

Indian Academy of Sciences elects new Fellows – 2003

Agrawal Manindra, Indian Institute of Technology, Kanpur

Area: Computational Complexity Theory, and Computation Number Theory.

Ahmad Talat, University of Delhi, Delhi

Area: Igneous Petrology (Geochemistry), and Himalayan Geology.

Bachhawat Anand Kumar, Institute of Microbial Technology, Chandigarh

Area: Microbial Genetics, Molecular Genetics, and Microbial Biochemistry.

Bhakuni Vinod, Central Drug Research Institute, Lucknow

Area: Protein Folding and Stability, and Molecular Biophysics.

Bhanu Sankara Rao Kota, Indira Gandhi Centre for Atomic Research, Kalpakam

Area: Mechanical Metallurgy, Physical Metallurgy, and Materials Development.

Chattopadhyay Dhrubajyoti, Dr BC Guha Centre for Genetic Engineering and Biotechnology, Kolkata

Area: Transcription, Molecular Virology, and Oxidative Stress Response.

Chowdhury Debashish, Indian Institute of Technology, Kanpur

Area: Statistical Physics, Condensed Matter Physics (Theory), and Biological Physics (Theory).

Goswami Sreebrata, Indian Association for the Cultivation of Science, Kolkata

Area: Inorganic Chemistry, Chemical Reactions with Metal Mediation, and Polymetallic Systems.

Kant Tarun, Indian Institute of Technology, Mumbai

Area: Polymer Composites, and Finite Element Methods.

Kulkarni Sulabha Kashinath, University of Pune, Pune

Area: Surface Physics, Materials Science, and Nanoscience.

Kumar Gattamraju Ravindra, Tata Institute of Fundamental Research, Mumbai

Area: Interaction of Intense Light with Matter, and Nonlinear Optical Properties of Novel Materials

Kumar Makarla Udaya, University of Agricultural Sciences, Bangalore

Area: Molecular Basis of Stress Resistance, Physiology of Water Use Efficiency in Plants, and Canopy Photosynthesis.

Murthy Mundur Venkatasubbiah Nagaraja, The Institute of Mathematical Sciences, Chennai

Area: Particle Physics Phenomenology, Quantum Statistics (Semi-Classical Methods).

Nageswara Rao Gullapalli, L V Prasad Eye Institute, Hyderabad

Area: Cornea, Community Eye Health, and Eye Care Policy and Planning.

Palaniandavar Mallayan, Bharathidasan University, Tiruchirappalli

Area: Bioinorganic Chemistry, Activation of Molecular Oxygen, and Structure, Bonding and Electron Transfer in Small Molecules.

Pillai Madhavan Radhakrishna, Regional Cancer Centre, Thiruvananthapuram

Area: Tumour Biology, Molecular Biology, and Drug Development.

Radhakrishnan Thavarool Puthiyedath, University of Hyderabad, Hyderabad

Area: Materials Chemistry, and Computational Chemistry.

Ramdorai Sujatha, Tata Institute of Fundamental Research, Mumbai

Area: Algebra, Quadratic Forms, Number Theory, and Iwasawa Theory.

Shanbhag Bhagyashri Achut, Karnatak University, Dharwad

Area: Comparative Endocrinology and Reproduction (Vertebrates), Herpetology, and Animal Behaviour.

Sinha Bikash Chandra, Variable Energy Cyclotron Centre and Saha Institute of Nuclear Physics, Kolkata

Area: Nuclear Physics and High Energy Physics, Quark Gluon Plasma, and Early Universe Cosmology.

Tyagi Akhilesh Kumar, University of Delhi South Campus, New Delhi

Area: Plant Gene Expression, Genomics, and Biotechnology.

Umapathy Siva, Indian Institute of Science, Bangalore

Area: Laser Spectroscopy, Photochemistry, and Ultrafast Dynamics.

Vrati Sudhanshu, National Institute of Immunology, New Delhi

Area: Molecular Virology, Vaccinology, and Biotechnology.

Yegnanarayana Bayya, Indian Institute of Technology, Chennai

Area: Signal Processing, Speech and Vision, and Artificial Neural Networks.