

## 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

Area: Solar Physics, Helioseismology, Numerical Techniques.

**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/Immunocontraception, 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, Photoelectro-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: Positron annihilation spectroscopy, Defects and electronic properties of materials, Fullerenes 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

**Shyam Lal Yadava**, TIFR Centre, IISc Campus, Bangalore

Area: Nonlinear differential equations.