



INDIAN ACADEMY OF SCIENCES
announces newly elected
Fellows & Honorary Fellow for 2020

FELLOWS



Vivek Agarwal
Indian Institute of Technology, Mumbai
Area: Power Electronics,
Renewable Energy,
Power Quality



Chandrasekhar Bal
All India Institute of Medical Sciences, New Delhi
Area: Therapeutic Nuclear Medicine,
Nuclear Neurology, Positron Emission
Tomography on Oncology



Bijan Bandyopadhyay
Indian Institute of Technology, Mumbai
Area: Control Systems, Variable Structure
& Sliding, Mode Control



Dipankar Banerjee
Aryabhata Research Institute of
Observational Sciences, Nainital
Area: Astrophysics, Solar Physics,
Plasma Physics



Rinti Banerjee
Indian Institute of Technology, Mumbai
Area: Drug Delivery, Nanomedicine,
Biomaterials



Anjan Barman
S. N. Bose National Centre for Basic Sciences, Kolkata
Area: Experimental Condensed Matter Physics,
Magnetism & Spintronics, Ultrafast &
High Frequency Spectroscopy & Dynamics



Bikramjit Basu
Indian Institute of Science, Bengaluru
Area: Biomedical Engineering,
Engineering Ceramics & Coatings,
Solar Reflector/Absorber Materials



P. V. Bharatam
National Institute of Pharmaceutical
Education and Research, SAS Nagar
Area: Organic Synthesis of Computationally Designed
Compounds, Theoretical Organic Chemistry,
Pharmacoinformatics



G. R. Chandak
CSIR-Centre for Cellular and Molecular
Biology, Hyderabad
Area: Genomics & Epigenomics of Complex
Diseases, Developmental Programming of
Metabolic Syndrome



Rajat S. Hazra
Indian Statistical Institute, Kolkata
Area: Probability, Operator Algebra,
Statistical Physics



Sanjeev Khosla
Centre for DNA Fingerprinting and
Diagnostics, Hyderabad
Area: Epigenetics, Developmental Biology



Partha S. Mukherjee
Indian Institute of Science, Bengaluru
Area: Supramolecular Chemistry



I. N. N. Namboothiri
Indian Institute of Technology, Mumbai
Area: Synthetic & Physical Organic chemistry



Rishikesh Narayanan
Indian Institute of Science, Bengaluru
Area: Cellular Neurophysiology,
Computational Neuroscience,
Neural Coding & Plasticity



Alope Paul
Indian Institute of Science, Bengaluru
Area: Diffusion in Solids, Phase
Transformation, Microstructure



Amritanshu Prasad
Institute of Mathematical Sciences, Chennai
Area: Representation Theory, Combinatorics,
Group Theory



Rajeev Ranjan
Indian Institute of Science, Bengaluru
Area: Materials Science, Ferroelectrics,
Piezoelectrics



T. Narayana Rao
National Atmospheric Research Laboratory, Tirupati
Area: Radar Meteorology, Microphysics & Dynamics
of Clouds Precipitation, Monsoon Meteorology



S. P. Rath
Indian Institute of Technology, Kanpur
Area: Bioinorganic Chemistry,
Physical Inorganic Chemistry,
Supramolecular Chirogenesis



Manjula Reddy
CSIR-Centre for Cellular & Molecular Biology, Hyderabad
Area: Bacterial Physiology, Genetics



M. Sabu
Malabar Botanical Garden and Institute
for Plant Sciences, Calicut
Area: Taxonomy of Angiosperms,
Reproductive Biology, Anatomy Palynology



Mahesh Sankaran
National Centre for Biological Sciences, Bengaluru
Area: Climate Change, Ecosystem Ecology,
Savanna Ecology



Saket Saurabh
The Institute of Mathematical Sciences, Chennai
Area: Theoretical Computer Science,
Graph Algorithms & Graph Theory,
Parametrised Complexity



B. Senthilkumar
University of Hyderabad, Hyderabad
Area: Reproductive Biology, Molecular
Endocrinology, Endocrine Toxicology



Maya Shankar Singh
Banaras Hindu University, Varanasi
Area: Organic Synthesis Methodology,
Chemistry of β -Ketodithioesters & Related
Systems, Visible-light Mediated Photocatalytic
Reactions



Alok K. Sinha
National Institute of Plant Genome Research, New Delhi
Area: Plant Molecular Biology, Plant Biochemistry,
Plant Physiology



Binod Sreenivasan
Indian Institute of Science, Bengaluru
Area: Earth & Planetary Magnetism,
Dynamo Theory, Magnetohydrodynamics



A. Sundaresan
Jawaharlal Nehru Centre for Advanced Scientific
Research, Bengaluru
Area: Superconductivity, Magnetism, Multiferroics



K. M. Sureshan
Indian Institute of Science Education and
Research, Thiruvananthapuram
Area: Supramolecular Chemistry,
Crystal Engineering



V. M. Tiwari
CSIR-National Geophysical Research Institute, Hyderabad
Area: Exploration Geophysics, Gravimetry, Geodynamics



Anil K. Tripathi
Banaras Hindu University, Varanasi
Area: Bacterial Genetics & Genomics,
Plant Microbe Interaction, Bacterial Diversity



M. K. Verma
Indian Institute of Technology, Kanpur
Area: Turbulence, Nonlinear Dynamics,
Nonequilibrium Statistical Physics

Honorary Fellow



Bishnu S. Atal
University of Washington, Seattle, USA