Indian Academy of Sciences elects new Fellows – 2009

E. Arunan, Indian Institute of Science, Bangalore
Area: Molecular and van der Waals spectroscopy; chemical kinetics and dynamics; hydrogen bonding and other molecular interactions.

Hemalatha Balaram, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Area: Biochemistry; molecular enzymology and parasitology.

Gufran-Ullah Beig, Indian Institute of Tropical Meteorology, Pune
Area: Atmospheric sciences: global change and atmospheric environment.

Anil Bhardwaj, Vikram Sarabhai Space Centre, Thiruvananthapuram
Area: Planetary and space sciences; multi-wavelength observations.

Renee M. Borges, Indian Institute of Science, Bangalore
Area: Evolutionary biology and behavioural ecology.

Sudip Chattopadhyay, National Centre for Plant Genome Research, New Delhi
Area: Developmental biology; signal transduction.

Chetan E. Chitnis, International Centre for Genetic Engineering and Biotechnology, New Delhi
Area: Molecular parasitology; vaccine development; molecular and cell biology.

Saumitra Das, Indian Institute of Science, Bangalore
Area: Molecular virology; molecular and cell biology.

Basudeb Datta, Indian Institute of Science, Bangalore
Area: Combinatorial geometry and topology; differential geometry.

Dilip D. Dhavale, University of Pune, Pune
Area: Synthesis of natural products; carbohydrate chemistry.

Aswini Ghosh, Indian Association for the Cultivation of Science, Kolkata
Area: Condensed matter and materials physics; disorder and nano materials.

Rajesh Gopakumar, Harish Chandra Research Institute, Allahabad
Area: Quantum field theory and string theory.

Ajit K. Kembhavi, Inter-University Centre for Astronomy and Astrophysics, Pune
Area: Astronomy; astrophysics; gravitation theory.

Rentala Madhubala, Jawaharlal Nehru University, New Delhi
Area: Molecular parasitology.

A. C. Mishra, National Institute of Virology, Pune
Area: Epidemiology of viral infections; zoonotic disease diagnostics and vaccine development.

B. Srinivasa Murty, Indian Institute of Technology, Chennai
Area: Nanocrystalline metals; ceramics and nanocomposites; non-equilibrium processing.

R. Murugavel, Indian Institute of Technology, Mumbai
Area: Inorganic and organometallic chemistry.

Arun Kumar Nandi, Indian Association for the Cultivation of Science, Kolkata
Area: Polymer crystallization and gelation; polymer nanocomposites; supramolecular polymers.

Yadati Narahari, Indian Institute of Science, Bangalore
Area: Game theory; mechanism design; electronic commerce internet; network economics.

S. Natarajan, Indian Institute of Science, Bangalore
Area: Inorganic materials chemistry; solid state chemistry.

Soniya Nityanand, Sanjay Gandhi PG Institute of Medical Sciences, Lucknow
Area: Medicine; immunology; hematology.

A. J. Parameswaran, Tata Institute of Fundamental Research, Mumbai
Area: Algebraic geometry: singularity theory; vector bundles.

T. Pradeep, Indian Institute of Technology, Madras, Chennai
Area: Molecular and nanoscale materials; nanoscience and nanotechnology.

G. P. S. Raghava, Institute of Microbial Technology, Chandigarh
Area: Bioinformatics: genome annotation; searching drug targets and subunit vaccine design.

V. Ramgopal Rao, Indian Institute of Technology, Mumbai
Area: Nanoelectronics; nanotechnology.

Saurabh D. Rindani, Physical Research Laboratory, Ahmedabad
Area: Particle physics.

Rajendra P. Roy, National Institute of Immunology, New Delhi
Area: Synthetic protein chemistry; biological chemistry.

Parag P. Sadhale, Indian Institute of Science, Bangalore
Area: Molecular biology; transcriptional regulation in eukaryotes.

S. Sampath, Indian Institute of Science, Bangalore
Area: Interfacial electrochemistry; nanostructured materials.

Srikanth Sastry, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Area: Physics; statistical mechanics.

Narendra Tuteja, International Centre for Genetic Engineering and Biotechnology, New Delhi
Area: Molecular biology; DNA replication; signal transduction; tissue culture and plant transformation.

P. N. Vinayachandran, Indian Institute of Science, Bangalore
Area: Physical oceanography; ocean modelling; physical–biological interactions in the ocean.