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

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

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

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

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

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

Dipshikha Chakraborty
Indian Institute of Science, Bengaluru
Area: Microbiology, Infection Disease, Immunology

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

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

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

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

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

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

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

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

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

Ashwarya Lazmi
National Institute of Plant Genome Research, New Delhi
Area: Plant Physiology, Plant Molecular Biology, Plant Biotecnology

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: Intersubject Conflict, Life History Evolution, Evolutionary Ecology of Immunity

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

Sadiq Ali 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 Mesoecosms, 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