

Indian Academy of Sciences elects new Fellows – 2016

G. C. Anupama, Indian Institute of Astrophysics, Bengaluru

Area: Time domain astronomy, Cataclysmic variables, Supernovae, Gamma-ray burst sources, Active galactic nuclei.

K. N. Balaji, Indian Institute of Science, Bengaluru

Area: Immunology, Infectious diseases.

Tirthankar Bhattacharyya, Indian Institute of Science, Bengaluru

Area: Functional analysis, Hilbert space, Operator theory, Several complex variables.

Subhra Chakraborty, National Institute of Plant Genome Research, New Delhi

Area: Nutritional and stress genomics, Plant proteomics, Molecular biology, Biotechnology.

Suman Chakraborty, Indian Institute of Technology, Kharagpur

Area: Thermal and fluid science, Micro and nanoscale transport, Interfacial phenomena and phase change.

Arun Chattopadhyay, Indian Institute of Technology, Guwahati

Area: Nanoscience and technology.

Kedar S. Damle, Tata Institute of Fundamental Research, Mumbai

Area: Condensed matter theory.

Suman K. Dhar, Jawaharlal Nehru University, New Delhi

Area: DNA replication, Cell cycle control, Molecular parasitology, Bacteriology.

S. Ganesh, Indian Institute of Technology, Kanpur

Area: Human molecular genetics, Disease biology, Neuroscience.

Pradyut Ghosh, Indian Association for the Cultivation of Science, Kolkata

Area: Chemical sensing of ions, Anion and ion pair recognition chemistry, Interlocked molecular systems and self-assembly.

Saman Habib, CSIR-Central Drug Research Institute, Lucknow

Area: Parasitology, Molecular and cell biology.

Ramesh Hariharan, Strand Life Sciences, Bengaluru

Area: Computational biology, Molecular diagnostics, Design and analysis of algorithms.

Krishna P. Kaliappan, Indian Institute of Technology, Mumbai

Area: Organic synthesis, Medicinal chemistry, Natural products.

Amalendu Krishna, Tata Institute of Fundamental Research, Mumbai

Area: Algebraic cycles, Algebraic K-theory, Equivariant cohomology.

Pawan Malhotra, International Centre for Genetic Engineering and Biotechnology, New Delhi

Area: Malaria parasite biology, Molecular biology, Drug and vaccine development.

D. S. Pandey, Banaras Hindu University, Varanasi

Area: Co-ordination chemistry, Organometallic chemistry, Bio-inorganic chemistry.

Amitava Patra, Indian Association for the Cultivation of Science, Kolkata

Area: Nanoscience, Spectroscopy photo-physics.

V. K. Paul, All India Institute of Medical Sciences, New Delhi

Area: Paediatrics, Newborn health.

T. Punniyamurthy, Indian Institute of Technology, Guwahati

Area: Organometallic chemistry, Medicinal chemistry.

S. C. Raghavan, Indian Institute of Science, Bengaluru

Area: Cancer biology, DNA repair, Genomic instability.

A. Raghuram, Indian Institute of Science Education and Research, Pune

Area: Number theory, Representation theory, Automorphic forms.

Pratap Raychaudhuri, Tata Institute of Fundamental Research, Mumbai

Area: Superconductivity magnetism, Low temperature scanning, Tunneling spectroscopy, High frequency measurements in superconductors.

Sanjay Kumar, Banaras Hindu University, Varanasi

Area: Condensed matter theory, Biological physics, Statistical physics.

Sunil K. Singh, Physical Research Laboratory, Ahmedabad

Area: Low temperature elemental and isotope geochemistry, Biogeochemistry of trace elements and isotopes, Earth surface and ocean processes.

P. B. Sunil Kumar, Indian Institute of Technology, Chennai

Area: Soft condensed matter physics, Biological physics, Computational physics.

K. V. Venkatesh, Indian Institute of Technology, Mumbai

Area: Biosystems engineering, Synthetic biology, Metabolic engineering.

Honorary Fellow

Ramesh Narayan, Harvard University, Cambridge, USA