# Indian Academy of Sciences elects new Fellows – 2002

**Dipankar Bhattacharya**, Raman Research Institute, Bangalore.
Area: High energy astrophysics, neutron stars, and gamma ray bursts.

**Indranil Biswas**, Tata Institute of Fundamental Research, Mumbai.
Area: Algebraic geometry, differential geometry, and deformation quantization.

**Tushar K. Chakraborty**, Indian Institute of Chemical Technology, Hyderabad.
Area: Peptides and peptidomimetics, organic synthesis and bio-organic chemistry.

**V. Chandrasekhar**, Indian Institute of Technology, Kanpur.
Area: Inorganic chemistry, organometallic chemistry, inorganic rings and polymers and main-group chemistry.

**Probal Chaudhuri**, Indian Statistical Institute, Kolkata.
Area: Robust and nonparametric statistics, biostatistics and statistical computing.

**Pijush K. Das**, Indian Institute of Chemical Biology, Kolkata.
Area: Cell biology, membrane biochemistry, molecular parasitology and glycoconjugates.

**Rajiv V. Gavai**, Tata Institute of Fundamental Research, Mumbai.
Area: Lattice field theories, quark–gluon plasma and early universe phase transitions.

**Vikram Jayaram**, Indian Institute of Science, Bangalore.
Area: Ceramics, thin films and electron microscopy.

**Sharika N. Kaul**, University of Hyderabad, Hyderabad.
Area: Condensed matter physics, phase transitions and critical phenomena, magnetism, and magnetic materials.

**S. B. Krupanidhi**, Indian Institute of Science, Bangalore.
Area: Ferroelectrics, III-V semiconductors thin films, epitaxy, solid state devices and mems.

**S. Mahadevan**, Indian Institute of Science, Bangalore.
Area: Regulation of gene expression in bacteria, microbial physiology and microbial evolution.

**Shekhar C. Mande**, Centre for DNA Fingerprinting and Diagnostics, Hyderabad.
Area: Macromolecular crystallography, protein structure and function.

**U. K. Misra**, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow.
Area: Clinical neurology, neurophysiology and tropical neurology.

**J. Nagaraju**, Centre for DNA Fingerprinting and Diagnostics, Hyderabad.
Area: Molecular genetics and evolution, genetics of silkmoths and molecular marker genetics.

**R. Pitchappan**, Madurai Kamaraj University, Madurai.
Area: Human immunogenetics, immunology of infectious diseases, and human genomics.

**G. V. R. Prasad**, University of Jammu, Jammu.
Area: Vertebrate palaeontology & biostratigraphy, palaeoecology & palaeogeography and evolution of mesozoic mammals.

**V. Purnachandra Rao**, National Institute of Oceanography, Goa.
Area: Marine geology, authigenic minerals and palaeoclimate.

**A. Ramachandra Reddy**, University of Hyderabad, Hyderabad.
Area: Genetics, plant molecular genetics, and plant genomics.

**Varun Sahni**, Inter-University Centre for Astronomy and Astrophysics, Pune.
Area: General relativity and gravitation, quantum theory in curved space–time, and cosmology.

**Anunay Samanta**, University of Hyderabad, Hyderabad.
Area: Fluorescence spectroscopy, and photochemistry.

**Nimish A. Shah**, Tata Institute of Fundamental Research, Mumbai.
Area: Ergodic theory on homogeneous spaces of Lie groups, and its applications to number theory.

**Shobhona Sharma**, Tata Institute of Fundamental Research, Mumbai.
Area: Molecular parasitology, parasite immunology and parasite metabolism.

**Subrata Sinha**, All India Institute of Medical Sciences, New Delhi.
Area: Molecular oncology and immunology.

**G. Venkateswara Rao**, Vikram Sarabhai Space Centre, Thiruvananthapuram.
Area: Finite element methods, structural analysis (linear and nonlinear), and smart structures.