

## Indian Academy of Sciences elects new Fellows – 2006

**Soumitro Banerjee**, Indian Institute of Technology, Kharagpur  
Area: Nonlinear Dynamics, and Electrical Engineering.

**Amit Basak**, Indian Institute of Technology, Kharagpur  
Area: DNA-Interacting Agents, Asymmetric Synthesis and Enzymology.

**Joyoti Basu**, Bose Institute, Kolkata  
Area: Molecular Microbiology, Understanding Host–Pathogen Interactions and Membrane Biology.

**B. V. Rajarama Bhat**, Indian Statistical Institute, Bangalore  
Area: Quantum Probability, Operator Algebras and Operator Theory.

**G. S. Bhat**, Indian Institute of Science, Bangalore  
Area: Tropical Convection, Boundary Layer, and Field Studies.

**Samaresh Bhattacharya**, Jadavpur University, Kolkata  
Area: Inorganic Chemistry, Co-ordination Chemistry, and Organometallic Chemistry.

**Arup Bose**, Indian Statistical Institute, Kolkata  
Area: Probability and Statistics.

**Charusita Chakravarty**, Indian Institute of Technology, New Delhi  
Area: Chemical Physics, and Theoretical and Computational Chemistry.

**Kalyanmoy Deb**, Indian Institute of Technology Kanpur  
Area: Optimization and Design, Genetic Algorithms, and Multiobjective Optimization.

**Bhupendra N Dev**, Institute of Physics, Bhubaneswar  
Area: Surface and Nanoscale Physics, X-ray Physics, and Ion–Solid Interactions.

**Swarna Kanti Ghosh**, Tata Institute of Fundamental Research, Mumbai  
Area: Infrared Astronomy, Interstellar Medium, and Astronomical Instrumentation.

**T. N. Guru Row**, Indian Institute of Science, Bangalore  
Area: Chemical Crystallography, Intermolecular Interactions, and Polymorphism and Drug Design.

**Gaiti Hasan**, National Centre for Biological Sciences, Bangalore  
Area: Inositol Trisphosphate and Calcium Signalling in Neuronal Physiology.

**A. Jayaraman**, Physical Research Laboratory, Ahmedabad  
Area: Atmospheric Science, Aerosols, and Radiative Transfer.

**Jitendra P. Khurana**, University of Delhi South Campus, New Delhi  
Area: Photoperception and Signal Transduction in Plants, Structural and functional Genomics, and Plant Hormone Action.

**Gopal Chandra Kundu**, National Centre for Cell Science, Pune  
Area: Signal Transduction, Cancer Biology, and Regulation of Gene Expression.

**Hemanta K. Majumder**, Indian Institute of Chemical Biology, Kolkata  
Area: Biochemistry, Molecular Biology, and Parasitology.

**Chitra Mandal**, Indian Institute of Chemical Biology, Kolkata  
Area: Glycobiology, Immunobiology, and Glycoimmunology.

**Nibir Mandal**, Jadavpur University, Kolkata  
Area: Structural Geology, and Tectonics.

**Sanjay Puri**, Jawaharlal Nehru University, New Delhi  
Area: Statistical Physics, Condensed Matter Physics, and Nonlinear Dynamics.

**Ram Rajasekharan**, Indian Institute of Science, Bangalore  
Area: Biological Sciences, Lipid Metabolism, and Plant Biotechnology.

**B. S. Ramakrishna**, Christian Medical College & Hospital, Vellore  
Area: Gastroenterology/Medicine, Transport Physiology, and Cell Biology.

**S. Ramakrishnan**, Indian Institute of Science, Bangalore  
Area: Polymer Synthesis, Polymer folding and assembly, and Hyperbranched Polymers.

**Amitava Raychaudhuri**, Harish-Chandra Research Institute, Allahabad  
Area: Particle Physics.

**Surajit Sengupta**, S. N. Bose National Centre for Basic Sciences, Kolkata  
Area: Condensed Matter Physics, Statistical Mechanics, and Materials Science.

**Ramesh V. Sonti**, Centre for Cellular & Molecular Biology, Hyderabad  
Area: Plant–Microbe Interactions, Plant Genetics, and Bacterial Genetics.

**B. K. Thelma**, University of Delhi, New Delhi  
Area: Human Genetics, Pharmacogenetics, and Medical Genomics.

**Sandip P. Trivedi**, Tata Institute of Fundamental Research, Mumbai  
Area: String Theory, Particle Physics, and Quantum Field Theory.

**Sandhya S. Visweswariah**, Indian Institute of Science, Bangalore  
Area: Cell Biology, Protein Structure and Function and Biochemistry.