

Sectional Committee 2021

Sectional Committee - I : Mathematical Sciences

Applied Mathematics, Pure Mathematics, Theoretical Computer Science, Statistics and Operations Research

Name and Address	Specialization	To serve until 31st December
*Dr Vikraman Balaji JC Bose National Fellow Chennai Mathematical Institute H1 SIPCOT IT Park Siruseri, Kelambakkam 603103 (Secretary & Convener)	Mathematics	2021
**Professor RL Karandikar Director Chennai Mathematical Institute H1, SIPCOT IT Park, Siruseri Chennai 603103	Probability and Statistics	2021
Professor Saradha Natarajan INSA Senior Scientist University of Mumbai-Department of Atomic Energy Centre for Excellence in Basic Sciences Mumbai 400098	Number Theory	2021
Professor RB Bapat Statistical Mathematics Unit Indian Statistical Institute 7, SJS Sansanwal Marg New Delhi 110016	Combinatorial Matrix Theory, Generalised Inverses	2022
Professor SK Khanduja CSIR Emeritus Scientist Indian Institute of Science Education and Research, Mohali Sector 81, Knowledge City SAS Nagar Mohali 140306	Algebra, Algebraic Number Theory	2022
***Professor AJ Parameswaran Professor (I) School of Mathematics Tata Institute of Fundamental Research Homi Bhabha Road, Colaba Mumbai 400005	Algebraic Geometry	2022
Professor KT Joseph Raja Ramanna Fellow TIFR Centre for Applicable Mathematics PB No. 6503, GKVK PO, Sharada Nagar Chikkabommasandra Bengaluru 560065	Hyperbolic Conservation Laws and Parabolic PDES, Boundary Layers & Delta Shocks	2023
Professor Jaikumar Radhakrishnan Senior Professor (I) School of Technology and Computer Science Tata Institute of Fundamental Research Homi Bhabha Road, Colaba Mumbai 400005	Theoretical Computer Science, Complexity Theory, Discrete Mathematics	2023
Professor KB Sinha INSA Senior Scientist Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) Jakkur Bengaluru 560064	Spectral Theory and Non-commutative Geometry & Stochastic Processes	2023

* Secretary & Convener in place of Professor RP Bapat for the year 2021

** In place of Professor Arup Bose for the year 2021

*** In place of Professor Indranil Biswas for the years 2021 and 2022

Sectional Committee 2021

Sectional Committee - II : Physics

Astronomy, Astrophysics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Theoretical Physics, Mathematical and Computational Physics, Condensed Matter including Soft, Liquids and Nano Materials, Cosmic Radiation, Cosmology, Space Physics, Basic Planetary Sciences, Lasers and Optoelectronics, Plasma Physics, Solar Physics, Atmospheric Physics

Name and Address	Specialization	To serve until 31st December
*Professor Rahul Pandit Department of Physics Indian Institute of Science Bengaluru 560012	Statistical Mechanics of Phase Transitions, Condensed Matter Theory, Spatiotemporal Chaos and Mathematical Models for Cardiac Tissue and Turbulence	2021
Professor G Ravindra Kumar Senior Professor Tata Institute of Fundamental Research Homi Bhabha Road Colaba Mumbai 400005	Physics (Nonlinear optics, study of matter in intense laser fields)	2021
Professor Sudeshna Sinha Indian Institute of Science Education and Research (IISER) Mohali Knowledge City, Sector-81 Mohali 140306	Nonlinear Dynamics, Chaos and Complex Systems	2021
Dr Praveen Chaddah Flat 702, Block 24 Heritage City (near MG Road Metro Station) Gurugram 122002	Condensed Matter Physics	2022
Professor Rajesh Gopakumar Senior Professor and Centre Director International Centre for Theoretical Sciences (ICTS-TIFR) Shivakote Hesaraghatta Hobli Bengaluru 560089	Theoretical Physics	2022
**Professor Sunil Mukhi Department of Physics Indian Institute of Science Education and Research (IISER) Homi Bhabha Road Pashan Pune 411008	Theoretical High Energy Physics, String Theory	2022
***Professor Amita Das Department of Physics Indian Institute of Technology Delhi Hauz Khas New Delhi 110016	Physics	2023
Professor PS Joshi Vice-Chancellor (Provost) & Founding Director International Center for Cosmology (ICC) Charotar University of Science & Technology CHARUSAT Campus Anand 388421	Gravitation Theory and Cosmology	2023
****Professor Anurag Sharma Department of Physics Indian Institute of Technology, Delhi New Delhi 110016 (Secretary & Convener)	Photonics, Fiber & Integrated Optics; Gradient-Index Optics; Applied Optics	2023

* In place of Professor Amol Dighe for the year 2021

** In place of Professor Deepak Dhar for the years 2021 and 2022

*** In place of Dr SD Rindani for the years 2021, 2022 and 2023

**** In place of Professor HR Krishnamurthy for the years 2021, 2022 and 2023

Sectional Committee 2021

Sectional Committee - III : Chemistry

Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theoretical and Computational Chemistry, Structural Chemistry, Chemistry of Materials, Medicinal and Pharmaceutical Chemistry, Bio-organic, Bio-inorganic and Bio-physical Chemistry

Name and Address	Specialization	To serve until 31st December
Professor Ramaswamy Murugavel Biswas Palepu Distinguished Chair Professor Department of Chemistry Indian Institute of Technology Bombay Powai Mumbai 400076	Inorganic Chemistry	2021
*Professor SS Ramasesha INSA Senior Scientist, Honorary Professor Solid State & Structural Chemistry Unit Indian Institute of Science Bengaluru 560012	Theoretical Chemistry	2021
Professor Sandeep Verma JC Bose National Fellow and Secretary Science and Engineering Research Board 5 & 5A, Lower Ground Floor, Vasant Square Mall Sector-B, Pocket-5, Vasant Kunj New Delhi 110070	Bioorganic Chemistry, Chemical Biology	2021
Professor TK Chandrashekar Senior Professor School of Chemical Sciences National Institute of Science Education and Research P.O. Jatni Bhubaneswar (Odisha) 752050 (Secretary & Convener)	Inorganic Chemistry of Biomolecules	2022
Professor K George Thomas Professor & Dean (Academic) School of Chemistry Indian Institute of Science Education and Research (IISER), Thiruvananthapuram College of Engineering (Transit Campus), Sreekarayam Thiruvananthapuram 695004	Photochemistry, Photophysics and Material Science	2022
Professor Subrata Ghosh INSA Senior Scientist Department of Organic Chemistry Indian Association for the Cultivation of Science 2A & B, Raja SC Mullick Road, Jadavpur Kolkata 700032	Synthetic Organic Chemistry	2022
**Dr SK Ghosh INSA Emeritus Scientist, Distinguished Professor & Dean Academic Affairs, UM-DAE- Centre for Excellence in Basic Sciences University of Mumbai Kalina Campus, Santacruz (East) Mumbai 400098	Theoretical Chemistry, Computational Materials Science, Soft Condensed Matter Physics	2023
Professor Govindasamy Mugesh Department of Inorganic and Physical Chemistry Indian Institute of Science Bengaluru 560012	Inorganic Chemistry	2023
Professor VK Pillai Indian Institute of Science Education and Research Tirupati C/o Sree Rama Engineering College (Transit Campus) Rami Reddy Nagar, Karakambadi Road, Mangalam PO Tirupati 517507	Electrochemistry, Materials Chemistry	2023

* In place of Professor ED Jemmis for the year 2021

** In place of Professor Sourav Pal for the years 2021, 2022 and 2023

Sectional Committee 2021

Sectional Committee - IV : Earth & Environmental Sciences

Surface and Solid Earth Science, Applied Atmospheric Chemistry and Physics, Climate Sciences, Meteorology, Geo Engineering, Ocean Sciences, Geo Sciences and Applied Planetary Sciences

Name and Address	Specialization	To serve until 31st December
Professor Talat Ahmad Vice-Chancellor University of Kashmir Hazaratbal, Srinagar Jammu and Kashmir 190006	Igneous Petrology-Geochemistry & Himalayan Geology	2021
Professor AK Jain INSA Hony. Scientist CSIR-Central Building Research Institute Roorkee (Uttarakhand) 247667	Geology, Structural Geology & Tectonics	2021
*Dr VP Rao Emeritus Scientist Department of Civil Engineering Vignans University Vadlamudi. Andhra Pradesh Guntur 522213	Marine Geology, Sedimentology	2021
**Professor Mihir Deb Sector C-1 Flat # 1157 Vasant Kunj New Delhi 110070	Ore Geology, Geochemistry, Precambrian Geology, Mining environment & sustainable Development.	2022
Dr K Krishnamoorthy Distinguished Visiting Scientist Centre for Atmospheric and Oceanic Sciences Indian Institute of Science Bengaluru 560012	Atmospheric Aerosols, Radiative Forcing	2022
***Professor RN Singh Visiting Professor (Earth Science) Indian Institute of Technology Gandhinagar, Palaj Gandhinagar 382355	Geophysics, Geophysical and Environmental Modelling	2022
Dr Archana Bhattacharyya INSA Senior Scientist Centre of Studies in Resources Engineering IIT Bombay Powai Mumbai 400076	Ionospheric Physics and Geomagnetism	2023
Professor AK Singhvi B31, Shakti Enclave Satya Marg Bodakdev Ahmedabad 380054 (Secretary & Convener)	Quaternary Climates and Geochronology, Radiation Effects and Dosimetry	2023
Dr R Srinivasan No. 114, Kshithija Ramanashree Nagar Bannerghatta Nagar Bannerghatta Road Post Bengaluru 560076	Precambrian Geology, Sedimentation & Structure	2023

* In place of Dr M Dileep Kumar for the year 2021

** In place of Professor SK Tandon for the years 2021 and 2022

** In place of Professor Pradeep P Mujumdar for the years 2021 and 2022

Sectional Committee 2021

Sectional Committee - V : Engineering & Technology

Electrical Engineering, Telecommunication Engineering, Electronics and Optoelectronics, Chemical Engineering, Civil Engineering, Environmental Engineering, Mechanical Engineering, Aeronautical Engineering, Metallurgical Engineering, Computer Science and Engineering including Software and Data science, Information Science and Technology, Advanced Materials (such as Bio-materials, Hybrid Materials and Nano Materials), Polymer Science & Engineering

Name and Address	Specialization	To serve until 31st December
Professor Sanghamitra Bandyopadhyay Director Indian Statistical Institute 203 BT Road Kolkata 700108	Computer Science (Soft Computing, Pattern Recognition and Computational Biology)	2021
*Professor RP Chhabra JC Bose National Fellow Department of Chemical Engineering Indian Institute of Technology Ropar Ropar, Punjab 140001	Chemical Engineering	2021
Professor Sandeep Sen Department of Computer Science & Engineering Indian Institute of Technology Delhi Hauz Khas New Delhi 110016	Computer Science (Algorithms)	2021
**Professor Gautam Biswas JC Bose National Fellow Indian Institute of Technology Kanpur Kanpur 208016 (Secretary & Convener)	Heat Transfer, Computational Fluid Dynamics, Fluid Mechanics, Microfluidics	2022
Professor VS Borkar Department of Electrical Engineering Indian Institute of Technology Powai Mumbai 400076	Analysis and Control of Stochastic Systems	2022
Professor Indranil Manna Vice Chancellor Birla Institute of Technology (BIT) Mesra Ranchi 835215	Materials Engineering, Phase Transformation, Surface Engineering, Bainitic Steel, Nanofluid	2022
Dr Gautam Kumar Dey Professor & Dean-Academic (Engg. Sciences) Homi Bhabha National Institute Trombay Mumbai 400085	Development of Zirconium, Niobium and Nickel Based Alloys, Amorphous Alloys, Rapidly Solidified Crystalline and Quasicrystalline Alloys, Electron Microscopy and Defect Characterization, High Resolution Electron Microscopy Radiation Damage, Joining of Materials	2023
Dr SM Sharma C-32, Kendriya Vihar Coop Hsg Soc. Sector 38, Nerul Navi Mumbai 400706	Materials Behavior Under High Pressures and Development of Synchrotron Beamlines	2023
Dr CS Sundar JC Bose National Fellow Material Science Group Indira Gandhi Centre for Atomic Research Kalpakkam 603102	Materials Science and Condensed Matter Physics, Positron Annihilation Spectroscopy	2023

* In place of Professor V Kumaran for the year 2021

** Secretary & Convener in place of Professor V Kumaran for the year 2021

Sectional Committee 2021

Sectional Committee - VI : General Biology

Taxonomy, Structure, Ecology, Environmental Biology, Evolution and Behaviour of Plants, Animals and Microbes including Unicellular Eukaryotes

Name and Address	Specialization	To serve until 31st December
Professor Mewa Singh SERB Distinguished Fellow and Distinguished Professor Department of Psychology University of Mysore Manasagangotri Mysuru 570006	Ecology, Animal Behaviour	2021
Professor Qudsia Tahseen Department of Zoology Aligarh Muslim University Aligarh 202002	Taxonomy and Biology of Fresh water and Soil-Inhabiting Nematodes	2021
Professor SR Yadav UGC BSR Faculty Fellow Department of Botany Shivaji University Kolhapur 416004	Angiosperm Taxonomy	2021
Professor KNG Ganeshiah School of Ecology and Conservation University of Agricultural Sciences GKVK Campus Bengaluru 560065	Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding	2022
Professor Maharaj K Pandit Dean, Faculty of Science Professor & Head Department of Environmental Studies & Director, CISMHE University of Delhi Delhi 110007 (Secretary & Convener)	Plant Sciences, Ecogenomics, Conservation Biology	2022
Professor D Siddavattam Department of Animal Biology School of Life Sciences University of Hyderabad Hyderabad 500046	Microbiology	2022
Dr Pijush K Das NASI Senior Scientist CSIR-Indian Institute of Chemical Biology 4 Raja SC Mullick Road Jadavpur Kolkata 700032	Biochemistry, Cell Biology, Molecular Parasitology, Membrane Biology, Drug delivery	2023
Professor Neelam S Sangwan Head Department of Biochemistry Central University of Haryana Jant-Pali Mahendergarh 123031	Plant Sciences	2023
Dr R Sukumar Centre for Ecological Sciences TE-13, 3rd Floor, Biological Sciences Building Indian Institute of Science Bengaluru 560012	Ecology	2023

Sectional Committee 2021

Sectional Committee - VII : Molecular and Cellular Biology

Cell Biology, Physiology, Development, Genetics, Genomics and other Omics of Plants, Animals and Microbes including Unicellular Eukaryotes

Name and Address	Specialization	To serve until 31st December
*Professor Maitrayee Dasgupta Department of Biochemistry Calcutta University Ballygunge Science College 35 Ballygunge Circular Road Kolkata 700019	Symbiotic Nitrogen Fixation	2021
Dr Veena K Parnaik INSA Senior Scientist CSIR-Centre for Cellular and Molecular Biology Uppal Road Hyderabad 500007	Cell and Molecular Biology	2021
Professor Usha Vijayraghavan Department of Microbiology & Cell Biology Indian Institute of Science Bengaluru 560012 (Secretary & Convener)	Molecular Genetics, Plant Development	2021
Professor Krishanu Ray Department of Biological Science Tata Institute of Fundamental Research (TIFR), Homi Bhabha Road Colaba Mumbai 400005	Molecular Cell Biology of Spermatogenesis and Intra-Cellular Transport in Drosophila	2022
** Professor HS Savithri J.C.Bose fellow, Emeritus Professor Department of Biochemistry Indian Institute of Science Bengaluru 560012	Plant Molecular Virology, Enzymology, Protein Chemistry	2022
Professor LS Shashidhara Professor (Biology) Ashoka University Sonapat 131029	Genetics and Developmental Biology	2022
Professor KN Balaji Department of Microbiology and Cell Biology Indian Institute of Science Bengaluru 560012	Immunology, Infectious Diseases, Cell Biology	2023
Dr Sunil Kumar Mukherjee INSA Senior Scientist Advanced Center of plant virology Division of Plant Pathology ICAR-IARI New Delhi 110012	Plant Molecular Biology	2023
Dr Pushkar Sharma Staff Scientist-VI National Institute of Immunology Aruna Asaf Ali Marg New Delhi 110067	Signal Transduction, Biochemistry, Malaria, Neuroscience	2023

* In place of Dr Niranjana Chakraborty for the year 2021

** In place of Professor Sudip Chattopadhyay for the years 2021 and 2022

Sectional Committee 2021

Sectional Committee - VIII : Biomolecular, Structural Biology and Drug Discovery

Biochemistry, Biophysics, Molecular Biology, Pharmacology, Structural Biology, Bioinformatics, Computational Biology, System Biology

Name and Address	Specialization	To serve until 31st December
Professor Suman Kumar Dhar Special Centre for Molecular Medicine Jawaharlal Nehru University New Delhi 110067	Biochemistry, Molecular Biology, Cell Biology, Parasitology	2021
Dr Madhusoodan V Hosur INSA Senior Scientist National Institute of Advanced Studies Indian Institute of Science Campus Bengaluru 560012	Biophysics, X-ray Crystallography	2021
*Professor Dulal Panda Chair Professor Department of Biosciences & Bioengineering Indian Institute of Technology-Bombay Mumbai 400076	Biochemistry, Cell Biology and Biophysics	2021
**Professor Pinakpani Chakrabarti JC Bose National Fellow Department of Biochemistry and Bioinformatics Centre Bose Institute P1/12, CIT Scheme VII M Kolkata 700054 (Secretary & Convener)	Molecular Biophysics, X-ray Crystallography and Structural Biology, Bioinformatics	2022
Professor SE Hasnain Jamia Hamdard Institute of Molecular Medicine Hamdard Nagar New Delhi 110062	Functional Biology, Molecular pathogenesis and dissemination dynamics of human pathogens particularly M. tuberculosis	2022
Professor Anil Kumar Tyagi C-23, South Extension Part -2 Second Floor New Delhi 110049	Biochemistry, Molecular Biology	2022
Professor Balasubramanian Gopal Room 301, Molecular Biophysics Unit Indian Institute of Science Bengaluru 560012	Structural Biology	2023
Dr Amit P Sharma Director ICMR-National Institute of Malaria Research Sector 8, Dwarka New Delhi 110077	Biochemistry, Biophysics, Parasitology, Microbiome	2023
***Professor Sandhya S Visweswariah JC Bose National Professor Department of Molecular Reproduction Development and Genetics Indian Institute of Sciences Bengaluru 560012	Biochemistry, Cell Biology	2023

* In place of Professor DN Rao for the year 2021

** Secretary & Convener in place of Professor DN Rao for the year 2021

*** In place of Dr Rajan Sankaranarayanan for the years 2021, 2022 and 2023

Sectional Committee 2021

Sectional Committee - IX : Health Sciences

Basic and Clinical Medical Sciences- Communicable and Non-communicable Diseases, Epidemiology, Anthropology, Psychology, Cognitive and Neurosciences, Medical Genetics and Genomics, Public Health, Nutrition, Immunology

Name and Address	Specialization	To serve until 31st December
Professor Gagandeep Kang Executive Director Translational Health Science and Technology Institute NCR Biotech Science Cluster 3rd Milestone Faridabad Gurgaon Expressway Faridabad 121001	Medicine, Microbiology, Vaccines, Enteric Infections, Public Health	2021
*Professor VM Katoch B-16, Govind Marg, Opposite Baraf Khana Raja Park Jaipur 302004	Microbiology & Molecular Biology of Mycobacteria/ Mycobacteriology	2021
Dr Kumarasamy Thangaraj Chief Scientist CSIR-Centre for Cellular and Molecular Biology Uppal Road Hyderabad 500007	Population Genetics and Evolutionary Biology, Clinical and Medical Genetics, Ancient DNA and Forensic Genetics	2021
Professor NR Jagannathan Professor of Eminence Chettinad Academy of Research and Education Kelambakkam, Tamil Nadu 603103 (Secretary & Convener)	Clinical and Pre-clinical Cancer Research using Molecular Imaging/Magnetic Resonance Imaging (MRI) & in-vivo NMR Spectroscopy/Functional MRI Studies/NMR Metabolomics/Biophysics	2022
Dr Shahid Jameel Chief Executive Officer (CEO) The Wellcome Trust/DBT India Alliance 526 DLF Tower A Jasola New Delhi 110025	Virology	2022
Professor SK Sharma Adjunct Professor Department of Molecular Medicine Jamia Hamdard Institute of Molecular Medicine Hamdard University, Hamdard Nagar New Delhi 110062	General Medicine; Pulmonary, Critical Care and Sleep Medicine & Infectious Diseases	2022
Dr Madhu Dikshit JC Bose National Fellow THSTI National Chair NCR Biotech Science Cluster 3rd Milestone, Faridabad Gurgaon Expressway Faridabad 121001	Molecular Pharmacology	2023
Dr Sangita Mukhopadhyay Staff Scientist VII Centre for DNA Fingerprinting and Diagnostics Inner Ring Road, Uppal Hyderabad 500039	Immunology and Infection Biology	2023
Professor BS Ramakrishna Senior Consultant & Director Institute of Gastroenterology, Hepatobiliary Science & Transplantation SRM Institutes for Medical Science 1 Jawaharlal Nehru Road, Vadapalani Chennai 600026	Gastroenterology	2023

* In place of Dr Amit Ghosh for the year 2021 only

Sectional Committee 2021

Sectional Committee - X : Agricultural Sciences

Agriculture, Horticulture, Forestry, Fisheries, Food Science, Veterinary Science, Pathogen Biology and Host Pathogen Interaction Both Plant and Veterinary Importance

Name and Address	Specialization	To serve until 31st December
Dr Manoj Prasad Staff Scientist VI & JC Bose National Fellow National Institute of Plant Genome Research (NIPGR) Aruna Asaf Ali Marg, JNU Campus New Delhi 110067	Plant Genetics & Genomics, Stress Biology	2021
Dr Rajender Singh Sangwan Director Academy of Scientific and Innovative Research (AcSIR) AcSIR Campus at CSIR-HRDC Sector-19, Kamla Nehru Nagar Ghaziabad 201002	Secondary Metabolism and Secondary Agriculture Bioprocessing for Resource Recovery & Value Added Products	2021
Professor Rakesh Tuli JC Bose National Fellow & Senior Research Advisor University Institute of Engineering & Technology (UIET) Panjab University Chandigarh 160015 (Secretary & Convener)	Biochemistry & Molecular Genetics of Agriculturally & Medicinally Important Plants; Genomic Diversity in Plants for Precision Breeding; Food and Nutrition Biotechnology.	2021
Professor Arun Kumar Joshi CIMMYT Asia Regional Representative & Director Borlaug Institute for South Asia (BISA) International Maize and Wheat Improvement Center (CIMMYT) G-2, B-Block, NASC Complex DPS Marg New Delhi 110012	Agricultural Sciences	2022
*Professor B Senthilkumaran S42, Department of Animal Biology School of Life Sciences University of Hyderabad P O Central University, Gachibowli Hyderabad (Telangana) 500046	Fish Molecular Endocrinology, Developmental Biology and Reproductive Biology	2022
**Dr NK Singh National Professor and B.P. Pal Chair in Genetics and Plant Breeding NRC on Plant Biotechnology Indian Agricultural Research Institute New Delhi 110012	Plant Genomics, Transgenic Development, Molecular Breeding, Grain Quality in Rice and Wheat	2022
Professor Rup Lal Molecular Biology Laboratory Department of Zoology University of Delhi Delhi 110007	Microbial diversity, Genomics & Metagenomics	2023
Dr Ashok Kumar Singh Head Division of Genetics Indian Agricultural Research Institute New Delhi 110012	Genetics and Molecular Breeding in Rice	2023
Professor M Udayakumar INSA Senior Scientist, Co-ordinator Department of Crop Physiology University of Agricultural Sciences GKVK Bengaluru 560065	Crop Physiology, Plant Molecular Biology	2023

* In place of Dr CS Nautiyal for the years 2021 and 2022 only

** In place of Professor AK Pradhan for the years 2021 and 2022 only