The Indian Academy of Sciences elects new Fellows – 1996

G. V. Anand, Department of Electrical Communication Engineering, Indian Institute of Science, Bangalore
Area: Nonlinear vibrations and waves, ocean acoustics and signal processing.

Kankan Bhattacharyya, Department of Physical Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Calcutta
Area: Ultra fast laser spectroscopy and organized assemblies.

Somnath Dasgupta, Department of Geological Sciences, Jadavpur University, Calcutta
Area: Metamorphic petrology, ore geology and precambrian geology.

D. Basavaiah, School of Chemistry, University of Hyderabad, Hyderabad
Area: Stereoselective organic synthesis, biotransformations and reaction mechanisms.

B. K. Chakrabarti, Saha Institute of Nuclear Physics, Calcutta
Area: Statistical physics, condensed matter physics and computational physics.

Kasturi Datta, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi
Area: Biochemistry, cellular and molecular biology.

S. V. Bhat, Department of Physics, Indian Institute of Science, Bangalore
Area: Condensed matter physics, solid state nuclear magnetic resonance and electron paramagnetic resonance.

V. S. Chauhan, International Centre for Genetic Engineering & Biotechnology, New Delhi
Area: Peptide synthesis and structure, malaria immunology and vaccine development.

Anil P. Gore, Department of Statistics, University of Poona, Pune
Area: Nonparametric inference and statistical ecology.

A. K. Grover, Solid State Physics Group, Tata Institute of Fundamental Research, Mumbai
Area: Magnetization and superconductivity, NMR applications to solids and vortex state studies in superconductors.

A. K. Mallik, Department of Mechanical Engineering, Indian Institute of Technology, Kanpur
Area: Vibration engineering, kinematics and dynamics of mechanics.

Surendra Prasad, Department of Electrical Engineering, Indian Institute of Technology, New Delhi
Area: Signal processing, communication theory and speech processing.

M. S. Hegde, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore
Area: Electron spectroscopy of molecules and solids, high temperature superconductivity, solid state chemistry and catalysis.

P. C. Pandey, Meteorology and Oceanography Division, Space Applications Centre, Ahmedabad
Area: Satellite meteorology, oceanography and atmospheric sciences.

A. Pramesh Rao, National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune
Area: Sun and solar wind, wave propagation in random media, aperture synthesis and radio imaging.

S. Jameel, Virology Group, International Centre for Genetic Engineering & Biotechnology, New Delhi
Area: Molecular biology and molecular virology.

Kapil H. Paranjape, The Institute of Mathematical Sciences, Chennai
Area: Algebraic geometry, topology and differential geometry.

S. Sarkar, Department of Chemistry, Indian Institute of Technology, Kanpur
Area: Inorganic chemistry, bioinorganic enzymology, metal duster and carbon-duster chemistry.

S. Thangavelu, Indian Statistical Institute, Bangalore
Area: Harmonic analysis and partial differential equations.

Jayant B. Udgaonkar, National Centre for Biological Sciences, Tata Institute of Fundamental Research, IISc campus, Bangalore
Area: Physical biochemistry and protein folding.

K. VijayRaghavan, National Centre for Biological Sciences, Tata Institute of Fundamental Research, IISc campus, Bangalore
Area: Developmental biology, genetics and neurogenetics.

Rakesh Tuli, National Botanical Research Institute, Lucknow
Area: Plant and microbial genetics, genetic engineering and molecular biology.

M. Vanninathan, Tata Institute of Fundamental Research, IISc campus, Bangalore
Area: Partial differential equations, numerical analysis, asymptotic analysis and homogenization.

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