



INDIAN ACADEMY OF SCIENCES
announces newly elected Fellows for 2023



Somabrata Acharya
Indian Association for the Cultivation
of Science, Kolkata
Area: Nanomaterials, Supramolecular
Assemblies, Functional Devices



Sitara S. Rao Ajjampur
Christian Medical College, Vellore
Area: Parasitology, Infectious
Diseases, Epidemiology



Sanghamitra Bandyopadhyay
Indian Statistical Institute, Kolkata
Area: Computational Biology, Artificial
Intelligence and Machine Learning,
Metaheuristics and Multi-objective
Optimization



Analabha Basu
National Institute of Biomedical
Genomics, Kalyani
Area: Statistical Genetics, Human
Population Genetics, Genetic
Epidemiology



Gautam Bharali
Indian Institute of Science, Bengaluru
Area: Several Complex Variables,
Holomorphic Dynamical Systems



Navakanta Bhat
Indian Institute of Science, Bengaluru
Area: Nanoelectronic Device
Technology, Electrochemical Biosensors,
Chemiresistive Gas Sensors



Shinjini Bhatnagar
Translational Health Science and
Technology Institute, Faridabad
Area: Clinical Research, Maternal and
Child Health, Paediatric Gastroenterology



Naveen C. Bisht
National Institute of Plant Genome
Research, New Delhi
Area: Agricultural Biotechnology,
Plant Metabolism, Genetics and Genomics
of Seed Quality Traits in Oilseed Brassicas



Parbati Biswas
University of Delhi, Delhi
Area: Theoretical Physical Chemistry,
Theoretical Chemical Physics



Subhadeep Chatterjee
Centre for DNA Fingerprinting and
Diagnostics, Hyderabad
Area: Molecular Microbiology,
Quorum Sensing and Molecular Biology,
Host–Pathogen Interaction



Santosh Chauhan
Centre for Cellular and Molecular
Biology, Hyderabad
Area: Cell Biology, Immunology,
Infectious Diseases



Abhishek Dey
Indian Association for the
Cultivation of Science, Kolkata
Area: Inorganic Chemistry, Reaction
Mechanism, Energy and Environment



V. Ganesan
National Institute of Mental Health
and Neurosciences, Bengaluru
Area: Schizophrenia, Neuromodulation,
Brain Imaging



Ambarish Ghosh
Indian Institute of Science, Bengaluru
Area: Quantum Fluids, Soft Matter
Physics, Plasmonics



T. Govindaraju
Jawaharlal Nehru Centre for Advanced
Scientific Research, Bengaluru
Area: Chemical Biology,
Alzheimer's Disease, Diagnostics,
Therapeutics and Theranostics



Yogesh M. Joshi
Indian Institute of Technology, Kanpur
Area: Rheology, Soft Matter,
Chemical Engineering



Mahesh R. Kakde
Indian Institute of Science, Bengaluru
Area: Number Theory, Arithmetic
Geometry



Anirban Kundu
University of Calcutta, Kolkata
Area: Theoretical Particle Physics



Debabrata Maiti
Indian Institute of Technology, Mumbai
Area: C–H Activation, Catalysis,
Bio-inspired Catalysis



Lolitika Mandal
Indian Institute of Science
Education & Research, Mohali
Area: Developmental Genetics,
Cell Biology, Stem Cell Biology



Subroto Mukherjee
Indian Institute of Science, Bengaluru
Area: Theoretical Condensed Matter Physics



Parthasarathi Mukhopadhyay
Indian Institute of Tropical Meteorology, Pune
Area: Numerical Weather Prediction,
Development of Physical Parameterization and
NWP Model, Understanding and
Improving Forecast of Extreme Events



Samrat Mukhopadhyay
Indian Institute of Science Education &
Research, Mohali
Area: Molecular Biophysics,
Intrinsically Disordered Proteins,
Biological Phase Separation



Ganesh Nagaraju
Indian Institute of Science, Bengaluru
Area: DNA Repair, Cell Biology,
Cancer Biology



Ranjith Padinhateeri
Indian Institute of Technology, Mumbai
Area: Physical Biology, Computational
Biology, Chromatin Organization,
Self-assembly of Biological Systems



Kalika Prasad
Indian Institute of Science Education &
Research, Pune
Area: Genetics, Developmental
Biology, Cell Biology



Prabodh K. Trivedi
Central Institute of Medicinal and Aromatic Plants, Lucknow
Area: Plant Molecular Biology and Biotechnology, Pathway
Engineering for Secondary Plant Products, Environmental
Biotechnology



D. Pallam Raju
Physical Research Laboratory,
Ahmedabad
Area: Space Weather, Daytime Upper
Atmospheric Dynamics,
Vertical Coupling of Atmospheres



Rajesh Ravindran
Institute of Mathematical Sciences,
Chennai
Area: Statistical Mechanics,
Polymer Physics



M. Ravi Kumar
National Geophysical Research
Institute, Hyderabad
Area: Passive Seismology,
Seismic Structure, Geodynamics



Samit K. Ray
Indian Institute of Technology,
Kharagpur
Area: Semiconductor Devices,
Optoelectronics, Energy
Harvesting Materials and Devices



B. Eswar Reddy
Indian Institute of Astrophysics,
Bengaluru
Area: Galactic Chemical Evolution,
Stellar Evolution and Nucleosynthesis



Parthanil Roy
Indian Statistical Institute, Bengaluru
Area: Probability Theory, Extreme
Value Theory, Stable Random Fields



Kirti Chandra Sahu
Indian Institute of Technology,
Hyderabad
Area: Raindrop Dynamics,
Interfacial Flows, Hydrodynamics
Instability in Multiphase Flows



Konijeti Sreenadh
Indian Institute of Technology,
New Delhi
Area: Elliptic Partial
Differential Equations, Parabolic Partial
Differential Equations, Analysis