

List of Applications Received under Chemical Sciences

Sr. No.	Name & Address of the Applicants	Title of Proposal / File No.
1.	Dr. Dibyendu Das Indian Institute of Science Education and Research (IISER) Campus, IISER Kolkata, Mohanpur West Bengal (741246)	Sustained Autonomy in Out of Equilibrium Supramolecular Materials (DST/SJF/CS/2019/1)
2.	Dr. Ranjithkumar V Sri Ramakrishna College of Arts and Science Avinasi road, Nava India Coimbatore Tamilnadu (641006)	Conductive polymer/Graphene/metal oxide magnetic nanocomposites -Synthesis, Characterization and their Applications in Supercapacitor and Adsorption of Hazardous Chemicals (DST/SJF/CS/2019/2)
3.	Dr. Rajesh Singh National Institute of Hydrology, Roorkee, Uttarakhand (247667)	Investigations on Carcinogens in the Water and Food Consumed by Population in Bathinda District of Punjab and Evaluating the Mutagenic Potential (DST/SJF/CS/2019/3)
4.	Dr. Ch. Rajyalakshmi Vishnu Institute of Technology, Vishnupur, Bhimavaram. West Godavari Dist., Andhra Pradesh (534202)	Fuel cell Based Technology for Bio-electricity Generation from Waste Streams Found in Godavari Region of Andhra Pradesh (DST/SJF/CS/2019/4)
5.	Dr. Abhijit Patra Indian Institute of Science Education and Research Bhopal Bypass Road, Bhauri, Bhopal Madhya Pradesh (462066)	Knitting the molecular containers through aromatic linkers towards task-specific porous organic polymers (DST/SJF/CS/2019/5)
6.	Dr. Basker Sundararaju IIT Kanpur Uttar Pradesh (208016)	Designing Organocobalt-complexes for Environmental and Bio-medical Applications (DST/SJF/CS/2019/6)
7.	Dr. Hariom Nagar Suresh Gyan Vihar University, Jaipur Mahal, Jagatpura, Jaipur Rajasthan (302025)	Synthesis of new chiral stationary phases and reagents, characterization and their uses for determination and separation of enantiomers of important pharmaceuticals (DST/SJF/CS/2019/7)
8.	Dr. Sayan Bagchi CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road Pune Maharashtra (411008)	Electrostatic Catalysis de novo catalyst design exploiting internal electric field (DST/SJF/CS/2019/8)
9.	Dr. Shikha Wadhwa Amity Institute of Nanotechnology, Amity University Uttar Pradesh SECTOR, 125, Noida Uttar Pradesh (201313)	Removal of Pharmaceutical Compounds from Water Using Metal Organic Framework MOF (DST/SJF/CS/2019/9)
10.	Dr. Bani Kanta Sarma Shiv Nadar university NH91, Chithera, Tehsil Dadri Uttar Pradesh (201314)	Tackling Brain Disorders by Monitoring and Manipulating the Functions of Monoamine Oxidases MAOs Development of Novel Isoform-Selective Fluorescent Probes and Reversible Inhibitors of MAOs (DST/SJF/CS/2019/10)

11.	Dr. Snehasis Chakraborty Institute of Chemical Technology, Mumbai Nathalal Praekh Road, Near Don Bosco School, Matunga (East), Mumbai Maharashtra (400019)	Does the medium pH systematically influence the microbial and enzyme inactivation kinetics during thermal and high-pressure treatments of fruit and vegetable juices? (DST/SJF/CS/2019/11)
12.	Dr. Varatharajan Sabareesh Vellore Institute of Technology VIT University, Vellore Tamilnadu (632104)	Determination of Molecular Electrospray Ionization Index, MESII, of selected groups of small molecules that are of clinical, pharmaceutical, phytochemical and of food technological relevance - Evaluation of applicability of MESII for LC-MS based quantification (DST/SJF/CS/2019/12)
13.	Dr. Bikash Kumar Jena CSIR Immt Acharya Vihar Bhubaneswar Orissa (751013)	Study the Electrochemistry on Single Nanoparticle/Nanowire for Energy Conversion and Sensing/Biosensing Applications (DST/SJF/CS/2019/13)
14.	Dr. Vishal Rai Indian Institute of Science Education and Research Bhopal Bypass Road, Bhaury, Bhopal Madhya Pradesh (462066)	Chemical Toolbox for Precision Engineering of Proteins. (DST/SJF/CS/2019/14)
15.	Dr. L Renuka Rajalakshmi Engineering College Thandalam Chennai Tamilnadu (602105)	Development of Novel Green fuel mediated nanocomposites for Textile and Dye industry Waste Water Treatment (DST/SJF/CS/2019/15)
16.	Dr. Sudesh Kumar Banasthali Vidyapith, Banasthali Rajasthan (304022)	Microbial bio degradation of waste plastic and its conversion into lubricants (DST/SJF/CS/2019/16)
17.	Dr. Dhanasekaran Palanisamy Bharathiar University, Coimbatore, Tamil Nadu (641046)	Optical, Antibacterial and Anticancer Applications of Ninhydrin Single Crystals (DST/SJF/CS/2019/17)
18.	Prof. Debabrata Maiti Indian Institute of Technology Bombay, Mumbai IIT Bombay, Powai Mumbai Maharashtra (400076)	Organometallic Catalysis by Metalloenzymes and Artificial Metalloenzymes (DST/SJF/CS/2019/18)
19.	Dr. Mohammad Zain Khan Aligarh Muslim University Aligarh Uttar Pradesh (202002)	Development of Bioelectrochemical Systems for Production of Renewable and Sustainable biofuel from carbon (DST/SJF/CS/2019/19)
20.	Dr. Biswarup Pathak Indian Institute of Technology Indore Khandwa Road, Simrol Indore Madhya Pradesh (453552)	Theoretical Insights into Nanocluster Based Electrodes for Fuel Cell Applications (DST/SJF/CS/2019/20)
21.	Dr. Sharmistha Sinha Institute of Nano Science and Technology Habitat Centre, Phase 10, Sector 64, Mohali, Punjab (160062)	Bacterial Microcompartments Contemplates for the development of active protocells in vitro (DST/SJF/CS/2019/21)
22.	Prof. Maheswaran Shanmugam Indian Institute of Technology Bombay IIT Bombay, Powai Maharashtra, India (400076)	Stable n-doping of graphene with molecular 3d/4f metal complexes as dopants for realizing hierarchical molecular electronic devices (DST/SJF/CS/2019/22)

23.	Dr. Deepak Chopra Indian Institute of Science Education and Research Bhopal Bypass Road, Bhauri, Bhopal Madhya Pradesh (462066)	Quantitative insights into the influence of pressure on the photoluminescence properties of Charge Transfer and Halogen Bonded Co-crystals. (DST/SJF/CS/2019/23)
24.	Dr. Sandip B Bharate CSIR Indian Institute of Integrative Medicine Canal Road, Jammu And Kashmir (180001)	Discovery and Preclinical Development of Multi-Targeted Agents for Therapeutic Management of Alzheimer's Disease (DST/SJF/CS/2019/24)
25.	Dr. Urvashi Punjab Agricultural University Ferozepur Road ,Pau, Ludhiana Punjab (141004)	Screening of natural products to control phytopathogens: A way ahead to organic farming (DST/SJF/CS/2019/25)
26.	Dr. Jai Prakash National Institute of Technology Hamirpur NIT Hamirpur, Anu, Hamirpur Himachal Pradesh (177005)	Development of new generation of sensing materials for toxic gases (DST/SJF/CS/2019/26)
27.	Prof. Ranjani Viswanatha Jawaharlal Nehru Centre for Advanced Scientific Research (jncasr) PO Jakkur, Bangalore Karnataka (560064)	Electron Drip-Feeding for Energy Efficient Optical Applications (DST/SJF/CS/2019/27)
28.	Dr. Akila Sri Ramakrishna College of Arts and Science(autonomous) formerly SNR Sons College Avinashi Road Nava, India, Coimbatore Tamilnadu (641006)	Synthesis of novel NN-acylmorpholinoacetyl-azacycles as potent anticancer agents with broad spectrum (DST/SJF/CS/2019/28)
29.	Prof. Santanu Mukherjee Indian Institute of Science Bangalore C. V. Raman Road Bangalore Bangalore Karnataka (560012)	Iridium-Catalyzed Enantioselective Allylic Substitution Approach towards Active Pharmaceutical Ingredients (APIs) (DST/SJF/CS/2019/29)
30.	Dr. Angshuman Nag Indian Institute of Science Education and Research Pune Dr. Homi Bhabha Road Pune Maharashtra (411008)	Can Earth Abundant, Stable, Non-Toxic Chalcogenide Perovskites Become Novel Optoelectronic Materials Beyond Silicon (DST/SJF/CS/2019/30)
31.	Dr. Sivapriya Kirubakaran Indian Institute of Technology Gandhinagar Palaj Village ,Simkheda, Gandhinagar Gujarat (382355)	Lead Molecule Discovery as combinatorial therapy for Pancreatic Cancer Targeting DNA Damage Repair DDR Pathway Kinases (DST/SJF/CS/2019/31)
32.	Dr. Kanishka Biswas Jawaharlal Nehru Centre for Advanced Scientific Research (jncasr) PO Jakkur, Bangalore Bengaluru Karnataka (560064)	Intrinsically Low Thermal Conductive Metal Chalcogenides for Thermoelectric "Waste Heat" to "Electrical Energy" Conversion (DST/SJF/CS/2019/32)
33.	Dr. Masood Ayoub Kaloo Govt Degree College Shopian Gagren, Shopian, Jammu And Kashmir (192303)	Development of Star-shaped AIE-active luminogens for longer wavelength Emission: Selective ion sensing & Information processing (DST/SJF/CS/2019/33)

34.	Dr. Santanu Kumar Pal Indian Institute of Science Education and Research Mohali Knowledge City, Sector 81 SAS Nagar, PO Manauli Punjab (140306)	Novel organic materials in nanostructured devices Fundamentals and applications in bio-sensing, atomic switches and light-emitting diodes (DST/SJF/CS/2019/34)
35.	Dr. Ashwani Kumar Tiwari Indian Institute of Science Education and Research Kolkata Mohanpur, Nadia, West Bengal, India (741246)	Quantum Dynamical Insights into Fragmentations and Ionizations of Molecules under the Influence of Intense Laser Pulses (DST/SJF/CS/2019/35)
36.	Dr. Apurba Kumar Das Indian Institute of Technology Indore Khandwa Road, Simrol Indore Madhya Pradesh (453552)	Native Chemical Ligation: A Tool for the Exploration of Peptides to Mimic Enzymes (DST/SJF/CS/2019/36)
37.	Prof. Shabana Khan Indian Institute of Science Education and Research Pune Dr. Homi Bhabha Road Pune Maharashtra (411008)	SiliconII ligands stabilized metal nanoparticles and their application in carbon dioxide reduction, water splitting and organic transformations (DST/SJF/CS/2019/37)
38.	Dr. Ekambaram Balaraman Indian Institute of Science Education and Research Tirupati Rami Reddy Nagar, Karakambadi Road, Mangalam B.O. Tirupati Andhra Pradesh (517507)	Dehydrogenation reaction and applications in sustainable chemical synthesis and hydrogen storage (DST/SJF/CS/2019/38)
39.	Dr. Buddhadeb Chattopadhyay Centre of Biomedical Research Sanjay Gandhi Postgraduate Institute of Medical Sciences Campus. Raibareli Road, Lucknow Uttar Pradesh (226014)	Boron-Bearing Small Molecules for Drug Discovery and Disease Detection (DST/SJF/CS/2019/39)
40.	Prof. Vivek Polshettiwar Tata Institute of Fundamental Research (TIFR) 1, Homi Bhabha Road, Colaba, Mumbai Maharashtra (400005)	Defected Plasmonic Nanomaterial for Converting CO ₂ to Fuel (DST/SJF/CS/2019/40)
41.	Dr. Pinkeshkumar Gopalbhai Sutariya Bhavan's Shri i.I.Pandya Arts Science and SMT.J.M.Shah Commerce College, dakor Bhavans College Dakor-Umreth road Dakor Gujarat (388225)	Designing of calix[4]arene linked fluorescence sensor for spontaneous recognition of explosives: Paper based device and computational investigation (DST/SJF/CS/2019/41)
42.	Dr. Rajarshi Chakrabarti Indian Institute of Technology Bombay IIT Bombay, Powai, Maharashtra, India (400076)	Theoretical investigation of self-propelled particles in crowded medium with plausible implications in drug delivery (DST/SJF/CS/2019/42)
43.	Prof. Gopalan Rajaraman Indian institute of technology bombay Address: IIT Bombay, Powai, Mumbai 400 076, Maharashtra, India Powai Maharashtra (400076)	An About-face Approach to Molecular Spintronics Materials (DST/SJF/CS/2019/43)
44.	Dr. Gopal Lal Khatik Lovely Professional University, Delhi - Jalandhar National Highway,	Phytochemical based lead identification through in-silico drug design as antidiabetic agents, targeting to peroxisome proliferator-

	Phagwara, Punjab (144411)	activated receptors PPARs (DST/SJF/CS/2019/44)
45.	Prof. Rajneesh Misra IIT Indore Indian Institute of Technology Indore, Khandwa Road, Simrol Indore Madhya Pradesh (453552)	NIR-II absorbing Phenothiazine based semiconductors for Optoelectronic and Imaging applications (DST/SJF/CS/2019/45)
46.	Dr. Vanchiappan Aravindan Indian Institute of Science Education and Research Tirupati Rami Reddy Nagar, Karakambadi Road, Mangalam B.O. Tirupati Andhra Pradesh (517507)	Transition Metal Free High Energy Density Batteries from Spent Li-ion Battery (DST/SJF/CS/2019/46)
47.	Dr. Ayan Datta Indian Association for The Cultivation of Science 2A & 2B Raja S C Mullick Road Kolkata West Bengal (700032)	Chemical Bonding Under Stress Stabilizing New Phases of Materials Under Extreme Conditions (DST/SJF/CS/2019/47)
48.	Dr. Rajasekar M Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai (600 119) Tamilnadu, INDIA.	New methodology for synthesis of heterocyclic/disaccharide derivatives through novel biochemical process (DST/SJF/CS/2019/48)
49.	Dr. Anandhavelu S Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College #42 Avadi-Vel Tech Road CHENNAI Avadi Tamilnadu (600062)	One-pot chemical synthesis of Schiff base ligands and its metal hybrid nanocomposites for Energy applications (DST/SJF/CS/2019/49)