Indian Academy of Sciences elects new Fellows – 1998

Samit Adhya, Indian Institute of Chemical Biology, Calcutta
Area: Molecular genetics of parasites, Intracellular RNA trafficking, DNA diagnostics.

H. M. Antia, Astrophysics Group, Tata Institute of Fundamental Research, Mumbai

M. Dileep Kumar, Chemical Oceanography Division, National Institute of Oceanography, Goa
Area: Biogeochemical cycles in oceans, Chemical speciation in natural waters, Control of sea water composition.

S. K. Gupta, Gamete Antigen Laboratory, National Institute of Immunology, New Delhi
Area: Immunology/Reproductive Immunology, Reproductive Biology/Immunoocontraception, Immuno-diagnostics

D. G. Kanhere, Department of Physics, University of Pune, Pune
Area: Condensed matter theory, Computational physics, Density functional theory.

V. Kumaran, Department of Chemical Engineering, Indian Institute of Science, Bangalore
Area: Hydrodynamic stability, Dynamics of complex fluids, Granular flows.

M. K. Mishra, Department of Chemistry, Indian Institute of Technology, Mumbai
Area: Electronic structure theory, Photo/collisional dynamics, Photoelectron-chemistry.

Gadadhar Misra, Statistics and Mathematics Division, Indian Statistical Institute, Bangalore
Area: Operator theory, Operator spaces.

Anand Mohan, Department of Geology, Banaras Hindu University, Varanasi
Area: Metamorphic petrology, Mineralogy, Mathematical geology.

C. Mohan Rao, Centre for Cellular and Molecular Biology, Hyderabad
Area: Biophysical chemistry and molecular biology, Biomolecular spectroscopy, Molecular chaperone, protein folding in health and disease.

R. N. Mukherjee, Department of Chemistry, Indian Institute of Technology, Kanpur
Area: Inorganic chemistry, Bioinorganic chemistry.

V. Nagaraja, Centre for Genetic Engineering, Indian Institute of Science, Bangalore
Area: Protein–nucleic acid interaction, Molecular biology of mycobacteria, Regulation of gene expression.

G. Vijay Nair, Regional Research Laboratory, Thiruvananthapuram
Area: Synthetic organic chemistry, Heterocyclic chemistry, medicinal chemistry.

D. Narasimha Rao, Department of Biochemistry, Indian Institute of Science, Bangalore
Area: DNA–protein interaction, Restriction-modification enzymes, DNA methylation.

A. S. Raghavendra, Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad
Area: Plant physiology, Plant biochemistry

M. Sanjappa, Central National Herbarium, Botanical Survey of India, Howrah
Area:

Chitra Sarkar, Department of Pathology, All India Institute of Medical Sciences, New Delhi
Area: Neuropathology.

Ashutosh Sharma, Department of Chemical Engineering, Indian Institute of Technology, Kanpur
Area: Colloid and interface science, Thin films, wetting and nanostructures, Biosurfaces and membranes.

Somdatta Sinha, Centre for Cellular and Molecular Biology, Hyderabad
Area: Theoretical biology, Complex systems in biology, Nonlinear dynamics.

C. S. Sundar, Materials Science Division, Indira Gandhi Centre for Atomic Research, Kalpakkam
Area: Position annihilation spectroscopy, Dequets and electronic properties of materials, Fulleranes and carbon-based materials.

S. Vasudevan, Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore
Area: Physical chemistry of materials, Intercalation chemistry, Heterogeneous catalysis

Shyamal Yadava, TIFR Centre, IISc Campus, Bangalore
Area: Nonlinear differential equations.