



**INDIAN ACADEMY OF SCIENCES
announces newly elected Fellows &
Honorary Fellows for 2022**



Ruchi Anand
Indian Institute of Technology, Mumbai
Area: Protein Crystallography,
Structural Biology



Bushra Ateeq
Indian Institute of Technology, Kanpur
Area: Cancer Biology, Cancer Genomics,
Molecular Targets & Therapeutics



Satyaki Bhattacharya
Saha Institute of Nuclear Physics, Kolkata
Area: Machine Learning in High Energy Physics,
High Performance Computing in
High Energy Physics



Chiranjib Bhattacharyya
Indian Institute of Science, Bengaluru
Area: Machine Learning, Robust Optimization,
Autonomous Systems



A. T. Biju
Indian Institute of Science, Bengaluru
Area: Synthetic Organic Chemistry,
Catalysis, Aryne Chemistry



Kanishka Biswas
Jawaharlal Nehru Centre for
Advanced Scientific Research, Bengaluru
Area: Solid State Chemistry, Thermoelectrics



Sukanta Bose
Inter-University Centre for Astronomy &
Astrophysics, Pune
Area: Gravitational Wave Astronomy,
Relativistic Astrophysics,
Classical & Quantum Gravity



Poonam Chandra
National Centre for Radio Astrophysics, Pune
Area: Astrophysics



Jayasri Das Sarma
Indian Institute of Science Education &
Research, Kolkata
Area: Experimental Animal Model,
Neurovirology, Neuroimmunology,
Neuropathology



Jyotirmayee Dash
Indian Association for the
Cultivation of Science, Kolkata
Area: Chemical Biology,
Supramolecular Chemistry



B. S. Daya Sagar
Indian Statistical Institute, Bengaluru
Area: Mathematical Earth Science,
Remote Sensing,
Geographical Information Science



Aditi S. De
Harish Chandra Research Institute, Prayagraj
Area: Quantum Information & Computation,
Condensed Matter Physics, Quantum Optics



Nirmalya Ghosh
Indian Institute of Science Education &
Research, Kolkata
Area: Optical Physics, Photonics, Spin Optics,
Plasmonics, Nanobiophotonics



Suhrit Ghosh
Indian Association for
the Cultivation of Science, Kolkata
Area: Polymer Chemistry,
Supramolecular Chemistry, Organic Materials



Mahesh Hariharan
Indian Institute of Science Education &
Research, Thiruvananthapuram
Area: Photophysics, Ultrafast Spectroscopy,
Crystal Engineering



G. Jagadeesh
Indian Institute of Science, Bengaluru
Area: Hypersonic Aerothermodynamics,
Shock Wave Dynamics,
Industrial Applications of Shock Waves



Apoorva Khare
Indian Institute of Science, Bengaluru
Area: Positivity Matrices & Analysis,
Representation Theory, Combinatorics,
Discrete Mathematics



Meena B. Mahajan
The Institute of Mathematical Sciences, Chennai
Area: Computational Complexity Theory,
Proof Complexity, Algorithms & Combinatorics



Samir K. Maji
Indian Institute of Technology, Mumbai
Area: Biophysics, Chemical Biology



D. Nagesh Kumar
Indian Institute of Science, Bengaluru
Area: Climate Change, Impact on
Water Resource Systems, Remote Sensing,
GIS Applications in Hydrology



Vandana Prasad
Birbal Sahni Institute of Palaeosciences,
Lucknow
Area: Evolutionary Biology, Biostratigraphy,
Quaternary Palaeoclimate Studies



Sunita Sarawagi
Indian Institute of Technology, Mumbai
Area: Statistical & Deep Learning,
Diabetes, Data Mining



S. Sudarshan
Indian Institute of Technology, Mumbai
Area: Database Systems,
Query Processing & Optimization



Vijayalakshmi Trivedi
Tata Institute of Fundamental Research, Mumbai
Area: Commutative Algebra,
Algebraic Geometry, Algebra



A. V. Kurpad
St John's Medical College, Bengaluru
Area: Physiology, Nutrition, Public Health



Manoj Majee
National Institute of
Plant Genome Research, New Delhi
Area: Plant Molecular Biology,
Seed Biology, Stress Biology



Ashis K. Mukherjee
Institute of Advanced Study in
Science and Technology, Guwahati
Area: Microbial Enzymes, Anti-Cancer Drug
Discovery from Natural Resources



D. M. Pancholi
The Institute of Mathematical Sciences, Chennai
Area: Contact & Symplectic Topology,
Differential Topology, Differential Geometry



Uma Ramakrishnan
National Center for
Biological Sciences, Bengaluru
Area: Molecular Ecology,
Conservation Genetics, Biogeography



Arun K. Shukla
Indian Institute of Technology, Kanpur
Area: Structural Biology,
Cellular Signalling, Drug Discovery



C. H. Suresh
National Institute for Interdisciplinary
Science and Technology, Thiruvananthapuram
Area: Computational Chemistry, Electronic
Structure Theory, Homogeneous Catalysis

HONORARY FELLOWS



Cato Thomas Laurencin
The Connecticut Convergence Institute for
Translation in Regenerative Engineering,
Farmington, USA



Omar M. Yaghi
University of California, Berkeley, USA