

FELLOWSHIP-SECTIONAL COMMITTEEWISE

SECTIONAL COMMITTEE-I

Mathematical Sciences: Applied Mathematics, Pure Mathematics, Theoretical Computer Science, Statistics

Total Fellows: 76

<i>Name</i>	<i>Specialization</i>
Adimurthi A	Partial Differential Equations
Agrawal M	Theory of Computation
Balaji V	Mathematics
Balasubramanian R	Theory of Numbers
Bambah RP	Number Theory and Discrete Geometry
Bapat RB	Combinatorial Matrix Theory, Generalised Inverses
Bhat BVR	Mathematics
Bhatia R	Mathematics: Matrix Analysis, Functional Analysis, Harmonic Analysis
Bhatwadekar SM	Commutative Algebra and Algebraic Geometry
Bhosle UN	Algebraic geometry
Bhutani OP	Applied Mathematics, Symmetries and Differential Equations
Biswas I	Algebraic Geometry
Bose Arup	Statistics and Probability
Bujurke NM	Applied Mathematics, Fluid Mechanics, Computational Techniques, Krylov Subspace Methods, Wavelets, Physiological Fluid Flows
Chaudhuri P	Statistics
Dani SG	Ergodic Theory, Lie Groups, Probability Measures on Groups, History of Mathematics
Dey Aloke	Statistics
Gurjar RV	Algebraic Geometry
Hans-Gill RJ	Geometry of Numbers, Number Theory, Discrete Geometry
Jain MK	Differential Equations - Numerical Solution
Jain PC	Numerical Mathematics, Computational Algorithms
Joseph KT	Hyperbolic Conservation Laws and Parabolic PDES, Boundary Layers and Delta Shocks
Kannan V	Mathematical Analysis and Topology
Karandikar RL	Probability and Statistics
Khanduja SK	Algebra, Algebraic Number Theory
Mahan MJ	Hyperbolic Geometry, Geometric Group Theory, Topology of Algebraic Varieties
Misra G	Operator Theory
Mukerjee R	Statistics (Design of Experiments, Asymptotic Theory, Survey Sampling)
Mukunda N	Mechanics, Optics, Mathematical Physics
Nadkarni MG	Harmonic Analysis and Ergodic Theory
Nagaraj DS	Algebraic Geometry
Narasimhan MS	Analysis, Differential Geometry and Algebraic Geometry

Natarajan S	Number Theory
Nori MV	Algebraic Geometry, Commutative Algebra
Parameswaran AJ	Algebraic Geometry
Paranjape K	Geometry
Parimala R	Algebra
Parthasarathy KR	Probability Theory & Quantum Information Theory
Parthasarathy R	Representations of Lie Groups
Parthasarathy T	Game Theory & Mathematical Programming
Passi IBS	Algebra
Prakasa Rao BLS	Mathematical Statistics
Prasad Dipendra	Automorphic Form, Number Theory
Prasad G	Lie & Algebraic Group
Prasad P	Theory of Wave Propagation, Partial Differential Equations & Fluid Dynamics
Radhakrishnan J	Theoretical Computer Science, Complexity Theory, Discrete Mathematics
Raghunathan MS	Lie Groups, Algebraic Groups, Discontinuous Groups
Rajan CS	Arithmetic Geometry, Automorphic forms, Representation theory
Ramachandran B	Analytical Probability Theory
Ramadas TR	Algebraic and Differential Geometry, Mathematical Physics
Ramanan S	Algebraic and Differential Geometry
Ramdorai Sujatha	Algebra, Geometry, Number Theory
Rao CR	Statistics & Matrix Algebra
Rao Ravi A	Classical K-theory
Rudraiah N	Applied Mathematics, Fluid Mechanics
*Sankaran P	Topology, Representation Theory
Seshadri CS	Algebraic Geometry & Algebraic Groups
Sharan Maithili	Applied Mathematics: Atmospheric Science
Sharma VD	Quasilinear Systems of Hyperbolic Partial Differential Equations and Nonlinear Wave Phenomena
Shorey TN	Number Theory
Shrikhande SS	Combinatorics and Graph Theory
Singh AI	Functional Analysis, Harmonic Analysis, Quantum Information Theory
Singh Balwant	Algebraic Geometry & Commutative Algebra
Singh MP	Applied Mathematics, Air Pollution Modelling and Bio-fluid Dynamics
Singh SJ	Theoretical Seismology & Applied Mathematics
Singhi NKM	Discrete Mathematics & Computer Science
Sinha KB	Spectral Theory & Non-commutative Geometry & Stochastic Processes
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*w.e.f. 01.01.2019	
Sridharan R	Algebra
Srinivas V	Algebra, Algebraic Geometry
Sunder VS	Subfactors, Operator Algebras, Functional Analysis
Suresh V	Algebra and Algebraic Geometry
Thangavelu S	Harmonic Analysis

Veerappa Gowda GD	Partial Differential Equations in Particular, Conservation Laws and Hamilton-Jacobi Equations, Theory and Numerics
Venkatachalappa M	Applied Mathematics: Fluid Mechanics, Magneto-hydrodynamics
Venkataramana TN	Algebraic Groups, Arithmetic Groups, Automorphic Forms
Verma JK	Mathematics (Algebra)

SECTIONAL COMMITTEE-II

Physics: *Astronomy, Astrophysics, Condensed Matter Physics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Space Physics*

Total Fellows: 135

Name	Specialization
Agarwal GS	Quantum Optics, Nano Photonics, Plasmonics
Agrawal BK	Condensed Matter Physics, Nanostructures and Superconductivity
Ananthakrishnan S	Radio Astronomy
Antia HM	Solar Physics and Numerical Techniques
Apparao KMV	Astronomy, Astrophysics, Space Physics
Ayyub P	Condensed Matter Physics (Nanostructured Materials)
Aziz T	Experimental High Energy Physics
Banerjee Sunanda	Experimental High Energy Physics
Barma M	Statistical Physics & Condensed Matter Physics
Baskaran G	Condensed Matter Physics, Statistical Mechanics and Theoretical Biology
Bhat SV	Physics of Materials
Bhatnagar AK	Experimental Solid State & Materials Science, Superconductivity and Magnetism, Glasses, Films & Nano Materials
Bhattacharjee SM	Theoretical Condensed Matter Physics
Bhattacharyya G	High Energy Physics (Theory)
Bhawalkar DD	Lasers and their Applications
Budhani RC	Physics, Physics of Quantum Materials (Superconductivity and Magnetism in Low Dimensional Systems)
Buti B	Plasma Physics
Chaddah P	Condensed Matter Physics
Chakrabarti BK	Statistical and Condensed Matter Physics
*Chengalur JN	Astronomy
Chidambaram R	Materials Science and Crystallography, High Pressure Physics and Nuclear Technology
Chitre SM	Theoretical Astrophysics
Chopra KL	Solid State Physics, Science and Technology of Thin Films and Nanomatter
Choudhuri AR	Theoretical Astrophysics, Solar Physics, Magnetohydrodynamics
Choudhury D	Theoretical High Energy Physics
Chowdhury D	Statistical Physics, Biological Physics
Cowsik R	Astrophysics, Elementary Particles Cosmology, Gravitation

*w.e.f. 01.01.2019

Damle Kedar	Condensed Matter and Statistical Physics
*Das Amita	Physics
Das SP	Theoretical Condensed Matter Physics
Dasannacharya BA	Condensed Matter Physics, Neutron & X-ray Scattering
Dasgupta C	Theoretical Condensed Matter Physics and Statistical Mechanics
Datta A	Particle Physics
Dattagupta S	Structure and Dynamics of Condensed Matter
Dhar Deepak	Statistical Physics
Dighe A	High Energy Physics
Gavai RV	Theoretical High Energy Physics, Quantum Field Theory on Lattice, Quark-Gluon Plasma, Heavy-Ion Collisions and Phase Transitions in Early Universe
Ghosh A	Experimental Condensed Matter Physics at Ultra-low Temperature, Nano Electronics, Semiconductor Physics
Ghosh BG	Condensed Matter Physics
Godbole Rohini M	Theoretical High Energy Physics
Gopakumar R	Theoretical Physics
Goswami Srubabati	High Energy Physics
Gupta LC	Superconductivity and Magnetism in Quaternary Borocarbides and Intermetallics, Nuclear Magnetic/Quadrupole Resonance and μ -SR Studies, Valence Fluctuations and Heavy Fermions
Gupta S	Theoretical High Energy Physics, Statistical Mechanics in Quantum Field Theory, Quantum Chromodynamics and Strong Interactions
Gupta SN	High Energy Physics
Jayannavar AM	Condensed Matter Physics (Theory)
Jha SS	Solid State Physics and Optoelectronics
Jog CJ	Astrophysics of Galaxies
Joshi PS	Gravitation Theory and Cosmology
Joshi SK	Solid State Physics
Joshi AS	High Energy Physics
Kailas S	Accelerator Based Nuclear Physics and Applications
Kapoor SS	Nuclear Physics, Particle Detectors, Particle Accelerators & Applications
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Kaul RK	Quantum Field Theory, High Energy Physics & Quantum Gravity
Kaul SN	Condensed Matter Physics, Materials Science, Nanoscience and Nanotechnology
Khare A	Plasma Physics, Statistical Mechanics, Critical Phenomenon
Khare AV	Theoretical Physics
Krishan Lal	Physics of Materials
Krishna G	Radio Astronomy and Cosmology (Radio Galaxies and Quasars)
Krishna P	Crystallography, Crystal Growth, Education, Science & Society
Krishnamurthy HR	Theoretical Condensed Matter Physics, especially Quantum Many-Body Theory & Statistical Physics
Kulkarni SK	Nanotechnology, Materials Science, Surface Science
Lakshmanan M	Nonlinear Dynamics & Theoretical Physics
Lawande SV	Theoretical & Mathematical Physics

Madhusudana NV	Liquid Crystals
Maharana J	String Theory and Quantum Gravity
Maiti K	Condensed Matter Physics
Malik SK	Magnetism, Valence Fluctuation & Superconductivity
Mandal Gautam	Quantum Field Theory, String Theory and Gravitational Physics
Mathews PM	Geodynamics, Relativistic fields and Stochastic Processes
Mathur D	Atomic and Molecular Physics, Biological Physics
Mitra AN	Quarks, Particles, Nuclei & Fields
Mitra P	Theoretical Physics
Mohanty B	Experimental High Energy Physics, Phenomenology of Quark Gluon Plasma, QCD Phase Diagram and Direct Dark Matter Search
Mondal NK	Experimental Particle Physics, Accelerator Based and Non-Accelerator Based Particle Physics, Neutrino Physics
Mukhi Sunil	Theoretical High Energy Physics, String Theory
Nagarajan R	Superconductivity, Valence Fluctuation, Mossbauer Spectroscopy, Instrumentation
Narlikar AV	Superconductivity and Nanostructures
Narlikar JV	Cosmology and Theoretical Astrophysics
Nityananda R	Optics, Statistical Physics, Gravitational Dynamics
Padmanabhan T	Physics (Gravitation Quantum Theory, Cosmology
Pal MK	Theoretical Nuclear Physics
Panda S	Field Theory, String Theory, Supergravity and String Cosmology
Pandey D	Condensed Matter Physics, Materials Science, Crystallography, Structural Phase Transition
Pandit Rahul	Statistical Mechanics of Phase Transitions, Condensed Matter Theory, Spatiotemporal Chaos, Mathematical Models for Cardiac Tissue and Turbulence
Pandita PN	Theoretical High Energy Physics
Pandya SP	Nuclear Physics
Pathak KN	Condensed Matter Physics/ Solid State Physics
Prakash S	Plasma Physics, Upper Atmospheric Physics and Space Borne Payload
Puri S	Physical Sciences
Rajaraman R	Theoretical Physics, Nuclear Physics
Rajasekaran G	High Energy Physics & Quantum Field Theory
Ramakrishnan TV	Theoretical Condensed Matter Physics and Statistical Mechanics
Ramamurthy VS	Nuclear Physics, Ion Beam Applications & Science and Technology Policy
Ramanamurthy PV	High Energy Astrophysics & Cosmic Rays
Ramaswamy SR	Condensed Matter, Statistical & Biological Physics
Rao Madan	Statistical Physics, Nonequilibrium Statistical Physics, Soft Matter, Biological Physics, Cell and Tissue Biophysics
Ravindra Kumar G	Physics (Nonlinear optics, study of matter in intense laser fields)
*Ravindran V	High Energy Physics
Raychaudhuri A	Particle Physics including Astroparticle Physics
Raychaudhuri AK	Physics, Low Temperature Physics, Physics of Nanomaterials, Scanning Probe Microscopy

Rindani SD	Particle Physics
Roy P	Astroparticle Physics & Particle Physics: Field Theory & Phenomenology
Roy SM	Foundations of Quantum Theory & Particle Physics
Sahni V	Theoretical Physics
Sampathkumaran EV	Magnetism & Superconductivity
Sanyal MK	Condensed Matter Physics, Surface Physics & Synchrotron X-ray Scattering
Sarkar U	Theoretical Particle and Astroparticle Physics
Sastry S	Statistical Mechanics, Soft Condensed Matter Physics, Chemical Physics
Sen Ashoke	High Energy Physics
Sen D	Theoretical Condensed Matter Physics, Quantum Field Theory
Shastri BS	Condensed Matter Theory, Statistical Mechanics
Sikka SK	High Pressure, Shockwaves, Neutron Diffraction & Energy Bands
Simon R	Classical and Quantum Optics, Foundations of Quantum Mechanics and Quantum Information Theory
Singh KP	Astronomy and Astrophysics
Singh V	Theoretical Physics, High Energy Physics, Foundation of Quantum Mechanics, History and Philosophy of Science
Singh Yashwant	Condensed Matter Theory, Theoretical Biology
Sinha BC	Nuclear Physics, High Energy Physics, Quark Gluon Plasma, Early Universe Cosmology
Sinha KP	Theoretical research on various Phenomena and Condensed Matter Nuclear Science
Sinha S	Nonlinear Dynamics, Chaos and Complex Systems
Sodha MS	Plasmas, Optics & Energy

*w.e.f. 01.01.2019

Sood AK	Condensed Matter Physics
Sreekantan BV	Cosmic Rays, High Energy Astrophysics
Srivastava CM	Ferromagnetic Relaxation & Superconductivity
Srivastava DK	Theoretical Nuclear Physics
Srivastava ON	Physics of Materials, Hydrogen Energy, Nano Science & Technology
Sudarshan ECG	Particles, Quantized Fields, Dynamics Foundations
Suresh KA	Soft Condensed Matter (Physics of Liquid Crystals and Surface Science)
Swarup G	Radio Astronomy
Trivedi SP	String Theory and Particle Physics and Cosmology
Venkataraman G	Condensed Matter Physics
Vijayaraghavan R	Solid State Physics
Viyogi YP	Experimental Nuclear Physics
Wadia SR	String Theory, High Energy Physics, Quantum Gravity
Waghmare UV	Theory, Modeling and Simulations of Materials

SECTIONAL COMMITTEE-III

Chemical Sciences: *Analytical, Inorganic, Organic, Physical and Theoretical Chemistry*

Total Fellows: 127

Name	Specialization
Agarwala UC	Inorganic Chemistry
Ahluwalia JC	Physical Chemistry, Thermodynamics and Biopolymers
Ajayaghosh A	Organic (Materials) Chemistry
Anand Nitya	Medicinal Chemistry
Bagchi B	Physical Chemistry of Condensed Matter, Molecular Relaxation in Liquids, Dynamics of Complex Systems, Biophysics
Balasubramanian KK	Organic Chemistry
Basak A	Organic Chemistry
Basavaiah D	Organic Chemistry: Baylis-Hillman Chemistry and Chiral Catalysis
Bera JK	Inorganic Chemistry
Bhaduri S	Inorganic and Organometallic Chemistry and Homogeneous Catalysis
Bhakuni DS	Natural Products, Bio-Organic and Medicinal Chemistry
Bharadwaj PK	Supramolecular Chemistry
Bhattacharya S	Chemistry
Bhattacharyya K	Physical Chemistry, Ultrafast Laser Spectroscopy, Confocal Microscopy
Chadha MS	Organic and Bio-Organic Chemistry
Chakraborti AK	Organic Chemistry
Chakraborty TK	Organic Synthesis, Peptides, Peptidomimetics
Chakravarty AR	Bioinorganic and Medicinal Inorganic Chemistry
Chakravorty A	Inorganic & Structural Chemistry, History of Chemistry
Chandra A	Theoretical Physical Chemistry
Chandrakumar N	Magnetic Resonance Spectroscopy & Imaging, Chemical Physics, Physical Chemistry, Instrumentation
Chandrasekaran S	Organic Synthesis, Organometallic Chemistry, Catalysis

Chandrasekhar J	Computational Chemistry, Drug Discovery, Theoretical Organic Chemistry
Chandrasekhar S	Organic Chemistry (Chemical Sciences)
Chandrasekhar V	Inorganic Chemistry
Chandrasekhar TK	Inorganic Chemistry of Biomolecules
Chattaraj PK	Theoretical Chemistry, Nonlinear Dynamics
Chattoraj DK	Surface Chemistry, Biophysical Chemistry
Chaudhuri MK	Inorganic Chemistry
Choudary BM	Catalysts, Nano-Materials and Pharmaceuticals
Das Amitava	Chemistry
Das Suresh	Photochemistry, Photophysics, Liquid Crystals, Organic Functional Materials, Photoresponsive Materials, NIR Absorbing Dyes, Dye Sensitized Solar Cells
Deb BM	Theoretical Chemistry, Chemical Physics
Desiraju GR	Crystal Engineering
Dogra SK	Physical Chemistry and Photo Chemistry
Gadre SR	Theoretical and Computational Chemistry
Gandhi RP	Organic Chemistry
Ganesh KN	Bio-organic Chemistry
George MV	Organic Reactions & Photochemistry, Laser Chemistry
George Thomas K.	Physical Chemistry, Photochemistry, Photophysics and Material Science
Ghosh HN	Chemistry
Ghosh S	Synthetic Organic Chemistry
Ghosh SK	Theoretical Chemistry, Computational Materials Science, Soft Condensed Matter Physics
Gopalakrishnan J	Solid State Inorganic Chemistry
Gopinathan MS	Quantum Chemistry and Non-linear Dynamics
Goswami Sreebrata	Inorganic Chemistry, Coordination Chemistry of Organic pi-Radical Ligands, Metal-Ligand Cooperation, Electro-Protic Storage, Electronic and Optoelectronic Materials
Guru Row TN	X-Ray Crystallography, Structural Chemistry
Hosur RV	Biophysical Chemistry, NMR, Structural Biology
Ila H	Synthetic and Medicinal Chemistry
Iqbal Javed	Organic and Medicinal Chemistry
Jain AC	Organic & Bio-organic Chemistry
Jain DVS	Physical & Theoretical Chemistry
Jemmis ED	Theoretical and Computational Chemistry
Junjappa H	Synthetic and Mechanistic Organic Chemistry
Kartha VB	Analytical Spectroscopy, Atomic & Molecular Physics, Laser Biomedical Applications
Kasturi TR	Synthetic & Mechanistic Organic Chemistry
Kessar SV	Synthetic Organic Chemistry
Khan MMT	Inorganic Chemistry, Homogeneous Catalysis
Khetrpal CL	Chemical Physics, Spectroscopy & NMR
Kotha S	Organic Chemistry
Krishnamurthy SS	Inorganic and Organometallic Chemistry
Krishnan V	Inorganic & Bioinorganic Chemistry

Kumar A	Physical Chemistry, Thermodynamics, Physical-Organic Chemistry
Kumar P	Synthetic Organic Chemistry
Kumara Swamy KC	Chemistry Inorganic/Organic
*Lahiri GK	Inorganic Chemistry
Lakshmi Kantam M	Catalysis, Materials and Process Chemistry
Maitra Uday	Organic Chemistry, Supramolecular Chemistry, Chemistry of Bile Acids, Organo and Hydrogels
Manoharan PT	Physical Inorganic Chemistry, Nanoscience & Spectroscopy
Mehta G	Organic Chemistry
Mitra S	Bioinorganic Chemistry, Biological Chemistry
Mittal JP	Radiation and Photochemistry, Chemical Dynamics & Laser Chemistry
Moorthy JN	Physical Organic Chemistry
Moulik SP	Surface and Biophysical Chemistry
Mugesh G	Inorganic Chemistry
Mukherjee D	Theoretical Chemistry, Theoretical Spectroscopy
Mukherjee RN	Inorganic Chemistry, Bio-Inorganic Chemistry
Murugavel R	Inorganic Chemistry
Nag K	Inorganic Chemistry
Nagarajan K	Natural Products Chemistry, Medicinal & Pesticide Chemistry
Nangia A	Organic Chemistry, Crystal Engineering, Pharmaceutical Cocrystals
Narasimhan NS	Organometallics & Organic Synthesis
Natarajan S	Inorganic Materials Chemistry
Pakrashi SC	Natural Products & Herbal Drugs
Pal Sourav	Theoretical Chemistry, Electronic Structure Theory, Ab initio Quantum Chemistry
Palaniandavar M	Bioinorganic Chemistry of DNA, Copper and Iron: Activation of Molecular Oxygen, Functional Models for Metalloproteins, Interaction of Metal Complexes with DNA and Proteins, Metal-based Anticancer Drugs
Palit DK	Radiation and Photochemistry, Ultrafast Spectroscopy and Chemical Reaction Dynamics
Pandey GP	Organic Chemistry
*Pati SK	Solid State Sciences
Periasamy M	Organic Chemistry, Organometallic and Chiral Reagents Chemistry
Periasamy N	Physical Chemistry
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Pillai VK	Electrochemistry, Materials Chemistry
Pradeep T	Molecular and Nanoscale Materials, Nanoscience and Nanotechnology, Molecular Surfaces, Low Energy Ion Scattering, Instrumentation, Water Purification
Radhakrishnan TP	Materials Chemistry
Rajappa S	Organic Chemistry
Ramaiah NA	Physical Chemistry & Sugar Chemistry
Ramaraj R	Inorganic and Physical Chemistry
Rama Rao AV	Organic Chemistry, Medicinal Chemistry, Drug Technology, Chiral Synthesis & Technology and Natural Products

Ramasami T	Inorganic & Leather Chemistry
Ramasesha SS	Theoretical Chemistry
Ranu BC	Organic Synthesis, Green Chemistry
Rao CNR	Solid State Chemistry, Spectroscopy & Molecular Structures
Rao CP	Inorganic Chemistry
Rao KJ	Physical Chemistry
Ray DS	Theoretical Chemistry
Reddy GKN	Coordination Chemistry, Organometallics & Catalysis
Samanta A	Physical Chemistry (Photochemistry, Time-resolved Spectroscopy)
Sandhu JS	Organic Chemistry, Bioorganic Chemistry
Sathyamurthy N	Theoretical, Molecular Reaction Dynamics
Sebastian KL	Theoretical Chemistry
Sen Kalidas	Chemical Physics
Singh Harjit	Organic Chemistry
Singh HB	Organometallic Chemistry, Inorganic Chemistry
*Singh MS	Synthetic Organic Chemistry (Methodology)
Singh V	Organic Chemistry
Singh VK	Organic Chemistry
Sinha APB	Solid State Chemistry
Subba Rao GSR	Organic Chemistry
Subramanian S	NMR, EPR, Theoretical Chemistry, Magnetic Resonance Imaging
Sukh Dev	Organic Chemistry, Natural Products, Drug Discovery, Technology Development
Swaminathan S	Organic Chemistry - Synthetic and Applied
Vankar YD	Organic Chemistry
Vasudevan S	Physical Chemistry
Venkatesan K	Chemical Crystallography
Verma S	Bioorganic Chemistry, Chemical Biology
Yadav JS	Organic Chemistry

*w.e.f. 01.01.2019

Yashonath S Theoretical Chemistry, Physical Chemistry

SECTIONAL COMMITTEE-IV

Earth & Planetary Sciences: Surface and Solid Earth Science, Atmospheric Science, Ocean Science and Planetary Science

Total Fellows: 66

Name	Specialization
Ahmad T	Igneous Petrology-Geochemistry & Himalayan Geology
Banerjee DM	Precambrian Sedimentology, Sedimentary Geochemistry
Bhandari N	Earth and Planetary Science
Bhardwaj A	Planetary and Space Science
Bhargava ON	Stratigraphy and Structure with Special Reference to the Himalaya
Bhatia SB	Palaeontology, Micropalaeontology, Stratigraphy
Bhattacharya Abhijit	Petrology, Geochemistry, Tectonics
Bhattacharyya Archana	Ionospheric Physics and Geomagnetism
Bhimasankaram VLS	Applied Geophysics
Dasgupta S	Metamorphic Petrology, Geochemistry, Precambrian Geology
Deb Mihir	Ore Geology, Geochemistry, Precambrian Geology, Mining Environment & Sustainable Development
Dileep Kumar M	Oceanography
Dimri VP	Geophysics, Inversion, Fractals and Signal Processing
Gadgil S	Atmospheric & Oceanic Science, Evolutionary Biology
Gaur VK	Earth and Planetary Sciences
Gopalan K	Geochronology and Isotope Geology
Goswami BN	Tropical Meteorology, Monsoon Dynamics and Predictability of Weather and Climate
Goswami JN	Solar System Studies, Earth and Planetary Sciences
Gupta Alok K	Experimental Mineralogy and Petrology
Gupta Anil K	Micropaleontology, Paleomonsoon and Paleoclimatology
Gupta HK	Seismology, Geophysical Exploration, Ocean Sciences
Haider SA	Planetary Atmospheres, Ionospheres and Magnetospheres, Cometary Coma and Dust
Jain AK	Geology, Structural Geology and Tectonics
Kamra AK	Atmospheric Sciences
Krishna KS	Marine Geophysics, Lithospheric dynamics, Tectonics, Plate Tectonics
Krishnamoorthy K	Atmospheric Aerosols, Radiative Forcing
Lakhina GS	Geomagnetism and Atmospheric Sciences
Mahajan KK	Radio, Atmospheric and Space Sciences
Mandal N	Structural Geology and Tectonics
Merh SS	Structural Geology, Quaternary Geology
Mishra SK	Dynamic Meteorology and Numerical Modelling
Mohanty UC	Tropical Meteorology, Numerical Weather Prediction, Monsoon Dynamics,

	Meso-scale Modelling of Severe Weather and Climate Modelling
Mujumdar PP	Hydrology
Mukhopadhyay D	Structural and Precambrian Geology
Naqvi SWA	Aquatic Biogeochemistry, Chemical Oceanography and Paleoceanography
Parthasarathy G	Earth and Planetary Science, Mineralogy, High-Pressure Mineral Physics, Nanogeoscience, Materials Science
Patra AK	Atmospheric and Ionospheric Physics, Radar Probing Techniques
Paul DK	Geochemistry, Isotope Geology, Petrology
Prasad GVR	Vertebrate Palaeontology, Biostratigraphy, Palaeobiogeography, Evolution of Mesozoic Mammals
Rai SS	Geophysical System Modelling, Seismology, Tectonophysics and Geophysical Exploration
Rajamani V	Geochemistry
Rajeevan MN	Atmospheric Science
Rama	Isotope Hydrology
*Rao NVC	Mineralogy, Igneous Petrology, Geochemistry, Geodynamics and Mineral Resources
Rao VP	Marine Geology/Sedimentology
Reddy BM	Atmospheric Sciences & Radio Communications
Reddy CA	Space Physics & Atmospheric Dynamics
Roy AB	Precambrian Geology, Tectonics
Sahni A	Geology, Vertebrate Paleontology and Biostratigraphy
Sarkar A	Stable Isotope Geochemistry, Palaeoclimatology, Geochronology and Sedimentology
Satheesh SK	Atmospheric Aerosol & Climate
Sen SK	Metamorphic Petrology & Geochemistry
Sengupta P	Metamorphic Petrology and Precambrian Geology
Sengupta S	Structural Geology & Precambrian Geology
Sharma RS	Metamorphic Petrology & Precambrian Geology
Shetye SR	Physical Oceanography
Shyam Lal	Atmospheric Science, Ozone Chemistry and Greenhouse Gases
Singh IB	Sedimentology, Marine Geology, Basin & Facies Analysis, Quaternary Geology
Singh RN	Geophysics, Geophysical, Environmental and Earth System Modelling
*Singh SK	Low Temperature Geochemistry, Earth Surface Processes and Biogeochemistry of Trace Elements and Isotopes in Ocean
Singhvi AK	Quaternary Climates and Geochronology, Radiation Effects and Dosimetry
Srinivasan MS	Oceanic Biostratigraphy & Paleoceanography
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Srinivasan R	Precambrian Geology, Sedimentation & Structure
Srivastava DC	Structural Geology, Precambrian Geology and Fluid-inclusions
Tandon SK	Physical Stratigraphy, Quaternary Geology, Fluvial Sedimentology and River Science
Valdiya KS	Neotectonics, Sedimentology, Environmental Geology

SECTIONAL COMMITTEE-V

Engineering & Technology: *Electronics, Electrical, Mechanical, Chemical, Civil, Aeronautical, Telecommunication and other branches of Engineering, Computer and Information Sciences and Technology Development*

Total Fellows: 101

Name	Specialization
Arunachalam VS	Energy Systems and Development, Science, Technology & Public Policy, Materials Science & Engineering, Defence Technologies
Arya AS	Earthquake and Structural Engineering
Balakrishnan N	Aerospace Electronics, Computational Electromagnetics, Polarimetric and Doppler Radars, Information Security, Complex Networks
Bandyopadhyay S	Computer Science (Soft Computing, Pattern Recognition and Computational Biology)
Banerjee D	Physical Metallurgy
Banerjee Soumitro	Nonlinear Dynamics
Banerjee Srikumar	Materials Sciences, Nuclear Engineering
Bhatnagar Shalabh	Stochastic Approximation Algorithms, Optimization via Simulation, Stochastic Control
Bhattacharyya AB	Micro-Electronics
Bhowmick AK	Polymer Science and Engineering
Biswas G	Heat Transfer, Computational Fluid Dynamics, Fluid Mechanics
Borkar VS	Analysis and Control of Stochastic Systems
Chakrabarti PP	Computer Science and Engineering
*Chakrabarti S	Computer Science, Text and Web Search, Social Networks
Chakraborty S	Microfluidics, Nanofluidics and Microscale/Nanoscale Transport Processes
Chakravorty D	Materials Science
Chattopadhyay K	Physical Metallurgy and Materials Engineering
Chaudhari RV	Homogeneous & Heterogeneous Catalysis, Reaction Engineering, Multiphase Reactors, Biomass conversion to chemicals and fuels
Chaudhuri BB	Computer Science and Engineering
Chaudhuri S	Computer Vision, Image Processing, Machine Learning and Haptics
Chhabra RP	Chemical Engineering
Chockalingam A	Electrical Engineering (Communications)
Chokshi AH	Metallurgy and Materials Science

*w.e.f. 01.01.2019

Choudhary VR	Catalysis and Chemical Reaction Engineering
Deb K	Optimization and Evolutionary Computation
Deekshatulu BL	Image Processing, Remote Sensing, Control Systems
Desai UB	Wireless Communications, Cyber Physical Systems, Internet of Things (IoT), Signal Processing, Image and Video Processing
Dey Subhasish	Applied Hydrodynamics, Turbulence, Fluvial Hydrodynamics
Dutta P	Mechanical Engineering (Heat Transfer, Energy Sciences)
Dutta Majumder DK	Computer Science, Artificial Intelligence, Cybernetics & Pattern Recognition & Fuzzy Logic, Soft Computing, Image Processing, Computer Vision
Dutta Roy SC	Circuits, Systems & Signal Processing
Ganguly C	Nuclear Fuels & Fuel cycle, Nuclear Materials and Advanced Ceramics
Ghosh A	Mechanical Engineering
Goel PS	Satellite Control Systems, Space Technology
Gupta NK	Plasticity and Impact Mechanics
Jacob KT	Materials Science and Processing, Thermodynamics of Materials, Phase Equilibria, Materials Extraction, Fuel Cells and Solid State Sensors, High Temperature Corrosion
Jayaram V	Materials Science and Engineering
Jhunjhunwala A	Decentralized Solar Power Systems, Electric Vehicles, Telecommunication, Wireless Communications, Computer Networks, Fibre Optics, Industry-Academia Interaction
Joshi JB	Chemical Engineering
Kant Tarun	Structural Mechanics
Kapuria S	Structural Mechanics, Multifunctional Structures
Kasturirangan K	Experimental Astronomy, Satellite Technology & Remote Sensing Systems
Khakhar DV	Chemical Engineering
Krishnan R	Physical Metallurgy, Materials Science
Kulkarni BD	Chemical Engineering
Kumar Anurag	Communication Networks: Stochastic Modelling, Analysis Optimisation and Control problems arising in Communication Networks (wireline and wireless), and Distributed Systems
Kumar R	Multiphase Phenomena
Kumaran V	Chemical Engineering
Lele AK	Chemical Engineering, Polymer Science and Engineering
Lele S	Physical Metallurgy and Materials Science
Madras Giridhar	Chemical Engineering
Mallik AK	Vibration Engineering, Kinematics
Mallik RK	Electrical Engineering (Communications)
Manna I	Materials Engineering, Phase Transformation, Surface Engineering, Bainitic Steel, Nanofluid
Mashelkar RA	Polymer Science and Engineering

*Mitra S	Computer Science
Mittal S	Unsteady Aerodynamics, Finite Elements, High Performance Computing
Munjaj ML	Technical Acoustics, Industrial Noise Control, Automotive Noise Control
Narahari Y	Computer Science and Electronic Commerce, Game Theory
Narasimha R	Aerospace and Atmospheric Fluid Mechanics
Narasimhan R	Fracture Mechanics, Computational Solid Mechanics
Pai MA	Power System Dynamics, Power System Control & Power System Computation
Pal NR	Computational Intelligence - Fuzzy Logic, Neural Networks and Evolutionary Computing, Bioinformatics
Pal SK	Computer Science, Soft Computing and Machine Intelligence, Pattern Recognition and Image/Video Processing, Fuzzy Systems & Neural Learning, Data Mining and Social Network Analysis, Bioinformatics, Cognitive Machines and Machine-Mind Development
Pandit AB	Chemical Engineering, Design of Multiphase Reactors, Bubble Dynamics and Cavitation Phenomena
Patnaik LM	Computer Science and Engineering, Electronics & Information Technology
Prasad S	Signal Processing and Communications
Prasad YVRK	Metallurgical Engineering, Mechanical Metallurgy & Processing
Prathap G	Computational Mechanics, Informetrics
Rajan BS	Electrical Engineering (Communications)
Rajaraman V	Computer Science
Ramamurthy U	Mechanical Behavior of Materials, Advanced Materials and Manufacturing
Ranade VV	Chemical Engineering, Multiphase Reactors, Process Intensification, CFD
Ranganathan S	Physical Metallurgy & Materials Science
Rao P Rama	Physical & Mechanical Metallurgy
Rao PVS	Computer Science, Artificial Intelligence, Speech & Script Recognition, Natural Language Processing
Rao VR	Nanoelectronics
Ratnasamy P	Catalysis
Reddy VU	Signal Processing and Communications
Sarin M	Chemical Oceanography, Atmospheric & Aerosol Chemistry
Sarma VVS	Computer Science, Intelligent Systems & Indian Logic
Sen S	Computer Science (Algorithms)
Sharma Anurag	Photonics, Fiber and Integrated Optics, Gradient-Index Optics, Applied Optics
Sharma Ashutosh	Nanotechnology, Patterning and Self-Organization of Soft Materials, Meso-mechanics, Colloid and Interface Science, Thin Films, Membranes, Functional Nanomaterials for Energy, Environment, Health and Sensors
Sharma MM	Multiphase Reactions and Reactors
Shyamasundar RK	Computer Science
Singh Bhim	Electrical Engineering
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*w.e.f. 01.01.2019	
Siva Ram Murthy C	Computer Science (Parallel and Distributed Computing, Real-Time Systems, Computer Networks)
Sivaram S	Polymer Science

Sridharan A	Engineering, Properties of Clays
Srinivasan J	Climate Science
Subbarao EC	Materials Science, R&D Management
Sukhatme SP	Heat Transfer, Energy
Sundararajan G	Surface Engineering, Deformation Behaviour
Surappa MK	Material Processing, Solidification Processing of Metal Matrix Composites, Tribology of MMCs
Venkatesh YV	System Theory, Signal Processing, Machine & Computer Vision and Neural Networks, Biometrics and Hyperspectral Satellite Image Analysis
Vidyasagar M	Control Theory, Statistical Learning Theory, Computational Biology, Quantitative Finance
Vijay Kumar P	Electrical Communication Engineering: Error-Correcting Codes, Wireless Communication
Viswanadham N	Global Manufacturing and Service Networks, Logistics
Yadav GD	Chemical Engineering, Green Chemistry and Engineering, Catalytic Science and Engineering, Energy Engineering
Yegnanarayana B	Signal Processing, Speech, Vision and Neural Networks

SECTIONAL COMMITTEE-VI

Material Sciences & Engineering: *Materials including Composites, Nano Materials, Biomaterials, Materials Chemistry and Materials Engineering*

Total Fellows: 13

<i>Name</i>	<i>Specialization</i>
Chaplot SL	Condensed Matter Physics
Dey GK	Development of Zirconium, Niobium and Nickel Based Alloys, Amorphous Alloys, Electron Microscopy, Joining of Materials
Ghosh Aswini	Condensed Matter Physics and Materials Science
Jayakrishnan A	Polymer Chemistry, Biomaterials
*Kanjilal D	Material Sciences & Engineering, Accelerator Physics
Malhotra BD	Advanced Soft Electronic Materials including Nano-Materials, Self-Assembled Monolayers, Langmuir-Blodgett Films, Conducting Polymers, Sensors and Biomolecular Electronics
Murty BS	Physical Metallurgy, Advanced Materials
Narayan KS	Device Physics, Organic Electronics, Photophysics & Biomolecular Electronics
Pal AJ	Organic Electronics, Materials Engineering, Device Physics
Pradip	Materials Science and Mineral Engineering, Particle Science and Technology
Sampath S	Materials Chemistry (Interfacial Chemistry/Electrochemistry)
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*w.e.f. 01.01.2019	
Sharma SM	Materials Behavior under High Pressures and Development of Synchrotron Beamlines
Sundar CS	Materials Science and Condensed Matter Physics, Positron Annihilation Spectroscopy

SECTIONAL COMMITTEE-VII

Name	Specialization
Abrol YP	Agricultural/Environmental Sciences
Apte SK	Molecular Biology, Biochemistry, Microbial and Plant Biotechnology
Bapat VA	Plant Biotechnology and Genetic Engineering
Bhatnagar RK	Molecular Biology
Chakraborty N	Plant Molecular Biology, Plant Proteomics
Chattopadhyay D	Plant Biology, Plant Genomics
Chattopadhyay S	Plant Sciences (Developmental Biology)
Chopra VL	Genetics, Crop Improvement, Biotechnology
Das Sampa	Plant Molecular Biology, Plant Biotechnology
Dasgupta Indranil	Plant Viruses and Plant-Virus Interactions
*Dasgupta M	Symbiotic Nitrogen Fixation
Ganeshiah KNG	Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding
Grover Anil	Plant Abiotic Stress Responses
Gupta PK	Cytogenetics, Plant Breeding and Biotechnology
Jain SK	Ethnobotany, Plant Taxonomy, Conservation, Medicinal Plants
Jha B	Plant Molecular Biology & Biotechnology, Stress Genomics, Coastal & Marine Biotechnology, Gene Mining and Translational Research
Johri MM	Molecular Biology of Plants
Kesavan PC	Radiation Biology, Genetics, Biodiversity, Sustainability Science
Khurana JP	Photobiology and Signal Transduction Mechanisms in Higher Plants, Plant Genomics
Khurana P	Plant Biotechnology, Molecular Biology, Genomics
Kohli RK	Physiological Ecology, Invasion Plant Ecology, Forestry
Kumar HD	Algology, Ecology, Microbial Biotechnology
Lahiri Majumder AN	Plant Biochemistry & Molecular Biology, Plant Biotechnology
Lavania UC	General and Molecular Cytogenetics, Molecular Systematics and Chromosome Evolution, Medicinal and Aromatic Plants, Phytotechnologies
Maheshwari SC	Botany and Plant Molecular Biology
Malik CP	Cytogenetics, Molecular Plant Physiology and Environmental Science,
_____	Biotechnology, Nanotechnology
*w.e.f. 01.01.2019	
Meher-Homji VM	Ecology, Bio-climatology, Plant Geography
Mukherjee SK	Plant Molecular Biology
Palni LMS	Plant Physiology & Biotechnology, Plant-Microbe Interactions, Himalayan Issues
Pandit MK	Plant Sciences, Ecogenomics, Conservation Biology
Podile AR	Plant-Microbe Interactions
Raghavendra AS	Botany, Plant Biochemistry, Molecular Plant Physiology and Plant Metabolomics
Rai LC	Phycology, Environmental Microbiology, Abiotic Stress Proteomics and Genomics of Cyanobacteria
Rajam MV	Plant Biotechnology, Polyamine Physiology and RNA Interference

Rajasekharan R	Plant Lipid Metabolism
Ramakrishnan PS	Ecology & Sustainable Development
Rangaswamy NS	Experimental Embryology & Tissue Culture
Rao KV	Plant Molecular Biology
Rao RR	Plant Taxonomy, Biodiversity, Phytogeography, Conservation and Ethnobotany
*Sabu M	Angiosperm Taxonomy, Reproductive Biology, Floristics
Sachar RC	Biochemistry and Molecular Biology
Sane PV	Photosynthesis, Plant Physiology, Biochemistry & Molecular Biology
Sangwan NS	Plant Sciences
Sanjappa M	Plant Taxonomy & Conservation
Savithri HS	Plant Molecular Virology, Enzymology, Protein Chemistry
Sawhney SK	Plant Biochemistry
Shah JJ	Plant Anatomy, Wood Science
Sharma Eklabya	Ecology
Shivanna KR	Reproductive Biology particularly Pollen Biology and Biotechnology and Conservation Biology
Siddiqi I	Plant Molecular Genetics
Singh JS	Ecology, Ecosystems Analysis, Ecophysiology
Singh PK	Plant Sciences, Microbiology, Algology, Sustainable Agriculture, Research Management
Singh SP	Ecology, Ecosystem Services, Himalayan Tree Lines and Climate Change
*Sinha AK	Plant Physiology and Molecular Biology
Sonti RV	Pathogen-plant interactions
Sopory SK	Molecular Plant Physiology
Srinivasan MC	Mycology, Industrial Microbiology & Enzyme Technology
Subrahmanyam NC	Plant Molecular Biology & Genetics
Tripathi RS	Plant Ecology (Population Ecology, Weed Biology, Forest Ecology, Biodiversity Management, Invasion Biology)
Tripathy BC	Plant Physiology, Plant Biotechnology

*w.e.f. 01.01.2019

Tuteja N	Plant Molecular Biology, Plant Biotechnology, Signal Transduction, DNA/RNA Helicases, Plant Abiotic Stress Tolerance, Plant-Microbes Interactions
Tyagi AK	Plant Biology
Udayakumar M	Crop Physiology, Plant Molecular Biology
Upadhyaya KC	Molecular Genetics and Genomics, Plant Molecular Biology and Biotechnology
Upreti DK	Lichenology, Biosystematics, Environmental Studies
Varma A	Plant Virology, Plant Pathology, Biotechnology, Education
Veluthambi K	Plant Sciences, Plant Biotechnology, Plant Virology
Vijayraghavan U	Molecular Genetics, Plant Development
Yadav SR	Angiosperm Taxonomy

SECTIONAL COMMITTEE-VIII

Animal Sciences: *Taxonomy, Structure, Function, Physiology, Development, Genetics, Ecology, Behaviour and Evolution of Animals*

Total Fellows: 68

<i>Name</i>	<i>Specialization</i>
Ali Sher	Molecular Genetics of Human and Animal Systems
Bamezai RNK	Genetics, Human Genetics
Bhalla US	Computation Neuro Science, Neuro Biology
Bhattacharya Alok	Molecular Parasitology, Genomics, Bioinformatics
Bhattacharya Samir	Comparative Endocrinology and Molecular Signaling
Borges RM	Evolutionary Ecology
Brahmachari Vani	Epigenetics and Development Biology, Molecular Genetics
Dass CMS	Cell Biology, Cellular Ultrastructure & Function, Silkworm Pathology
Datta K	Biochemistry, Molecular & Cell Biology
Datta Munshi JS	Fish & Fisheries, Ecology and Cell Biology
Dighe RR	Molecular Endocrinology, Reproductive Biology, Biotechnology
Dube Anuradha	Medical Parasitology (Leishmaniasis)
Dutta GP	Protozoology, Parasitology, Tropical Diseases, Drug Development, Cell Biology, Microbiology
Dutta Gupta A	Animal Sciences: Insect Molecular Physiology – Hormonal Regulation of Insect Development & Reproduction, Integrated Insect Pest Management
Gadagkar R	Animal Behaviour, Ecology and Evolution
Galande SA	Chromatin Biology
Garg LC	Infectious Diseases, Gene Expression, Vaccine Development
Hasan Gaiti	Molecular Genetics and Intracellular Calcium Signalling
Inamdar MS	Stem Cell Biology, Cardiovascular Development, Hematopoiesis, Angiogenesis
Jairajpuri MS	Nematology, Parasitology Taxonomy, Biological Diversity
Joshi A	Evolutionary Genetics and Population Ecology
Joy KP	Neuroendocrinology, Reproductive Endocrinology
Kamboj VP	Reproductive Biology, Contraception and Endocrinology
Lakhotia SC	Cytogenetics, Molecular Genetics & Cell Biology, Ayurvedic Biology
Mahale SD	Reproductive Physiology
Majumdar SS	Transgenic Animals and Endocrinology, Animal Biotechnology

Majumder HK	Molecular Parasitology, Molecular Biology, Biochemistry
Mallick BN	Physiology, Neurobiology/Neurophysiology of Sleep-wakefulness
*Mandal M	Cancer Biology
Marimuthu G	Animal Behaviour and Chronobiology
Muralidhar K	Biochemistry and Endocrinology
Muthukkaruppan V	Immunology, Ocular Diseases, Stem Cell Biology
Nagabushanam R	Animal Physiology, Invertebrate Endocrinology
Nanjundiah V	Developmental Biology, Evolution, Theoretical Biology
Pandian TJ	Animal Sciences and Fish Genetics
Parnaik Veena K	Cell and Molecular Biology
*Prasad NG	Evolutionary Genetics
Prasada Rao PD	Neuroendocrinology, Neurobiology & Fisheries
Ramamurthi R	Animal Physiology, Biodiversity & Environmental Biology
Raman R	Molecular Cytogenetics, Human Genetics
Ranganath HA	Zoology, Genetics and Evolution
Rao AJ	Reproductive Biology
Rao SRV	Cytogenetics
*Ray K	Molecular Cell Biology of Spermatogenesis and Intra-Cellular Transport in <i>Drosophila</i>
Roy Syamal	Parasitology, Immunology
Roychoudhury S	Cancer Biology
Saidapur SK	Biology of Reproduction, Comparative Endocrinology, Animal Behaviour
Saxena KN	Entomology: Insect Behaviour and Management
Saxena RK	Immunology, Nanotoxicology, Nanosciences, Biotechnology, Pulmonary Immune Responses and Effect of Environmental Pollutants, Erythrocyte Turnover
Senthilkumaran B	Fish Molecular Endocrinology, Developmental Biology and Reproductive Biology
Setty BS	Reproductive Biology, Fertility Regulation
Shah RV	Comp. Anatomy, General Development Physiology
Shanbhag BA	Biology of Reproduction and Endocrinology, Behavioral Ecology
Sharma YD	Molecular Parasitology, Malaria, Molecular Epidemiology
Shashidhara LS	Genetics and Developmental Biology
Singh M	Ecology, Animal Behaviour
Sinha VRP	Fish Biology, Reproductive Physiology & Aquatic Productivity Management and Fisheries Research Management
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*w.e.f. 01.01.2019	
Sobti RC	Cell Biology, Molecular Genetics Cytogenetics, Animals and Humans
Subbarao SK	Insect Genetics, Cytogenetics, Molecular Entomology & Epidemiology, Transmission Dynamics and Control of Vector-borne Diseases with Special Interest in Malariology and Vectors Transmitting Dengue, Chikungunya and Zika
Subramoniam T	Invertebrate Reproductive Biology, Cryobiology
Sukumar R	Ecology
Tahseen Q	Taxonomy and Biology of Fresh water and Soil-Inhabiting Nematodes
Tewari HB	Cell Biology, Histochemistry, Neurochemistry

Thelma BK	Cytogenetics, Human Genetics and Medical Genomics
Tole Shubha	Neuroscience
Vaidya VA	Neuroscience
Vijayraghavan K	Developmental Biology and Genetics
Watve MG	Evolutionary Biology, Ecology and Theoretical Biology

SECTIONAL COMMITTEE-IX

Microbiology and Immunology: *Biology of Viruses, Bacteria and Parasites, Microbial Genetics and Genomics, Immunology*

Total Fellows: 21

Name	Specialization
Arankalle VA	Virology, Biotechnology, Vaccinology
Balaji KN	Immunology, Infectious Diseases, Cell Biology
Bhatnagar R	Microbiology, Immunology
Chakravortty D	Microbiology, Infectious Diseases
Chitnis CE	Molecular Parasitology
Dikshit KL	Molecular Biology, Biochemistry
DurgaRao C	Virology, Cell and Molecular Biology, Biotechnology
*Gaur D	Malaria Parasite Biology & Vaccine Development
Kasbekar DP	Fungal Genetics and Molecular Biology
Khanna NC	Biotechnology: Recombinant Proteins of Medical Use
Mitra Debashis	Molecular Virology and Molecular Immunology
Mukhopadhyay S	Immunology and Infection Biology
*Nandicoori VK	Microbiology, Molecular Biology and Cell Signalling
Qadri Ayub	Immunology
Ramamurthy T	Microbiology and Molecular Microbiology
Sahu AK	Complement Biology, Molecular Virology
Sanyal K	Genetics and Genomics of Human Fungal Pathogens, Eukaryotic Chromosome Segregation
Sharma S	Parasite Biology and Immunology
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*w.e.f. 01.01.2019	
Siddavattam D	Microbiology
Singh Y	Bacterial Pathogenesis, Bacterial Protein Toxins, Signal Transduction in Bacteria
Tripathi AK	Molecular Microbiology (Agricultural & Environmental)

SECTIONAL COMMITTEE-X

Cell and Biomolecular Sciences: *Biochemistry, Biophysics, Cell Biology, Molecular Biology, Structural Biology, Bioinformatics, Systems Biology, Biotechnology*

Total Fellows: 102

Name	Specialization
Adhya Samit	Molecular Biology

Ahmad F	Biophysical Chemistry and Biochemistry
Bachhawat AK	Microbial Genetics & Biochemistry / Yeast Glutathione & Sulphur Metabolism
Balaram H	Biochemistry, Metabolism, Molecular Parasitology, Molecular Enzymology
Balaram P	Bioorganic Chemistry and Molecular Biophysics
Balasubramanian D	Biochemical Chemistry, Biomolecular Interactions, Ocular Biochemistry, Protein Structure
Bandyopadhyay Uday	Biochemistry and Cell Biology
Banerjea AC	Viral Pathogenesis and Gene Therapy
Banerjee RK	Cell Biology, Molecular Enzymology
Bansal Manju	Molecular Biophysics, Structural and Computational Biology
Basu J	Molecular and Cellular Biology with special reference to Mycobacteria
Basu SK	Biochemistry, Molecular Biology and Genetics
Bhattacharya Sudha	Molecular Biology, Molecular Parasitology
Bhattacharyya B	Structural Biology, Biochemistry & Molecular Spectroscopy
Brahmachari SK	Structural Biology, Functional Genomics, Open Source Drug Discovery
Chakrabarti P	Molecular Biophysics, X-ray Crystallography and Structural Biology, Bioinformatics
Chandra HGS	Human Genetics, Evolution
Chary KVR	Molecular Biophysics, Structural Biology and NMR Spectroscopy
Chatterjee IB	Biochemistry, Vitamin C, Oxidative Damage, Molecular Mechanisms of Cigarette Smoke-Induced Pathophysiology of different organs and its prevention, Black Tea
Chatterjee SN	Biophysics, Microbiology, Molecular and Genetic Toxicology, Free Radicals Biology
Chatterji D	Biochemical Chemistry, Molecular Biology and Nanobiology
Chattopadhyay A	Membrane/Receptor Biophysics & Biology, Fluorescence Spectroscopy & Microscopy
Chattopadhyay S	Gene Regulation, Cancer Biology and Immunology
Chauhan VS	Peptide as self organizing system and a drug delivery platforms, Malaria Immunology, Subunit Vaccine and Malaria Drug Development
Das HK	Biochemistry, Molecular Biology and Recombinant DNA Technology
Das PK	Biochemistry, Cell Biology, Molecular Parasitology
Das Saumitra	Molecular Virology and Molecular Biology
Dasgupta CK	Biochemistry and Biophysics
Datta AK	Enzymology, Molecular Biology, Parasitology
Datta Asis	Biochemistry, Molecular Biology & Genetic Engineering
Dhar SK	Biochemistry, Molecular Biology, Cell Biology, Parasitology
Easwaran KRK	Molecular Biophysics; Membrane Biophysics, Structural Biology
Ghosh B	Biochemistry, Immunology, Molecular Genetics
Gokhale RS	Chemical Biology
Gopal B	Structural Biology
Gopinathan KP	Molecular Biology and Biotechnology
*Gourinath S	Structural Biology (Infectious Disease)
Govil G	Molecular Biophysics
Gowrishankar J	Microbial Genetics and Physiology, Molecular Biology and Biotechnology

Gupta CM	Membrane Biology and Bio-Organic Chemistry
Gupta KC	Nucleic Acid Chemistry, Nanobiotechnology
Gupta MN	Biochemistry
Hasnain SE	Functional Biology, Molecular Pathogenesis & Dissemination Dynamics of Human Pathogens Particularly <i>M. tuberculosis</i>
Hosur M	Biophysics, X-ray Crystallography
Jayaraman R	Molecular Biology and Microbial Genetics
Kannan KK	Macromolecular Crystallography, Molecular Biology
Kenkare UW	Molecular Enzymology, Structural Biochemistry, Molecular Biology
Kolaskar AS	Molecular Biophysics & Bioinformatics
Krishnamoorthy G	Biophysical Laser Spectroscopy, Macromolecular Dynamics
Kumar Anil	Nuclear Magnetic Resonance Spectroscopy & Applications to Biomolecules & Quantum Computing
Kumar Sushil	Plant and Microbial Genetics/Genomics, Biodiversity, Evolution and Biosafety, Industrial and Food Crops Breeding and Biotechnology
Kundu TK	Regulation of Gene Expression (Transcription) in Humans with Special Emphasis on Disease and Therapeutics and related Chemical Biology
*Maiti S	Chemical Biology and Biophysics
Mandal NC	Molecular Biology
Mande SC	Biophysics
Mayor S	Cell Biology
Mishra GC	Immunology
Mishra RK	Genomics of the non-coding DNA & Epigenetic Regulation and Development
Mohan Rao C	Biophysical Chemistry and Molecular Biology, Protein Folding in Health and Disease, Molecular Diagnostics and Nanobiology
Mohanty D	Computational Biology & Bioinformatics
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*w.e.f. 01.01.2019	
Mukhopadhyay A	Cell Biology
Muniyappa K	Molecular Genetics, Molecular Cell Biology, Functional Genomics
Murthy MRN	X-ray Diffraction, Macromolecular Crystallography, Protein Structure and Function, Virus Structure and Assembly
Nagaraj R	Peptide Biochemistry, Membrane Biochemistry
Nagaraja V	Molecular Biology of Mycobacteria, Regulation of Gene Expression and Protein-DNA Interactions
Padmanaban G	Biochemistry, Molecular Biology, Malaria
Panda Dulal	Biochemistry, Cell Biology and Biophysics
Prasad R	Membrane Biology, Biochemistry, Fungal Genetics
Ramakrishnan C	Molecular Biophysics
Ramasarma T	Biochemistry, Biological Oxidation
Rangarajan PN	Eukaryotic Gene Expression & Infectious Diseases
Rao BJ	Molecular basis of Genome Dynamics Biophysics of Genome Repair Complexes
Rao DN	Protein-DNA Interactions
Rao MRS	Molecular & Cell Biology, Genomics and Human Molecular Genetics
Rao NA	Enzyme Regulation and Kinetics & Human Genetics

Roy RP	Biochemistry, Synthetic Protein Chemistry, Chemical Biology
Roy S	Biophysics, Biochemistry, Structural Biology, Chemical Biology
Sahni G	Enzymology, Protein Engineering
Salunke DM	Structural Biology, Macromolecular Crystallography, Molecular Biophysics
Sankaranarayanan R	Structural Biology
Saran Anil	Molecular Biophysics & Biomolecular NMR
Sarkar DP	Biochemistry, Molecular Virology, Molecular Cell Biology, Cell Signaling, Biotechnology & Membrane Biology
Sarkar PK	Neurodegenerative Diseases, Molecular Neurobiology, Neuroendocrinology
Sasisekharan V	Biomolecular Structure & Function
Sen Ranjan	Microbiology, Biochemistry
Sengupta S	Cancer Biology, Cell Biology, DNA Damage Response, DNA Repair, Mitochondria Biology
Shaha C	Cell Biology, Biochemistry
Sharma P	Signal Transduction, Biochemistry, Malaria, Neuroscience
*Sharma Y	Biophysics
Singh TP	Structural Biology, Protein Structures, Peptide Design and Drug Discovery
Sowdhamini R	Structural Bioinformatics, Protein Sequence Analysis, Genome Analysis, Function Prediction
Subba Rao PV	Biochemistry, Immunology
Surolia A	Protein Folding, Function & Design, Tuberculosis
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*w.e.f. 01.01.2019	
Swarup G	Molecular and Cell Biology, Molecular basis of disease, Cell Signalling, Membrane Vesicle Trafficking
Tyagi Anil K	Biochemistry, Molecular Biology
Tyagi JS	Mycobacteriology, Molecular Biology
Udgaonkar JB	Physical Biochemistry
Varadarajan R	Protein Structure and Folding
Varadarajan S	Organic & Biological Chemistry, Molecular Biology, Biotechnology, Engineering Design, Technology Development Transfer, Manufacture, Market Development, New Product Development and Application, Human Nutrition, Policy, Energy, Management Systems
Varshney U	Molecular Biology
Vijayan M	Molecular Biophysics, Biological Crystallography and Structural Biology
Visweswariah SS	Biochemistry, Cell Biology

SECTIONAL COMMITTEE-XI

Health Sciences: *Basic and Clinical Medical Sciences, Anthropology, Psychology, Human Genetics, Public Health, Nutrition*

Total Fellows: 85

Name	Specialization
Acharya SK	Gastro Enterology, Hepatology

Agarwal KN	Paediatrics - Nutrition Growth & Development
Aggarwal R	Medical Sciences, Gastroenterology, Liver Disease, Viral Hepatitis, Epidemiology, Health Economics
*Agrawal A	Medicine, Respiratory Disease Biology, Molecular Physiology
Agrewala JN	Immunology, Tuberculosis, Vaccines, Gut Microbiome
Ali N	Biochemistry/Immunology
Anand Anuranjan	Human Genetics and Genomics
Anand Ashima	Cardiorespiratory & Neurophysiology
Bamji Mahtab S	Biochemistry, Nutrition
Banerjee K	Virology, Immunology and Epidemiology
Basu Anirban	Neurovirology, Neurobiology and Molecular Medicine
Bhan MK	Pediatric Gastroenterology, Pediatric infectious Diseases, Nutrition
*Bhargava B	Medicine (Cardiology) and Medtech Innovation
Bhatnagar Shinjini	Health Sciences
Bhattacharya SK	Diarrhoeal Diseases, HIV/AIDS, Kala-azar, Infectious Diseases
Bhisey RA	Environmental Carcinogenesis, Molecular Epidemiology
Chakrabarti S	Viral Diseases with Special Emphasis on Genetic Characterization of Viruses and Mechanism of Pathogenesis
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*w.e.f. 01.01.2019	
Chakraborti PK	Molecular Biology & Biochemistry, Molecular Microbiology
Chaturvedi UC	Medical Microbiology, Virology, Immunology
Chowdhury A	Health Sciences: Hepatology
Das BC	Molecular Oncology, Molecular Virology and Human Molecular Genetics
Das Pradeep	Medical Biotechnology and Molecular Parasitology
Dash D	Biochemistry, Thrombus/Platelet Biology, Translational Nanomedicine
Deo MG	Pathology, Oncology, Molecular Medicine
Dey CS	Cell Biology, Molecular Biology, Insulin Signaling, Diabetes, Drug Resistance in Leishmania
Dikshit M	Molecular Pharmacology
Gangal SG	Cancer Immunology, Basic Immunology Genetic Diseases
Ganguly NK	Microbiology, Immunology, Biotechnology, Infectious Diseases, Public Health and Policy
Ghosh A	Molecular Biology of <i>Vibrio cholerae</i>
Giri AK	Genetic Toxicology, Environmental Mutagenesis and Human Genetics and Genomics
Gopalan C	Nutrition and Medical Research
Gupta SK	Reproductive Biology/ Immunology, Immunodiagnosics, Vaccine Development
Jagannathan NR	Clinical and Pre-clinical Cancer Research using Molecular Imaging/Magnetic Resonance Imaging (MRI) & in-vivo NMR Spectroscopy/Functional MRI Studies/NMR Metabolomics/Biophysics
*Jain N	Neuroscience
Jameel S	Virology
John TJ	Medicine : Paediatrics, Microbiology & Virology

Kang G	Medicine, Microbiology, Vaccines, Enteric Infections, Public Health
Kar Premashis	Gastroenterology
Katoch VM	Microbiology & Molecular Biology of Mycobacteria/Mycobacteriology
Kaul Deepak	Molecular Medicine, Functional Genomics, Genomic-Immunity
Kochupillai NP	Endocrinology, Metabolism, Diabetes & Biotechnology
Kondaiah P	Cancer Biology and Biomarkers, Cancer Therapeutics, Gene Regulation by Steroid Hormones
Krishnaswamy K	Internal Medicine
Luthra UK	Pathology, Cytopathology, Cancer Research, Medical Research
Madhubala R	Molecular Parasitology, Functional Genomics
Mahajan RC	Parasitology, Immunology and Microbiology
Malhotra KC	Human Ecology
Mandal C	Cancer Biology, Glycobiology, Immunology
Mathan MM	Pathology, Electron Microscopy
Mathan VI	Gastroenterology, Epidemiology
Mathur A	Medical Microbiology, Virology, Immunology

*w.e.f. 01.01.2019

Mehra NK	Transplant Immunology, HLA and Clinical Immunogenetics
Mishra AC	Epidemiology & Natural Cycle of Viral Diseases
Misra UK	Neurology
Mittra I	Oncology/Cancer Surgery, Fundamental, Clinical and Public Health Research in Cancer
Mohan V	Medicine – Diabetes Mellitus
Nair GB	Medical and Molecular Microbiology
Nath Indira	Immunology, Pathology, Communicable Diseases, Leprosy, Medical Biotechnology
Nayak NC	Pathology, Liver Diseases & Cancer
Panda SK	Liver Pathology and Molecular Virology of Hepatitis Viruses
Paul VK	Pediatrics, Health Sciences, Basic and Clinical Sciences / Public Health
Pillai MR	Disease Biology
Ramakrishna BS	Gastroenterology
Randhawa HS	Medical Mycology, Microbiology
Rao KVS	Immunology
Ravindranath V	Neuroscience
Reddy V	Nutrition
Rout D	Neurosurgery, Microneurosurgery, Microvascular Surgery & Neurosciences
Salotra P	Molecular Parasitology and Immunology
Sarin SK	Hepatology and Gastroenterology
Sarkar C	Neuropathology and Neuro-oncology
Seth PK	Biochemical Pharmacology & Toxicology, Neurotoxicology, Neurochemistry, Biotechnology
Sharma SK	General Medicine, Pulmonary, Critical Care and Sleep Medicine & Infectious Diseases
Sinha AKP	Social, Experimental and Personality

Sinha S	Molecular Medicine, Oncology (Glioma) and Immunology
Somasundaram K	Cancer Biology, Virology, Genetics
Srimal RC	Pharmacology, Natural Products & Toxicology
Subba Rao K	Neurochemistry, Molecular Biology of Aging
Sundar Shyam	Medicine, Infectious Diseases, Visceral Leishmaniasis, HIV Medicine
Swaminathan S	Clinical Medical Sciences
Talwar GP	Biomedical Research
Talwar KK	Cardiology
Tandon PN	Neurosurgery
Thangaraj K	Population Genetics and Evolutionary Biology, Clinical and Medical Genetics, Ancient DNA and Forensic Genetics
Valiathan MVS	Cardiac Surgery

SECTIONAL COMMITTEE-XII

Agricultural Sciences: Agriculture, Horticulture, Forestry, Fisheries, Veterinary Science

Total Fellows: 60

Name	Specialization
Abrol IP	Soil Science, Sustainable Agriculture, Research Management
Adhya TK	Environmental Microbiology
*Agrawal M	Ecology and Environmental Science (Air Pollution, Global Environmental Change, Food Chain Contamination)
Arunachalam V	Quantitative Genetics, Plant Breeding, Biodiversity
Bagyaraj DJ	Agricultural Microbiology, Mycorrhizal Symbiosis
Balyan HS	Genetics, Plant Breeding & Crop Biotechnology
Bhatia CR	Genetics, Plant Breeding, Agriculture, Biotechnology
Das P	Biotechnology of Woody Plants & Horticultural Crops
Datta SK	Plant Biotechnology
Dhillon BS	Agricultural Sciences, Genetics
Gadgil MD	Ecology, Environment and Development
Ghosh K	Agricultural Chemistry and Soil Science
Gill BS	Tropical Veterinary Medicine
Gill KS	Genetics and Plant Breeding
Gupta RK	Soil Science, Land Reclamation, Irrigation Water Quality and Conservation Agriculture
Husain A	Plant Pathology
Jain HK	Genetics & Plant Breeding; Agricultural Research Policy
Joshi AK	Agricultural Sciences
Kanwar JS	Soil Science, Agriculture
Khanna-Chopra R	Plant Physiology, Stress Physiology, Biochemistry
Khehra AS	Plant Breeding & Quantitative Genetics
Khush GS	Plant Breeding and Genetics
Kirti PB	Plant Molecular Biology
Lal Rup	Microbial Diversity, Genomics and Metagenomics
Madan Mohan	Agricultural Biotechnology
Mallick N	Algal Biotechnology
Mohapatra T	Agricultural Biotechnology
Mukerjee SK	Organic Chemistry & Agrochemicals
Narain P	Statistical Genetics, Agricultural Statistics
Nautiyal CS	Plant-Microbe Interactions & Soil Microbiology
Paroda RS	Plant Breeding & Genetics
Pathak H	Agricultural Sciences
Pental D	Breeding of Mustard, Transgenic crops
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*w.e.f. 01.01.2019	
Pradhan AK	Plant Genetics and Molecular Plant Breeding
Prasad Manoj	Plant Genetics & Genomics, Stress Biology
Prasad R	Agronomy, Soil Fertility, Fertilizers, Cropping Systems

Purohit AN	Environmental Plant Physiology, Physiology and Biochemistry of Medicinal Plants
Raina SK	Agricultural Biotechnology
Sangwan RS	Secondary Metabolism and Secondary Agriculture Bioprocessing for Resource Recovery & Value Added Products
Sethunathan N	Environmental Microbiology
Sharma RP	Genetics, Cytogenetics and Plant Biotechnology
Sharma TR	Agricultural Biotechnology and Disease Resistance
Shastry SVS	Genetics, Plant Breeding & Taxonomy
Siddiq EA	Genetics & Plant Breeding
*Singh AK	Genetics and Molecular Breeding in Rice
Singh Bijay	Soil Fertility and Chemistry
Singh N	Food Science and Technology
Singh NK	Plant Genomics, Transgenic Development, Molecular Breeding, Grain Quality in Rice and Wheat
Singh NT	Soil Science
Singh Randhir	Plant Biochemistry & Biotechnology
Singh Rangil	Plant Biochemistry (Metabolism of Carbohydrates and their Bio-regulation during Growth and Development of Cereals, Legumes, Forages and other Commercial Crops)
Singh SR	Soil and Water Engineering, Irrigation and Drainage Engineering, Ground Water Modelling
Singh Y	Soil Science
Subba Rao NS	Soil Microbiology & Biofertilizers
Swaminathan MS	Genetics & Agriculture
Takkar PN	Agriculture, Soil Chemistry, Fertility and Plant Nutrition, Micronutrients
Tuli R	Biochemistry & Molecular Genetics of Agriculturally & Medicinally Important Plants, Genomic Diversity in Plants for Precision Breeding, Food and Nutrition Biotechnology
Varshney RK	Crop Genetics, Genomics and Molecular Breeding
Virk DS	Genetics and Plant Breeding
Yadava JNS	Veterinary Microbiology, Immunology, Bacterial Genetics, Molecular Biology, Biotechnology, Zoonoses

*w.e.f. 01.01.2019

SECTIONAL COMMITTEE-M

Multidisciplinary Committees

Total Fellows: 09

<i>Name</i>	<i>Specialization</i>
Ananthakrishna G	Theoretical Materials Science and Condensed Matter Physics
Krupanidhi SB	Physics of Materials, Epitaxial Multi-Component Oxides, Compound

Majumder PP	Semiconductors, Superlattices, Functional Devices & Applications
Ramaswamy R	Human Genetics, Genetic Epidemiology Biostatistics
Sadashiva BK	Nonlinear Science, Computational Biology and Bioinformatics
Sarma DD	Synthesis and Characterization of Liquid Crystalline Materials
Sen Abhijit	Electronic Structure of Solid
Shukla AK	Plasma Physics and Non Linear Dynamics
Sinha Somdatta	Materials Electrochemistry with special emphasis on Batteries, Fuel Cells and Electrochemical Supercapacitors
	Theoretical and Computational Biology, Complex Systems

SECTIONAL COMMITTEE-NC

New Category

Total Fellows: 06

<i>Name</i>	<i>Specialization</i>
*Gupta AK	Inclusive, Frugal and Grassroots Innovation, Institution Building, Sustainable Agriculture, Technological, Educational, Institutional Innovations, Public Policy
Harinarayana K	Aeronautical Engineering
Raina Dhruv	History and Philosophy of Science
*Ramasubramanian K	Non-linear dynamics and Chaos, Indian Astronomy and Mathematics, Advaita Vedanta
Subbarayappa BV	History and Philosophy of Science
Suresh BN	Control Systems, Actuation Systems, Simulation, Launch Vehicle, Design, System Engineering, Mission Planning and R & D Management