



INDIAN ACADEMY OF SCIENCES
announces newly elected
Fellows for 2021



Amit Agrawal
Indian Institute of Technology, Mumbai
Area: Fluid Mechanics,
Heat Transfer,
Development of Novel Bio-Microdevices



Amit Dutta
Indian Institute of Technology, Kanpur
Area: Theoretical Condensed Matter Physics,
Nonequilibrium Statistical Mechanics,
Quantum Information & Thermodynamics



Anjan K. Banerjee
Indian Institute of Science Education & Research, Pune
Area: Plant Developmental Biology,
Long Distance Micromolecular Signalling,
Plant Molecular Biology



Pramod K. Garg
All India Institute of Medical Sciences, New Delhi
Area: Pancreatology,
Gastroenterology, Internal Medicine



Rahul Banerjee
Indian Institute of Science Education & Research, Kolkata
Area: Structural Chemistry,
Crystal Engineering, Porous Materials,
Gas Storage, COFs



Atul Goel
Central Drug Research Institute, Lucknow
Area: Bio-organic & Medicinal Science,
Biomedical Science, Drug Discovery,
Molecular Medicine & Imaging



Soumen Basak
National Institute of Immunology, New Delhi
Area: Cell Signalling, Immunology,
Systems Biology



Debatosh Guha
University of Calcutta, Kolkata
Area: Antenna Engineering,
Microwaves, Applied Electromagnetics



Jaydeep K. Basu
Indian Institute of Science, Bengaluru
Area: Soft Matter Physics,
Biological Physics,
Quantum Nanophotonics



Sanoli Gun
Institute of Mathematical Sciences, Chennai
Area: Modular Forms,
Special Values of L-Functions,
Algebraic Number Theory



Somnath Bharadwaj
Indian Institute of Technology, Kharagpur
Area: Astrophysics,
Cosmology



Neena Gupta
Indian Statistical Institute, Kolkata
Area: Commutative Algebra,
Affine Algebraic Geometry



Dipshikha Chakravorty
Indian Institute of Science, Bengaluru
Area: Microbiology,
Infectious Disease, Immunology



Ullas Kolthur-Seetharam
Tata Institute of Fundamental Research, Mumbai
Area: Epigenetics, Gene Expression,
Mitochondrial Metabolism & Function,
Molecular Physiology & Ageing



R. Chandrasekar
University of Hyderabad, Hyderabad
Area: Organic Nanophotonics,
Single Particle Microscopy & Spectroscopy,
Materials Chemistry & Physics



Ashverya Laxmi
National Institute of Plant Genome Research, New Delhi
Area: Plant Physiology,
Plant Molecular Biology,
Plant Biotechnology



Anuradha Chowdhary
V.P. Chest Institute, Delhi
Area: Medical Microbiology,
Medical Mycology,
Fungal Infections



S. R. Maddika
Centre for DNA Fingerprinting & Diagnostics, Hyderabad
Area: Cell Biology,
Cell Signalling,
Protein Modifications



Swadhin K. Mandal
Indian Institute of Science Education & Research, Kolkata
Area: Organometallic Chemistry,
Catalysis



Shobhana Narasimhan
Jawaharlal Nehru Centre for Advanced Scientific
Research, Bengaluru
Area: Condensed Matter Physics,
Materials Science, Nanoscience



Neela Nataraj
Indian Institute of Technology, Mumbai
Area: Numerical Analysis,
Finite Element Methods,
Applied Mathematics



Satish A. Patil
Indian Institute of Science, Bengaluru
Area: Molecular Electronics,
Organic Solar Cells, Singlet Fission



N. G. Prasad
Indian Institute of Science Education & Research, Mohali
Area: Intersexual Conflict,
Life History Evolution,
Evolutionary Ecology of Immunity



Thomas Pucadyil
Indian Institute of Science Education & Research, Pune
Area: Cell Biology, Biophysics



Sadiqali A. Rangwala
Raman Research Institute, Bengaluru
Area: Atomic Physics, Molecular Physics,
Quantum Optics



D. Srinivasa Reddy
Indian Institute of Integrative Medicine, Jammu
Area: Total Synthesis,
Medicinal Chemistry,
Drug Discovery



Shakil A. Romshoo
University of Kashmir, Srinagar
Area: Glaciology,
Climate Change, Geoinformatics



Manik Varma
Microsoft Research India, Bengaluru
Area: Machine Learning,
Artificial Intelligence



Akhila K. Sahoo
University of Hyderabad, Hyderabad
Area: Organic Synthesis,
Organometallic/Energetic Materials,
Difunctionalisation of Ynamides



Kalachand Sain
Wadia Institute of Himalayan Geology, Dehradun
Area: Gas-Hydrates & Sub-volcanic Mesozoics,
Geotectonics & Earthquake Process,
Artificial Intelligence



Nitin Saxena
Indian Institute of Technology, Kanpur
Area: Algebraic Complexity Theory,
Computational Algebra,
Number Theory, Cryptology



Seema Sharma
Indian Institute of Science Education & Research, Pune
Area: Experimental High Energy Physics,
Particle Detectors & Simulation,
Data Analysis & Big Data Mining



T. R. Sharma
Indian Council of Agricultural Research, New Delhi
Area: Plant Genomics,
Plant Disease Resistance



Pradeep K. Singh
Central Institute of Mining & Fuel Research, Dhanbad
Area: Rock Mechanics, Mining Methods,
Rock Excavation Technologies,
Coal Characterization & Clean Coal Technologies



Rajiv Sinha
Indian Institute of Technology, Kanpur
Area: River Science, Quaternary Geology,
Remote Sensing Applications



S. Suresh Babu
Vikram Sarabhai Space Centre, Thiruvananthapuram
Area: Atmospheric Science,
Aerosol–Radiation Interaction,
Radiative Forcing & Climate



Vidita A. Vaidya
Tata Institute of Fundamental Research, Mumbai
Area: Neuroscience,
Pharmacology, Behaviour