INSTITUTE NEWS

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 Haribaran
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
ACADEMY NEWS

**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

**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

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

**Omar M. Yaghi**
University of California, Berkeley, USA

**HONORARY FELLOWS**