

Indian Academy of Sciences elects new Fellows – 2015

Javed N. Agrewala, CSIR-Institute of Microbial Technology, Chandigarh
Area: Immunology, vaccine, drug discovery.

A. C. Anil, CSIR-National Institute of Oceanography, Goa
Area: Biological oceanography, marine ecology, marine biology.

Siva R. Athreya, Indian Statistical Institute, Bangalore
Area: Probability theory.

Arindam Banerjee, Indian Association for the Cultivation of Science, Kolkata
Area: Molecular assembly, soft materials and hybrid nanomaterials, bio-organic chemistry.

Sharmila A. Bapat, National Centre for Cell Science, Pune
Area: Cancer stem cells, epithelial-mesenchymal transitions.

Nita Bhandari, Society for Applied Studies, New Delhi
Area: Nutrition-infection interaction, child health, nutritional interventions, clinical evaluation of vaccine.

Alok Bhattacharya, Jawaharlal Nehru University, New Delhi
Area: Molecular parasitology, computational genomics.

Gautam Bhattacharyya, Saha Institute of Nuclear Physics, Kolkata
Area: Particle physics phenomenology.

Soumen Chakrabarti, Indian Institute of Technology, Mumbai
Area: Web search and mining, graph information retrieval.

Tapas Chakraborty, Indian Association for the Cultivation of Science, Kolkata
Area: Vibrational and electronic spectroscopy, cold molecules and clusters, mass spectroscopy.

A. Chockalingam, Indian Institute of Science, Bangalore
Area: Wireless communications, wireless networking.

Shantanu Chowdhury, CSIR-Institute of Genomics and Integrative Biology, Delhi
Area: Structural and molecular biology, genomics.

Pallab Dasgupta, Indian Institute of Technology, Kharagpur
Area: Electronic design automation, artificial intelligence, formal methods.

Debabrata Dash, Banaras Hindu University, Varanasi
Area: Cell biology, signal transduction, nanobiotechnology.

Anuradha Dube, CSIR-Central Drug Research Institute, Lucknow
Area: Parasite (Leishmania), immunobiology, drug discovery, model development.

Arindam Ghosh, Indian Institute of Science, Bangalore
Area: Experimental condensed matter physics, semiconductor physics, nano-device technology.

Debashish Goswami, Indian Statistical Institute, Kolkata
Area: Noncommutative geometry, quantum groups, operator algebra.

Rama Kant, University of Delhi, Delhi
Area: Complex systems in electrochemistry and polymers, theoretical chemistry, nanoelectrochemistry.

Avinash Khare, University of Delhi, Delhi
Area: Plasma physics, statistical mechanics, critical phenomena, plasma astrophysics.

Anjan Kundu, Saha Institute of Nuclear Physics, Kolkata
Area: Theoretical and mathematical physics, nonlinear classical and quantum integrable systems, field models with topological charges.

Gobinda Majumder, Tata Institute of Fundamental Research, Mumbai
Area: Calorimeter, B-physics and CP-violation, electroweak physics at collider.

D. K. Ojha, Tata Institute of Fundamental Research, Mumbai
Area: Star formation and interstellar medium, infrared astronomy, astronomical instrumentation.

Tanmaya Pathak, Indian Institute of Technology, Kharagpur
Area: Synthetic organic chemistry, nucleoside and carbohydrate modification, enzyme inhibition.

A. R. Podile, University of Hyderabad, Hyderabad
Area: Molecular plant microbe interactions, microbial biotechnology.

B. L. V. Prasad, CSIR-National Chemical Laboratory, Pune
Area: Materials chemistry, self-assembly, nanoparticle synthesis.

K. R. Prasad, Indian Institute of Science, Bangalore
Area: Organic synthesis, total synthesis of natural products.

M. Ravikanth, Indian Institute of Technology, Mumbai
Area: Supramolecular chemistry, coordination chemistry, photochemistry.

N. Ravishankar, Indian Institute of Science, Bangalore
Area: Nanomaterials, electron microscopy, energy applications.

V. V. S. S. Sarma, CSIR-National Institute of Oceanography, Visakhapatnam
Area: Biogeochemistry, stable isotopes, remote sensing.

K. Thangaraj, CSIR-Centre for Cellular and Molecular Biology, Hyderabad
Area: Population genetics, evolutionary biology, clinical and medical genetics, ancient DNA and forensic genetics.

Kaushal Verma, Indian Institute of Science, Bangalore
Area: Complex analysis.

Honorary Fellow

Andre K. Geim, University of Manchester, Manchester, UK