbai, Maharashtra, 400012	2986800
597	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	To Characterize The Exosomes Secreted By Chemotherapy-Exposed Pancreatic Cancer Associated Fibroblast Cells (CAFs) And Investigate Its Role In Chemoresistance Of Cancer Cells	Dr. Shantibhusan Senapati, Institute of Life Science, Bhubaneswar, Orissa, 750023	2538000
598	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Repressor Element-1 Silencing Transcription Factor (REST) In Epstein-Barr Virus (EBV) Biology And Pathogenesis	Dr. Mohanan Valiya Veetil, Cochin University of Science and Technology, Kochi, Kerala, 682022	4753200
599	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Cancer Systems Biology Of Novel Stage-Specific Biomarkers	Dr. Ashok Palaniappan, Sastra University, Thanjavur, Tamil Nadu, 613401	1731900
600	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigation Of The Mechanisms Controlling Synthesis And Function Of The ORF4 Protein Of Genotype-1 Hepatitis E Virus.	Dr. Milan Surjit, Translational Health Science and Technology Institute, Faridabad, Haryana, 122016	2214000
601	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Study Effect Of Dengue Virus Infection On In Vitro Megakaryopoiesis	Dr. Sankar Bhattacharyya, Translational Health Science and Technology Institute, Faridabad, Haryana, 122016	2538000

602	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural And Functional Characterization Of PadR-Like Transcriptional Regulatory Proteins From Mycobacterium Tuberculosis H37Rv.	Dr. Ashish Arora, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	3831000
603	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Deciphering The Structural Basis Of Pore Formation By Pneumolysin (Ply) From A Highly Pathogenic Serotype-1 Streptococcus Pneumoniae	Dr. Prasenjit Bhaumik, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	2585000
604	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design, Synthesis And Evaluation Of Potential Peptidomimic Inhibitors For B-Secretase (BACE1) Enzyme Of Neurodegenerative Alzheimer's Disease	Dr. Murugapoopathiraja Karuppiah, Madurai Kamaraj University, Madurai, Tamil Nadu, 625021	4121000
605	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design, Synthesis And Evaluation Of Potential Peptidomimic Inhibitors For B-Secretase (BACE1) Enzyme Of Neurodegenerative Alzheimer's Disease	Dr. Sudhakar Baluchamy, Pondicherry University, Puducherry, Puducherry, 605014	962000
606	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Computational Study of 3D Organization Of Chromatin	Dr. Ranjith Padinhateeri, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3712000
607	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Modulation Of Host Endocytosis During Plasmodium Liver Stage Development	Dr. Satish Mishra, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	1782000
608	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Modulation Of Host Endocytosis During Plasmodium Liver Stage Development	Dr. Varadharajan Sundaramurthy, National Centre for Biological Sciences, Bangalore, Karnataka, 560065	1782000
609	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	To Understand The Oscillation Mechanism Of The Min System And Its Role In Coordinating Cell Division With Cell Motility.	Dr. Tushar Kant Beuria, Institute of Life Science, Bhubaneswar, Orissa, 750023	2214000
610	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Unravelling Molecular Determinants Of Calcium Homeostasis Of Mycobacterium Tuberculosis And Their Role In Pathogenesis.	Dr. Rakesh Sharma, Institute of Genomics and Integrative Biology, Delhi, Delhi, 110017	2862000

611	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of Robust B-Turn Motifs To Stabilize Proteins And Their Utility In Engineering Therapeutic Mini-Protein Scaffolds.	Dr. Jayanta Chatterjee, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4235000
612	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design & Screening Of Novel Small Molecules As Potential Inhibitors Of The Oncogenic Signalling Kinase PAK1 For Glioblastoma Multiforme	Dr. Ganesh Venkatraman, Sri Ramachandra University, Chennai, Tamil Nadu, 600116	2585000
613	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification Of The TCP4-Mediated Transcription Factor Network That Regulates Organ Growth And Morphogenesis	Dr. Utpal Nath, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3905000
614	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural And Functional Studies Of Glucose 6-Phosphate Dehydrogenase And 6-Phosphogluconate Dehydrogenase To Understand Their Role In Leishmaniasis	Dr. Insaf Ahmed Qureshi, University of Hyderabad, Hyderabad, Telangana, 500046	4032800
615	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Anti-Tumor Activity Of Natural Killer (NK) Cells And Improving Its Adoptive Cellular Therapy Potential To Control Tumor Growth.	Dr. Girdhari Lal, National Centre for Cell Science, Pune, Maharashtra, 411007	2754000
616	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Amino Acid Requirements In The Sexual And Liver Stages Of Malaria Parasite – An Immutable And Versatile Target For Malaria Transmission	Dr. Viswanathan Arun Nagaraj, Institute of Life Science, Bhubaneswar, Orissa, 750023	2754000
617	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Modelling Squamous Cell Carcinoma (SCC) In Drosophila Male Accessory Gland (MAG)	Dr. Pradip Sinha, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	3390450
618	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	RNF 167, An Ubiquitin E3 Ligase With Several Reported Mutations In Diverse Cancers, Controls NF-KB Activation	Dr. Srinivasa Murty Srinivasula, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala, 695016	3135000
619	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural and Functional Studies of DRB2 In A. Thaliana RNAi Pathway	Dr. Mandar V Deshmukh, Centre for Cellular and Molecular Biology, Hyderabad, Telangana, 500007	2538000

620	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Yeast Model To Study The Role of Astaxanthin In Protecting Oxidative DNA Damage To Alleviate Age Associated Diseases In Human	Dr. Madhu Dyavaiah, Pondicherry University, Puducherry, Puducherry, 605014	3600200
621	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Prolyl Isomerization Of Dynein Light Intermediate Chains As A Regulatory Driver For Mitosis	Dr. Sivaram V S My Lavarapu, Regional Centre for Biotechnology, Faridabad, Haryana, 121004	2214000
622	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Mechanistic Insights Into IAPP Self-Assembly – Targeting Early Intermediates For Therapeutics	Dr. Nitin Chaudhary, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	4785000
623	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Uncovering Mechanisms To Remodel Cholesterol Landscape In Cancer Cells.	Dr. P K Umasankar, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	3072773
624	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structure Based Design And Development Of Novel Antimicrobial Peptides For Diverse Applications	Dr. Balaji Prakash, Central Food Technological Research Institute, Mysore, Karnataka, 570020	2214000
625	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigation Of Functional Connection Between CAMP-Dependent Signaling Pathway And MoWISH, A Gene Encoding A Novel GPCR In Rice Blast Fungus	Dr. Subhankar Roybarman, National Institute of Technology Durgapur, Durgapur, West Bengal, 713209	4810200
626	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Biochemical Characterization Of Prokaryotic Flagellin Glycosyltransferases	Dr. Ramya T N Chakravarthy, Institute of Microbial Technology, Chandigarh, Chandigarh, 160036	2427000
627	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Peptide Decorated ZnO Nanoparticles For Selective Killing Of Cancer Cells	Dr. Munia Ganguli, Institute of Genomics and Integrative Biology, Delhi, Delhi, 110007	2210000
628	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Mechanism Of Asymmetric Cell Division In Mycobacteria	Dr. Ajitkumar Parthasarathi, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	2580000

629	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Embelin Can Modulate Ataxia-Telangiectasia Mutated (ATM) Signalling In Nicotine Induced Chemoresistant Pancreatic Cancer.	Dr. Kumaraswamy Malleshappa Honnenahally, Kuvempu University, Shimoga, Karnataka, 577451	4851600
630	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Impact Of Lysine Acetylation In Hsp16.3 On Its Structure, Chaperone Function And The Growth, Survival As Well As Pathogenesis Of Mycobacterium Tuberculosis	Dr. Ashis Biswas, Indian Institute of Technology Bhubaneswar, Bhubaneshwar, Orissa, 751013	3043200
631	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Study The Effect Of Physiological Exposure And Evolutionary Adaptability In Salmonella	Dr. Vidya Devi Negi, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	4486000
632	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Characterizing Cellular Machineries During Mitosis And Pathogenesis In Budding Yeast	Dr. Raja Paul, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	3130000
633	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Valorization Of Methane From Biogas To Biodiesel And Single Cell Proteins (SCPs) Using Methanotrophs (Methane Oxidizing Bacteria)	Dr. Monali Chintamani Rahalkar, Agharkar Research Institute, Pune, Maharashtra, 411004	2766800
634	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Studies On Ribosomal RNA Mediated Stimulation Of Alzheimer's Disease Associated Tau Protein Aggregation And The Interaction Of Tau With The Ribosome.	Dr. Chandana Barat, St Xavier's College Kolkata, Kolkata, West Bengal, 700016	3642400
635	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Structural Basis Of GPCR-B-Arrestin Interaction And Signaling For Designing Pathway Selective Drugs	Dr. Arun K Shukla, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	2585000
636	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design Synthesis And Evaluation Of Novel Hybrid Incretins To Ameliorate Type 2 Diabetes.	Dr. Prasenjit Mitra, Dr. Reddy's Institute of Life Sciences, University of Hyderabad, Hyderabad, Telangana, 500046	3041800
637	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Unraveling The Cellular And Molecular Roles Of CG9650, Taxi And Beadex Genes During Development And Function Of The Neurons In Drosophila Melanogaster	Dr. Upendra Nongthomba, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3069000

638	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Role Of SUMOylation In Virulence Of Candida Glabrata	Dr. Krishnaveni Mishra, University of Hyderabad, Hyderabad, Telangana, 500046	4802800
639	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Functional Roles Of The Novel TAF12 (TBP-Associated Factor 12) Variant Genes In Candida Albicans	Dr. Krishnamurthy Natarajan, Jawaharlal Nehru University, New Delhi, Delhi, 110067	5077800
640	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Mechanistic Investigations Of UDP-N-Acetyl-D-Galactosamine:polypeptide N-Acetyl-D-Galactosaminyl Transferases (PpGalNAcT) Involved In The Biosynthesis Of Mucin Type O-Glycosylation.	Dr. Srinivasa Gopalan Sampathkumar, National Institute of Immunology, New Delhi, Delhi, 110067	3078000
641	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Genetic Insight Into MLSb Resistance In Staphylococcus Aureus And Identifying A Heterogenic Resistance Marker For Diagnostic Screening.	Dr. Amitabha Bhattacharjee, Assam University, Silchar, Assam, 788011	2839075
642	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	RUNX And AMPK In Hematopoietic Malignancies	Dr. Bindu Madhava Reddy Aramati, University of Hyderabad, Hyderabad, Telangana, 500046	4693000
643	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Mechanism Of Host Innate Immune Suppression By The Brucella Effector Protein, TcbB To Identify Novel Drug Targets For Brucellosis.	Dr. Girish Radhakrishnan, National Institute of Animal Biotechnology, Hyderabad, Telangana, Hyderabad, Telangana, 500046	2538000
644	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Molecular Mechanism Of The Calsyntenin Gene, CASY-1, In Regulating GABAergic And Glutamatergic Neurotransmission	Dr. Kavita Babu, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	2558000
645	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Gene Regulation By DNA Methylation In Bacillus Anthracis (Sterne)	Dr. Ramakrishnan Sitaraman, Teri School of Advanced Studies, New Delhi, Delhi, 110070	3812800
646	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	G Protein Beta 5 (Gβ5) Regulates Multiple Chemotherapeutic Drugs Induced Cardiotoxicity Through An Unifying Nox-ROS-CaMKII Dependent Mechanism	Dr. Biswanath Maity, Centre of Biomedical Research, Lucknow, Uttar Pradesh, 226014	4722200

647	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular Characterization Of Leishmania Major Bicarbonate Transporter And Studying Its Role In Parasite Physiology	Dr. Rupak Datta, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	2690000
648	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural Studies On The Antioxidant Enzymes Of Wuchereria Bancrofti Towards The Development Of Novel Structure Based Drug Lead Discovery For Lymphatic Filariasis.	Dr. Saraboji Kadhivel, Sastra University, Thanjavur, Tamil Nadu, 613401	2506000
649	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Unraveling The Molecular Mechanism Of The Transfer Of - Octanoyl Chain From C8-ACP To The Lipoyl Domains By The Lipoate Protein Ligase B Of Leishmania	Dr. Monica Sundd, National Institute of Immunology, New Delhi, Delhi, 110067	3196800
650	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Novel Approach To Develop Computational Pipeline To Predict Functions Of Cysteines In Proteins Of Unknown Function (PUFs) And Domains Of Unknown Function (DUFs), Based On Protein Microenvironments	Dr. Debashree Bandhyopadhyay, Birla Institute of Technology and Science Pilani-Hyderabad, Hyderabad, Telangana, 500078	1942800
651	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Evaluating The Role And Mechanism Of Function Of Delta Factor Of Bacillus Subtilis.	Dr. Jayanta Mukhopadhyay, Bose Institute, Kolkata, West Bengal, 700009	3069000
652	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular Analysis of Antibiotic Resistance Mechanisms In Clinical Isolates of Salmonella Species	Dr. Saramma Mini Jacob, The Tamilnadu Dr. M.G.R Medical University, Chennai, Tamil Nadu, 600032	2449668
653	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular Mechanisms Underlying DNA Alkylation Repair	Dr. Anindya Roy, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	3283000
654	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Elucidation Of The Role Of SIRT4 In Testicular Steroidogenesis	Dr. Prahalathan Chidambaram, Bharathidasan University, Tiruchirappalli, Tamil Nadu, 620024	3826000

655	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification And Characterization Of Sexually Dimorphic MicroRNAs (MiRNAs) Associated With X Chromosome Linked DDX3 Gene	Dr. Mahendran Botlagunta, K L University, Vijayawada, Andhra Pradesh,	3061200
656	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Recombinant Endolysins From Mycobacteriophages: Exploring Their Anti-Mycobacterial Potential	Dr. Urmi Bajpai, Acharya Narendra Dev College, University of Delhi, New Delhi, Delhi, 110019	4670200
657	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identifying Critical Hotspots In Macromolecular Complexes Involved In Bacterial BER And Stress-Response Pathways	Dr. Ravishankar Ramachandran, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2210000
658	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	The Core Root Associated Microbiome Of Pigeon Pea Under The Influence Of Host Genotype, Beneficial Bacteria And Abiotic Stress	Dr. Appa Rao Podile, University of Hyderabad, Hyderabad, Telangana, 500046	3120620
659	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design Synthesis And Evaluation Of Novel Hybrid Incretins To Ameliorate Type 2 Diabetes.	Dr. Vishal Rai, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	1100000
660	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Design Synthesis And Evaluation Of Novel Hybrid Incretins To Ameliorate Type 2 Diabetes.	Dr. Ahamed Ibrahim, National Institute of Nutrition, Hyderabad, Telangana, 500007	756000
661	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Alternate Splicing In Clinical Drug Resistance In Pathogenic Candida	Dr. Rajendra Prasad, Amity University Haryana, Gurgaon, Haryana, 122413	2470000
662	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Targeting DNA Repair Proteins To Overcome Topoisomerase Drug Resistance.	Dr. Dibyendu Banerjee, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2750000
663	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Role Of Human Host Factors In Endocytic Uptake Of Influenza A Virus	Dr. Indranil Banerjee, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	2585000

664	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Determining Whether Ubiquitylation Of Proteins On Mitochondrial Outer Membrane Negatively Controls Their Entry Into The Organelle	Dr. Sagar Sengupta, National Institute of Immunology, New Delhi, Delhi, 110067	2858000
665	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural Implication Of Amyloid Oligomers In Alzheimer's Disease	Dr. Nakul Chandra Maiti, Indian Institute of Chemical Biology, Kolkata, West Bengal, 700032	2214000
666	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural Bioinformatics Studies On Ms2ct6A Present In The Anticodon Loop Of TRNALys And Its Role In Codon-Anticodon Recognition With tRNA Folding	Dr. Kailas Dashrath Sonawane, Shivaji University, Kolhapur, Maharashtra, 416004	2573588
667	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Determination Of Crystal Structure, Sub-Cellular Localization And Understanding The Solute Specificity Of Moonlighting Function Of Dehydroascorbate Reductase Ion Channel From Pearl Millet.	Dr. Arockiasamy Arulandu, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, Delhi, 110067	3070000
668	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Defensin Like Bacteriocins From Brevibacillus Sp. Strains As Potential Bio-Therapeutics In Management Of Oral Biofilm Associated Diseases	Dr. Surash Korpole, Institute of Microbial Technology, Chandigarh, Chandigarh, 160036	1782000
669	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Role Of Hook2 As Dynein Adaptor During Cell Cycle	Dr. Mahak Sharma, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	2585000
670	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Role Of Protein Kinase CK2 In Prevention Of Spurious Intragenic Transcription.	Dr. Abdul Wajid Bhat, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	3737750
671	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	A Compositional, Structural And Mechanical Study To Evaluate The Effect Of Mg ²⁺ On The Formation Of Pseudomonas Aeruginosa Biofilm	Dr. Ashwin Kannan, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, 440010	2382915
672	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Force Generation By Amyloid-B During Aggregation Mediated Neuronal Cell Membrane Rupture In Neurodegeneration	Dr. Mohammed Saleem, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	3245000

673	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of Novel Theranostics Targeting Nucleic Acids	Dr. Sanjay Dutta, Indian Institute of Chemical Biology, Kolkata, West Bengal, 700032	2530000
674	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Phospho Regulatory Dynamics Of Sine Oculis Homeobox 1 (SIX1) : Implications In Generation Of Mesenchymal Phenotype.	Dr. Mushtaq Ahmad Beigh, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	4668200
675	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating The Role Of The NLRP3 Inflammasome In Fructose-Induced Peripheral Insulin Resistance	Dr. Akhilesh Kumar Tamrakar, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2669999
676	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	TRPV1 Ion Channel Modulation By The Double-Knot Toxin: Mechanism And Applications.	Dr. Jeet Kalia, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2475000
677	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating The Role Of Crc In Regulation Of MGDH And SGDH Involved In MPS Phenotype In Acinetobacter Sp. And Its Repression	Dr. Shalini Rajkumar, Nirma University, Ahmedabad, Gujarat, 382481	3873199
678	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Exploring The Role Of LRRC8B Protein In Cellular Calcium Signaling	Dr. Amal Kanti Bera, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3020000
679	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Structural Investigation Of Geranyldiphosphate Synthase (GPPS) From Catharanthus Roseus	Dr. Prema G Vasudev, Central Institute of Medicinal and Aromatic Plants, Lucknow, Uttar Pradesh, 226015	2210000
680	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understanding The Role Of SOS-Regulated HNH Nucleases Of Mycobacterium Tuberculosis In Latency And Reactivation	Dr. Saravanan Matheshwaran, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	3130000
681	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Probing Confinement-Induced Phenotypic Heterogeneity In Breast Cancer, And Its Implications In Cancer Metastasis	Dr. Shamik Sen, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4235000

682	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Defensin Like Bacteriocins From Brevibacillus Sp. Strains As Potential Bio-Therapeutics In Management Of Oral Biofilm Associated Diseases	Dr. Ashish Jain, Panjab University, Chandigarh, Chandigarh, 160014	2029312
683	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigation Of The Role Of Exosomes In Cervical Cancer Angiogenesis And Endothelial Cell Conditioning	Dr. Alok Chandra Bharti, University of Delhi, Delhi, Delhi, 110007	3806800
684	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Keratinase Fingerprints Guided Drug Repurposing To Clear Prion Amyloid Plaques	Dr. Abhinav Grover, Jawaharlal Nehru University, New Delhi, Delhi, 110067	2926800
685	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification Of Genes That Regulate Differentiation Of Germ Cells In Caenorhabditis Elegans	Dr. K Subramaniam, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	2585000
686	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Deacetylation Meets Deadenylation In Control Of Tumor Metastasis	Dr. Bramanandam Manavathi, University of Hyderabad, Hyderabad, Telangana, 500046	2810573
687	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigation Of Mechanism Of Function Of RNase P Of Mycobacterium Tuberculosis: Exploration As A Drug Target.	Dr. Janendra Kumar Batra, Jamia Hamdard, New Delhi, Delhi, 110062	4246800
688	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	To Decipher The Epigenetic Regulatory Mechanism(S) Of SOX2 Gene In Human Prostate Cancer And Self Renewal Of Cancer Stem Cell	Dr. Samir Kumar Patra, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	5044000
689	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Reconstitution And Structural Studies On Nup93•Nup188 Complex Of The Nuclear Pore Complex	Dr. Radha Chauhan, National Centre for Cell Science, Pune, Maharashtra, 411007	2214000
690	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Bacterial RNAP Sigma Factor: Structure, Function And Its Interaction With RpoC In Group A Streptococcus	Dr. Preethi Rahunathan, University of Madras, Chennai, Tamil Nadu, 600005	2668000

691	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identifying The Biomarkers And Mechanism Of Immunomodulators Like Cytokines And Chemokines In Epstein-Barr Virus And Helicobacter Pylori Co-Infected Gastric Cancer	Dr. Hem Chandra Jha, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	3135000
692	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Physical Biology Of Cell-Substrate Interactions	Dr. Namrata Gundiah, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2376970
693	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Glycoprotein Acetyls (GlycA), Cholesterol Esters And Metabolic Profiling In Serum Of Gall Bladder Cancer Patients By NMR Spectroscopy.	Dr. Raja Roy, Centre of Biomedical Research, Lucknow, Uttar Pradesh, 226014	3637557
694	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Understand Regulation Of Heat Shock Factor 1 Activities In Human Cells	Dr. Mahadeb Pal, Bose Institute, Kolkata, West Bengal, 700054	3065148
695	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	R2TP Complex As A Target Of Human Papilloma Virus Oncoproteins E6 And E7	Dr. Riyaz Ahmad Mir, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	2784999
696	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Protein And Peptide Based Functional Biomaterials	Dr. Karunakar Kar, Jawaharlal Nehru University, New Delhi, Delhi, 110067	3028355
697	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigation Of The Active Site Of Homoserine Transacetylase From Mycobacterium Tuberculosis - A Potential Target For Drug Design.	Dr. Sandra Misquith, St. Joseph's College Bangalore, Bangalore, Karnataka, 560027	3806800
698	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Determining Role Of Specialised Ribosomes In Yeast In Discriminating Translating Pools Of Transcripts In A Stress-Dependent Manner And Its Effect On Phenotypic Diversity And Adaptation	Dr. Himanshu Sinha, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3128750

699	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of Escherichia Coli Based Heavy Metal Biosorbents By Expressing A Metal Binding Motif And Evaluating Its Potential Against Tannery Effluents Through Numerical Modeling And Experimental Approaches	Dr. Sudandiradoss C, Vit University, Vellore, Tamil Nadu, 632014	3165000
700	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Evaluation Of Surface Receptors With Special Reference To Platelet Pathophysiology As An Early Biomarker In Predicting Dengue Thrombocytopenia, Dengue Hemorrhagic Fever And Shock Syndrome	Dr. Liba Sebastian, Vijayanagar Institute of Medical Science, Bellary, Karnataka, 583104	2064700
701	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Computational Investigation On The Membrane-Induced Self-Assembly And Aggregation Of A-Synuclein	Dr. Mattaparthi Venkatasatish Kumar, Tezpur University, Tezpur, Assam, 784028	4478375
702	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of A Hybrid Approach To Predict Tertiary Structure Of Multi-Domain Proteins	Dr. Shashi Bhushan Pandit, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	1585200
703	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular Dynamics Investigation Of The Dynamics And Regulation Of The HIV-1 Restriction Factor SAMHD1.	Dr. Swati Bhattacharya, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	2972689
704	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Baicalein Inhibits Tau Polymerization By Inducing And Sequestering Oligomerization	Dr. Subashchandrabose Chinnathambi, National Chemical Laboratory, Pune, Maharashtra, 411008	2214000
705	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Deciphering Cellular Roles Of Non-Canonical Ubiquitination	Dr. Maddika Subbareddy, Center For DNA Fingerprinting & Diagnostics, Hyderabad, Telangana, 500001	2430000
706	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular And Structural Analysis Of Chikungunya Virus Capsid Protease For Antiviral Drug Discovery	Dr. Shailly Tomar, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	1760000

707	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Exploring The Molecular Mechanism Of PARP1-DNA Trapping And The Rationale For Combination Chemotherapy Of PARP-Topoisomerase1 Inhibitors In Homologous Recombination Stratified Ovarian Cancer	Dr. Benu Brata Das, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	2535000
708	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Identification Of Genome-Wide DNA-Conformation Of Mycobacterium Tuberculosis: Novel Markers For Prognostic And Clinical Outcomes Of The Disease	Dr. Shandar Ahmad, Jawaharlal Nehru University, New Delhi, Delhi, 110067	3256800
709	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Regulation Of Mitochondrial Transcription Factors And Mitochondrial Biogenesis In Essential Hypertension	Dr. Nitish R Mahapatra, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	3130000
710	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Exploring The Link Between Translation Control And Protein Trafficking/Endocytosis: Role Of Translation Repressor Scd6 In Clathrin Function	Dr. Purusharth I Rajyaguru, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2580000
711	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Evaluation Of "Histidine Switch Hypothesis" In The PH Dependent Dengue Virus Maturation And Infectivity	Dr. Anuja Krishnan, Jamia Hamdard, New Delhi, Delhi, 110062	2580000
712	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Molecular Events Responsible For The Switching Of Cell Shape With Respect To Cell Cycle In Rhodococcus Erythropolis PR4	Dr. Preeti Srivastava, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	1920000
713	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating The Importance Of Histone Modification H3S10P And Its Cross Talk With Neighboring Modifications In DNA Repair And Radio-Resistance In Specific Phases Of Cell Cycle	Dr. Sanjay Gupta, Advanced Centre for Treatment Research & Education in Cancer, Tata Memorial Centre, Mumbai, Maharashtra, 410210	3025000

714	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Development Of Multi-Spectral Photoacoustic Imaging And Sensing System For Non-Invasive Imaging And Characterization Of Tumor Vasculature During Angiogenesis Using Zebrafish Xenograft And Chicken Chorioallantoic Membrane (CAM) Model	Dr. Srivathsan Vasudevan, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	2874157
715	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Targeting Crystallin-Amyloids For The Development Of Non-Invasive Therapeutic Strategy For Treatment Of Age-Related Cataract	Dr. Jay Kant Yadav, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	3082900
716	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Redox Stress As The Cue For Sexual Stage Transition In The Malaria Parasite	Dr. Utpal S Tatu, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2029800
717	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Intracellular Dynamics Of Small Molecules During Novel AMP-Mediated Resilience In Planta: A Multidisciplinary Approach	Dr. Anirban Bhunia, Bose Institute, Kolkata, West Bengal, 700054	3070000
718	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Highly Parallelized Measurement And Improvement Of Protein Stability	Dr. Raghavan Varadarajan, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	3010000
719	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	IRON TRANSPORT MEDIATED DELIVERY OF PYOCHELIN-ZINGERONE CONJUGATE: A TROJAN HORSE STRATEGY AGAINST Pseudomonas Aeruginosa	Dr. Kusum Harjai, Panjab University, Chandigarh, Chandigarh, 160014	3677434
720	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Studies On Signal Transduction Mechanism(S) Of Indian Cobra (Naja Naja) And Russell's Viper (Daboia Russelii) Venoms Neurotrophin Molecules In Cultured Neuronal Cells And Their Functional Significance	Dr. Ashis Kumar Mukherjee, Tezpur University, Tezpur, Assam, 784028	3929600
721	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Delineating A Novel Transcriptional Regulatory Role Of APC/CCdc20 Complex And Its Impact On Chromosomal Instability In Oral Cancer	Dr. Susanta Roy Choudhury, Saroj Gupta Cancer Centre and Research Institute, Kolkata, West Bengal, 700063	4370982

722	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating The Role Of Epigenetic Reader TCF19 As A Cellular Glucose Sensor In Conjunction With P53	Dr. Chandrima Das, Saha Institute of Nuclear Physics, Kolkata, West Bengal, 700064	3455880
723	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating The Role Of Histone Acetylation During UV-Induced Nucleotide Excision Repair	Dr. Ronita Nagchaudhuri, St Xavier's College Kolkata, Kolkata, West Bengal, 700016	4673360
724	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	UNCOVERING THE NOVEL ROLE(S) OF HSP31/DJ-1 FAMILY PROTEINS IN THE MAINTENANCE OF MITOCHONDRIAL HEALTH, DNA AND PROTEIN HOMEOSTASIS	Dr. Patrick Raymond Dsilva, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	4893360
725	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Evaluating The Cause And Consequence Of Population Variation In Uropathogenic E.Coli Biofilm	Dr. Srinandan Chakaravarthy Sridhar, Sastra University, Thanjavur, Tamil Nadu, 613401	3316000
726	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating Functional Role Of Polyketide Modifying Enzymes In Mycobacterial Biology	Dr. Priti Saxena, South Asian University, New Delhi, Delhi, 110021	4673360
727	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Targeting The Neutrophil Recruitment Guided By Chemokine-Glycosaminoglycan Interactions Using Small Molecule GAG Inhibitors	Dr. Krishna Mohan Poluri, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	4747120
728	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Investigating Functional Role Of Polyketide Modifying Enzymes In Mycobacterial Biology	Dr. Vengadean Krishnan, Regional Centre for Biotechnology, Faridabad, Haryana,	810000
729	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Impact Of Ureido Protein Degenerative Modifications On Amyloidogenic Peptide And Protein Aggregation: Implications For Neurodegenerative Disorders	Dr. Sharad Gupta, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, 382424	4903360
730	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Mechanism Of Meiotic Crossing Over Through The Msh4-Msh5 Dependent Pathway	Dr. Nishant K T, Indian Institute of Science Education And Research Thiruvananthapuram, Thiruvananthapuram, Kerala,	3640000

731	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Deciphering The Role Of Mycobacterial Error-Prone Polymerase DnaE2 In Antibiotic Persistence And Conferring Adaptation To Stress During Biofilm Formation.	Dr. Krishna Kurthkoti, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	3950240
732	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Exploring Novel Pathways During Egress Of Malaria Parasite, Plasmodium Falciparum Using Genetic Tools.	Dr. Abhisheka Bansal, Jawaharlal Nehru University, New Delhi, Delhi, 110067	5001726
733	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	Study Of Pore Formation-Independent Cell Death Mechanism Elicited By The Bacterial Pore-Forming Toxin Vibrio Cholerae Cytolysin	Dr. Kausik Chattopadhyay, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	4357120
734	Life Sciences	Biophysics, Biochemistry, Molecular Biology & Microbiology	A Genetic Screen For The Identification And Characterization Of Genes That Affect NADPH Homeostasis In Yeast	Dr. Anand K Bachhawat, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	5437360
735	Life Sciences	Health Sciences	Design And Manufacturing Of Patient Specific Dental Implants Composed Of Porous Titanium Functionalized With Osseointegration-Promoting And Antibacterial Coatings	Dr. C S Kumar, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1524000
736	Life Sciences	Health Sciences	Design And Manufacturing Of Patient Specific Dental Implants Composed Of Porous Titanium Functionalized With Osseointegration-Promoting And Antibacterial Coatings	Dr. Amit Roychowdhury, Indian Institute of Engineering Science and Technology (IIST), Howrah, West Bengal, 711103	2953200
737	Life Sciences	Health Sciences	Genotypic And Phenotypic Influence Of TPMT Gene And Its Effect On Chemotherapeutic Dosage In The Outcome Of Acute Lymphoblastic Leukemia	Dr. Arshad Ahmad Pandith, Sher-I-Kashmir Institute of Medical Sciences Srinagar, Srinagar, Jammu And Kashmir, 190011	2265000
738	Life Sciences	Health Sciences	Study Of Differentially Methylated MicroRNAs And Their Targets To Identify Potential Biomarkers For Early Disease Diagnosis And Therapeutic Application In Gallbladder Cancer	Dr. Pramod Kumar Tiwari, Jiwaji University, Gwalior, Madhya Pradesh, 474011	3185000

739	Life Sciences	Health Sciences	Immunomodulatory Property Of Human Mesenchymal Stem Cell: Assessment Of Their Therapeutic Potential In GvHD Model	Dr. Sujata Mohanty, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4747800
740	Life Sciences	Health Sciences	Three-Dimensional Printing In Congenital Heart Disease	Dr. Kapilamoorthy Tirur Raman, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, Kerala, 695011	3813360
741	Life Sciences	Health Sciences	Characterization And Functional Validation Of Huntington's Disease Modifiers Influencing Disease Progression And Manifestation : A Cross-Species Approach	Dr. Meera Purushottam, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	3887800
742	Life Sciences	Health Sciences	Investigating MicroRNAs As The Next Generation Therapeutic Targets In Diabetic Cardiomyopathy	Dr. Vibha Rani, Jaypee Institute of Information Technology, Noida, Uttar Pradesh, 201307	3693800
743	Life Sciences	Health Sciences	The Role Of Gut Microbiota By Metagenomics Study In Gastro Esophageal Reflux Diseases (GERD) Associated With Or Without Helicobacter Pylori Infection	Dr. Rajashree Das, Amity University Noida, Noida, Uttar Pradesh, 201303	2943600
744	Life Sciences	Health Sciences	Anti Aging Strategies Based On Caloric Restriction Mimetics: Role Of Glycolytic & MTOR Inhibitors, And Sirtuin Activators In An Accelerated Senescence Model Of Rat	Dr. Syed Ibrahim Rizvi, University of Allahabad, Allahabad, Uttar Pradesh, 211002	4412200
745	Life Sciences	Health Sciences	Understanding The Genetic And Epigenetic Background of Methylome In Schizophrenia and Treatment Response.	Dr. Moinak Banerjee, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	4301200
746	Life Sciences	Health Sciences	Elucidating The Role Of PPAR Alpha In The Development Of Doxorubicin-Induced Cardiomyopathy	Dr. Sankarganesh Arunachalam, Kalasalingam Academy of Research and Higher Education, Kalasalingam University, Virudunagar, Tamil Nadu, 626190	1000000

747	Life Sciences	Health Sciences	Protein and Gene Expressions Of IL1 β , NF κ B1, NF κ B2, PPAR γ , NOS2, COX2, TNF α In LPS Induced Inflammatory Response In Rats and Effect of Cousinia Thomsonia	Dr. Showkat Ahmad Ganie, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	3873200
748	Life Sciences	Health Sciences	To Study The Significance Of Interaction Between Notch Signalling Pathway And Particularly Interesting New Cysteine-Histidine-Rich Proteins In Pathophysiology Of Triple Negative Breast Cancer	Dr. Alka Bhatia, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	4300400
749	Life Sciences	Health Sciences	Developing A Prediction Model For Preventing Disease Outbreaks Through Viral Genomic Surveillance In Aedes Mosquito Populations	Dr. Vineet Kumar Sharma, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2521600
750	Life Sciences	Health Sciences	Developing A Prediction Model For Preventing Disease Outbreaks Through Viral Genomic Surveillance In Aedes Mosquito Populations	Dr. Debasis Biswas, All India Institute of Medical Science Bhopal, Bhopal, Madhya Pradesh, 462020	3434000
751	Life Sciences	Health Sciences	Dual Drug Loaded Radiosensitive Liposomal Nanovectors Targeting Integrin A6 : A Glioblastoma Stem Cell Marker In Intracerebral Orthotopic Xenografts	Dr. B S Satish Rao, Manipal University, Manipal, Karnataka, 576104	2904000
752	Life Sciences	Health Sciences	Clinical Validation Of Nano-Interfaced Electrochemical Biosensor To Detect Methylglyoxal (MG) In Subjects With Pre-Diabetes And Type-2 Diabetes Mellitus (T2DM) With Neuropathy	Dr. John Bosco Balaguru, Sastra University, Thanjavur, Tamil Nadu, 613401	2803000
753	Life Sciences	Health Sciences	Development Of Novel Transdermal And Transpapillary Drug Delivery Systems For Breast Cancer Therapy	Dr. Usha Yogendra Nayak, Manipal University, Manipal, Karnataka, 576104	3725700
754	Life Sciences	Health Sciences	Design, Synthesis And Biological Evaluation Of Some New Mur B, Mur C, Mur D, Mur E And Mur F Inhibitors As Antibacterial Agents	Dr. Jaiprakash N Sangshetti, Y B Chavan College of Pharmacy, Aurangabad, Maharashtra, 431001	3655200

755	Life Sciences	Health Sciences	Elucidating The Role Of Iron In Regulating Platelet Biogenesis	Dr. Eunice Sindhuvi Edison, Christian Medical College, Vellore, Tamil Nadu, 632004	6715200
756	Life Sciences	Health Sciences	Effects Of Arginine-Phenylalanine-Amide (RFamide)-Related Peptide 3(RFRP3) On Reproductive Functions In Mice	Dr. Padmasana Singh, Indira Gandhi National Tribal University, Anuppur, Madhya Pradesh, 484887	5365800
757	Life Sciences	Health Sciences	Study Of The Role Of Appl & Tau Gene During Mitochondrial Axonal Transport In Drosophila Model Of Alzheimer's Disease	Dr. Anand K Tiwari, University and Institute Of Advanced Research, Gandhinagar, Gujarat, 382007	4442662
758	Life Sciences	Health Sciences	Functional Genomic Based Elucidation Of Molecular Mechanism(S) Behind Colistin Resistance	Dr. Enketeswara Subudhi, Siksha O Anusandhan University, Bhubaneswar, Orissa, 751003	4240000
759	Life Sciences	Health Sciences	Systematic Development Of Surface Modified Intranasal Nanostructured Carriers For Efficient Treatment Of Cerebral Malaria	Dr. Om Prakash Katore, Panjab University, Chandigarh, Chandigarh, 160014	3478660
760	Life Sciences	Health Sciences	Isolation And Characterization Of Active Constituents From Tricholoma Giganteum Masee., For The Treatment Of Non-Alcoholic Fatty Liver Disease	Dr. Perumal Pandikumar, Loyola College, Chennai, Tamil Nadu, 600034	1355000
761	Life Sciences	Health Sciences	Understanding Hyperglycemia Induced Alterations In Non-Coding RNA Expression Pattern And Post-Translational Histone Protein Modifications Contributing To Drug Resistance And Progression Of Pancreatic Cancer	Dr. Rajdeep Chowdhury, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	4032800
762	Life Sciences	Health Sciences	Genotype - Phenotype Correlation In Indian Patients With 46, XY Disorders Of Sex Development (46, XY DSD)	Dr. Tushar Ramkrishna Bandgar, Seth G S Medical College and Kem Hospital, Mumbai, Maharashtra, 400012	4637800

763	Life Sciences	Health Sciences	Functional Characterization Of The Salmonella Typhimurium Effector Protein SteA	Dr. Arunika Mukhopadhaya, Indian Institute of Science Education And Research Mohali, Chandigarh, Chandigarh, 140306	4835000
764	Life Sciences	Health Sciences	Self-Degradable DNA Nanoclew Based Site Specific Anticancer Drug Delivery	Dr. Awesh Kumar Yadav, Bhagyoday Tirth Pharmacy College, Sagar, Madhya Pradesh, 470003	4781310
765	Life Sciences	Health Sciences	Deciphering The Role Of Guidance Cues On Melanocyte Migration, Patterning And Survival: Towards Regenerative Approach For Vitiligo	Dr. Vivek T Natarajan, Institute of Genomics and Integrative Biology, Delhi, Delhi, 110007	4652600
766	Life Sciences	Health Sciences	Role of Cytooglobin In Transplanted Pancreatic Islets Insulin Production and Protects From Cell Death In Diabetes.	Dr. Bhuvarahamurthy Venugopal, University of Madras, Chennai, Tamil Nadu, 600005	5388800
767	Life Sciences	Health Sciences	Investigation Of The Molecular Link Between Diabetes And Its Role In The Development Of Non-Alcoholic Fatty Liver Disease (NAFLD)	Dr. Ravindra Pv, Central Food Technological Research Institute, Mysore, Karnataka, 570020	3780200
768	Life Sciences	Health Sciences	Population Pharmacokinetic And Pharmacodynamic Study Of Caffeine And Aminophylline In Apnea Of Prematurity	Dr. Leslie Edward Lewis, Manipal University, Manipal, Karnataka, 576104	1641000
769	Life Sciences	Health Sciences	Long Term Stability Of Gut Microbiota In Patients With Crohn's Disease And Correlation With Biomarkers Of Inflammation And Gut Permeability	Dr. Amit Kumar Dutta, Christian Medical College, Vellore, Tamil Nadu, 632004	3881600
770	Life Sciences	Health Sciences	Exploring The Molecular Mechanism Of Butter Oil Enriched Nanoformulation In Enhancing Nasal To Brain Delivery And Its Potential Role In Promoting Neurogenesis	Dr. Manju Misra, National Institute of Pharmaceutical Educaton And Research, Gandhinagar (Gujarat), Ahmedabad, Gujarat, 382355	1744000
771	Life Sciences	Health Sciences	Desialylation-Driven Uptake Of Lipoprotein(A) To Endothelial Cells And Monocytes / Macrophages In Diabetic Cardiovascular Patients: Is Immune Complex With Natural Antibodies A Vehicle?	Dr. Geetha M, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, Kerala, 695011	2311138

772	Life Sciences	Health Sciences	Identification And Validation Of Deregulated Cancer Pathways In Retinoblastoma	Dr. Vanniarajan Ayyasamy, Aravind Medical Research Foundation, Madurai, Tamil Nadu, 625020	4658200
773	Life Sciences	Health Sciences	Evaluation Of Balance Control And Pattern Of Muscle Activation From Functional Perspectives Across The Ages	Dr. Narinder Kaur Multani, Punjabi University, Patiala, Punjab, 147002	5458700
774	Life Sciences	Health Sciences	Chemical Genetic Approaches For Discovery Of Novel Antibacterials Against Antibiotic Resistant Gram-Negative Bacterial Pathogens	Dr. Ranjana Parthania, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	6473000
775	Life Sciences	Health Sciences	Transcriptomic Analysis Of Small Non-Coding RNAs In the Acid Tolerance Response Of Salmonella Typhimurium And Their Roles In Virulence	Dr. Mrutyunjay Suar, KIIT University, Bhubaneswar, Orissa, 751024	3105200
776	Life Sciences	Health Sciences	Targeting Triple Negative Breast Cancer (TNBC) By A Plant Derived Small Molecule: An In-Vitro And In-Vivo Approach	Dr. Dipak Datta, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	3646000
777	Life Sciences	Health Sciences	Use Of Recombinant Bacteriophage As A Novel Delivery Vehicle For Viral CTL Epitopes	Dr. Krishnan Sundar, Kalasalingam Academy of Research and Higher Education, Kalasalingam University, Virudunagar, Tamil Nadu,	4429600
778	Life Sciences	Health Sciences	Design, Synthesis And Evaluation Of Some Novel Allosteric Inhibitors Of Shp2 As A Current And Potential Drug Target For Cancers; Based On Newly Designed Small Molecular Ligand Library	Dr. Rajaganapathy Kaliyaperumal, Acharya & Bm Reddy College of Pharmacy, Bangalore, Karnataka, 560090	3203900
779	Life Sciences	Health Sciences	Evaluate The Neuroprotective Effects Of Genistein On Scopolamine Induced Amnesic Mice And Underlying Molecular Mechanism	Dr. Shivani Pandey, King George's Medical University, Lucknow, Uttar Pradesh, 226003	4831600
780	Life Sciences	Health Sciences	Functionality Of B Cells In Dengue And Chikungunya Co-Infections	Dr. Anmol Chande, International Centre for Genetic Engineering And Biotechnology (ICGEB), New Delhi, Delhi,	3844400

781	Life Sciences	Health Sciences	Functionality Of B Cells In Dengue And Chikungunya Co-Infections	Dr. Rajni Gaiind, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi, Delhi,	1809876
782	Life Sciences	Health Sciences	Elucidation Of Cellular Mechanisms Involving GUT Resident Regulatory T Cells In Probiotics Mediated Inhibition Of Osteoporosis	Dr. Rupesh Kumar Srivastava, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	6371800
783	Life Sciences	Health Sciences	Whole Gut And Intestinal Metagenome In Patients With Irritable Bowel Syndrome And Non-Celiac Gluten Sensitivity And Effect Of Gluten Free Diet	Dr. Govind K Makharia, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	6170400
784	Life Sciences	Health Sciences	Plasma Exosomal Micro RNA And Proteome Profiling In Autism Spectrum Disorder Children's: Probing For Biomarkers	Dr. Sarita Agarwal, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, Uttar Pradesh, 226014	6103600
785	Life Sciences	Health Sciences	A Study On The Differential Expression Of Piwi-Interacting RNAs (PiRNA) And Altered Piwi-Like Protein Interactions In Diabetic Retinopathy	Dr. Subhulakshmi Chidambaram, Pondicherry University, Puducherry, Puducherry, 605014	6350200
786	Life Sciences	Health Sciences	Chemical Biology Approaches To Exploit FIKK Kinase(S) From Plasmodium Falciparum To Develop Potent Anti-Malarials.	Dr. Vishal Trivedi, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	5120249
787	Life Sciences	Health Sciences	Studies To Delineate The Immunoregulatory Role Of PD-L1/PD-1 Pathway And Exploring It As A Potential Tool For Vaccination Strategies Against Visceral Leishmaniasis	Dr. Dipendra Kumar Mitra, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	2910800
788	Life Sciences	Health Sciences	Studies To Delineate The Immunoregulatory Role Of PD-L1/PD-1 Pathway And Exploring It As A Potential Tool For Vaccination Strategies Against Visceral Leishmaniasis	Dr. Anuradha Dube, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2559000
789	Life Sciences	Health Sciences	Studies To Delineate The Immunoregulatory Role Of PD-L1/PD-1 Pathway And Exploring It As A Potential Tool For Vaccination Strategies Against Visceral Leishmaniasis	Dr. Chandreshwar Prasad Thakur, Balaji Utthan Sansthan, Patna, Bihar,	374000

790	Life Sciences	Health Sciences	A Phase II/III Clinical Trial Evaluating Efficacy And Safety Of Hydroxychloroquine In Combination With Gemcitabine And Cisplatin In Muscle Invasive Urothelial Carcinoma Of Urinary Bladder	Dr. Shrawan Kumar Singh, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	1964000
791	Life Sciences	Health Sciences	Synthetic Functional Molecular Imprinted Organic Biomimetic Receptors For Selective Biomarkers Of Neurodegenerative Diseases	Dr. Chandran Karunakaran, Virudhunagar Hindu Nadars Senthilkumar Nadar College, Virudunagar, Tamil Nadu, 626001	2613950
792	Life Sciences	Health Sciences	Lymphocyte Reconstitution And Infectious Morbidity Post Autologous Hematopoietic Stem Cell Transplantation	Dr. Ranjit Kumar Sahoo, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	3908560
793	Life Sciences	Health Sciences	Mining The Secretome Of Plasmodium Falciparum Merozoites For Identification Of Novel Targets Involved In Blood Stage Malaria Parasite Infection	Dr. Shailja Singh, Jawaharlal Nehru University, New Delhi, Delhi, 110067	6749905
794	Life Sciences	Health Sciences	Role Of Nuclear Receptor PXR In Chronic Liver Disease With Altered Gut Microbiota	Dr. Shvetank Sharma, Institute of Liver & Biliary Sciences, New Delhi, Delhi, 110070	6941400
795	Life Sciences	Health Sciences	Investigating The Molecular Modulators Of Microglial Activation And Their Effect On JEV Pathogenesis	Dr. Arup Banerjee, Translational Health Science and Technology Institute, Faridabad, Haryana, 122016	4112000
796	Life Sciences	Health Sciences	Nanoparticle-Based Prophylactic Drug Delivery To The Corneal Endothelium	Dr. Sudhir Hulikal Ranganath, Siddaganga Institute of Technology, Tumkur, Karnataka, 572103	3504000
797	Life Sciences	Health Sciences	Investigating Metabolic Reprogramming In Stroke As A Consequence Of Homocysteine Induced Bidirectional Activation Of Neutrophils And Platelets	Dr. Manjunath B Joshi, Manipal University, Manipal, Karnataka, 576104	4004000
798	Life Sciences	Health Sciences	DNA Methylation Analysis In Specific Language Impairment	Dr. Anitha Ayyappan, Institute For Communicative And Cognitive Neurosciences, Kerala, Palakkad, Kerala, 679523	3630000

799	Life Sciences	Health Sciences	Glucocorticoid Receptor-Assisted Drug Sensitization (GRADS) In Colorectal Cancer Therapy: Nano-Therapeutic Strategy Towards Repurposing Of Anti-Cancer Drugs	Dr. Mrinal Kranti Ghosh, Indian Institute of Chemical Biology, Kolkata, West Bengal, 700032	1242000
800	Life Sciences	Health Sciences	Glucocorticoid Receptor-Assisted Drug Sensitization (GRADS) In Colorectal Cancer Therapy: Nano-Therapeutic Strategy Towards Repurposing Of Anti-Cancer Drugs	Dr. Rajkumar Banerjee, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	1825000
801	Life Sciences	Health Sciences	Fisetin: A Novel Drug In The Management Of Myocardial Ischemia Reperfusion Injury.	Dr. Gino A Kurian, Sastra University, Thanjavur, Tamil Nadu, 613401	3204000
802	Life Sciences	Health Sciences	Identification Of Chromatin Accessibility Domains In Exhausted T Cells From Human Breast Cancer	Dr. Satyanarayana Swamy Cheekatla, Gitam University, Vishakhapattanam, Andhra Pradesh, 530045	4978000
803	Life Sciences	Health Sciences	Engineering Intelligent Theranostic Nanocarrier For Targeted Therapy And Diagnosis Of Cancer	Dr. Kaustabh Kr Maiti, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	1278056
804	Life Sciences	Health Sciences	Age Related Changes in The Human Inferior Colliculus: A Morphological and Neurochemical Study	Dr. Tara Sankar Roy, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4386000
805	Life Sciences	Health Sciences	Engineering Intelligent Theranostic Nanocarrier For Targeted Therapy And Diagnosis Of Cancer	Dr. Sreelekha Tt, Regional Cancer Centre, Thiruvananthapuram, Kerala, 695011	3616000
806	Life Sciences	Health Sciences	An Approach Towards Investigating The Interplay Between MicroRNA 122 And AEG-1 Protein In Colon Cancer Progression	Dr. Surajit Pathak, Chettinad Academy of Research and Education, Chennai, Tamil Nadu, 603103	3066884
807	Life Sciences	Health Sciences	Targeted Genomic-Epigenomic Analysis To Develop A Novel Approach For Routine Molecular Subgrouping And Identification Of Actionable Targets In Meningioma	Dr. Vaishali Suri, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	3977800

808	Life Sciences	Health Sciences	Unraveling The Molecular Basis Of Cyanidin, A Natural Flavonoid On IL-17 Mediated Signaling And Th17 And Treg Cell Axis In Rheumatoid Arthritis Pathogenesis.	Dr. Rasool M, Vellore Institute of Technology, Vellore, Tamil Nadu, 632014	3632100
809	Life Sciences	Health Sciences	Modulation Of Chemoresistance In Acute Myeloid Leukemia By Nrf2 And Its Downstream Targets	Dr. Poonkuzhali B, Christian Medical College, Vellore, Tamil Nadu, 632004	4541600
810	Life Sciences	Health Sciences	Isolation And Characterization Of Antidiabetic Principles From Selected Traditional Medicinal Plants Using Animal Models	Dr. Muniappan Ayyanar, AVVM Sri Pushpam College, Thanjavur, Tamil Nadu, 613503	2519000
811	Life Sciences	Health Sciences	A Phase II Randomized Controlled Trial Elucidating The Gene Expression Profile Using Transcriptomic Analysis In Children With Autosomal Recessive Congenital Ichthyosis Treated With Vitamin D And Acitretin.	Dr. Sethuraman Gomathy, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4521400
812	Life Sciences	Health Sciences	Minimally Invasive Microneedles For Diagnosis And Treatment Of Ocular Tuberculosis: Development And Preclinical Studies	Dr. Hitendra Shaligram Mahajan, R C Patel Institute of Pharmaceutical Education and Research, Dhule, Maharashtra, 425405	1544800
813	Life Sciences	Health Sciences	Role Of Mitochondrial Dysfunction In Human Drug Resistant Temporal Lobe Epilepsy Due To Mesial Temporal Sclerosis	Dr. Anita Mahadevan, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	7387800
814	Life Sciences	Health Sciences	A Study On The Genes Implicated In Congenital Renal Abnormalities In Diabetic Patients	Dr. S Kanthi Mathi, Madras Diabetes Research Foundation, Chennai, Tamil Nadu, 600086	3414000
815	Life Sciences	Health Sciences	Identifying Innate Immunological Signatures In A Zinc Supplementation Trial In Infants Less Than 2 Months Of Age With Severe Infection.	Dr. Shailaja Sopory, Translational Health Science and Technology Institute, Faridabad, Haryana, 122016	5375000
816	Life Sciences	Health Sciences	Exploration Of Engineered Nanocarrier And Modulation Of The Tumor Microenvironment For Efficient Delivery Of Anticancer Molecule(S) To Solid Tumor	Dr. P N Gupta, Indian Institute of Integrative Medicine Jammu, Jammu, Jammu And Kashmir, 180001	3041000

817	Life Sciences	Health Sciences	Understanding The Role Of Vitamin D On Glomerular Basement Membrane (GBM) Constituents During Diabetic Nephropathy	Dr. Paramaahans Salimath, Jss Medical College, Mysore, Karnataka, 570004	5130000
818	Life Sciences	Health Sciences	RNA Binding Protein Pumilio-1 In Colon Cancer Progression And Metastasis	Dr. Satish Ramalingam, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	6191600
819	Life Sciences	Health Sciences	Role Of Cone Cell In The Morphogenesis Of Drosophila Eye	Dr. Monalisa Mishra, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	6702900
820	Life Sciences	Health Sciences	Construction Of Infectious Clone For Dengue Virus Serotype-1 And Screening Of Anti-Protease Molecules For Dengue Virus Infections	Dr. Musturi Venkataramana, University of Hyderabad, Hyderabad, Telangana, 500046	5277000
821	Life Sciences	Health Sciences	Thermosensitive And Enzyme Responsive Liposomal Formulations For Theragnosis Of Rheumatoid Arthritis	Dr. Nazma Najirahmed Inamdar, Government College of Pharmacy Amravati, Amravati, Maharashtra, 444604	1892000
822	Life Sciences	Health Sciences	MiRNA As Disease Modifier In HLA-DQ2/DQ8 Matched First-Degree Relatives Of Patients With Celiac Disease	Dr. Prasenjit Das, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	5097300
823	Life Sciences	Health Sciences	Understanding Role Of The MTOR Pathway In Response To Glucose And Acetate In Glioblastoma: A Functional Genomics And Proteomics Approach	Dr. Mekala Janaki Ramaiah, Sastra University, Thanjavur, Tamil Nadu, 613401	2176000
824	Life Sciences	Health Sciences	Understanding Role Of The MTOR Pathway In Response To Glucose And Acetate In Glioblastoma: A Functional Genomics And Proteomics Approach	Dr. Manika Pal Bhadra, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	918000
825	Life Sciences	Health Sciences	The Effect Of Different Wavelengths Of LED Light On Retina And Visual Cortex In Wistar Rats, And The Protection Against These Effects By Commercially Available Anti-Reflective Lenses	Dr. Sudarshan Surendran, Manipal University, Manipal, Karnataka, 576104	935000

826	Life Sciences	Health Sciences	Embryo-Uterine Cross-Talk For Implantation & Beyond: Role For Exosomal MicroRNAs	Dr. Surabhi Gupta, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4417800
827	Life Sciences	Health Sciences	Computational Ecotoxicological Modeling And Risk Assessment Of Selected Classes Of Pesticides Using Chemometric Tools	Dr. Partha Pratim Roy, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, 495009	2535000
828	Life Sciences	Health Sciences	Can Gut Inflammation And Gut Injury Be Reduced In Low Birth Weight Infants In Poor Socioeconomic Settings - A Randomized Controlled Trial To Evaluate The Effect Of Kangaroo Mother Care	Dr. Bireshwar Singh, Centre for Health Research and Development Society for Applied Sciences, Delhi, Delhi, 110016	2816000
829	Life Sciences	Health Sciences	Nanocarrier Based Formulations Of Taxanes For Targeted Locoregional Delivery In Treatment Of Ovarian Cancer By Intraperitoneal Route	Dr. Subheet Kumar Jain, Guru Nanak Dev University, Amritsar, Punjab, 143005	2934000
830	Life Sciences	Health Sciences	Interaction Between Nrf2 Signaling And BDNF-Dopaminergic Circuit In Brain: Molecular Mechanism For Development Of Nicotine-Induced Drug Addictive Neurobehavioral Disorders In Rats	Dr. Nibedita Naha, National Institute of Occupational Health, Ahmedabad, Gujarat, 380016	3258144
831	Life Sciences	Health Sciences	Evaluation of Safinamide In Experimental Model of Stroke and Post Stroke Seizure Behaviour In Rats	Dr. Reeta Kh, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	2761440
832	Life Sciences	Health Sciences	Preclinical Genome Editing Approach For The Treatment Of Beta-Globin Disorders	Dr. Mohankumar K Murugesan, Christian Medical College, Vellore, Tamil Nadu, 632004	4541600
833	Life Sciences	Health Sciences	Analysis Of Mitochondrial Dynamicity Post Drug Exposure In Human Glioblastoma Cells And Understanding Its Correlation With Drug Resistance.	Dr. Sudeshna Mukherjee, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	2789000
834	Life Sciences	Health Sciences	Design and Synthesis of Cyanopyrimidine Derivatives Targeting Histone Demethylase 1 As Potential Anticancer Agents	Dr. Mohammad Shaquiquzzaman, Jamia Hamdard, New Delhi, Delhi, 110062	2658800

835	Life Sciences	Health Sciences	Molybdenum Disulphide Nanotemplates Based Electrochemical Nanosensor For Food Toxins AFB1 And AFM1	Dr. Akash Deep, Central Scientific Instruments Organisation, Chandigarh, Chandigarh, 160030	2846000
836	Life Sciences	Health Sciences	Targeting Cancer Associated Fibroblasts For Metastasis Inhibition In BRCA1 Defective Cancer	Dr. Priya Srinivas, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	2980800
837	Life Sciences	Health Sciences	Deciphering The Role Of Sumoylation During Mycobacterium Tuberculosis Infection	Dr. K Natarajan, Dr B R Ambedkar Centre For Biomedical Research, New Delhi, Delhi, 431004	5453000
838	Life Sciences	Health Sciences	Exploring The Link Between The RNA Binding Protein IGF2BP3, Long Non-Coding RNA Linc-RoR And Their Targets In Migration And Invasion Of Epithelial Cancer Cell Lines	Dr. Parthaprasad Chattopadhyay, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4174550
839	Life Sciences	Health Sciences	ROLE OF SOLUBLE UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR (SUPAR) AS A PREDICTOR OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE SEVERITY.	Dr. Rekha Dhandapani, Pondicherry Institute of Medical Sciences, Puducherry, Tamil Nadu, 605014	984500
840	Life Sciences	Health Sciences	Nanoengineered Oral Biomineral-Peptide Autoantigen Formulation For The Treatment Of Autoimmune Disease	Dr. Krishna Kumar N Menon, Amrita Institute of Medical Sciences & Research Centre, Kochi, Kerala, 682041	3631700
841	Life Sciences	Health Sciences	Role Of Altered DDAH1 Expression In Prostate Cancer Progression And Its Molecular Regulation Promoting Cancer Metastasis	Dr. Ramesh Ummanni, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500607	3583520
842	Life Sciences	Health Sciences	Synthesis, Development And Efficacy Studies Of Chlorotoxin Functionalized Hollow Gold Nanoparticles For Therapy Of Glioblastoma	Dr. Munira M Momin, Svkm's Dr Bhanuben Nanavati College of Pharmacy, Mumbai, Maharashtra, 400056	2711500

843	Life Sciences	Health Sciences	Investigation On Role Of Neuron-Glial Activation Leading To Neuronal Loss As An Early Marker Of Diabetic Retinopathy Using Transcriptomics And High-Resolution Imaging Based Approaches	Dr. Lopamudra Giri, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	1045000
844	Life Sciences	Health Sciences	Investigation On Role Of Neuron-Glial Activation Leading To Neuronal Loss As An Early Marker Of Diabetic Retinopathy Using Transcriptomics And High-Resolution Imaging Based Approaches	Dr. Inderjeet Kaur, Hyderabad Eye Research Foundation, Hyderabad, Telangana,	3592800
845	Life Sciences	Health Sciences	Expression Of Natural Killer (NK) Cell Receptors And Their Association With Ovarian Cancer	Dr. Jayanti Mania Pramanik, National Institute for Research in Reproductive Health, Mumbai, Maharashtra, 400012	3024000
846	Life Sciences	Health Sciences	TRP Channels: Potential Therapeutic Target For Antipsychotics-Induced Metabolic Alterations	Dr. Anurag Kuhad, Panjab University, Chandigarh, Chandigarh, 160014	2263000
847	Life Sciences	Health Sciences	Isolation Of Anti-Anal Fistula Bioactive(S) From The Roots Of Cissus Repanda: Scientific Evaluation Of Evidence Based Practice	Dr. Pravin Shridhar Wakte, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, 431004	2005200
848	Life Sciences	Health Sciences	EVALUATING THE ROLE OF PERIOSTIN AS A NOVEL BIOMARKER IN ASTHMATICS OF PUDUCHERRY	Dr. Sathya G R, Pondicherry Institute of Medical Sciences, Puducherry, Tamil Nadu, 605014	677150
849	Life Sciences	Health Sciences	NGS Based Targeted Sequencing Of Alternate Complement Pathway Related Genes In C3 Glomerulopathy And Their Clinical Relevance	Dr. Ritambhara Nada Duseja, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	4489500
850	Life Sciences	Health Sciences	Efficacy Of Photoperiod Manipulation In Establishing Stress Integration And Cognitive Recovery In Ventral Subicular-Lesioned Rats: A Behavioural And Molecular Study	Dr. Bindu M Kutty, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	4078000

851	Life Sciences	Health Sciences	In Vitro Analysis Of The Anticancer Properties Of Indian Red Scorpion Venom In Oral And Breast Cancer Cell Lines	Dr. Austin Richard S, Coorg Institute of Dental Sciences, Virajpet, Karnataka, 571218	2671600
852	Life Sciences	Health Sciences	Strategy To Combat Statins Induced Diabetes And Its Complication	Dr. Krishnadas Nandakumar, Manipal University, Manipal, Karnataka, 576104	2648800
853	Life Sciences	Health Sciences	Characterization Of Novel TGF- β 1/SMAD Regulated MicroRNAs In The Rat Model Of Oral Submucous Fibrosis And The Effect Of Resveratrol As An Anti-Fibrotic Agent	Dr. Raghu Anekal Radhakrishnan, Manipal University, Manipal, Karnataka, 576104	3448500
854	Life Sciences	Health Sciences	Synthesis And Pharmacological Evaluation Of Novel C-Met Inhibitors For Treatment Of Carcinomas	Dr. Urmila Jaideep Joshi, Principal K M Kundnani College of Pharmacy, Mumbai, Maharashtra, 400005	2842000
855	Life Sciences	Health Sciences	Understanding The TGF β 1/Mmp Regulatory Network And Comparative Analysis Of The Proteome During Retina, Heart And Fin Regeneration, Using Lessons From Zebrafish	Dr. Rajesh Ramachandran, Indian Institute of Science Education and Research Mohali, Chandigarh, Chandigarh, 140306	4848000
856	Life Sciences	Health Sciences	Extraction Socket Regeneration: A Comparative Evaluation Of Physiologically Healed Bone Vs. Grafted Bone In Terms Of Bone Quality, Width And Implant Stability	Dr. Puja Malhotra, S G T University, Gurgaon, Haryana, 122505	770000
857	Life Sciences	Health Sciences	Investigating The Role Of JWA/Arl6ip5/GTRAP3-18 In The Regulation Of Autophagy In Neuronal Cells And Neurodegenerative Disorders.	Dr. Sarika Gupta, National Institute of Immunology, New Delhi, Delhi, 110067	3883000
858	Life Sciences	Health Sciences	To Explore The Neuroprotective Mechanisms Of BCG Vaccine Against Animal Models Of Parkinson's Disease, Huntington's Disease And Tardive Dyskinesia	Dr. Puneet Kumar Bansal, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab, 151001	3163882
859	Life Sciences	Health Sciences	Pre-Clinical Evaluation Of Three Investigational New Drugs (INDs) As Cancer Chemotherapeutics	Dr. Arvind Singh Negi, Central Institute of Medicinal and Aromatic Plants, Lucknow, Uttar Pradesh, 226015	2905000

860	Life Sciences	Health Sciences	Epidemiology Of Invasive Phaeohyphomycosis And Evaluation Of Host Factors And Antifungal Susceptibility	Dr. Harsimran Kaur, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	4160700
861	Life Sciences	Health Sciences	Synthesis And Development Of Novel HSP90 Inhibitors As Potential Anti-HIV Candidate Molecules And Elucidation Of Their Mechanism Of Inhibition	Dr. Ashoke Sharon, Birla Institute of Technology Mesra, Ranchi, Ranchi, Jharkhand, 835215	2338400
862	Life Sciences	Health Sciences	Synthesis And Development Of Novel HSP90 Inhibitors As Potential Anti-HIV Candidate Molecules And Elucidation Of Their Mechanism Of Inhibition	Dr. Debashis Mitra, National Centre for Cell Science, Pune, Maharashtra, 411007	2555800
863	Life Sciences	Health Sciences	Development And Validation Of Glomerular Filtration Rate Estimating Equation In Indian Population	Dr. Vivek Kumar, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	6198500
864	Life Sciences	Health Sciences	Effect Of New Selective H4R Antagonist N-(2-Aminoethyl)-5chloro-1H-Indol-2-Carboxamides In A Mouse Model Of Allergic Asthma	Dr. Berla Thangam Elden, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	3630000
865	Life Sciences	Health Sciences	An Investigation To Find Out Genetic Factors In Idiopathic Familial Ovarian Failure	Dr. Ashutosh Halder, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4966800
866	Life Sciences	Health Sciences	To Study the Prevalence of FSH Receptor Gene Polymorphisms in Infertile and Fertile Indian Women and Evaluate Response to Ovarian Stimulation in The Infertile Subset Undergoing IVF/ICSI	Dr. Reeta Mahey, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	3754440
867	Life Sciences	Health Sciences	Skeletal Muscle Fluorosis: Effects Of Fluoride On Skeletal Muscle Cells And Its Associated Mechanisms In Vitro And In Vivo Studies	Dr. Sudheer P Shenoy, Yenepoya University, Mangalore, Karnataka, 575018	3111600

868	Life Sciences	Health Sciences	Understanding The Mechanistics Of Resistance To Tyrosine Kinase Inhibitors In Non-Small Cell Lung Cancer Patients.	Dr. Amit Dutt, Advanced Centre for Treatment Resarch & Education in Cancer, Tata Memorial Centre, Mumbai, Maharashtra, 410210	7182400
869	Life Sciences	Health Sciences	Regulation Of Development Of Pathogenic T-Helper 17 Cells In Collagen Induced Arthritis	Dr. Mohan R Wani, National Centre for Cell Science, Pune, Maharashtra, 411007	5922800
870	Life Sciences	Health Sciences	Evaluation Of The Kinetics Of Serum MicroRNAs And Circulating Tumor Cells (CTCs) In The Prediction Of Therapeutic Response And Prognostication Of The Newly Diagnosed Multiple Myeloma	Dr. Prashant Ramesh Tembhare, Advanced Centre for Treatment Research & Education In Cancer, Tata Memorial Centre, Mumbai, Maharashtra, 410210	5260520
871	Life Sciences	Health Sciences	Mechanism Of Triglyceride Mediated Control Of Inflammation In Tuberculosis Infection	Dr. Sheetal Gandotra, Institute of Genomics and Integrative Biology, Delhi, Delhi, 110007	5687800
872	Life Sciences	Health Sciences	Identification Of Novel Molecular Mediators Instructing Altered Adipogenic Programs In Mesenchymal Stem Cells (MSCs) Exposed To Pro-Inflammatory Cytokine, IFNgamma	Dr. Jyothi Prasanna, Manipal University, Manipal, Karnataka, 576104	5003600
873	Life Sciences	Health Sciences	Neuroprotective And Neuritogenic Effects Of A Cell-Permeable Bacterial Histone-Mimic Protein: Therapeutic Implications For Neurodegenerative Pathologies	Dr. Sudeshna Kar, Jamia Hamdard, New Delhi, Delhi, 110062	5042800
874	Life Sciences	Health Sciences	Neuroprotective And Neuritogenic Effects Of A Cell-Permeable Bacterial Histone-Mimic Protein: Therapeutic Implications For Neurodegenerative Pathologies	Dr. Shubha Shukla, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	1674000
875	Life Sciences	Health Sciences	Studies On Potential Drug-Drug Interactions Between Vincristine And Berberine When Used In Combination With The Purpose Of Enhancing Anticancer Activity And Reducing The Neurotoxicity Of Vincristine.	Dr. Krishna Ramalingam Iyer, Bombay College of Pharmacy, Mumbai, Maharashtra, 400098	4747800

876	Life Sciences	Health Sciences	Crosstalk Between TGF β Signaling And The Epigenetic States In Driving Tumorigenesis.	Dr. Noopur Thakur, Ahmedabad University, Amreli, Gujarat, 380009	4454312
877	Life Sciences	Health Sciences	Targeted Solid Lipid Nanoparticulate Delivery System Of B-Caryophyllene Oxide Containing N-3 Polyunsaturated Fatty Acid As Anticancer Nanocarrier For Treatment Of Breast Cancer	Dr. Supriya Shrihari Shidhaye, Vivekanand Education Society's (VES) College of Pharmacy, Mumbai, Maharashtra, 400074	2791000
878	Life Sciences	Health Sciences	Targeted Solid Lipid Nanoparticulate Delivery System Of B-Caryophyllene Oxide Containing N-3 Polyunsaturated Fatty Acid As Anticancer Nanocarrier For Treatment Of Breast Cancer	Dr. Pradip Ramdas Chaudhari, Tata Memorial Hospital, Mumbai, Maharashtra, 400012	885000
879	Life Sciences	Health Sciences	Evaluation Of Plasma Exosomal Proteins As Biomarkers For Alzheimer's Disease	Dr. Sarada Subramanian, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	3638000
880	Life Sciences	Health Sciences	PCR Restriction Enzyme Analysis For Diagnosis Of Candidemia: Comparison With Automated Methods, Antigen Detection, Biochemical Methods And Virulence Factors Estimation.	Dr. Gopa Banerjee, King George's Medical University, Lucknow, Uttar Pradesh, 226003	3211670
881	Life Sciences	Health Sciences	Evaluating The Effect Of Alpha Linolenic Acid (ALA), An Omega 3 Fatty Acid, On Modulation Of Epigenetic Markers In Cervical Cancer Cell Lines	Dr. Ruchika Kaul Ghanekar, Bharati Vidyapeeth Deemed University, Pune, Maharashtra, 411043	3316800
882	Life Sciences	Health Sciences	Branch Chain Amino Acid Biosynthesis In Mycobacterium Tuberculosis And Relevance Of Ketol-Acid Reductoisomerase For Antimycobacterial Drug Discovery.	Dr. Sudheer Kumar Singh, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	2815250
883	Life Sciences	Health Sciences	Dissecting The Functional Genomic Basis Of Rare Eye Diseases In Children	Dr. Subhabrata Chakrabarti, Hyderabad Eye Research Foundation, Hyderabad, Telangana, 500034	6265800

884	Life Sciences	Health Sciences	Role Of Lupeol On Chemosensitization Of Cancer Stem Cells By Targeting CFLIP/Beta-CATENIN-AR/NANOG-CMYC Module Both In Vitro And In A Mouse Model Of Prostate Cancer.	Dr. Hifzur Rahman Siddique, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	4549000
885	Life Sciences	Health Sciences	Study Of Immunopathogenesis And Disease Dynamics Of Pneumocystis Jirovecii Pneumonia (Pneumocystis Pneumonia)	Dr. Bijay Ranjan Mirdha, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	3647800
886	Life Sciences	Health Sciences	Defining The Molecular Landscape Of Ependymomas To Identify Therapeutically Targetable Epigenetic Alterations	Dr. Kirti Gupta, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	5288000
887	Life Sciences	Health Sciences	Identification Of The Latent Tuberculosis Specific Marker By The Immunoproteomic Analysis Of The Cell Wall And Membrane Proteins Of M. Tuberculosis	Dr. Jayaprakash N S, Vit University, Vellore, Tamil Nadu, 632014	2396600
888	Life Sciences	Health Sciences	Identification Of The Latent Tuberculosis Specific Marker By The Immunoproteomic Analysis Of The Cell Wall And Membrane Proteins Of M. Tuberculosis	Dr. Uma Devi Ranganathan, National Institute for Research in Tuberculosis, Chennai, Tamil Nadu, 600031	2677968
889	Life Sciences	Health Sciences	Burden And Acquisition Of Candida Tropicalis Bloodstream Infections In Healthcare Settings And To Study The Mechanism Of Echinocandin Resistance Of This Yeast	Dr. Shivaprakash M Rudramurthy, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	4606656
890	Life Sciences	Health Sciences	Optical Coherence Tomography Curvature As A New Modality To Evaluate Efficacy Of Corneal Crosslinking And Corneal Transplantation	Dr. Himanshu Matalia, Narayana Nethralaya Foundation, Bangalore, Karnataka, 560099	2051800
891	Life Sciences	Health Sciences	Identification And Characterization Of MicroRNAs Controlled By Mutations In Phex Gene, A Regulator Of X-Linked Hypophosphatemic Rickets, An Intrinsic Bone Mineralization Defect	Dr. Divya Singh, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	3183360

892	Life Sciences	Health Sciences	To Elucidate The Role Of MAPKAPK2 (MK2) In Inflammation Mediated Lymphangiogenesis During Myocardial Infarction.	Dr. Kumaravelu Jagavelu, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	5832000
893	Life Sciences	Health Sciences	Dual Inhibitors Of EGFR And HDAC As Anti-Lung Cancer Agents: Design, Synthesis And Biological Evaluation	Dr. Raj Kumar, Central University of Punjab, Bathinda, Punjab, 151001	4161530
894	Life Sciences	Health Sciences	Role Of Hydrogen Sulphide As A Pharmacological Modulator In Adverse Pregnancy Outcomes Like Preeclampsia	Dr. Renu Dhingra, All India Institute of Medical Sciences, Delhi, New Delhi, Delhi, 110029	4521400
895	Life Sciences	Health Sciences	Studies To Delineate The Molecular Nexus Between Systemic Infection, Serotonin Biosynthesis And Neurocognitive Decline Using Chronic Infection Model In Rodents.	Dr. Surajit Ganguuly, Jamia Hamdard, New Delhi, Delhi, 110062	5764400
896	Life Sciences	Health Sciences	CD8 Subsets In Rheumatoid Arthritis And Change With Methotrexate Therapy	Dr. Varun Dhir, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh, 160012	4107000
897	Life Sciences	Health Sciences	Development of A Novel Three Dimensional Self Aggregating Peptide Fiber As An Implant For Brain Tumors	Dr. G S Vinod Kumar, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	4328000
898	Life Sciences	Health Sciences	Susceptibility Of Brain White Matter To Inflammatory Mediators In Parkinsons Disease: An Exploratory DTI Study	Dr. Jitender Saini, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	3638000
899	Life Sciences	Health Sciences	Studies on The Efficacy of Neferine Againstdoxorubicin Induced Cardiomyopathy	Dr. Vijaya Padam Viswanadha, Bharathiar University, Coimbatore, Tamil Nadu, 641046	4048000
900	Life Sciences	Health Sciences	Surface Expression Of Glucagon Like Peptide-1 On Indigenous Probiotic Lactobacillus For Management Of Type 2 Diabetes	Dr. Ashok Kumar Yadav, Central University of Jammu, Jammu, Jammu And Kashmir,	1869880

901	Life Sciences	Health Sciences	Surface Expression Of Glucagon Like Peptide-1 On Indigenous Probiotic Lactobacillus For Management Of Type 2 Diabetes	Dr. Ashwani Kumar, Central University of Haryana, Mahendragarh, Haryana, 123001	2786215
902	Life Sciences	Health Sciences	Technology For Lactucaxanthin Preparation From Agri Produce And Its Supplemented Food Formulation To Study Their Retinal Angiogenic Regulation In Hyperglycemic Experimental Model.	Dr. Baskaran V, Central Food Technological Research Institute, Mysore, Karnataka, 570020	2198000
903	Life Sciences	Health Sciences	Investigation Of Immunological, Virological And Host Factors That Influence CMV Reactivation Among Allogeneic Stem Cell Transplant Recipients In An Indian Population	Dr. Mary Asha Abraham, Christian Medical College, Vellore, Tamil Nadu, 632004	2310000
904	Life Sciences	Health Sciences	Investigation Of The Role Of Small RNAs In Genomic Imprinting	Dr. Rajender Singh, Central Drug Research Institute, Lucknow, Uttar Pradesh, 226031	3607200
905	Life Sciences	Health Sciences	Immunocharacterization Of Lipopolysaccharide (LPS) From Leptospira: Towards Development LPS Based Vaccine	Dr. Syed Mohd Faisal, National Institute of Animal Biotechnology, Hyderabad, Telangana, 500049	3678745
906	Life Sciences	Health Sciences	Immunocharacterization Of Lipopolysaccharide (LPS) From Leptospira: Towards Development LPS Based Vaccine	Dr. Perali Ramu Sridhar, University of Hyderabad, Hyderabad, Telangana, 500046	2283687
907	Life Sciences	Health Sciences	Design, Microwave Assisted Synthesis And Antmalarial Evaluation Of Hybrid Para-Amino- Benzoic Acid- 1,3,5-Triazine Derivatives	Dr. Surajit Kumar Ghosh, Dibrugarh University, Dibrugarh, Assam, 786004	1861000
908	Life Sciences	Health Sciences	Design, Microwave Assisted Synthesis And Antmalarial Evaluation Of Hybrid Para-Amino- Benzoic Acid- 1,3,5-Triazine Derivatives	Dr. Saurav Jyoti Patgiri, Regional Medical Research Centre, North East Region, Dibrugarh, Assam,	1604000
909	Life Sciences	Health Sciences	Designing And Experimental Validation Of Inhibitor For RecA Protein Of Acinetobacter Baumannii: An Addition To The Current Antibiotics And Disinfectants	Dr. Vishvanath Tiwari, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	2816000

910	Life Sciences	Health Sciences	A Pilot Preclinical Study On Nanomedicine Based Protein Replacement Therapy For Retinoschisis, An Inherited Retinal Degenerative Disease.	Dr. Jayamuruga Pandian Arunachalam, Sri Balaji Vidyapeeth, Puducherry, Puducherry, 607402	4518775
911	Life Sciences	Health Sciences	Exosomes From Human Pluripotent Stem Cell Derived GABAergic Interneuron Progenitors: Next Generation Vehicles For Treating GABA Disorders?	Dr. Dinesh Upadhy, Manipal University, Manipal, Karnataka, 576104	4328150
912	Life Sciences	Health Sciences	A Smart Alginate-Pectin-Selenium Nanoparticle Scaffold And Its Application In Cardiac Tissue Engineering	Dr. Azhaguchamy Muthukumaran, Kalasalingam Academy of Research and Higher Education, Kalasalingam University, Virudunagar, Tamil Nadu, 626190	1788000
913	Life Sciences	Health Sciences	Molecular Manipulation And Hybrid Strategy In Design And Discovery Of Cytochrome Bc1 Inhibitors As Potent Leads For Drug Resistant Tuberculosis	Dr. Ramalingam P, Raghavendra Institute of Pharmaceutical Education and Research, Anantapur, Andhra Pradesh, 515721	2545800
914	Life Sciences	Health Sciences	Optimizing The Processes For Isolation, Preservation, Transportation And Delivery Of Human Limbus-Derived Stromal/ Mesenchymal Stem Cells For Clinical Use In A CGMP Facility	Dr. Sayan Basu, Hyderabad Eye Research Foundation, Hyderabad, TELANGANA, 500034	3647800
915	Life Sciences	Health Sciences	Next Generation Sequencing To Investigate Mitochondrial Mutation Spectrum In Movement Disorders	Dr. Babylakshmi Muthusamy, Institute of Bioinformatics, Bangalore, Karnataka, 560066	4495800
916	Life Sciences	Health Sciences	Evaluation Of Immunogenicity And Protective Efficacy Of Bivalent Vaccine Candidate Against Shigella And Salmonella Using Food Grade Bacteria Lactococcus Lactis	Dr. Vainav Patel, National Institute for Research in Reproductive Health, Mumbai, Maharashtra,	918000
917	Life Sciences	Health Sciences	Evaluation Of Immunogenicity And Protective Efficacy Of Bivalent Vaccine Candidate Against Shigella And Salmonella Using Food Grade Bacteria Lactococcus Lactis	Dr. Priti Desai, University and Institute of Advanced Research, Gandhinagar, Gujarat, 382007	2720200

918	Life Sciences	Health Sciences	Development of Probiotic Therapy For Enhancing Urolithin Production By Using Bacterial Flora Of Human Origin	Dr. Sabu Thomas, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	4030800
919	Life Sciences	Health Sciences	Application Of Human iPSCs Derived 3D Neuronal Niche: A High-Throughput System To Screen The Developmental Neurotoxicity Potential Of Chemicals/ Drugs	Dr. A B Pant, Indian Institute of Toxicology Research, Lucknow, Uttar Pradesh, 226001	4083000
920	Life Sciences	Health Sciences	Investigating On Antibacterial Effect Of Bismuth Vanadate On Multi-Drug Resistant Staphylococcus Aureus Infection	Dr. Murugan Sevanan, Karunya University, Coimbatore, Tamil Nadu, 641114	2631000
921	Life Sciences	Health Sciences	Understanding Molecular Mechanisms Of Therapy Resistance In Glioblastoma Using Pre- Clinical Orthotopic Mouse Models	Dr. Shilpee Dutt, Tata Memorial Hospital, Mumbai, Maharashtra, 400012	6086482
922	Life Sciences	Health Sciences	Identification And Functional Characterization Of Novel Nuclear Genes Associated With Mitochondrial Dysfunction And Diseases	Dr. Kumarasamy Thangaraj, Centre for Cellular and Molecular Biology, Hyderabad, TELANGANA, 500007	7270000
923	Life Sciences	Health Sciences	Molecular Manipulation And Hybrid Strategy In Design And Discovery Of Cytochrome Bc1 Inhibitors As Potent Leads For Drug Resistant Tuberculosis	Dr. Azgar Dusthacker Vn, National Institute for Research in Tuberculosis, Chennai, Tamil Nadu,	1688250
924	Life Sciences	Health Sciences	Evaluation Of Antifungal Activity Of Lipopeptides From A Wild-Type Bacillus Sp. RLID 12.1 In Mouse Models Of Invasive Candidiasis, Cryptococcosis, And Aspergillosis	Dr. Arunalohe Chakrabarti, Post Graduate Institute of Medical Education and Research, Chandigarh, Chandigarh,	4077100
925	Life Sciences	Health Sciences	Evaluation Of Antifungal Activity Of Lipopeptides From A Wild-Type Bacillus Sp. RLID 12.1 In Mouse Models Of Invasive Candidiasis, Cryptococcosis, And Aspergillosis	Dr. Utpal Roy, Birla Institute of Technology and Science Pilani-Goa, Zuarinagar, Goa, 403726	2459000

926	Life Sciences	Health Sciences	Perturbation In Metabolic Pathways Might Drive Avascular Necrosis Of Femoral Head By Modulating Bone Biology: Mechanisms, Potential Biomarkers And Therapeutic Targets	Dr. Venketesh Sivaramakrishnan, Sri Sathya Sai Institute of Higher Learning, Anantapur, Andhra Pradesh, 515134	6081600
927	Life Sciences	Health Sciences	Differentiation Of Human Pluripotent Stem Cells Into Functional B Islets Using Bioactive Lipids	Dr. Bipasha Bose, Yenepoya University, Mangalore, Karnataka, 575018	5311600
928	Life Sciences	Health Sciences	Smartphone Based Self Reporting System For The Assessment Of Catastrophic Health Expenditures - A Participatory Approach To Household Surveys	Dr. Prasanna Samuel Premkumar, Christian Medical College, Vellore, Tamil Nadu, 632004	6831790
929	Life Sciences	Health Sciences	Exploring The Role Of The Basal Ganglia-Thalamo-Cortical And Cerebello-Thalamo-Cortical Networks In The Pathogenesis Of Postural And Rest Tremors In Parkinson's Disease And Essential Tremor Using Simultaneous EMG-FMRI And Diffusion Tensor Imaging	Dr. Pramod Kumar Pal, National Institute of Mental Health and Neuro Sciences, Bangalore, Karnataka, 560029	3822548
930	Life Sciences	Health Sciences	Topical Delivery Of Therapeutic Loaded Bioglass Assembly For Bone Regeneration	Dr. Munia Ganguli, Institute of Genomics and Integrative Biology, Delhi, Delhi,	1242000
931	Life Sciences	Health Sciences	Topical Delivery Of Therapeutic Loaded Bioglass Assembly For Bone Regeneration	Dr. Deenan Santhiya, Delhi Technological University, New Delhi, Delhi, 110042	2270800
932	Life Sciences	Health Sciences	A Novel Nanotechnology Based Approach Of Glioma Therapy By Targeting HAUSP -MDM2 Axis In Combination With Temozolomide	Dr. Mrinal Kanti Ghosh, Indian Institute of Chemical Biology, Kolkata, West Bengal, 700032	4013800
933	Life Sciences	Health Sciences	Unraveling The NEDD9-Vimentin Nexus In Head And Neck Squamous Cell Carcinoma Interceded Cellular Invasion And Metastasis For Cancer Therapeutics	Dr. Prabhakar B T, Kuvempu University, Shimoga, Karnataka, 577451	6739600
934	Life Sciences	Health Sciences	Ex Vivo Culture And Characterization Of Corneal Endothelial Cells For Transplantation	Dr. Charanya Ramachandran, Hyderabad Eye Research Foundation, Hyderabad, Telangana, 500034	4915910

935	Life Sciences	Health Sciences	Unfolded Protein Response: Achilles Heels Of Fungal Pathogenesis	Dr. Mohammad Aminul Mannan, Lovely Professional University, Jalandhar, Punjab, 144411	3641000
936	Life Sciences	Health Sciences	Unfolded Protein Response: Achilles Heels Of Fungal Pathogenesis	Dr. Manish Kumar, University of Delhi South Campus, New Delhi, Delhi, 110021	781000
937	Life Sciences	Health Sciences	Synergistic A2BR Inhibitor/Paclitaxel Combination Therapy For Triple Negative Breast Cancer Treatment	Dr. Seema Sherawat, Shiv Nadar University, Gautambudh Nagar, Uttar Pradesh,	3979240
938	Life Sciences	Health Sciences	Synergistic A2BR Inhibitor/Paclitaxel Combination Therapy For Triple Negative Breast Cancer Treatment	Dr. Hardik Jeetendra Pandya, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	550000
939	Life Sciences	Health Sciences	Carbon Nanodots Caged Nano-Gel For Therapeutic Drug Delivery Of Latanoprost For Glaucoma Management	Dr. Sudhakaraprasad K, Yenepoya University, Mangalore, Karnataka, 575018	3769120
940	Life Sciences	Health Sciences	Functional Evaluation of Lipoproteins Rather Than Traditional Castelli Index As Better Risk Predictor For Atherosclerosis	Dr. Kalaiselvi Periandavan, University of Madras, Chennai, Tamil Nadu, 600005	6441360
941	Life Sciences	Health Sciences	Genome Mining Of Pichia Pastoris For The Development Of Yeast Cell Surface Display Technology Using Its Native Cell Wall Anchoring Proteins: Bioprocess Optimization And Its Biotechnological Applications	Dr. Yogender Pal Khasa, University of Delhi South Campus, New Delhi, Delhi, 110021	3958660
942	Life Sciences	Health Sciences	Synthesis, Development And Biochemical Activities Of Some Novel Microtubule-Disrupting Quinazolin-4-Ylamines As Antiproliferative Agents	Dr. Prince Prashant Sharma, Gurukula Kangri University, Haridwar, Uttarakhand,	2356080
943	Life Sciences	Health Sciences	"Regulation Of Fear Memory Formation By Long Non-Coding RNAs And RNA Binding Proteins: Mechanisms Of Combinatorial Control"	Dr. Sourav Banerjee, National Brain Research Centre, Gurgaon, Haryana,	5239000

944	Life Sciences	Health Sciences	A Comparative Study To Evaluate The Effect Of Administering Whole Versus Crushed Solid Oral Dosage Forms On PK Of Drugs In Cancer Patients	Dr. Manjunath Nookala Krishnamurthy, Tata Memorial Hospital, Mumbai, Maharashtra, 400012	2732000
945	Life Sciences	Health Sciences	Regulation Of C - Type Lectin Receptor - 2 Expression In Dendritic Cells By Leishmania Donovanii.	Dr. Pradip Sen, Institute of Microbial Technology, Chandigarh, Chandigarh, 160036	4125000
946	Life Sciences	Health Sciences	Role Of Histone Acetylation In Esophageal Squamous Cell Carcinoma Neovascularization	Dr. Rana P Singh, Jawaharlal Nehru University, New Delhi, Delhi, 110067	330000
947	Life Sciences	Health Sciences	Role Of Histone Acetylation In Esophageal Squamous Cell Carcinoma Neovascularization	Dr. Nazir Ahmad Dar, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	5251000
948	Life Sciences	Health Sciences	Development Of Thermoresponsive Polymer Nanogels For Sustained Release Of Bevacizumab Towards Efficient Treatment Of Diabetic Macular Edema	Dr. Renjith P Johnson, Yenepoya University, Mangalore, Karnataka, 575018	3878725
949	Life Sciences	Health Sciences	"Probing The Functional And Regulatory Role Of M6A Reversible RNA Methylation In Skeletal Myogenesis And Muscle Wasting"	Dr. Piyush Khandelia, Birla Institute of Technology and Science Pilani-Hyderabad, Hyderabad, Telangana, 500078	5558360
950	Life Sciences	Health Sciences	Role Of SIRT6 In Skeletal Muscle Degeneration Of Diabetic Mice	Dr. Ravi Sundaresan Nagalingam, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	6162000
951	Life Sciences	Health Sciences	Study To Develop Alternate Sampling Strategies To Measure Tacrolimus And Creatinine – To Facilitate Domiciliary Care Of Transplant Patients	Dr. Binu Susan Mathew, Christian Medical College, Vellore, Tamil Nadu,	3832452
952	Life Sciences	Health Sciences	Targeting P75NTR Signaling Pathway As A Therapeutic Strategy For Contusion Spinal Cord Injury Repair. Implications For Failures In Stem Cell Therapies	Dr. Sankar Venkatachalam, University of Madras, Chennai, Tamil Nadu, 600005	4689360

953	Life Sciences	Health Sciences	Transforming Growth Factor-B1 Activates Runx2, A Bone Transcription Factor By A Phosphorylation-Acetylation Cascade For Matrix Metalloproteinase-13 Expression In Osteoblastic Cells	Dr. Nagarajan Selvamurugan, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	4417120
954	Life Sciences	Health Sciences	Multi-Input And Modular Synthetic Genetic Classifier Circuits In E.Coli To Classify Multiple Chemical Signals And Its Potential Application In Programmed Delivery Of ShRNA Into Cancer Cells Based On Cancer Mimetic Multi-Parametric Chemical Signature	Dr. Sangram Bagh, Saha Institute of Nuclear Physics, Kolkata, West Bengal, 700064	4582640
955	Life Sciences	Health Sciences	Design, Synthesis, Biological Evaluation And Molecular Modelling Studies Of Indolyl Oxoacetamide Quinazolinone Based Hybrid Analogs As Potential Pancreatic Lipase Inhibitors For Obesity Treatment	Dr. Atish Tulshiram Paul, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	3505075
956	Life Sciences	Health Sciences	Evaluate Diverse Metabolic Potentials Of Gut Associated Commensal Escherichia Coli Strains And Its Impact On Human Health And Diseases	Dr. Saumya Raychaudhuri, Institute of Microbial Technology, Chandigarh, Chandigarh, 160036	5032240
957	Life Sciences	Health Sciences	Domain-Specific Role Of Tumor Suppressor PTEN In Genomic Stability: A Systematic Approach	Dr. Ananda Mukherjee, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	5032240
958	Life Sciences	Plant Sciences	Heavy Metal Extraction And Phytoremediation Potential Of Succulent And Non-Succulent Halophytes Growing On Kachchh Coast	Dr. Suhas Jagdishbhai Vyas, Bhakta Kavi Narsinh Mehta University, Junagadh, Gujarat,	2195435
959	Life Sciences	Plant Sciences	Development Of Enzyme Based Biosensors Through Sol-Gel Techniques For Debittering Of Grape Fruit And Mosumbi Juice	Dr. Poonam Mishra, Tezpur University, Tezpur, Assam, 784028	2661598
960	Life Sciences	Plant Sciences	Fortification of Active Ingredients From Saffron And Sea Buck Thorn For Development of Novel Functional Foods	Dr. Adil Gani, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	4315520

961	Life Sciences	Plant Sciences	Deciphering In Planta Secretome Of Sporisorium Scitamineum X Sugarcane Interaction	Dr. Amalraj Rameshsundar, Sugarcane Breeding Institute Coimbatore, Coimbatore, Tamil Nadu, 641007	2455056
962	Life Sciences	Plant Sciences	CRISPR-Cas9 Based Genome Editing Of Multiple Negative Regulators For Blast Resistance In Rice	Dr. Amolkumar U Solanke, National Research Centre on Plant Biotechnology, New Delhi, Delhi, 110012	3193344
963	Life Sciences	Plant Sciences	Screening of Biochemical And Molecular Diversity of The Selected Brown Algae	Dr. John Peter Paul, St Xavier's College Palaykottai, Tirunelveli, Tamil Nadu, 627002	2200000
964	Life Sciences	Plant Sciences	Modulation Of Photorespiration By Oxidative Stress: Role Of Reactive Oxygen And Reactive Nitrogen Species	Dr. A S Raghavendra, University of Hyderabad, Hyderabad, Telangana, 500046	3648480
965	Life Sciences	Plant Sciences	Identification Of Donors And QTLs For Sheath Blight Resistance In Collection Of Oryza Nivara (Sharma & Shastry) Accessions	Dr. Dharminder Bhatia, Punjab Agricultural University, Ludhiana, Punjab, 141004	3133020
966	Life Sciences	Plant Sciences	Pullulanase Based Identification Of High Resistant Starch Rice (Oryza Sativa L.)	Dr. Archana Singh, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	3798144
967	Life Sciences	Plant Sciences	Phytochemical Profiling of The Aromatic Cyperaceae Members of South India	Dr. Rameshkumar K B, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram, Kerala, 695562	1764504
968	Life Sciences	Plant Sciences	Development Of Diagnostic For Detection Of Sarocladium Oryzae Causing Sheath Rot In Paddy Using Molecular Markers And Its Eco- Friendly Management.	Dr. Atul Kumar, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	2718136
969	Life Sciences	Plant Sciences	Molecular And Functional Characterization Of Active Saline Adapted Nitrogen Fixing Plant Growth Promoting Bacteria Of Native Grown Coastal Saline Tolerant Rice Varieties (Pokkali) Of Kerala.	Dr. Rameshkumar Natarajan, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	4777056

970	Life Sciences	Plant Sciences	Deciphering The Biochemical And Molecular Response Of Indica Rice Varieties To Fluoride-Mediated Environmental Stress And Cloning Of Putative Fluoride Exporter (FEX) From Rice For Characterization	Dr. Aryadeep Roy Choudhury, St Xavier's College Kolkata, Kolkata, West Bengal, 700016	3604480
971	Life Sciences	Plant Sciences	Deciphering The Transcriptional Regulator(S) Of Root Hydrotropism In Wheat	Dr. Monika Dalal, National Research Centre on Plant Biotechnology, New Delhi, Delhi, 110012	4069764
972	Life Sciences	Plant Sciences	Bio-Rational Interventions Through Entomopathogenic Nematodes To Manage Ash Weevil (Myloccerus Spp.) Menace In Brinjal (Solanum Melongena L.)	Dr. R Umamaheswari, Indian Institute of Horticultural Research, Bangalore, Karnataka, 560089	1919279
973	Life Sciences	Plant Sciences	Involvement of Chloroplasts In Oxidative Stress Induced Programmed Cell Death (PCD): Characterization of Cytochrome F Release From Chloroplast And Its Interacting Partners Involved In Cell Death Process	Dr. Budhi Sagar Tiwari, University and Institute of Advanced Research, Gandhinagar, Gujarat, 382007	2865280
974	Life Sciences	Plant Sciences	Chemotyping And Development Of Prediction Model For Optimization Of Drug Yield In Medicinally Important Bacopa Monnieri And Asparagus Racemosus.	Dr. Sanghamitra Nayak, Siksha O Anusandhan University, Bhubaneshwar, Orissa, 751003	3043920
975	Life Sciences	Plant Sciences	Medicinal Plants Of Cucurbitaceae Family - Metabolomic Study And Therapeutic Evaluation	Dr. Pulok Kumar Mukherjee, Jadavpur University, Kolkata, West Bengal, 700032	5090800
976	Life Sciences	Plant Sciences	Investigating The Role Of Arabidopsis ARID-HMG Protein, AtHMGB15, In The Pollen Development Process	Dr. Shubho Chaudhuri, Bose Institute, Kolkata, West Bengal, 700054	4629744
977	Life Sciences	Plant Sciences	Studies On The Exotic Organisms Traded Through Online And Its Invasion Potentials In The Western Ghats Of Tamil Nadu, South India	Dr. Sivagnanam Chandrasekaran, Madurai Kamaraj University, Madurai, Tamil Nadu, 625021	2775520

978	Life Sciences	Plant Sciences	Molecular And Chemical Ecology Of The Biological Control Of Diamondback Moth: Revealing The Significance Of The Infochemical Communication Between Bottom-Up And Top-Down Factors	Dr. Sagar Subhash Pandit, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	2089120
979	Life Sciences	Plant Sciences	Testing The Efficacy Of Grass Phytoliths In Discriminating Rainfall Variations And Their Application Potential In The Holocene Climate Reconstructions: Study Along The Rainfall Gradient Of The Western Ghats, India	Dr. Subir Bera, University of Calcutta, Kolkata, West Bengal, 700073	4734822
980	Life Sciences	Plant Sciences	Genome-Wide Association Mapping For Iron (Fe) & Zinc (Zn) Biofortification In Tetraploid Potato.	Dr. Vinay Bhardwaj, Central Potato Research Institute, Shimla, Himachal Pradesh, 171001	3055968
981	Life Sciences	Plant Sciences	Genomic Assisted Mapping And Introgression Of Root Knot Nematode Resistance Gene(S) From African Rice Species Oryza Glaberrima To The Asian Rice O. Sativa	Dr. Yogesh Vikal, Punjab Agricultural University, Ludhiana, Punjab, 141004	3215520
982	Life Sciences	Plant Sciences	Understanding The Role Of MIR160 And AUXIN RESPONSE FACTORS In Establishment Of Root System Architecture For Improvement Of Crop Brassicas	Dr. Anandita Singh, Teri School of Advanced Studies, New Delhi, Delhi, 110070	3648480
983	Life Sciences	Plant Sciences	Comparative Analysis Of The Epigenetic Landscape To Heat Stress Adaptation In Two Contrasting Tomato Cultivars.	Dr. Saloni Mathur, National Institute of Plant Genome Research, New Delhi, Delhi, 110067	4195584
984	Life Sciences	Plant Sciences	Development Of Electro Spun Fibre Nano-Matrix To Encapsulate Beneficial Microbes For Smart Delivery And Sustainable Productivity.	Dr. Sabarinathan Kg, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	2498595
985	Life Sciences	Plant Sciences	Production Of Antibody-Cocktail Using Bacterial Expressed Recombinant Coat Protein For ACLSV, ASGV, ASPV Detection In Apple	Dr. Vanita Chandel, Amity University Noida, Noida, Uttar Pradesh, 201303	2895184

986	Life Sciences	Plant Sciences	Microtubule-Based Mechanisms Of Colchicine Resistance Of The Producing Plant Gloriosa Superba And Insect Feeder Polytela Gloriosae	Dr. Chaitanya Anil Athale, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	3440110
987	Life Sciences	Plant Sciences	Microtubule-Based Mechanisms Of Colchicine Resistance Of The Producing Plant Gloriosa Superba And Insect Feeder Polytela Gloriosae	Dr. Umashaanker Ramanan, University of Agricultural Sciences Bangalore, Bangalore, Karnataka, 560065	2421091
988	Life Sciences	Plant Sciences	Development Of Technologies For Extraction And Dormancy Reduction Of Teak Seeds	Dr. Masilamani P, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	2210491
989	Life Sciences	Plant Sciences	An Integrated Framework For Exploring The Water Saving Mechanism In Pearl Millet [Pennisetum Glaucum (L.) R. Br.]: An Important Cereal Crop Of Semi-Arid Tropics.	Dr. Palakolanu Sudhakar Reddy, International Crops Research Institute for The Semi-Arid Tropics, Patancheru, Andhra Pradesh, 502324	3258144
990	Life Sciences	Plant Sciences	Isolation, Structural Characterization And Evaluation Of Anticancer Potential Of Selected Plant Lectins	Dr. Desh Deepak Singh, Panjab University, Chandigarh, Chandigarh, 160014	4523365
991	Life Sciences	Plant Sciences	Population Structure And Genetic Variability Analysis Of Cullenia Exarillata Populations In Western Ghats	Dr. Sabu K K, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Thiruvananthapuram, Kerala, 695562	3217968
992	Life Sciences	Plant Sciences	Analyzing The Regulation Of Tapetum Specific TA29 Promoter From Nicotiana Tabacum	Dr. Pradeep Kumar Burma, University of Delhi South Campus, New Delhi, Delhi, 110021	3953730
993	Life Sciences	Plant Sciences	Generation Of Tnt1 (Retrotransposon) Insertional Mutant Population Of Moss And Characterization Of Putative Mutants Defective In Gametophore Development	Dr. Anjan K Banerjee, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	5298480
994	Life Sciences	Plant Sciences	Elucidation Of Signal Transduction Schema Regulating Dehydration Responsive MiRNA Genes In Rice	Dr. Saurabh Raghuvanshi, University of Delhi South Campus, New Delhi, Delhi, 110021	5593280

995	Life Sciences	Plant Sciences	Marker Assisted Pyramiding Of Drought Yield QTLs Into ADT 45 A Popular Rice Cultivar Of Tamil Nadu	Dr. Ramalingam Suresh, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	3046508
996	Life Sciences	Plant Sciences	Exploitation Of Ampelomyces Quisqualis In Tritrophic Relationship With Erysiphe Cichoracearum On The Induction Of Resistance And Management Of Bhendi Powdery Mildew	Dr. Sendhilvel Vaithiyanathan, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	2970000
997	Life Sciences	Plant Sciences	Development Of SNP Markers And Association Mapping For Agronomic Traits On A Core Collection Of The Oilseed Crop, Carthamus Tinctorius (Safflower)	Dr. Shailendra Goel, University of Delhi, Delhi, Delhi, 110007	3073789
998	Life Sciences	Plant Sciences	Conservation Genetics And In Vitro Clonal Multiplication Of Some Rare And Endangered Medicinal Plants Of Manipur	Dr. Potshangbam Nongdam, Manipur University, Imphal, Manipur, 795003	3464558
999	Life Sciences	Plant Sciences	Systematics And Conservation Of The Genus Cycas L. (Cycadaceae) In India	Dr. Munigela Venkat Ramana, Osmania University, Hyderabad, Telangana, 500007	1861119
1000	Life Sciences	Plant Sciences	Extraction And Characterisation Of Functional Phytochemicals From Khoonphal (Haematocarpus Validus) Of Meghalaya And Its Value Addition	Dr. Sasikumar Raju, North Eastern Hill University, Shillong, Meghalaya, 794002	2342560
1001	Life Sciences	Plant Sciences	Ecogenomics Of Soil Microbes Involved In Global Climate Mitigation And Nitrogen Use Efficiency In Rice-Wheat Agroecosystem Of Central India Under Elevated CO2 And Temperature	Dr. Santosh Rajan Mohanty, Indian Institute of Soil Science Bhopal, Bhopal, Madhya Pradesh, 462038	6502032
1002	Life Sciences	Plant Sciences	Identification Of Novel Alleles Of Wild Rice Derived Bacterial Blight Resistance Genes And Their Functional Analysis	Dr. Irfan Ahmad Ghazi, University of Hyderabad, Hyderabad, Telangana, 500046	2959000
1003	Life Sciences	Plant Sciences	Identification Of Novel Alleles Of Wild Rice Derived Bacterial Blight Resistance Genes And Their Functional Analysis	Dr. Sundaram R M, Indian Institute of Rice Research, Hyderabad, Telangana, 500030	1176984

1004	Life Sciences	Plant Sciences	Studying The Downstream Effector Molecules Of ER Chaperone Calnexin Through Yeast Two Hybrid And FRET Analyses And Their Functional Validation	Dr. Maryam Sarwat, Amity University Noida, Noida, Uttar Pradesh, 201303	3372451
1005	Life Sciences	Plant Sciences	Development Of Glasses As Plant Nutrients	Dr. Ram Pyare, Indian Institute of Technology (Bhu), Varanasi, Uttar Pradesh, 221005	4205520
1006	Life Sciences	Plant Sciences	Understanding The Molecular Cross Talk Between Light And Abiotic Stress In Regulating The MiRNA Expression Patterns Modeled Using Rice Plants.	Dr. Neeti Sanan Mishra, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, Delhi, 110067	3683232
1007	Life Sciences	Plant Sciences	Development And Validation Of Signature Peptide-Proteome Biomarkers For Improved And Precise Detection Of Root Wilt Infection In Coconut	Dr. Subramanian Babu, Vit University, Vellore, Tamil Nadu, 632014	4174010
1008	Life Sciences	Plant Sciences	Identification Of AMF Effectome And Concomitant Target Proteins In Host Plant To Understand Their Role In Establishing Symbiosis Using Funneliformis Mosseae And Carrot As Model Species	Dr. Pushplata Prasad Singh, The Energy and Resources Institute Delhi, New Delhi, Delhi, 110003	3882308
1009	Life Sciences	Plant Sciences	Development Of Nutraceutical Food Products By Incorporating Nanoencapsulated Curcumin & Study Of Its Anti-Inflammatory Activity	Dr. Pooja Ja Rao, Central Food Technological Research Institute, Mysore, Karnataka, 570020	3644613
1010	Life Sciences	Plant Sciences	Reproductive Biology Of Cyathea Spinulosa (A Threatened Tree Fern) And Studies On Its Multiplication And Restoration Potentiality	Dr. Ajit Pratap Singh, National Botanical Research Institute, Lucknow, Uttar Pradesh, 226001	2803896
1011	Life Sciences	Plant Sciences	Nanoparticles Mediated DsRNA Delivery For Biocontrol Of The Polyphagous Insect Pests, Helicoverpa Armigera (Armyworm) And Scirtothrips Dorsalis (Thrips)	Dr. Vandana Ghormade, Agharkar Research Institute, Pune, Maharashtra,	3902339
1012	Life Sciences	Plant Sciences	Role Of An EAR Motif Repressor, SIERF36, In Tomato Development And Growth	Dr. Aniruddha Prafullachandra Sane, National Botanical Research Institute, Lucknow, Uttar Pradesh, 226001	3448656

1013	Life Sciences	Plant Sciences	Targeted Exome And Transcriptome Sequencing Of Lentil For Discovery Of Genetic Polymorphisms And Construction Of A Gene Expression Atlas	Dr. Sabhyata Bhatia, National Institute of Plant Genome Research, New Delhi, Delhi, 110067	3717144
1014	Life Sciences	Plant Sciences	Taxonomy, Molecular Phylogeny And Conservation Of The Genus Aeschynanthus Jack (Gesneriaceae) In India	Dr. Santhosh Nampy, University of Calicut, Calicut, Kerala, 673635	2834040
1015	Life Sciences	Plant Sciences	Study Of Simultaneous Denitrification And Methane Metabolism By Denitrifying Methanotrophs From Landfill Sites	Dr. Hemant J Purohit, National Environmental Engineering Research Institute, Nagpur, Maharashtra, 440020	2248085
1016	Life Sciences	Plant Sciences	Study Of Simultaneous Denitrification And Methane Metabolism By Denitrifying Methanotrophs From Landfill Sites	Dr. Om Prakash, National Centre for Cell Science, Pune, Maharashtra, 411007	2556144
1017	Life Sciences	Plant Sciences	QTLs Identification Linked To Drought And Nutrition In Horsegram (Macrotyloma Uniflorum) By Association Mapping	Dr. Rakesh Kumar Chahota, CSK Himachal Pradesh Agricultural University, Palampur, Himachal Pradesh, 176062	3002560
1018	Life Sciences	Plant Sciences	Development And Characterization Of Simple Sequence Repeat (SSR) Markers In Clitoria Ternatea (L.), And Mapping Of Loci Controlling Taraxerol And Delphinidin Content	Dr. Jogeswar Panigrahi, Khallikote University, Ganjam, Orissa, 760001	3659843
1019	Life Sciences	Plant Sciences	Molecular Characterization Of Stress Responsive Hypothetical Proteins Alr8073, Alr5059, All3014 And Alr3199 Of Diazotrophic Cyanobacterium Anabaena Sp. PCC 7120	Dr. L C Rai, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	2244000
1020	Life Sciences	Plant Sciences	Characterization Of Strong Culm Samba Mahsuri Mutants And Identification Of Candidate Gene Associated With Strong Culm	Dr. Maganti Sheshu Madhav, Indian Institute of Rice Research (Directorate of Rice Research), Hyderabad, Telangana, 500030	2772144
1021	Life Sciences	Plant Sciences	Characterization Of Strong Culm Samba Mahsuri Mutants And Identification Of Candidate Gene Associated With Strong Culm	Dr. Ramesh V Sonti, Centre for Cellular and Molecular Biology, Hyderabad, Telangana, 500007	2772144

1022	Life Sciences	Plant Sciences	Elucidating Genetic And Molecular Interactions Between Rice And Planthoppers (Brown Planthopper [BPH] And Whitebacked Planthopper [WBPH])	Dr. Jagadish Sanmallappa Bentur, Agri Biotech Foundation, Hyderabad, Telangana, 500030	2772144
1023	Life Sciences	Plant Sciences	Elucidating Genetic And Molecular Interactions Between Rice And Planthoppers (Brown Planthopper [BPH] And Whitebacked Planthopper [WBPH])	Dr. Suresh Nair, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, Delhi,	2873232
1024	Life Sciences	Plant Sciences	Insights Into The Mechanisms Of Fe And Cd Accumulation In Rice: Prospecting Towards Fe-Enriched Cd-Free Rice	Dr. Sridevi Ganapathi, Madurai Kamaraj University, Madurai, Tamil Nadu, 625021	3303520
1025	Life Sciences	Plant Sciences	Insights Into The Mechanisms Of Fe And Cd Accumulation In Rice: Prospecting Towards Fe-Enriched Cd-Free Rice	Dr. Thangavel Palaniswamy, Periyar Univeristy, Salem, Tamil Nadu,	1868020
1026	Life Sciences	Plant Sciences	Taxonomic Revision And Phylogeny Of The Genus Piper L (Piperaceae) In India With Its Biogeography	Dr. Padam Raj Gajurel, North Eastern Regional Institute of Science and Technology, Itanagar, Arunachal Pradesh, 791109	2336966
1027	Life Sciences	Plant Sciences	Taxonomic Revision And Phylogeny Of The Genus Piper L (Piperaceae) In India With Its Biogeography	Dr. Ravikanth Gudasalamani, Ashoka Trust for Research in Ecology and The Environment, Bangalore, Karnataka,	2520980
1028	Life Sciences	Plant Sciences	Taxonomic Revision And Phylogeny Of The Genus Piper L (Piperaceae) In India With Its Biogeography	Dr. Mathew Dan, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Thiruvananthapuram, Kerala,	2348962
1029	Life Sciences	Plant Sciences	Overexpression Of Phytol Kinase And Protochlorophyllide Oxidoreductase C In Brassica Juncea To Increase Photosynthetic Efficiency And Enhance Tolerance To Environmental Stress	Dr. Baishnab Charan Tripathy, Jawaharlal Nehru University, New Delhi, Delhi, 110067	3421440
1030	Life Sciences	Plant Sciences	Development Of Sugarcane Bacilliform Virus (SCBV) Based VIGS Vector For Functional Genomics In Sugarcane	Dr. Rasappa Viswanathan, Sugarcane Breeding Institute Coimbatore, Coimbatore, Tamil Nadu, 641007	4073328

1031	Life Sciences	Plant Sciences	Exploitation of Chaetoglobosin Producing Chaetomium And Formulation Development for The Management Of Fusarium - Meloidogyne Complex In Tomato	Dr. Rajendran Lingam, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	2875986
1032	Life Sciences	Plant Sciences	Understanding The Cellular Interactions Of Tospovirus And Thrips Employing Insect Cell Line	Dr. Amalendu Ghosh, Indian Agricultural Research Institute, New Delhi, Delhi, 110012	3430468
1033	Life Sciences	Plant Sciences	Mapping Genes/QTL For Resistance To Spot Blotch And Stem Rust In Durum Wheat	Dr. Shubhada Ajit Tamhankar, Agharkar Research Institute, Pune, Maharashtra,	4589602
1034	Life Sciences	Plant Sciences	Propensity To Respond To Drought Determines Acquired Tolerance – A Molecular And Physiological Characterization Of A Panel Of Rice Germplasm To Discover EQTL And Expression Markers For Acquired Tolerance Traits.	Dr. Sheshshayee Sreeman, University of Agricultural Sciences Bangalore, Bangalore, Karnataka, 560065	3919696
1035	Life Sciences	Plant Sciences	Phosphatidic Acid-Protein Interactions: Molecular Mechanism And Role During Abiotic Stress In Arabidopsis	Dr. Girish Mishra, University of Delhi, Delhi, Delhi, 110007	4666871
1036	Life Sciences	Plant Sciences	Population Biology Of Humboldtia Unijuga Var. Trijuga, An Endemic And Endangered Tree Species Of The Southern Western Ghats And Its Conservation	Dr. Jothish P S, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Thiruvananthapuram, Kerala,	2917314
1037	Life Sciences	Plant Sciences	Life-History Constraints In Grassland Plant Species Of The Eastern Terai In India: Are Trade-Offs Associated With Competition, Growth, And Defense Important For Community Structure?	Dr. Robert John Chandran, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	3560577
1038	Life Sciences	Plant Sciences	Functional Regulation Of Leghemoglobin During Symbiotic Nitrogen Fixation	Dr. Anirban Siddhanta, University of Calcutta, Kolkata, West Bengal, 700073	4656696
1039	Life Sciences	Plant Sciences	Ground And Remote Sensing-Based Measurements Of Leaf Area Index And Estimating Net Primary Productivity In Tropical Deciduous And Semi-Evergreen Forests Of India	Dr. Mukunda Dev Behera, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1927332

1040	Life Sciences	Plant Sciences	Ground And Remote Sensing-Based Measurements Of Leaf Area Index And Estimating Net Primary Productivity In Tropical Deciduous And Semi-Evergreen Forests Of India	Dr. Soumit Kumar Behra, National Botanical Research Institute, Lucknow, Uttar Pradesh, 226001	2522059
1041	Life Sciences	Plant Sciences	A Way Forward To Developing Aphid-Resistance In Indian Mustard (Brassica Juncea): Host- And Virus-Mediated Gene Silencing Of Parthenogenetic Genes In Mustard Aphid	Dr. Ramcharan Bhattacharya, National Research Centre on Plant Biotechnology, New Delhi, Delhi, 110012	3846484
1042	Life Sciences	Plant Sciences	"Distribution Mapping Guided Genetic Diversity And Conservation Biotechnology Of Eugenia Discifera Gamble, An Endemic And Endangered Tree Of Western Ghats, India"	Dr. Gabriel Jeya Jyothi, Loyola College, Chennai, Tamil Nadu,	1890625
1043	Life Sciences	Plant Sciences	Molecular Mapping Of Anthracnose Resistance Gene In Common Bean Landrace KRC8 And Identification Of Adult Plant Resistance Components	Dr. Prem Nath Sharma, CSK Himachal Pradesh Agricultural University, Palampur, Himachal Pradesh,	4100096
1044	Life Sciences	Plant Sciences	Metabolic Engineering In A Carotenoid Over-Producing Bacterium For Development Of An Efficient Platform Strain For Zerumbone Production	Dr. Mukti Nath Mishra, Central Institute of Medicinal and Aromatic Plants, Lucknow, Uttar Pradesh, 226015	2883859
1045	Life Sciences	Plant Sciences	Screening Of Wild Vegetables From Leguminosae Of North East India And Assessment Of Their Nutritional Composition And Antioxidant Properties	Dr. Khomdram Sandhyarani Devi, Mizoram University, Aizwal, Mizoram, 796004	3288340
1046	Life Sciences	Plant Sciences	Evaluating The Impact Of Concomitant High Temperature And Drought Stress On Reproductive Development In Rice Genotypes Of Eastern Indo-Gangetic Plains	Dr. Gautam Kumar, Central University of South Bihar, Patna, Bihar,	3233917
1047	Life Sciences	Plant Sciences	Characterization Of GABA-Transaminase Gene Promoter For Regulatory Mechanism During Rice Leaf Senescence Process	Dr. Mohammad Israil Ansari, University of Lucknow, Lucknow, Uttar Pradesh,	3102264
1048	Life Sciences	Plant Sciences	Mitigation Of Salinity Stress Tolerance In Sesamum Indicum L. Using A Novel ABA-Dependent SbMYB44 Transcription Factor From Halophyte Salicornia Brachiata	Dr. Pradeep K Agarwal, Central Salt & Marine Chemicals Research Institute, Bhavnagar, Gujarat,	3523984

1049	Life Sciences	Plant Sciences	Response Of B. Aryabhatai AB211 To Maize Root Exudates: Insights From Transcriptome Analysis	Dr. Abhrajyoti Ghosh, Bose Institute, Kolkata, West Bengal,	3868803
1050	Life Sciences	Plant Sciences	Transcriptional Repressors As Friends Or Foes: Utilization To Increase Seed Size In Rice	Dr. Pinky Agarwal, National Institute of Plant Genome Research, New Delhi, Delhi, 110067	3837628
1051	Life Sciences	Plant Sciences	Development, Evaluation And Molecular Characterization Of A Seedless Mutant In Grapes Variety ARI 516	Dr. Sujata Tetali, Agharkar Research Institute, Pune, Maharashtra,	3508876
1052	Life Sciences	Plant Sciences	Identification And Functional Validation Of Partner Proteins Of Two-Component High Affinity Nitrate Transporter Of Wheat	Dr. Subodh Kumar Sinha, National Research Centre on Plant Biotechnology, New Delhi, Delhi, 110012	3632428
1053	Life Sciences	Plant Sciences	Genetic Mapping Of Anthracnose Resistance Gene(S) In A Common Bean Bi-Parental RIL Population (KRC 22 X Jawala) And Development Of Anthracnose Resistant Breeding Lines	Dr. Bilal Ahmad Padder, Sher E Kashmir University of Agricultural Sciences & Technology Kashmir, Srinagar, Jammu And Kashmir,	5379264
1054	Life Sciences	Plant Sciences	Identification Of MiRNAs From Contrasting Lines Of Carthamus And Their Contribution In Tolerance Against Fusarium Wilt	Dr. Manu Agarwal, University of Delhi, Delhi, Delhi, 110007	4035196
1055	Life Sciences	Plant Sciences	Delineation Of Begomoviruses Causing Yellow Mosaic Disease In Bitter Gourd (Momordica Charantia) , Mechanism Of Their Transmission And Management	Dr. P Renukadevi, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, 641003	3585659
1056	Life Sciences	Plant Sciences	Development Of Interactive Device For Quality Evaluation Of Selected Indian Spices Using Computational Techniques	Dr. Ashish Baldi, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab,	3267345
1057	Life Sciences	Plant Sciences	Elucidating The Role Of NbUBC2 And NbHUB1 Of The Histone Mono-Ubiquitination Machinery In Geminivirus Pathogenesis	Dr. Supriya Chakraborty, Jawaharlal Nehru University, New Delhi, Delhi, 110067	4653698
1058	Life Sciences	Plant Sciences	Understanding The Conidial Anastomosis Tube (CAT) Fusion Dynamics And Its Role In Generating Genetic Diversity In A Fungal Pathogen Colletotrichum Gloeosporioides.	Dr. Abhishek Baghela, Agharkar Research Institute, Pune, Maharashtra,	4305969

1059	Mathematical Sciences	Mathematical Sciences	Modeling Frailty For Survival Data	Dr. Arvind Pandey, Central University of Rajasthan, Kishangarh, Rajasthan, 305817	972058
1060	Mathematical Sciences	Mathematical Sciences	Hilbert Coefficients And Castelnuvo-Mumford Regularity	Dr. Mousumi Mandal, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	518793
1061	Mathematical Sciences	Mathematical Sciences	High Order Entropy Stable Schemes And Automatic Mesh Adaptation Techniques: Their Design, Analysis And Applications	Dr. Ritesh Kumar Dubey, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	2152298
1062	Mathematical Sciences	Mathematical Sciences	Transformations And Special Values Of Gaussian Hypergeometric Series; And Their Connections To Supercongruences.	Dr. Gautam Kalita, Indian Institute of Information Technology Guwahati, Guwahati, Assam, 781001	502127
1063	Mathematical Sciences	Mathematical Sciences	Homotopy Type Theory And Natural Language Processing For Computer-Assisted Mathematics	Dr. Siddhartha Gadgil, Indian Institute Of Science, Bangalore, Bangalore, Karnataka, 560012	1898700
1064	Mathematical Sciences	Mathematical Sciences	Asymptotic And Numerical Approach For Boundary Layer Development Of Partial Differential Equations With Delayed Arguments	Dr. Jugal Mohapatra, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	1355200
1065	Mathematical Sciences	Mathematical Sciences	Non-Regular Parameter Family Of Distributions Some More Features	Dr. Milind Bhanuprasad Bhatt, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120	1166000
1066	Mathematical Sciences	Mathematical Sciences	Moduli Space Of Vector Bundles Over Smooth Projective Surfaces And ACM Bundles	Dr. Sarbeswar Pal, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala, 695016	440000
1067	Mathematical Sciences	Mathematical Sciences	Nonparametric Inference Based On Notion Of Data Depth And Its Applications	Dr. Digambar Tukaram Shrike, Shivaji University, Kolhapur, Maharashtra, 416004	1721111
1068	Mathematical Sciences	Mathematical Sciences	Aspects Of Tests Of Independence On Nonparametric Regression Theory-A Data Driven Approach	Dr. Saran Ishika Maiti, Visva Bharati University, Shanti Niketan, West Bengal, 731235	1491158

1069	Mathematical Sciences	Mathematical Sciences	Repeated-Root Constacyclic Codes Over Finite Commutative Chain Rings And Over Non-Principal Ideal Rings $\mathbb{Z}_{p^s}[U]/\langle U^e \rangle$	Dr. Anuradha Sharma, Indraprastha Institute of Information Technology Delhi, New Delhi, Delhi, 110020	1984940
1070	Mathematical Sciences	Mathematical Sciences	Estimating Parameters Of Certain Generalized Life-Time Statistical Models Using Censored Samples	Dr. Manas Ranjan Tripathy, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	1807520
1071	Mathematical Sciences	Mathematical Sciences	Mathematical And Computational Modelling Of Below Ground Nitrogen Biogeochemical Pathways Using Systems Biology Approaches.	Dr. Amit Chakraborty, Central University of Rajasthan, Kishangarh, Rajasthan, 305801	2114970
1072	Mathematical Sciences	Mathematical Sciences	Wavelets On Vilenkin Group	Dr. Divya Singh, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	220000
1073	Mathematical Sciences	Mathematical Sciences	Impact Of Climatic Factors On The Transmission Dynamics Of Vector-Borne Diseases: A Mathematical Study	Dr. Mini Ghosh, Vit University, Vellore, Tamil Nadu, 632014	1766598
1074	Mathematical Sciences	Mathematical Sciences	Estimation And Prediction With Constrained And Unconstrained Observations	Dr. Yogesh Mani Tripathi, Indian Institute of Technology Patna, Patna, Bihar, 801103	396000
1075	Mathematical Sciences	Mathematical Sciences	Fractional Wavelet Analysis: Theory And Applications	Dr. Firdous Ahmad Shah, University of Kashmir, Srinagar, Jammu And Kashmir, 190006	1534485
1076	Mathematical Sciences	Mathematical Sciences	Generalized Convexity, Generalized Monotonicity And Nonsmooth Variational Inequalities In Manifolds With Applications	Dr. Qamrul Hasan Ansari, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	1469599
1077	Mathematical Sciences	Mathematical Sciences	On Residuated Valued Automata, Categories And Associated Topologies	Dr. S P Tiwari, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	1686520
1078	Mathematical Sciences	Mathematical Sciences	Analytical Modelling Of Surface Waves In Fiber-Reinforced And Micro-Polar Media.	Dr. Santimoy Kundu, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	1983520

1079	Mathematical Sciences	Mathematical Sciences	Bayesian Process Monitoring Of High-Yield Processes	Dr. Nirpeksh Kumar, Banaras Hindu University, Varanasi, Uttar Pradesh, 221005	2272600
1080	Mathematical Sciences	Mathematical Sciences	Geometric Realizations Of Finite Groups Of Mapping Classes Of Surfaces	Dr. Atreyee Bhattacharya, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2304598
1081	Mathematical Sciences	Mathematical Sciences	Development Of Multi-Party Computation Protocols As An Aid To Cloud Computing	Dr. Sourav Mukhopadhyay, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1759560
1082	Mathematical Sciences	Mathematical Sciences	Wave Propagation In Thermoelastic Materials	Dr. Sanasam Sarat Singh, Mizoram University, Aizwal, Mizoram, 796004	1704560
1083	Mathematical Sciences	Mathematical Sciences	Efficient Regularization Methods For Ill-Posed Operator Equations And Their Applications	Dr. Santhosh George, National Institute of Technology Karnataka, Surthakal, Karnataka, 575025	1846020
1084	Mathematical Sciences	Mathematical Sciences	Total Colorings For Certain Classes Of Cayley Graphs	Dr. Jayabalan Geetha, Amrita Vishwa Vidyapeetham University Coimbatore, Coimbatore, Tamil Nadu,	1845690
1085	Mathematical Sciences	Mathematical Sciences	Index Of Finitistic Spaces And Transformation Groups On Projective Spaces	Dr. Hemant Kumar Singh, University of Delhi, Delhi, Delhi, 110007	1751970
1086	Mathematical Sciences	Mathematical Sciences	Study Of Vector-Borne Diseases Under The Influence Of Environmental Pollution	Dr. Nitu Kumari, Indian Institute of Technology Mandi, Mandi, Himachal Pradesh, 175005	2228160
1087	Mathematical Sciences	Mathematical Sciences	Modeling Software Reliability Through Stochastic Processes	Dr. Madhuri G Kulkarni, Savitribai Phule Pune University, Pune, Maharashtra, 411007	2366671
1088	Mathematical Sciences	Mathematical Sciences	Mathematical Modeling Of Phytoplankton Dynamics With Highly Irregular Distribution.	Dr. Sandip Banerjee, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	1847560

1089	Mathematical Sciences	Mathematical Sciences	Construction Of Optimal Trace And Revoke Systems In Broadcast Encryption	Dr. Ratna Dutta, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	1891560
1090	Mathematical Sciences	Mathematical Sciences	From Discrete Particle To Population Balance Modelling: The Micro-Macro Transitions	Dr. Jitendra Kumar, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302	2283160
1091	Mathematical Sciences	Mathematical Sciences	Approximating Solutions Of Nonlinear Operator Equations In Banach And Hilbert Spaces	Dr. Rajendra Prasad Pant, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, 440010	1741520
1092	Mathematical Sciences	Mathematical Sciences	CFD Of Thin Film Flow On Substrates Featuring Topography	Dr. Sanyasiraju V S S Yedida, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	1998069
1093	Mathematical Sciences	Mathematical Sciences	Measures Of Noncompactness And Their Applications	Dr. Mursaleen, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	1730520
1094	Mathematical Sciences	Mathematical Sciences	Design Of Optimal Reliability Acceptance Sampling Plans Based On Multi-Stage Process, Inliers, And Accelerated Tests	Dr. Mahesh Kumar, National Institute of Technology Calicut, Calicut, Kerala, 673600	742500
1095	Mathematical Sciences	Mathematical Sciences	Dynamical Study Of Delay-Induced Stability And Chaos In Plankton Population	Dr. Nilesh Kumar Thakur, National Institute of Technology Raipur, Raipur, Chhattisgarh, 492010	1510850
1096	Mathematical Sciences	Mathematical Sciences	Development Of Estimation Procedures In Presence Of Various Types Of Non-Sampling Errors In Sample Surveys	Dr. Garib Nath Singh, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	1825670
1097	Mathematical Sciences	Mathematical Sciences	Pseudo-Periodic Mapping Classes And Contact Structures.	Dr. Kashyap Rajeevsarathy, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2359350

1098	Mathematical Sciences	Mathematical Sciences	Mathematical Analysis For An Optimal Control Of Reaction-Diffusion Equations In Cardiac Defibrillation	Dr. Chamakuri Nagaiah, Mahindra Ecole Centrale, Hyderabad, Telangana, 500043	2163480
1099	Mathematical Sciences	Mathematical Sciences	Mathematical Modeling And Analysis Of Vector And Water-Borne Diseases	Dr. Kunwar Singh Mathur, Dr. Harisingh Gour Central University, Sagar, Madhya Pradesh, 470003	2012542
1100	Mathematical Sciences	Mathematical Sciences	Fast Numerical Methods In Exponential Form For Multi-Dimensional Second- And Fourth-Order Quasilinear Parabolic Partial Differential Equations	Dr. Ranjan Kumar Mohanty, South Asian University, New Delhi, Delhi,	2203622
1101	Mathematical Sciences	Mathematical Sciences	Numerical And Semi-Analytical Techniques For Modeling Of Wave Interaction With Porous And Flexible Structures	Dr. Harekrushna Behera, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	1998832
1102	Mathematical Sciences	Mathematical Sciences	Approximation Methods For Problems In Fractional Calculus Of Variations	Dr. Rajesh Kumar Pandey, Indian Institute of Technology (Bhu), Varanasi, Uttar Pradesh, 221005	2156264
1103	Mathematical Sciences	Mathematical Sciences	New Statistical Methods For Identification And Ranking Of Differentially Expressed Genes In Microarray	Dr. Bindu Punathumparambath, Government Arts and Science College Calicut, Kozikode, Kerala, 673018	1179640
1104	Mathematical Sciences	Mathematical Sciences	Nonlinear Matrix Equations: Solution, Convergence, Perturbation Analysis, Simulation	Dr. Hemant Kumar Nashine, Vit University, Vellore, Tamil Nadu, 632014	1948936
1105	Mathematical Sciences	Mathematical Sciences	Invariant Analysis With Lie Symmetry And New Conservation Laws Of Various Nonlinear Partial Differential Equations Appearing In Physical Problems	Dr. Santanu Saha Ray, National Institute of Technology Rourkela, Rourkela, Orissa, 769008	2156264
1106	Physical Sciences	Physical Sciences	Impact of Pollution Study On Nutrients Of Marine Fishes In Visakhapatnam By Nuclear Analytical Techniques	Dr. Angalakunduru Durgaprasada Rao, Andhra University, Vishakhapattanam, Andhra Pradesh, 530003	2429020

1107	Physical Sciences	Physical Sciences	Development Of Low-Cost Thin Film Solar Cells Using $\text{Cu}_2\text{ZnSn}(\text{SxSe}_{1-\text{X}})_4$ As Absorber Layer	Dr. Raviprakash Y, Manipal University, Manipal, Karnataka, 576104	2609750
1108	Physical Sciences	Physical Sciences	Electromagnetically Induced Transparency (EIT) Based Quantum Memory	Dr. Ajay Tripathi, Sikkim University, Gangtok, Sikkim, 737102	4240673
1109	Physical Sciences	Physical Sciences	Development Of Novel Bioactive Glass And Glass Ceramics - In Vitro And In Vivo	Dr. Abdul Azeem P, National Institute of Technology Warangal, Warangal, Telangana, 506004	2225520
1110	Physical Sciences	Physical Sciences	Femtosecond Laser Enabled Micro-Fabrication Of Micro-Total-Analysis Optofluidic Systems (FEMTOS)	Dr. Krishna Chaitanya Vishnubhatla, Sri Sathya Sai Institute of Higher Learning, Anantapur, Andhra Pradesh, 515134	2452560
1111	Physical Sciences	Physical Sciences	Development Of Biocompatible Magnetic Spin Relaxation Hyperthermia Materials By Modifying Magnetic Parameters Through Magnetic Exchange Coupling In Core-Shell Nanostructures	Dr. Krishnamoorthi C, Vit University, Vellore, Tamil Nadu, 632014	2067560
1112	Physical Sciences	Physical Sciences	A Synergetic Strategy To Detect Hazardous Gases Using Nanostructured $\text{MoO}_3\text{-V}_2\text{O}_5$ Composites By Chemical Route	Dr. Annasaheb Vitthal Moholkar, Shivaji University, Kolhapur, Maharashtra, 416004	2675480
1113	Physical Sciences	Physical Sciences	Study Of The Abundance And Characteristics Of Interstellar Dust	Dr. Rupjyoti Gogoi, Tezpur University, Tezpur, Assam, 784028	1965562
1114	Physical Sciences	Physical Sciences	Highly Visible Active Surface Functionalized Mesoporous XtO_3/Ni , (X= Ba, Sr) Perovskite Nanomaterials	Dr. Pandiyan V, Nehru Memorial College, Tiruchirappalli, Tamil Nadu, 621007	2004363
1115	Physical Sciences	Physical Sciences	Fabrication And Characterisation Of Printed E-Nose Arrays Using $\text{BaTiO}_3/\text{CNT}/\text{CoFe}_2\text{O}_4$ Nanocomposites For Reducing Gases	Dr. Deepshikha Rathore, Amity University Rajasthan, Jaipur, Rajasthan, 303002	3255560
1116	Physical Sciences	Physical Sciences	A Study On The Physical Properties To The Chlorine Treated Cd-Based Compound Semiconductor Thin Films Correlation With Surface Morphology For Solar Cell Applications	Dr. Mahendra Singh Dhaka, Mohanlal Sukhadia University, Udaipur, Rajasthan, 313001	3442560

1117	Physical Sciences	Physical Sciences	Development of Novel Bioactive Glass and Glass Ceramics - In Vitro and In Vivo	Dr. Bramanandam Manavathi, University of Hyderabad, Hyderabad, Telangana, 500046	1551000
1118	Physical Sciences	Physical Sciences	Molecular Detection Of Pollutant By SERS	Dr. Umadevi Mahalingam, Mother Teresa Women's University, Dindigul, Tamil Nadu, 624101	1840520
1119	Physical Sciences	Physical Sciences	Understanding Of Growth Of Vertically Aligned Nanowires Or Nanotubes Of Binary Oxides And Physics Of Isotopic Fractionation Of Gases By Them	Dr. Barnali Ghosh Saha, S N Bose National Centre for Basic Sciences, Kolkata, West Bengal, 700098	4448969
1120	Physical Sciences	Physical Sciences	Three Dimensional Iron Oxide Nanoarchitectures: Preparation, Processing And Its Application In Solar Hydrogen Generation Via PEC Water Splitting	Dr. Ramesh Rajendran, Periyar Univeristy, Salem, Tamil Nadu, 636011	2444574
1121	Physical Sciences	Physical Sciences	Study On Organic Spin Valve Structure For Sensor Application	Dr. Dhanalakshmi Dhandapani, Psg College of Technology, Coimbatore, Tamil Nadu, 641004	2149757
1122	Physical Sciences	Physical Sciences	Magneto-Elastic Interaction And Phase Transition In Hexagonal Manganites RMnO_3	Dr. Kishore Dutta, Handique Girls College, Guwahati, Assam, 781001	1843820
1123	Physical Sciences	Physical Sciences	Evaluation of Electro-Chemical and Thermo-Mechanical Properties Of A Novel Anode-Supported SOFC Membrane Electrolyte Assembly Structure For Intermediate Temperature Applications	Dr. Somnath Biswas, Lnm Institute of Information Technology, Jaipur, Rajasthan, 303012	3215520
1124	Physical Sciences	Physical Sciences	Development Of NanoBioEngineered Immunosensor Using Magnetic Nanoparticle Decorated Graphene Based Transducer For The Detection Of Serum Tumor Marker CA 15-3 And Its Application In The Diagnosis Of Breast Cancer	Dr. Prashant Bapuso Patil, The New College, Kolhapur, Maharashtra, 416012	3105239

1125	Physical Sciences	Physical Sciences	Metal Organic Framework (MOF) Based Fluorescence-SPR Dual Mode Sensing Platform For Explosive Detection	Dr. Sudipta Sarkar, Central Scientific Instruments Organisation, Chandigarh, Chandigarh, 160030	2823678
1126	Physical Sciences	Physical Sciences	Studies On Light Induced Heating In Upconversion Nanoparticles And Their Optimization For The Use As Photo-Acoustic Contrast Agent	Dr. Kaushal Kumar, Indian Institute of Technology (Indian School Of Mines), Dhanbad, Jharkhand, 826004	3410000
1127	Physical Sciences	Physical Sciences	Fabrication Of Quasi-Interdigitated Electrodes Based Back-Contacted Bismuth Ferrite Solar Cells	Dr. Jyotiramayee Nanda, Siksha O Anusandhan University, Bhubaneswar, Orissa, 751003	5195520
1128	Physical Sciences	Physical Sciences	Green Synthesis And Application Potential Evaluation Of Functionalized Plasmonic Systems With Morphological Isotropy And Anisotropy	Dr. Vinoy Thomas, Christian College Chengannur, Chengannur, Kerala, 689122	1600060
1129	Physical Sciences	Physical Sciences	Fabrication and Development Of Hybrid Nanocomposite Fibres For Wearable Sensors and Actuators	Dr. Joice Sophia Ponraj, Bharathiar University, Coimbatore, Tamil Nadu, 641046	3541395
1130	Physical Sciences	Physical Sciences	Investigation Of A Novel Contactless Technique To Quantify Quantum Efficiency Of Solar Cell Materials	Dr. Dhritiman Gupta, Vellore Institute of Technology, Vellore, Tamil Nadu, 632014	2666114
1131	Physical Sciences	Physical Sciences	Study of Light Modulation, Optical Shuttering And Light Filtering Action In Hydrogen Bonded Liquid Crystals,	Dr. Madhu Mohan, Bannari Amman Institute of Technology, Erode, Tamil Nadu, 638401	2126844
1132	Physical Sciences	Physical Sciences	Dynamics of Active Deformable Objects: Self-Propulsion And Spontaneous Oscillation	Dr. Snigdha Thakur, Indian Institute of Science Education and Research Bhopal, Bhopal, Madhya Pradesh, 462023	2159520
1133	Physical Sciences	Physical Sciences	Development of Nanoscale Magnetometry Using Nitrogen-Vacancy Center In Diamond	Dr. Ummalmomeen M, Vit University, Vellore, Tamil Nadu, 632014	3797718
1134	Physical Sciences	Physical Sciences	Time Dependent Linear And Nonlinear Response Properties Of Atomic Systems : Effect Of Classical And Quantum Plasma Environment And Spatial Confinement.	Dr. Prasanta Kumar Mukherjee, Acharya Prafulla Chandra College, Kolkata, West Bengal, 700131	2354000

1135	Physical Sciences	Physical Sciences	Development of Tri And Tetra Valent Ions Doped Ceria Based Nanoelectrolytes For Solid Oxide Fuel Cell Application.	Dr. Deepthi N, Government College for Women, Thiruvananthapuram, Thiruvananthapuram, Kerala, 695014	1760000
1136	Physical Sciences	Physical Sciences	Investigating The Optical Properties And Hydrogen Evolution Reaction Activity Of Transition Metal Di-Chalcogenides (WS ₂ And MoS ₂) Nanostructures And Their Hybrids	Dr. Sandeep Sharma, Guru Nanak Dev University, Amritsar, Punjab, 143005	3703414
1137	Physical Sciences	Physical Sciences	Molecular Structure – Nonlinear Optical Property Relationships For A Series Of Donor/Acceptor (D/A) Substituted Π -Conjugated Chalcone Derivatives: A Combined Experimental And Theoretical Studies	Dr. Parutagouda S Patil, K L E Institute of Technology, Hubli, Karnataka, 580030	2874482
1138	Physical Sciences	Physical Sciences	Semi-Leptonic, Radiative And Non-Leptonic Rare B Decays In The Light Front Quark Model	Dr. Harleen Dahiya, Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, 144011	1885163
1139	Physical Sciences	Physical Sciences	Solar Light Driven, Bulk And Nanostructured Oxygen Deficient Perovskites For Efficient Dye Degradation And Industrial Waste Water Treatment Applications	Dr. Shubra Singh, Anna University, Chennai, Tamil Nadu, 6000025	3769240
1140	Physical Sciences	Physical Sciences	Development Of RF/Microwave Tunable Devices Uisng Multiferroic Heterostructure Thin Films	Dr. Sadhana Katlakunta, Osmania University, Hyderabad, Telangana, 500007	3098480
1141	Physical Sciences	Physical Sciences	Developing High-Performance Insulators For Electrowetting-Driven Liquid Lens And Beam-Steering Device	Dr. Arun Gulabrao Banupurkar, Savitribai Phule Pune University, Pune, Maharashtra, 411007	3098480
1142	Physical Sciences	Physical Sciences	Spin-Driven Ferroelectricity In Noncentrosymmetric Metal Oxides	Dr. Subham Majumdar, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	3780000
1143	Physical Sciences	Physical Sciences	Development Of Highly Efficient CdTe/CdS Tandem Multijunction Photovoltaic System Through Optimization Of Various Components	Dr. Ayush Khare, National Institute of Technology Raipur, Raipur, Chhattisgarh, 492010	3490520

1144	Physical Sciences	Physical Sciences	Robust Supercapacitive Performance Of Polymeric Matrix, Nanoscale Organic, And Inorganic Filler Reinforced Nanohybrid Electrode Materials For Battery Replacement.	Dr. Ram Bilash Choudhary, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	2991487
1145	Physical Sciences	Physical Sciences	Quantum Dynamical Study Of Low-Energy Electron Collision With Molecules And Radicals Having Relevance To Plasma And Astrophysics	Dr. Amar Kumar Dora, North Orissa University, Baripada, Orissa, 757003	1110673
1146	Physical Sciences	Physical Sciences	A Theoretical Investigation Of The Catch Bond In Dynein: Implications For Intracellular Processes	Dr. Mithun Kumar Mitra, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	1481480
1147	Physical Sciences	Physical Sciences	Probing The Role Of Phase Fluctuations In Nb-Cu Nanocomposite Thin Films By Magnetic Penetration Depth Studies	Dr. Sangita Bose, Centre for Excellence in Basic Sciences, University of Mumbai, Mumbai, Maharashtra, 400098	5779830
1148	Physical Sciences	Physical Sciences	Half-Metallic Heusler Alloys For Spintronics Applications	Dr. Preeti A Bhobe, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	2166307
1149	Physical Sciences	Physical Sciences	Development Of Lanthanide Doped Fluoride Nanoparticles For Solar Energy Harvesting	Dr. Venkata Krishnaiah Kummara, Rajeev Gandhi Memorial College of Engineering & Technology, Kurnool, Andhra Pradesh, 518501	3440580
1150	Physical Sciences	Physical Sciences	Development Of A Sensitive Tool To Study The Nonlinear Properties Of Monoamine Neurotransmitters	Dr. Umakanta Tripathy, Indian Institute of Technology (Indian School Of Mines), Dhanbad, Jharkhand, 826004	3696279
1151	Physical Sciences	Physical Sciences	"Pulsed Laser Deposition Grown Thin/Thick Film Of LiV ₃ O ₈ Nanorods For Lithium Metal Battery Applications"	Dr. Sakunthala Ayyasamy, Karunya University, Coimbatore, Tamil Nadu, 641114	4435844
1152	Physical Sciences	Physical Sciences	Studies Of Spin Orbit Interaction Of Light In Optical Tweezers	Dr. Ayan Banerjee, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4097500

1153	Physical Sciences	Physical Sciences	Investigation Of Spin Hall Effect And Spin Hall Magnetoresistance (SMR) Studies In Highly Spin-Orbit Coupled Oxide/Magnetic Insulator Heterostructures	Dr. M S Ramachandra Rao, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	2860000
1154	Physical Sciences	Physical Sciences	Electronic Structure Strategies And Electron Momentum Densities Of Some Important Functional Materials.	Dr. Jagrati Sahariya, Manipal University Jaipur, Jaipur, Rajasthan, 303007	1895520
1155	Physical Sciences	Physical Sciences	Development Of Ferroelectric Liquid Crystals Based Biosensors And Their Applications	Dr. Jai Prakash, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202002	3960000
1156	Physical Sciences	Physical Sciences	Development And Study Of Dielectric Barrier Plasma System For Enhancing Catalytic Decomposition Of Gaseous Pollutants	Dr. Smruti Das, Ravenshaw University, Cuttack, Orissa, 753003	5250520
1157	Physical Sciences	Physical Sciences	A Theoretical Investigation Of The Catch Bond In Dynein: Implications For Intracellular Processes	Dr. Sudipto Muhuri, Savitribai Phule Pune University, Pune, Maharashtra, 411007	1653784
1158	Physical Sciences	Physical Sciences	Biophysical Study Of Forming And Controlling Nano-Sized Domain In Model Cellular Membrane.	Dr. Sajal Kumar Ghosh, Shiv Nadar University, Gautambudh Nagar, Uttar Pradesh, 203207	3325518
1159	Physical Sciences	Physical Sciences	Modeling And Simulation Of Futuristic Carbon Nanotube Devices	Dr. Khurshed Ahmad Shah, Sri Pratap College, Srinagar, Jammu And Kashmir, 190001	3283978
1160	Physical Sciences	Physical Sciences	Quantum Simulations	Dr. Apoorva Dayaram Patel, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	2546062
1161	Physical Sciences	Physical Sciences	Theoretical Studies On Bound And Resonance States Of Positronic Atoms Embedded In Plasma	Dr. Arijit Ghoshal, University of Burdwan, Burdwan, West Bengal, 713101	975813
1162	Physical Sciences	Physical Sciences	Design And Development Of Dielectric Barrier Discharge Based Micro-Hollow Cathode Plasma Device Arrays & Their Characterization	Dr. Ram Prakash, Central Electronics Engineering Research Institute Pilani, Pilani, Rajasthan,	3055922
1163	Physical Sciences	Physical Sciences	Dynamics of Coupled Quantum Dots in A Semiconductor Micro-Cavity: Feasibility Of Building All Optical Switches	Dr. Pradip Kumar Jha, Deen Dayal Upadhyaya College, Delhi, Delhi, 110015	2435730

1164	Physical Sciences	Physical Sciences	Transformative Approaches For Design And Development Of 2-D Carbon Photovoltaics	Dr. Mariyappan Shanmugam, Amrita Institute of Medical Sciences & Research Centre, Kochi, Kerala, 682041	3600338
1165	Physical Sciences	Physical Sciences	Improvement Of Flux Pinning In Bi-Based Superconductor Tapes	Dr. Seshubai Vummethala, University of Hyderabad, Hyderabad, Telangana, 500046	2603480
1166	Physical Sciences	Physical Sciences	Improvement Of Flux Pinning In Bi-Based Superconductor Tapes	Dr. Manoj Raama Varma, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram, Kerala, 695019	533304
1167	Physical Sciences	Physical Sciences	Novel Route For Obtaining Free-Standing And Flexible MoS ₂ Thin Films With Enhanced Piezoelectric Properties	Dr. Shamima Hussain, Ugc-Dae Consortium for Scientific Research, Kalpakkam Node, Kalpakkam, Tamil Nadu, 603104	3738485
1168	Physical Sciences	Physical Sciences	Study Of Perturbing Two Body Resonances In A Three Body System And Finite Range Study Of Knockout Reactions.	Dr. Arun Kumar Jain, Bhabha Atomic Research Centre, Mumbai, Maharashtra, 400085	2192400
1169	Physical Sciences	Physical Sciences	Benzene Derivatives Based Single Electron Transistor Quantum Dots For Toxic Gas Sensing	Dr. Anurag Srivastava, Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior, Madhya Pradesh, 474015	2143020
1170	Physical Sciences	Physical Sciences	Process Development Of Thin Film Solar Cells From Abundant And Non-Toxic Materials.	Dr. Udai P Singh, Kalinga Institute of Industrial Technology, Bhubaneswar, Orissa, 751024	2070896
1171	Physical Sciences	Physical Sciences	Terahertz Spectroscopic Investigations On Oxygen Adsorption-Desorption Effects In Nanoporous ZnO Films For Visible-Blind UV Photodetection	Dr. Krushna R Mavani, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	4290000
1172	Physical Sciences	Physical Sciences	Study Of Lepton Flavor Violating (M-,E-) Conversion Process	Dr. Kaushlendra Chaturvedi, Bundelkhand University, Jhansi, Uttar Pradesh, 284128	2140699

1173	Physical Sciences	Physical Sciences	Study on Magnetocaloric Properties of Rare-Earth Based Thin Film Alloys For Environment Friendly Magnetic Refrigeration	Dr. Gopalakrishnan Chandrasekaran, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	2122560
1174	Physical Sciences	Physical Sciences	Stability Analysis Of Astrophysical Complex Plasmas	Dr. Pralay Kumar Karmakar, Tezpur University, Tezpur, Assam, 784028	1693560
1175	Physical Sciences	Physical Sciences	Quantum Transport In Mesoscale And Nanoscale Systems: Open Problems And Challenges	Dr. Santanu Kumar Maiti, Indian Statistical Institute Kolkata, Kolkata, West Bengal, 700108	1860980
1176	Physical Sciences	Physical Sciences	New Physics Prospects in View of Recent Results from Flavour Sector	Dr. Rukmani Mohanta, University of Hyderabad, Hyderabad, Telangana, 500046	2382620
1177	Physical Sciences	Physical Sciences	Study of Glass and Anti-Glass Phase Co-Existence And Transitions In Tellurite Systems	Dr. Atul Khanna, Guru Nanak Dev University, Amritsar, Punjab, 143005	2860000
1178	Physical Sciences	Physical Sciences	Neutrino Mass, Lepton Number Violation, Baryogenesis, Dark Matter And Related Cosmology Within Beyond Standard Model Frameworks	Dr. Mrinal Kumar Das, Tezpur University, Tezpur, Assam, 784028	2196954
1179	Physical Sciences	Physical Sciences	Ion Induced Modification of The Nanostructured Materials and Tuning Of Surface Wetting Property	Dr. Shyamal Chatterjee, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Orissa, 751013	4454758
1180	Physical Sciences	Physical Sciences	Development Of Environmental Friendly Perovskite Materials For Self-Powered Vibrational Energy Harvesting Device Applications	Dr. Sanjeeb Kumar Rout, Birla Institute of Technology Mesra, Ranchi, Ranchi, Jharkhand, 835215	5580520
1181	Physical Sciences	Physical Sciences	Indigenous Development Of High Efficiency Perovskite Solar Cells	Dr. Kanchan Saxena, Amity University Noida, Noida, Uttar Pradesh, 201303	3535189
1182	Physical Sciences	Physical Sciences	Entanglement Dynamics And Quantum Information Processing In Spin Systems	Dr. Chiranjib Mitra, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	4947085

1183	Physical Sciences	Physical Sciences	Flexible Polymer Nanocomposite Films For Energy Generation And Microwave Shielding Applications	Dr. Nillohit Mukherjee, Indian Institute of Engineering Science and Technology (IIST), Howrah, West Bengal, 711103	4654597
1184	Physical Sciences	Physical Sciences	Realization Of Oxide Based Solar Cells: Glass-Mo/Cu ₂ O/CuO/ZnO/Al-ZnO/ITO Heterojunction Solar Cell With Improved Performance	Dr. A K Pal, Jadavpur University, Kolkata, West Bengal, 700032	5285013
1185	Physical Sciences	Physical Sciences	2D Materials Beyond Graphene: A Computational Study Of Van Der Waals Heterostructures	Dr. Somnath Bhowmick, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016	1697520
1186	Physical Sciences	Physical Sciences	Development And Construction Of Radio-Frequency Ion Source	Dr. B Lalremruata, Mizoram University, Aizwal, Mizoram, 796004	4956428
1187	Physical Sciences	Physical Sciences	Complex Dielectric Structures In Liquid Crystals As Tunable Metamaterials	Dr. Jayasri D, Mahindra Ecole Centrale, Hyderabad, Telangana, 500043	2445520
1188	Physical Sciences	Physical Sciences	Substrate Supported Transition Metal Doped Alkaline Earth Clusters As Hydrogen Storage Materials And Their Applications In Hydrogen Fuel Cell	Dr. Debashis Bandyopadhyay, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	2057088
1189	Physical Sciences	Physical Sciences	Understanding The Physical Conditions Of Baryons Outside Of Galaxies In The Low Redshift Universe	Dr. Anand Narayanan, Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala, 695547	1603654
1190	Physical Sciences	Physical Sciences	Astrophysical And Laboratory Shear Flows With Stochastic Noise, Their Linear Instability And Transition To Turbulence	Dr. Banibrata Mukhopadhyay, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	1997820
1191	Physical Sciences	Physical Sciences	Dependence Of Exchange Bias On Interparticle Interaction	Dr. Debajyoti De, The Neotia University, Kolkata, West Bengal, 743363	3632145
1192	Physical Sciences	Physical Sciences	Studies On Fast Switching And Low Operating Vertically Aligned Liquid Crystal Lying On Capillary Convective Self Assembled Opal Crystals For Flexible Display	Dr. Pankaj Kumar, Chitkara University, Solan, Himachal Pradesh, 140401	2067560

1193	Physical Sciences	Physical Sciences	Studies On (I) Cross Sections Of Nuclear Reactions Induced By 14 MeV Neutrons For Formation Of Medical Radioisotopes And (Ii) Design And Development Of Fast Neutron Detectors	Dr. Sanjay Daga Dhole, Savitribai Phule Pune University, Pune, Maharashtra, 411007	4409127
1194	Physical Sciences	Physical Sciences	Remote Activation Of Shape Memory Effect In Polyurethane-Graphene Nanocomposites	Dr. Narendra Kumar Uttamchand, Vit University, Vellore, Tamil Nadu, 632014	2918625
1195	Physical Sciences	Physical Sciences	Synthesis And Characterization Of Composites Of Polypyrrole (PPy) ---- With Carbon Nanotube (CNT) And Graphene For Thermoelectric Applications	Dr. Dipali Banerjee, Indian Institute of Engineering Science and Technology (IIEST), Howrah, West Bengal, 711103	3371363
1196	Physical Sciences	Physical Sciences	W-LEDs And Glass Ceramics By Dy ³⁺ Sensitized Eu ³⁺ /Sm ³⁺ Doped Aluminoborosilicate Glasses	Dr. Sudha D Kamath, Manipal Academy of Higher Education, Manipal, Karnataka, 576104	4269883
1197	Physical Sciences	Physical Sciences	Design And Implementation Of Fundamental Logic Elements And Memory Device Using Nonlinear Dynamical Systems	Dr. Venkatesan Arunachalam, Nehru Memorial College, Tiruchirappalli, Tamil Nadu, 621007	1886280
1198	Physical Sciences	Physical Sciences	INVESTIGATION OF PROJECTILE STRUCTURE EFFECT IN HEAVY ION INDUCED REACTIONS AT 4 - 7 MEV/A	Dr. Avinash Agarwal, Bareilly College, Bareilly, Uttar Pradesh, 243005	2286295
1199	Physical Sciences	Physical Sciences	Electrochemically Lithiated Nanosheet Wrapped Si Nanoparticles For High Performance Battery Anodes	Dr. S S Islam, Jamia Millia Islamia, New Delhi, Delhi, 110025	5225052
1200	Physical Sciences	Physical Sciences	Modeling And Simulations Of Supernovae Type Ia Light Curves: Connecting Observations With Theory.	Dr. Shashikant Gupta, G D Goenka University, Gurgaon, Haryana, 122103	2280520
1201	Physical Sciences	Physical Sciences	Study Of The Coupling Between Magnetic And Dielectric Properties In Some Magnetic Ordering Induced Multiferroic Materials	Dr. Bidisa Chattoopadhyay, Lady Brabourne Coleege, Kolkata, West Bengal, 700017	5794833
1202	Physical Sciences	Physical Sciences	The Role Of Polarization Observables At LHC/ILC And Search For Exotic Long-Lived Colored Scalars At LHC	Dr. Ritesh Kumar Singh, Indian Institute of Science Education and Research Kolkata, Nadia, West Bengal, 741246	2459600

1203	Physical Sciences	Physical Sciences	Electron Impact Secondary Electron-Ion Coincidence Spectrometer For Investigation Of Dissociation Dynamics Of PAHs	Dr. Umesh Ramakant Kadhane, Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala, 695547	4777056
1204	Physical Sciences	Physical Sciences	Statistical Mechanics Of Biopolymers In Confined Geometry	Dr. Navin Singh, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	2341979
1205	Physical Sciences	Physical Sciences	Bismuth Glasses – Linear & Non-Linear Optical Studies	Dr. Vvraivikanth Kumar, Pondicherry University, Puducherry, Puducherry, 605014	3580715
1206	Physical Sciences	Physical Sciences	Development Of Flexible Metalized Nanofiber Network Transparent Conducting Electrode For Applications In Optoelectronic And Transparent Heating Devices	Dr. Basanta Kumar Sharma Hidangmayum, Manipur University, Imphal, Manipur, 795003	2713013
1207	Physical Sciences	Physical Sciences	Design Of All Photonic Logic Circuits Based On Optical Nonlinearities Of Semiconductor Laser Amplifier For Ultra-High Speed Applications	Dr. Lovkesh, Punjabi University, Patiala, Punjab, 147002	3737756
1208	Physical Sciences	Physical Sciences	Design, Instrumentation And Fabrication Of Highly Stable, Portable, Label-Free Digital Holographic Interference Microscopes For 3D Cell Imaging, Classification And Identification	Dr. Arun Anand, M S University Of Baroda, Vadodara, Gujarat, 390002	3978585
1209	Physical Sciences	Physical Sciences	Theoretical Investigations Of Quantum Criticality In Single Impurity And Lattice Model Hamiltonians	Dr. Vidhyadhiraja N Sudhindra, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Karnataka, 560064	2761128
1210	Physical Sciences	Physical Sciences	Theoretical Study And Analysis Of Hollow Core Photonic Crystal Fiber For The Application Of Gas Sensor	Dr. Tarun Kumar Gangopadhyay, Central Glass & Ceramic Research Institute, Kolkata, West Bengal, 700032	3007800
1211	Physical Sciences	Physical Sciences	Atomic Layer Deposition Of P-Type Delafossite Transparent Conducting Oxides And Its Possible Application In Perovskite Based Solar Cells	Dr. Shaibal K Sarkar, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	3026461

1212	Physical Sciences	Physical Sciences	Spin Injection, Interaction And Manipulation In Puckered 2D Materials: Designing Materials For Nano-Spintronics	Dr. Mukul Kabir, Indian Institute of Science Education and Research Pune, Pune, Maharashtra, 411008	2530000
1213	Physical Sciences	Physical Sciences	Probing The Phase Space Structure Of The Milky Way's Dark Matter Halo With The Galaxy's Rotation Curve Data Out To ~ 200 Kpc	Dr. Pijushpani Bhattacharjee, Saha Institute of Nuclear Physics, Kolkata, West Bengal, 700064	823842
1214	Physical Sciences	Physical Sciences	Moving Beyond The Folds: Design Of DNA Origamis As Breadboard Mimicking Scaffolds And Their Interactions With Nanoparticles Through SERS.	Dr. Joydeep Chowdhury, Jadavpur University, Kolkata, West Bengal, 700032	6090560
1215	Physical Sciences	Physical Sciences	Study Of Fusion-Fission Properties Of Heavy And Super Heavy Nuclei	Dr. Bivash Ranjan Behera, Panjab University, Chandigarh, Chandigarh, 160014	2970000
1216	Physical Sciences	Physical Sciences	Models Of Unification And Physics Beyond The Standard Model	Dr. Palash Baran Pal, University of Calcutta, Kolkata, West Bengal, 700073	3524400
1217	Physical Sciences	Physical Sciences	Investigation Of Transport And Magnetic Properties Of Novel Fe- And BiS ₂ - Based Superconductors Under Extreme Conditions Of High Pressure, Low Temperature And High Magnetic Field.	Dr. Sonachalam Arumugam, Bharathidasan University, Tiruchirappalli, Tamil Nadu, 620024	19904400
1218	Physical Sciences	Physical Sciences	Studying The Physics Of Interfacial Excitons In N-ZnO/P-GaN Heterojunctions En Route To Exploring The Prospect Of These Heterojunctions For Ultraviolet (UV) Light Emitters And Detectors	Dr. Subhabrata Dhar, Indian Institute of Technology Bombay, Mumbai, Maharashtra, 400076	4070811
1219	Physical Sciences	Physical Sciences	Study The Dynamical Evolution Of Spin And Valley Related Many Particle Electronic States In Two Dimensional Transition Metal Dichalcogenides Using Ultrafast Time-Resolved Spectroscopy	Dr. Suman Kalyan Pal, Indian Institute of Technology Mandi, Mandi, Himachal Pradesh, 175005	3500716
1220	Physical Sciences	Physical Sciences	Molecular Self-Assembly And Intercalation Dynamics In Inorganic-Organic Hybrid Composites : In-Situ Monitoring Of Excitons	Dr. G Vijaya Prakash, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	1775400

1221	Physical Sciences	Physical Sciences	Utilization Of Agricultural Waste As An Electrode Material For Energy Storage Devices	Dr. Anurag Gaur, National Institute of Technology Kurukshetra, Kurukshetra, Haryana, 136119	4149341
1222	Physical Sciences	Physical Sciences	Investigations Of New Lead Free Perovskite Materials For Solar Cells	Dr. Prabhakar Singh, Indian Institute of Technology (Bhu), Varanasi, Uttar Pradesh, 221005	3809391
1223	Physical Sciences	Physical Sciences	To Design And Develop A Novel Spin Controlled Chiral Quantum Dot DNA Bio-Sensor.	Dr. Debabrata Mishra, University of Delhi, Delhi, Delhi, 110007	1771000
1224	Physical Sciences	Physical Sciences	Development Of Near Infrared Long Persistent Phosphors For Defence And Security Applications	Dr. Jairam Manam, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	4623300
1225	Physical Sciences	Physical Sciences	Structure And Properties Of Nematic Liquid Crystal Colloids In Confined Geometry: Theory, Computer Simulation And Experiment	Dr. Pankaj Mishra, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	2336400
1226	Physical Sciences	Physical Sciences	Copper Oxide Based Cost-Effective Photovoltaics By Magnetron Sputtering	Dr. Samir Ranjan Meher, Vit University, Vellore, Tamil Nadu, 632014	2691577
1227	Physical Sciences	Physical Sciences	Nanostructured Electrolyte Materials For Low Temperature Solid Oxide Fuel Cell (LT-SOFC)	Dr. Ranjan Kumar Pati, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, 382007	2994310
1228	Physical Sciences	Physical Sciences	Pulsed Laser Deposition Of Large Area Monolayer / Few Layers Of 2D Transition Metal Dichalcogenides (TMDs) For TFT Applications.	Dr. Reshmi R, Union Christian College, Aluva, Kerala, 683102	1452000
1229	Physical Sciences	Physical Sciences	Design, Fabrication And Evaluation Of Compositionally Graded Nanocomposite Hard Coatings For High-Temperature Tribological Applications	Dr. Dinesh Kumar Devarajan, Sathyabama University, Chennai, Tamil Nadu, 600119	4343020
1230	Physical Sciences	Physical Sciences	Exploring New Methodology To Estimate The Values Of Onsite Coulombic Repulsive Energy (U) And Charge Transfer Energy (Δ) In Transition Metal Oxides Through Combined Optical And Structural Studies	Dr. Pankaj Ramesh Sagdeo, Indian Institute of Technology Indore, Indore, Madhya Pradesh, 452011	2321264

1231	Physical Sciences	Physical Sciences	Well Growth ZnO Nano Rods Used To Fabricate LSPR Based Optical Fiber Sensor To Detect Automobile Fuel Adulteration	Dr. Vinod Kumar Singh, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand, 826004	2073500
1232	Physical Sciences	Physical Sciences	Large Unit Cell Materials With Intrinsically Low Thermal Conductivity For Thermoelectric Applications	Dr. Ajay Soni, Indian Institute of Technology Mandi, Mandi, Himachal Pradesh, 175005	4712400
1233	Physical Sciences	Physical Sciences	Realization Of Topological Phases Using Van-Der Waals Heterostructures	Dr. Anindya Das, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	5610000
1234	Physical Sciences	Physical Sciences	Construction Of Compact RGB Laser System Using QPM Crystal For Display Applications.	Dr. S K Pandiyan, Sastra University, Thanjavur, Tamil Nadu, 613401	3327137
1235	Physical Sciences	Physical Sciences	Study Of Microalloying Effects On The Atomic-Level Structure, Dynamics, Glass Formation And Physical Properties Of Zr-Based Bulk Metallic Glass-Forming Alloys.	Dr. Kirit N Lad, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120	2244440
1236	Physical Sciences	Physical Sciences	Investigations of Electrical and Dielectric Properties of Chalcogenide Glassy Alloys	Dr. Sanjib Bhattacharya, Siliguri Institute of Technology, Darjiling, West Bengal,	3355520
1237	Physical Sciences	Physical Sciences	Dynamic Spin Injection and Spin-Orbit Torques In 2D-Transition Metal Dichalcogenides/Ferromagnet Heterostructures	Dr. Pranaba Kishor Muduli, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	3198888
1238	Physical Sciences	Physical Sciences	Ionization And Capture Cross Sections For Electron Removal From Atoms/Bio-Molecules By Bare And Dressed Ion Impact	Dr. Malay Purkait, Ramakrishna Mission Residential College, Kolkata, West Bengal,	2462394
1239	Physical Sciences	Physical Sciences	Realization Of Ultra-Strong Coupling In A Circuit Quantum Electrodynamics (QED) Setup	Dr. Vibhor Singh, Indian Institute of Science, Bangalore, Bangalore, Karnataka, 560012	4620000
1240	Physical Sciences	Physical Sciences	Development Of Laser Biospeckle Technique For Applications In Agriculture	Dr. Shashi Prakash, Devi Ahilya Vishwavidyalaya, Indore, Madhya Pradesh,	2916406

1241	Physical Sciences	Physical Sciences	Investigation On Langmuir-Blodgett Films Of Pristine And Functionalized Single Walled Carbon Nanotubes And Application	Dr. Raj Kumar Gupta, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	4569836
1242	Physical Sciences	Physical Sciences	Search For Quadrupole And Octupole Collectivity In Nuclei Of Mass $A \sim 150$ Region	Dr. Sanjay Kumar Chamoli, University of Delhi, Delhi, Delhi, 110007	2313696
1243	Physical Sciences	Physical Sciences	Anomalous Properties Of Confined Films Of Polymer And Polymer Nanocomposite	Dr. Jayanta Kumar Bal, Abhedananda Mahavidyalaya, Birbhum, West Bengal,	3281482
1244	Physical Sciences	Physical Sciences	Multiparticle Entanglement, Nonlocality And Quantum Information Processing- Analysing The Role And Applications Of Statistical Correlations	Dr. Atul Kumar, Indian Institute of Technology Jodhpur, Jodhpur, Rajasthan,	1950877
1245	Physical Sciences	Physical Sciences	Experimental Study Of Fission Hindrance And Viscosity In Highly Excited Nucleus	Dr. Sudhee Ranjan Banerjee, Variable Energy Cyclotron Centre, Kolkata, West Bengal,	1890000
1246	Physical Sciences	Physical Sciences	Quantum Gate And Generation Of Non-Classical States Using Spin-Chain At The Metal-Dielectric Interface	Dr. Shubhrangshu Dasgupta, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	2180720
1247	Physical Sciences	Physical Sciences	Development Of Bismuth-Based Complex Perovskites Piezoelectric Single Crystals For Strategic Applications	Dr. Anandhababu Govindhan, SSN College of Engineering, Kalpakkam, Tamil Nadu,	2878700
1248	Physical Sciences	Physical Sciences	In Situ Probing Of Intermolecular Interactions At Buried Polymer Nanocomposite Aqueous Interfaces By Sum Frequency Generation Vibrational Spectroscopy For Biofouling Applications	Dr. Kailash Chandra Jena, Indian Institute of Technology Ropar, Ropar, Punjab, 140001	4707246
1249	Physical Sciences	Physical Sciences	Van Der Waals Superconducting Circuits Operating At Elevated Temperatures & Magnetic Fields	Dr. Madhu Thalakulam, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala,	5694832

1250	Physical Sciences	Physical Sciences	Challenging General Relativity At The Largest Scales: A Systematic Investigation Of Cosmological Perturbations In Modified Gravity	Dr. Jibitesh Dutta, North Eastern Hill University, Shillong, Meghalaya,	2237442
1251	Physical Sciences	Physical Sciences	Inhomogeneities In Correlated Systems: Superconductors, Insulators And Many-Body Localized Systems	Dr. Arti Garg, Saha Institute of Nuclear Physics, Kolkata, West Bengal, 700064	5133628
1252	Physical Sciences	Physical Sciences	Fusion Phenomena Of Weakly Bound Particles In Low-Medium Mass Nuclei: Separation Of Some Important Radionuclides	Dr. Moumita Maiti, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247667	3758013
1253	Physical Sciences	Physical Sciences	Phase Transition Studies Of Ga Doped $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Thin Films For Data Storage Applications	Dr. Anup Thakur, Punjabi University, Patiala, Punjab, 147002	2675332
1254	Physical Sciences	Physical Sciences	Role Of Functionalised Porous Nitrogen Doped Graphene Layer In CO_2 Capture : A Density Functional Study	Dr. Mrinalini Dilip Deshpande, HPT ARTS & RYK SCIENCE COLLEGE, Nashik, Maharashtra,	2074006
1255	Physical Sciences	Physical Sciences	Development Of Novel Two Dimensional Materials And Their Nano-Carbon Composites As Efficient Photo- And Electro-Catalysts For Hydrogen Generation From Water	Dr. Abhijit Ray, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat,	3798953
1256	Physical Sciences	Physical Sciences	Multi-Nucleon Transfer Reaction Dynamics And Its Effect On Fusion Near The Coulomb Barrier For Medium Mass Nuclei	Dr. Samit Kumar Mandal, University of Delhi, Delhi, Delhi, 110007	4174557
1257	Physical Sciences	Physical Sciences	Multiple Exciton Harvesting At Zero-Dimensional/Two-Dimensional (ZnO/MoS_2) – Polymer Heterostructures	Dr. Karthikeyan B, National Institute of Technology Tiruchirappalli, Tiruchirappalli, Tamil Nadu, 620015	4325255
1258	Physical Sciences	Physical Sciences	Development Of Cheap And Durable Anti-Fingerprint And Anti-Reflective Coatings For Electronic And Optical Display Panels	Dr. Aditya Kumar, Indian Institute of Technology (Indian School Of Mines), Dhanbad, Jharkhand,	2567400
1259	Physical Sciences	Physical Sciences	Physics At The Large Hadron Collider	Dr. Priyotosh Bandyopadhyay, Indian Institute of Technology Hyderabad, Hyderabad, Telangana, 502205	3144732

1260	Physical Sciences	Physical Sciences	Anisotropy Of Spin-Diffusion Length In Layered Transition Metal Dichalcogenides: Spin Valve Devices	Dr. Amlan J Pal, Indian Association for The Cultivation of Science, Kolkata, West Bengal, 700032	5179333
1261	Physical Sciences	Physical Sciences	Electromagnetic Solitons And Nonlinear Landau Damping In Plasmas	Dr. Amar Prasad Misra, Visva Bharati University, Shanti Niketan, West Bengal, 731235	1914948
1262	Physical Sciences	Physical Sciences	Heavy Flavor Physics And Exotics	Dr. Rohit Dhir, S R M University Kattankulathur, Kattankulathur, Tamil Nadu, 603203	2339832
1263	Physical Sciences	Physical Sciences	Regularization Of Singularities And Development Of Instabilities In Fluids And Plasmas	Dr. Govind Sudarshan Krishnaswami, Chennai Mathematical Institute, Chennai, Tamil Nadu,	2247696
1264	Physical Sciences	Physical Sciences	Indigenous Development Of Plasma Sprayable Powders And Coatings For Advanced Environmental Barrier Coatings For Aerospace Application	Dr. Aruna S T, National Aerospace Laboratories, Bangalore, Karnataka, 560037	3970890
1265	Physical Sciences	Physical Sciences	Computational Studies Of Structure And Interface Modified Magnetic Materials For Nanomagnetic Devices	Dr. Saswati Barman, Institute of Engineering and Management, Kolkata, West Bengal, 700160	2734556
1266	Physical Sciences	Physical Sciences	Radiation Stability Of Nano-Structured Ceramics For Nuclear Reactor Applications	Dr. Pawan Kumar Kulriya, Inter University Accelerator Centre, New Delhi, Delhi,	2977157
1267	Physical Sciences	Physical Sciences	Investigation Of Elastic And Inelastic Dephasing In Carbon Nanotube FET	Dr. Niladri Sarkar, Birla Institute of Technology and Science Pilani, Pilani, Rajasthan, 333031	1825450
1268	Physical Sciences	Physical Sciences	Competing Magnetic Interaction As A Route To Giant Exchange Bias In Layered Perovskite Oxides	Dr. Santhosh P N, Indian Institute of Technology Madras, Chennai, Tamil Nadu, 600036	1425380
1269	Physical Sciences	Physical Sciences	Relativistic, Magnetic And Dynamical Astrophysics	Dr. Arun Mangalam, Indian Institute of Astrophysics, Bangalore, Karnataka,	2495998

1270	Physical Sciences	Physical Sciences	Study Of The Heavy Flavour Observables For An Indirect Detection Of Physics Beyond The Standard Model	Dr. Soumitra Nandi, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	2320560
1271	Physical Sciences	Physical Sciences	Multiscale Modeling And Simulation Of Complex Plasma Dynamics During High Power Millimeter Wave Breakdown	Dr. Bhaskar Chaudhury, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, 382007	2159740
1272	Physical Sciences	Physical Sciences	Coherent Control Of Wave Front Engineering	Dr. Tarak Nath Dey, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039	2346850
1273	Physical Sciences	Physical Sciences	Heavy Flavour Mesons In Magnetized Hadronic Medium	Dr. Amruta Mishra, Indian Institute of Technology Delhi, New Delhi, Delhi, 110016	733634
1274	Physical Sciences	Physical Sciences	Conformal Approach To Supergravity: New Perspectives And Applications	Dr. Bindusar Sahoo, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, Kerala,	2625296
1275	Physical Sciences	Physical Sciences	Thermoablation Mechanism In Core-Shell Nanoparticles With Highly Magnetic FeCo Core	Dr. R Justin Joseyphus, National Institute of Technology Tiruchirappalli, Tiruchirappalli, Tamil Nadu, 620015	2006400
1276	Physical Sciences	Physical Sciences	Development Of CrAlSiN Based Superhard Nanocomposite Coatings	Dr. Sharmistha Anwar, Institute of Minerals & Materials Technology, Bhubaneswar, Orissa, 751013	2175120