



Indian Academy of Sciences

C.V. Raman Avenue, P.B. No. 8005, Bangalore 560 080

Academy Initiative in University Science Education

Summer Research Fellowships for Students and Teachers 2006

The Science Education Panel of the Academy offers several two-month Summer Fellowships to enable students/teachers to work with Fellows of the Academy during 2006. Attached is a list of Fellows who are willing to accept students/teachers for work on joint short-term projects.

Proposals are invited from interested students and teachers for these Fellowships. The proposal should include a brief resume of the applicant (see format), a one-page description of the planned activity, the Fellow with whom the applicant would like to work (please give names of two or three Fellows in order of interest) and the tentative dates of the visit as convenient to the applicant. The **plan of work** should clearly state the specific experiment or theory that the applicant would like to work on and NOT a general description of the area. Student applicants should include a recommendation letter from a teacher (in the enclosed form) familiar with their work, in a sealed envelope.

Completed proposals should reach the Academy office (The Executive Secretary, Indian Academy of Sciences, C.V. Raman Avenue, Post Box No. 8005, Sadashivanagar P. O., Bangalore 560 080) by **31 December 2005**. Information of selection along with concurrence of the Fellow will be despatched by **early March, 2006**.

The selected students/teachers will be provided appropriate round trip train fare and an honorarium to meet the boarding and lodging expenses at the place of work.

30 September 2005

Professor N. Mukunda
Chairman, Science Education Panel

Tel: 80-2361 4592, 80-2361 2546, Fax: 80-2361 6094, e-mail: sumfel06@ias.ernet.in
Website: <http://www.ias.ac.in/>

THIS IS ONLY A FORMAT. DO NOT FILL OR PHOTOCOPY THIS FORM. USE THIS FORMAT TO TYPE THE APPLICATION ON A SEPARATE SHEET.

Indian Academy of Sciences

C.V. Raman Avenue, P.B. No. 8005, Bangalore 560 080

Summer Research Fellowships 2006 Format of application

Category of the Applicant: Student <input type="checkbox"/> Teacher <input type="checkbox"/>	Broad area of Interest (tick one): Mathematics <input type="checkbox"/> Life Sciences <input type="checkbox"/> Physics <input type="checkbox"/> Engineering incl. Computer Sci. <input type="checkbox"/> Chemistry <input type="checkbox"/> Earth & Planet Sci. <input type="checkbox"/>
--	--

1. Name
2. Full postal address
3. Full home address (if different from col.2)
4. E-mail address
5. Date of birth
7. Education

6. Sex

Examination passed	Year passed	Institution/ place	Marks obtained in individual subjects	Percent total marks
(a) S.S.L.C.				
(b) XII / P.U.C. II year				
(c) Graduation (I, II, III years)	I II III			
(d) Post-graduation (I, II years)	I II			
(e) Ph.D.			Title of thesis	
(f) Others				

8. Career record (for teachers only), in chronological order
9. Training/projects undertaken, if any (give details)
10. Extra-curricular activities, if any
11. Any other information
12. Names of Fellows with whom the applicant would like to work (give at least three names in order of preference)
13. Suggested dates convenient for the applicant to work

Date: _____

Signature of the Applicant: _____

To be separately attached:

1. One-page description of the planned activity.
2. For student applicants: Letter of recommendation (in the enclosed format) from a teacher familiar with the work of the applicant to be sent to Academy in sealed envelope.
3. For teacher applicants: List of publications if available.

FORMAT FOR LETTER OF RECOMMENDATION

Indian Academy of Sciences

Summer Research Fellowships 2006

TO BE USED ONLY FOR STUDENT APPLICANTS*

Name of applicant _____ Name of teacher _____

Class studying _____ Title/Position _____

Broad discipline of _____ Institution _____
Interest

Sub-discipline _____

1. I know the applicant for ____ years as an undergraduate/graduate/postgraduate/others (Specify)

2. I know the applicant quite well fairly well not so well

Summary of evaluation (tick appropriate boxes)

	Outstanding (among top 5%)	High (5–10%)	Medium (10–20%)	Low (<20%)	Not known
a. General intelligence					
b. Breadth of scientific interest					
c. Knowledge of the discipline					
d. Communication/writing skills					

Applicant's strong qualities:

- 1.
- 2.
- 3.

Applicant's weaknesses:

- 1.
- 2.
- 3.

Date: _____

Signature of the Teacher: _____

* This should be filled and signed by the teacher, sealed in an envelope, and sent to the Academy along with the application, or sent separately by the teacher.

Additional comments on the applicant (please use additional sheet if necessary)

The abbreviations that follow the name and address of the Fellows are explained below:

1. **S** — Willing to accept students (undergraduate/graduate/postgraduate).
2. **T** — Willing to accept teachers (doctoral/post-doctoral).
3. **AA** — Accommodation may be available to the student/teacher (subject to confirmation).
4. **ANA** — Accommodation not available, and has to be taken care of by the student/teacher concerned.
5. The entry in brackets after the Fellow's name indicates the field of specialization of the Fellow.

LIST OF FELLOWS

1. **Adhya, Dr Samit** (sp. Molecular Genetics of Parasites and DNA Diagnostics), Indian Institute of Chemical Biology, Kolkata.
S, ANA.
2. **Adimurthi, Prof.** (sp. Nonlinear Differential Equations), TIFR Centre, Bangalore.
S, T, AA.
3. **Ali, Dr Sher** (sp. Molecular Genetics, Gene Expression & Genome Organisation and Genomics), National Institute of Immunology, New Delhi.
S, T, AA.
4. **Amritkar, Prof. R.E.** (sp. Nonlinear Phenomena, Chaos and Statistical Physics), Physical Research Laboratory, Ahmedabad.
S, T, AA.
5. **Anand, Prof. G.V.** (sp. Signal Processing, Ocean Acoustics and Nonlinear Dynamics), Indian Institute of Science, Bangalore.
S, T, AA.
6. **Anil Kumar, Prof.** (sp. Nuclear Magnetic Resonance Spectroscopy & its Applications to Biomolecules and Quantum Computing), Indian Institute of Science, Bangalore.
S, AA.
7. **Anil Kumar, Dr** (sp. Chemical Thermodynamics, Physical Organic Chemistry and Biophysical Chemistry), National Chemical Laboratory, Pune.
S, T, AA.
8. **Arora, Dr B.R.** (sp. Electromagnetic Geophysics, Seismotectonics and Geomagnetism), Wadia Institute of Himalayan Geology, Dehra Dun.
S, T, AA.
9. **Bagchi, Prof. Biman** (sp. Physical & Biophysical Chemistry and Statistical Mechanics), Indian Institute of Science, Bangalore.
S, T, AA.
10. **Balakrishnan, Prof. N.** (sp. Numerical Electromagnetics, Information Security, Polarimetric Radars and Aerospace Electronic Systems), Indian Institute of Science, Bangalore.
S, T, AA.

11. **Balaram, Prof. P.** (sp. Bio-Organic Chemistry and Molecular Biophysics), Indian Institute of Science, Bangalore.
S, T, AA.
12. **Banerjee, Dr Srikumar** (sp. Materials Science, Physical Metallurgy, Phase Transformations and Electron Microscopy), Bhabha Atomic Research Centre, Mumbai.
S, T, AA.
13. **Bansal, Prof. Manju** (sp. Structural Biology, Molecular Biophysics and Computational Biology), Indian Institute of Science, Bangalore.
S, AA.
14. **Basavaiah, Prof. D.** (sp. Organic Synthesis, Chiral Catalysis and Reaction Mechanisms), University of Hyderabad, Hyderabad.
S, T, AA.
15. **Bhakuni, Dr Vinod** (sp. Protein Folding & Stability and Molecular Biophysics), Central Drug Research Institute, Lucknow.
S, ANA.
16. **Bharadwaj, Prof. P.K.** (sp. Supramolecular Chemistry, Inorganic Chemistry and X-ray Crystallography), Indian Institute of Technology, Kanpur.
S, AA.
17. **Bhat, Prof. S.V.** (sp. Condensed Matter Physics, Solid State NMR and Electron Paramagnetic Resonance), Indian Institute of Science, Bangalore.
S, T, AA.
18. **Bhatia, Prof. R.** (sp. Analysis of Matrices and Operators in Hilbert Space), Indian Statistical Institute, New Delhi.
S, T, AA.
19. **Bhattacharjee, Prof. J.K.** (sp. Critical Phenomena, Turbulence and Nonlinear Dynamics), Indian Association for the Cultivation of Science, Kolkata.
S, T, AA.
20. **Bhattacharya, Prof. Dipankar** (sp. High Energy Astrophysics, Neutron Stars and Gamma Ray Bursts), Raman Research Institute, Bangalore.
S, T, AA.
21. **Bhattacharya, Prof. Samir** (sp. Reproductive Biology, Comparative Endocrinology and Molecular Signalling), Visva Bharati University, Santiniketan.
S, T, AA.
22. **Bhattacharya, Prof. Sudha** (sp. Molecular Biology, Molecular Parasitology and Genomics), Jawaharlal Nehru University, New Delhi.
S, T, ANA.
23. **Bhattacharyya, Prof. B.** (sp. Biophysical Chemistry, Biochemistry and Molecular Spectroscopy), Bose Institute, Kolkata.
S, AA.

24. **Bhattacharyya, Prof. Kankan** (sp. Ultrafast Laser Spectroscopy and Organized Assemblies), Indian Association for the Cultivation of Science, Kolkata.
S, AA.
25. **Bhattacharyya, Prof. S.P.** (sp. Quantum Chemistry), Indian Association for the Cultivation of Science, Kolkata.
S, T, AA.
26. **Bose, Prof. Indrani** (sp. Theoretical Condensed Matter Physics and Statistical Physics), Bose Institute, Kolkata.
S, AA.
27. **Brahmachari, Dr S.K.** (sp. Functional Genetics and Genome Informatics), Institute of Genomics and Integrative Biology, Delhi.
S, ANA.
28. **Budhani, Prof. R.C.** (sp. Experimental Condensed Matter Physics, Superconductivity and Magnetism), Indian Institute of Technology, Kanpur.
S, AA.
29. **Chaddah, Dr Praveen** (sp. Low Temperature Physics and Phase Transitions), UGC-DAE Consortium for Scientific Research, Indore.
S, AA.
30. **Chakrabarti, Prof. B.K.** (sp. Statistical Physics, Condensed Matter Physics and Computational Physics), Saha Institute of Nuclear Physics, Kolkata.
S, AA.
31. **Chakrabarti, Prof. P.P.** (sp. Artificial Intelligence, Computer Aided Design for VLSI and Algorithms), Indian Institute of Technology, Kharagpur.
S, T, ANA.
32. **Chakraborty, Dr T.K.** (sp. Peptides & Peptidomimetics, Organic Synthesis and Bio-organic Chemistry), Indian Institute of Chemical Technology, Hyderabad.
S, AA.
33. **Chakravarty, Prof. A.R.** (sp. Inorganic Chemistry), Indian Institute of Science, Bangalore.
S, T, AA.
34. **Chandra, Prof. Amalendu** (sp. Statistical Mechanics of Liquids & Interfaces, Classical & Quantum Simulations and Molecular Modelling), Indian Institute of Technology, Kanpur.
S, ANA.
35. **Chandrasekaran, Prof. S.** (sp. Synthetic Organic Chemistry, Natural Products and Organometallic Chemistry), Indian Institute of Science, Bangalore.
S, AA.
36. **Chandrashekar, Dr T.K.** (sp. Bio-inorganic Chemistry, Synthetic Inorganic Chemistry and Catalysis), Regional Research Laboratory, Thiruvananthapuram.
S, T, ANA.
37. **Chandrashekar, Prof. M.K.** (sp. Chronobiology and Animal Behaviour), Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
S, AA.

38. **Chattaraj, Prof. P.K.** (sp. Density of Functional Theory, Quantum Chaos and *ab-initio* Calculations), Indian Institute of Technology, Kharagpur.
S, T, ANA.
39. **Chatterji, Prof. D.** (sp. Molecular Biology, Biophysical Chemistry and Biomolecular Spectroscopy), Indian Institute of Science, Bangalore.
S, AA.
40. **Chattopadhyay, Dr Dhruvajyoti** (sp. Transcription, Molecular Urology and Molecular Virology), University of Calcutta, Kolkata.
S, ANA.
41. **Chattopadhyay, Prof. K.** (sp. Physical Metallurgy and Materials Science & Engineering), Indian Institute of Science, Bangalore.
S, T, AA.
42. **Chaturvedi, Prof. Subhash** (sp. Stochastic Processes, Quantum Optics and Statistical Mechanics), University of Hyderabad, Hyderabad.
S, T, AA.
43. **Chaudhuri, Prof. M.K.** (sp. Inorganic Chemistry: Synthesis, Structure & Reactivity, Newer Reagents and Methodologies), Indian Institute of Technology, Guwahati.
S, AA.
44. **Chaudhuri, Prof. Subhasis** (sp. Computer Vision and Image Processing), Indian Institute of Technology, Mumbai.
S, T, AA.
45. **Das, Dr B.C.** (sp. Molecular Biology of Cancer, Molecular Virology and Human Genetics), Institute of Cytology and Preventive Oncology, Noida.
S, T, AA.
46. **Das, Dr Pijush K.** (sp. Cell Biology, Membrane Biochemistry, Molecular Parasitology and Glycoconjugates), Indian Institute of Chemical Biology, Kolkata.
S, AA.
47. **Das, Prof. S.P.** (sp. Condensed Matter Theory, Statistical Physics and Complex Systems), Jawaharlal Nehru University, New Delhi.
S, ANA.
48. **Das, Dr Suresh** (sp. Photochemistry, Photoresponsive Liquid Crystals, Photosensitizing Dyes and Photo-induced Electron Transfer), Regional Research Laboratory, Thiruvananthapuram.
S, T, AA.
49. **Dasgupta, Dr C.** (sp. Theoretical Condensed Matter Physics, Statistical Physics and Neural Network Modelling), Indian Institute of Science, Bangalore.
S, AA.
50. **Dattagupta, Prof. S.** (sp. Condensed Matter Physics and Non-Equilibrium Statistical Mechanics), SN Bose National Centre for Basic Sciences, Kolkata.
S, AA.

51. **Deb, Prof. B.M.** (sp. Theoretical Chemistry and Chemical Physics), SN Bose National Centre for Basic Sciences, Kolkata.
S, T, AA.
52. **Dharmalingam, Prof. K.** (sp. Molecular Genetics, Genetic Engineering and Biotechnology), Madurai Kamaraj University, Madurai.
S, AA.
53. **Dikshit, Dr Madhu** (sp. Biochemical Pharmacology), Central Drug Research Institute, Lucknow.
S, T, ANA.
54. **Easwaran, Prof. K.R.K.** (sp. Structural Biology, Membrane Biophysics and Molecular Biophysics), Indian Institute of Science, Bangalore.
S, T, AA.
55. **Gadagkar, Prof. R.** (sp. Animal Behaviour, Ecology and Evolution), Indian Institute of Science, Bangalore.
S, AA.
56. **Gadgil, Prof. Madhav D.** (sp. Ecology, Sociobiology and Environmental Management), Indian Institute of Science, Bangalore.
T, AA.
57. **Gadre, Prof. S.R.** (sp. Quantum Chemistry and Computer Applications), University of Pune, Pune.
S, T, AA.
58. **Ganeshiah, Prof. K.N.** (sp. Plant Evolutionary Biology, Plant Genetics & Breeding and Conservation Biology), University of Agricultural Sciences, Bangalore.
S, AA.
59. **Gaur, Prof. V.K.** (sp. Seismo-Tectonics, Geophysical Inversion and Earth System Sciences), Indian Institute of Astrophysics, Bangalore.
S, AA.
60. **Gavai, Prof. Rajiv V.** (sp. Lattice Field Theories, Quark-Gluon Plasma and Early Universe Phase Transitions), Tata Institute of Fundamental Research, Mumbai.
S, T, AA.
61. **Ghosh, Prof. Mrinal K.** (sp. Stochastic Control, Stochastic Differential Games and Stochastic Finance), Indian Institute of Science, Bangalore.
S, T, AA.
62. **Ghosh, Dr Swapan K.** (sp. Theoretical Chemistry, Computational Materials Science and Soft Condensed Matter Physics), Bhabha Atomic Research Centre, Mumbai.
S, T, AA.
63. **Godbole, Prof. Rohini M.** (sp. Elementary Particle Physics, Field Theory and Phenomenology), Indian Institute of Science, Bangalore.
S, T, AA.

64. **Godwal, Dr B.K.** (sp. High Pressure Physics, Electron States and Dense Plasma Physics), Bhabha Atomic Research Centre, Mumbai.
S, T, AA.
65. **Gopal Krishna, Prof.** (sp. Radio Astronomy), National Center for Radio Astrophysics, Pune.
S, AA.
66. **Gopinathan, Prof. M.S.** (sp. Quantum Chemistry and Nonlinear Dynamics in Chemistry & Biology), Indian Institute of Technology, Chennai.
S, T, AA.
67. **Goswami, Dr Sreebrata** (sp. Inorganic Chemistry, Chemical Reactions with Metal Mediation and Polymetallic Systems), Indian Association for the Cultivation of Science, Kolkata.
S, T, ANA.
68. **Gowrishankar, Dr J.** (sp. Microbial & Molecular Genetics), Centre for DNA Fingerprinting and Diagnostics, Hyderabad.
S, T, AA.
69. **Gupta, Prof. Alok K.** (sp. Experimental Petrology, Mineralogy and Geochemistry), University of Allahabad, Allahabad.
S, AA.
70. **Gupta, Prof. Santosh K.** (sp. Chemical Engineering), Indian Institute of Technology, Kanpur.
S, AA.
71. **Gurjar, Dr M.K.** (sp. Organic Chemistry, Carbohydrate Chemistry and Synthetic Organic Chemistry), National Chemical Laboratory, Pune.
S, AA.
72. **Hasnain, Dr S.E.** (sp. Molecular Biology & Genetics, Gene Expression and Molecular Pathogenesis), Centre for DNA Fingerprinting and Diagnostics, Hyderabad.
S, T, AA.
73. **Hegde, Prof. M.S.** (sp. Electron Spectroscopy of Molecules & Solids, High Temperature Superconductivity, Thin Films, Solid State Chemistry and Catalysis), Indian Institute of Science, Bangalore.
S, T, AA.
74. **Hosur, Prof. R.V.** (sp. Biomolecular Conformation, NMR Spectroscopy, Nucleic Acid-Protein Interaction, Protein Folding and Structural Biology), Tata Institute of Fundamental Research, Mumbai.
S, AA.
75. **Iqbal, Dr Javed** (sp. Medicinal Chemistry, Drug Design & Discovery, Organometallic Chemistry and Catalysis), Dr Reddy's Laboratories, Hyderabad.
S, T, AA.
76. **Jacob, Prof. K.T.** (sp. Thermodynamics of Materials, Phase Equilibria and Corrosion & Chemical Processing at High Temperatures), Indian Institute of Science, Bangalore.
S, AA.

77. **Jagannathan, Dr N.R.** (sp. MR Imaging & in-vivo MR Spectroscopy in Living Systems and Structure & Conformation of Biomolecules), All India Institute of Medical Sciences, New Delhi.
S, T, ANA.
78. **Jemmis, Prof. E.D.** (sp. Theoretical & Computational Chemistry), Indian Institute of Science, Bangalore.
S, AA.
79. **Joseph, Prof. K.T.** (sp. Hyperbolic Systems of Conservation Laws, Boundary Layers and Parabolic Partial Differential Equations), Tata Institute of Fundamental Research, Mumbai.
S, T, ANA.
80. **Joshi, Prof. Amitabh** (sp. Population & Quantitative Genetics, Evolutionary Genetics and Population Ecology), Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
S, AA.
81. **Joshi, Prof. A.S.** (sp. Theoretical High Energy Physics), Physical Research Laboratory, Ahmedabad.
S, AA.
82. **Kailas, Dr S.** (sp. Nuclear Physics), Bhabha Atomic Research Centre, Mumbai.
S, T, AA.
83. **Kanhere, Prof. D.G.** (sp. Condensed Matter Theory and Computational Physics), University of Pune, Pune.
S, ANA.
84. **Kannan, Prof. V.** (sp. Analysis and Topology), University of Hyderabad, Hyderabad.
S, T, ANA.
85. **Kaul, Prof. R.K.** (sp. Particle Physics, Quantum Field Theory and Quantum Gravity), The Institute of Mathematical Sciences, Chennai.
S, T, AA.
86. **Kaw, Prof. P.K.** (sp. Plasma Physics), Institute for Plasma Research, Gandhinagar.
S, T, AA.
87. **Khakhar, Prof. D.V.** (sp. Rod-like Polymer Reactions, Polyurethanes and Granular Mixing), Indian Institute of Technology, Mumbai.
S, T, AA.
88. **Krishnamurthy, Prof. S.S.** (sp. Main Group Chemistry and Organometallic Chemistry), Indian Institute of Science, Bangalore.
S, AA.
89. **Krupanidhi, Prof. S.B.** (sp. Ferroelectrics, III-V Semiconductors, Thin Films, Exitaxy, Solid State Devices and MEMS), Indian Institute of Science, Bangalore.
S, T, AA.
90. **Kulkarni, Dr B.D.** (sp. Chemical Reaction Engineering and Mathematical Modelling & Simulation), National Chemical Laboratory, Pune.
S, T, AA.

91. **Kulkarni, Prof. Sulabha K.** (sp. Surface Physics, Materials Science and Nanoscience), University of Pune, Pune.
S, T, AA.
92. **Kumar, Prof. M. Udaya** (sp. Molecular Basis of Stress Resistance, Physiology of Water Use Efficiency in Plants and Canopy Photosynthesis), University of Agricultural Sciences, Bangalore.
S, T, AA.
93. **Kumar, Prof. N.** (sp. Condensed Matter Physics, Stochastic Transport Processes & Statistical Physics, High Temperature Superconductivity and Localization in Disordered Systems), Raman Research Institute, Bangalore.
S, T, AA.
94. **Kumara Swamy, Prof. K.C.** (sp. Chemistry of Main Group Elements and Organophosphorus Chemistry), University of Hyderabad, Hyderabad.
S, AA.
95. **Lahiri, Prof. Goutam K.** (sp. Inorganic Chemistry, Organometallic Chemistry and Catalysis), Indian Institute of Technology, Mumbai.
S, AA.
96. **Lahiri Majumder, Prof. A.N.** (sp. Plant Biochemistry and Molecular Biology), Bose Institute, Kolkata.
S, AA.
97. **Lakhotia, Prof. S.C.** (sp. Cytogenetics, Gene Expression and Molecular Biology), Banaras Hindu University, Varanasi.
S, AA
98. **Lakshmanan, Prof. M.** (sp. Nonlinear Dynamics, Theoretical Physics and Mathematical Physics), Bharathidasan University, Tiruchirapalli.
S, T, AA
99. **Lal, Prof. Shyam** (sp. Ozone & Trace Gases for Atmospheric Processes and Environmental & Climatic Changes), Physical Research Laboratory, Ahmedabad.
S, AA.
100. **Madhusudana, Prof. N.V.** (sp. Liquid Crystals), Raman Research Institute, Bangalore.
S, T, AA.
101. **Mahadevan, Prof. S.** (sp. Regulation of Gene Expression in Bacteria, Microbial Physiology and Microbial Evolution), Indian Institute of Science, Bangalore.
S, T, AA.
102. **Maharana, Dr J.** (sp. String Theory, Field Theory and Quantum Gravity), Institute of Physics, Bhubaneswar.
S, AA.
103. **Maitra, Prof. Uday** (sp. Supramolecular Chemistry of Bile Acids, Synthesis & Properties of Bile Acid Analogs and Organo & Hydrogels), Indian Institute of Science, Bangalore.
S, T, AA.

104. **Majumder, Prof. Partha P.** (sp. Biostatistics, Human Genetics and Population Genetics), Indian Statistical Institute, Kolkata.
S, ANA.
105. **Mallik, Prof. A.K.** (sp. Vibration Engineering, Kinematics and Dynamics of Machines), Indian Institute of Technology, Kanpur.
S, AA.
106. **Mandal, Dr A.B.** (sp. Physical & Biophysical Chemistry and Organised Self-Assemblies (Micelles, Reverse Micelles, Monolayer Aspects)), Central Leather Research Institute, Chennai.
S, T, AA.
107. **Mande, Dr Shekhar C.** (sp. Macromolecular Crystallography and Protein Structure & Function), Centre for DNA Fingerprinting and Diagnostics, Hyderabad.
S, T, AA.
108. **Manoharan, Prof. P.T.** (sp. Physical Inorganic & Bioinorganic Chemistry and Spectroscopy), Indian Institute of Technology, Chennai.
S, T, AA.
109. **Mathur, Prof. Pradeep** (sp. Organometallic Chemistry and Cluster Chemistry), Indian Institute of Technology, Mumbai.
S, T, AA.
110. **Misra, Prof. Gadadhar** (sp. Operator Theory and Operator Spaces), Indian Statistical Institute, Bangalore.
S, T, AA.
111. **Mohan Rao, Dr Ch.** (sp. Biophysical Chemistry & Molecular Biology and Biomolecular Spectroscopy), Centre for Cellular & Molecular Biology, Hyderabad.
S, T, ANA.
112. **Mukhi, Prof. Sunil** (sp. String Theory, Quantum Field Theory and Supersymmetry), Tata Institute of Fundamental Research, Mumbai.
S, T, AA.
113. **Muniyappa, Prof. K.** (sp. Molecular Genetics, Genetic Recombination and Chromosome Structure), Indian Institute of Science, Bangalore.
S, T, AA.
114. **Muralidhar, Prof. K.** (sp. Biochemistry, Endocrinology and Reproductive Biology), University of Delhi, Delhi.
S, T, ANA.
115. **Murthy, Prof. M.R.N.** (sp. Macromolecular Crystallography, Virus Structure & Assembly, X-ray Diffraction, Protein Structure and Evolution), Indian Institute of Science, Bangalore.
S, AA.
116. **Murthy, Prof. M.V.N.** (sp. Particle Physics, Phenomenology, Quantum Statistics and Semiclassical Methods), The Institute of Mathematical Sciences, Chennai.
S, T, AA.

117. **Murty, Prof. S.V.S.** (sp. Early Solar System & Pre-Solar Processes, Cosmochemistry of Nitrogen & Noble Gases and Mass Spectrometry), Physical Research Laboratory, Ahmedabad.
S, T, AA.
118. **Murty, Dr T.G.K.** (sp. Optical Engineering, Thin Film Technology and Electro-Optical Instrumentation), Indian Satellite Research Organisation, Bangalore.
S, AA.
119. **Nagaraja, Prof. V.** (sp. Protein-Nucleic Acid Interactions, Restriction-Modification Systems, Molecular Biology of Mycobacteria and Regulation of Gene Expression), Indian Institute of Science, Bangalore.
S, AA.
120. **Nagaraju, Dr J.** (sp. Molecular Genetics & Evolution, Genetics of Silkworms and Molecular Marker Genetics), Centre for DNA Fingerprinting & Diagnostics, Hyderabad.
S, T, AA.
121. **Nageswara Rao, Dr G.** (sp. Cornea, Community Eye Health and Eye Care Policy & Planning), LV Prasad Eye Institute, Hyderabad.
S, T, AA.
122. **Nanjundiah, Prof. V.** (sp. Developmental Biology, Theoretical Biology and Evolution), Indian Institute of Science, Bangalore.
S, AA.
123. **Naqvi, Dr S.W.A.** (sp. Chemical Oceanography, Palaeo-Oceanography and Global Change), National Institute of Oceanography, Dona Paula.
S, AA.
124. **Narendran, Prof. T.C.** (sp. Systematic Entomology, Parasitic Hymenoptera & Biocontrol and Chalcidology), University of Calicut, Calicut.
S, T, AA.
125. **Natarajan, Prof. K.A.** (sp. Mineral Processing, Hydrometallurgy and Biomineral Technology), Indian Institute of Science, Bangalore.
S, AA.
126. **Natarajan, Prof. P.** (sp. Inorganic Photochemistry, Laser Flash Photolysis and Chemical Conversion of Solar Energy), University of Madras, Chennai.
S, AA.
127. **Pal, Prof. S.K.** (sp. Pattern Recognition & Machine Learning, Image Processing, Soft Computing and Neural Networks), Indian Statistical Institute, Kolkata.
S, ANA.
128. **Pal, Dr Sourav** (sp. Electronic Structure Theory and *Ab-initio* Quantum Chemistry), National Chemical Laboratory, Pune.
S, AA.
129. **Palaniandavar, Prof. M.** (sp. Bioinorganic Chemistry and Activation of Molecular Oxygen), Bharathidasan University, Tiruchirapalli.
S, AA.

130. **Pandita, Prof. P.N.** (sp. Theoretical High Energy Physics and Astroparticle Physics), North-Eastern Hill University, Shillong.
T, ANA.
131. **Paranjape, Prof. K.H.** (sp. Algebraic Geometry, Topology and Differential Geometry), The Institute of Mathematical Sciences, Chennai.
S, T, AA.
132. **Pathak, Prof. K.N.** (sp. Condensed Matter Physics and Liquid State Dynamics), Panjab University, Chandigarh.
S, T, AA.
133. **Patnaik, Prof. L.M.** (sp. Computer Science & Engineering, Information Technology and Electronics), Indian Institute of Science, Bangalore.
T, AA.
134. **Pental, Prof. Deepak** (sp. Transgenic Crops and Breeding of Oilseed Mustard), University of Delhi South Campus, New Delhi.
S, ANA.
135. **Periasamy, Prof. N.** (sp. Fluorescence Spectroscopy & Applications, Laser Chemistry & Physical Chemistry and Materials Chemistry), Tata Institute of Fundamental Research, Mumbai.
T, ANA.
136. **Pillai, Dr M. Radhakrishna** (sp. Tumor Biology, Molecular Biology and Drug Development), Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram.
S, T, ANA.
137. **Pitchappan, Prof. R.M.** (sp. Human Immunogenetics, Immunology of Infectious Diseases and Human Genomics), Madurai Kamaraj University, Madurai.
T, AA.
138. **Prakash, Dr V.** (sp. Physical Biochemistry, Chemistry of Macromolecules, Biophysics of Enzymes and Thermodynamics), Central Food Technological Research Institute, Mysore.
S, AA.
139. **Prasad, Prof. Dipendra** (sp. Automorphic Forms and Number Theory), Tata Institute of Fundamental Research, Mumbai.
S, AA.
140. **Prasad, Prof. Phoolan** (sp. Theory of Wave-Propagation, Partial Differential Equations and Fluid Mechanics), Indian Institute of Science, Bangalore.
S, T, AA
141. **Prasad, Prof. Rajendra** (sp. Membrane Biology, Yeast Genetics & Molecular Biology and Medical Mycology), Jawaharlal Nehru University, New Delhi.
S, T, ANA.
142. **Purnachandra Rao, Dr V.** (sp. Marine Geology, Authigenic Minerals and Palaeoclimate), National Institute of Oceanography, Dona Paula.
S, T, AA.

143. **Radhakrishna, Dr T.** (sp. Geochemistry & Igneous Petrology, Palaeomagnetism and Geodynamics), Centre for Earth Science Studies, Thiruvananthapuram.
S, T, AA.
144. **Radhakrishnan, Prof. T.P.** (sp. Materials Chemistry and Computational Chemistry), University of Hyderabad, Hyderabad.
S, T, AA.
145. **Raghavendra, Prof. A.S.** (sp. Plant Molecular Physiology and Plant Biochemistry), University of Hyderabad, Hyderabad.
S, AA.
146. **Raghunathan, Prof. V.A.** (sp. Soft Matter Physics and Scattering Techniques), Raman Research Institute, Bangalore.
S, AA.
147. **Rai, Dr S.S.** (sp. Geophysical Exploration, Seismology and Tectonics), National Geophysical Research Institute, Hyderabad.
S, AA.
148. **Rai Choudhuri, Prof. Arnab** (sp. Theoretical Astrophysics, Magnetohydrodynamics and Solar Physics), Indian Institute of Science, Bangalore.
S, AA.
149. **Rai Choudhury, Prof. S.** (sp. Particle Physics), University of Delhi, Delhi.
S, ANA.
150. **Ram Sagar, Dr** (sp. Astronomy & Astrophysics and High Energy Physics), Aryabhata Research Institute of Observational Sciences, Nainital.
S, T, AA.
151. **Ramaraj, Dr R.** (sp. Photoelectrocatalysis & Chemically Modified Electrodes, Interfacial Electron Transfer Reactions and Nanomaterials), Madurai Kamaraj University, Madurai.
S, T, AA.
152. **Ramasami, Dr T.** (sp. Physical Inorganic Chemistry, Bio-Inorganic Chemistry and Leather Science & Technology), Central Leather Research Institute, Chennai.
S, AA.
153. **Ramasesha, Prof. S.** (sp. Many-Body Quantum Chemistry, Organic Solids, Molecular Electronics, Molecular Magnetism and Nonlinear Optics), Indian Institute of Science, Bangalore.
S, AA.
154. **Ramaswamy, Prof. R.** (sp. Chemical Dynamics and Nonlinear Dynamics), Jawaharlal Nehru University, New Delhi.
S, T, ANA.
155. **Ramdorai, Prof. Sujatha** (sp. Algebra, Quadratic Forms, Number Theory and Iwasawa Theory), Tata Institute of Fundamental Research, Mumbai.
S, T, AA.
156. **Ramesh, Prof. R.** (sp. Palaeoclimatology, Climate Modelling and Mass Spectrometry), Physical Research Laboratory, Ahmedabad.
S, T, ANA.

157. **Ranganath, Prof. H.A.** (sp. Zoology, Genetics and Evolution), University of Mysore, Mysore.
S, AA.
158. **Ranu, Prof. B.C.** (sp. Green Chemistry, Indium-mediated Reactions and Organic Synthesis), Indian Association for the Cultivation of Science, Kolkata.
S, ANA.
159. **Rao, Prof. A.J.** (sp. Regulation of Placental Function, Biochemistry of Placental Proteins Differentiation of Endocrine Tissues and Primate Biology), Indian Institute of Science, Bangalore.
S, T, AA.
160. **Rao, Dr D. Narasimha** (sp. Protein-DNA Interactions), Indian Institute of Science, Bangalore.
S, T, AA.
161. **Rao, Prof. K. Kesava** (sp. Granular Flow, Defluoridation of Drinking Water and Demonstration Experiments in Chemical Engineering), Indian Institute of Science, Bangalore.
S, T, AA.
162. **Rao, Prof. P. Ramachandra** (sp. Physical Metallurgy, Materials Science and Alloy Development), Institute of Armament Technology, Pune.
S, AA.
163. **Rao, Dr R. Raghavendra** (sp. Plant Taxonomy, Ethnobotany, Phytogeography and Biodiversity & Conservation), Central Institute of Medicinal and Aromatic Plants, Bangalore.
S, T, AA.
164. **Ravindranath, Dr Vijayalakshmi** (sp. Neuro Biology, Toxicology and Pharmacology), National Brain Research Centre, Manesar.
S, AA.
165. **Ray, Prof. D.S.** (sp. Nonlinear Dynamics and Nonequilibrium Statistical Mechanics), Indian Association for the Cultivation of Science, Kolkata.
S, ANA.
166. **Raychaudhuri, Prof. Arup K.** (sp. Nano Sciences & Technology, Experimental Solid State Physics, Experimental Low Temperature Physics), SN Bose National Centre for Basic Sciences, Kolkata.
S, T, AA.
167. **Reddy, Prof. A. Ramachandra** (sp. Genetics, Plant Molecular Genetics and Plant Genomics), University of Hyderabad, Hyderabad.
S, T, AA.
168. **Rodrigues, Dr Veronica F.** (sp. Neurogenetics, Genetics and Developmental Biology), Tata Institute of Fundamental Research, Mumbai.
S, T, ANA.
169. **Sachdev, Prof. P.L.** (sp. Applied Mathematics: Nonlinear Waves, Nonlinear Diffusion, Dynamical Systems, Fluid Mechanics and Differential Equations), Indian Institute of Science, Bangalore.
S, T, AA.
170. **Saidapur, Prof. S.K.** (sp. Biology of Reproduction, Comparative Endocrinology and Herpetology), Karnatak University, Dharwad.
S, AA.

171. **Salunke, Dr D.M.** (sp. Structural Biology, Macromolecular Crystallography and Immune Recognition), National Institute of Immunology, New Delhi.
S, AA.
172. **Sampathkumaran, Prof. E.V.** (sp. Magnetism, Superconductivity, Metal-Insulator Transitions, Giant Magnetoresistance, Oxides, Metals & Alloys), Tata Institute of Fundamental Research, Mumbai.
S, T, AA.
173. **Sanjappa, Dr M.** (sp. Plant Taxonomy and Conservation), Botanical Survey of India, Kolkata.
S, T, AA.
174. **Sanyal, Prof. M.K.** (sp. Condensed Matter Physics, Surface Physics and Synchrotron X-ray Scattering), Saha Institute of Nuclear Physics, Kolkata.
S, T, AA.
175. **Sarin, Prof. S.K.** (sp. Gastroenterology), GB Pant Hospital, New Delhi.
S, T, ANA.
176. **Sarkar, Prof. Sabyasachi** (sp. Inorganic Chemistry and Bioinorganic Enzymology), Indian Institute of Technology, Kanpur.
S, T, AA.
177. **Sarma, Dr D.D.** (sp. Strongly Interacting Electron Systems, Disordered Systems, Nanomaterials and Conducting Polymers), Indian Institute of Science, Bangalore.
S, AA.
178. **Sathyamurthy, Prof. N.** (sp. Molecular Reaction Dynamics and Theoretical Chemistry), Indian Institute of Technology, Kanpur.
S, T, AA.
179. **Savithri, Prof. H.S.** (sp. Protein Chemistry, Virology and Enzymology), Indian Institute of Science, Bangalore.
S, T, AA.
180. **Sebastian, Prof. K.L.** (sp. Theoretical Chemistry and Chemistry of Interfaces), Indian Institute of Science, Bangalore.
S, T, AA.
181. **Sen, Dr Ashoke** (sp. Superstring Theory), Harish Chandra Research Institute, Allahabad.
S, AA.
182. **Sen, Prof. Diptiman** (sp. Theoretical Condensed Matter & Statistical Physics and Quantum Field Theory), Indian Institute of Science, Bangalore.
S, AA.
183. **Shaha, Dr Chandrima** (sp. Cell Biology, Reproductive Biology and Biochemistry), National Institute of Immunology, New Delhi.
S, T, ANA.
184. **Shaila, Prof. M.S.** (sp. Molecular Virology and Viral Immunology), Indian Institute of Science, Bangalore.
S, AA.

185. **Shanbhag, Prof. Bhagyashri A.** (sp. Comparative Endocrinology & Reproduction (Vertebrates), Herpetology and Animal Behaviour), Karnatak University, Dharwad.
S, T, AA.
186. **Sharma, Prof. Anurag** (sp. Fibre & Integrated Optics, Gradient-Index Optics and Applied Optics), Indian Institute of Technology, New Delhi.
S, T, AA.
187. **Sharma, Prof. Shobhona** (sp. Molecular Parasitology, Parasite Immunology and Parasite Metabolism), Tata Institute of Fundamental Research, Mumbai.
S, AA.
188. **Shetty, Prof. H. Shekar** (sp. Seed Biology, Seed Pathology & Technology, Molecular Plant Pathology and Biotechnological Approach to Plant Disease Management), University of Mysore, Mysore.
S, T, AA.
189. **Shetye, Dr S.R.** (sp. Physical Oceanography), National Institute of Oceanography, Dona Paula.
S, T, AA.
190. **Shyamasundar, Prof. R.K.** (sp. Specification & Verification, Real-Time Programs, Logic Programs, Mobile Computing and Computer Security), Tata Institute of Fundamental Research, Mumbai.
S, T, AA.
191. **Simon, Prof. R.** (sp. Quantum & Classical Optics, Mathematical Physics and Quantum Information Processing), The Institute of Mathematical Sciences, Chennai.
S, AA.
192. **Singh, Prof. Anil K.** (sp. Organic/Bio-Organic Chemistry, Photochemistry and Photobiology), Indian Institute of Technology, Mumbai.
S, T, AA.
193. **Singh, Dr R.N.** (sp. Geophysics and Geophysical Modelling), National Geophysical Research Institute, Hyderabad.
S, AA.
194. **Singh, Prof. T.P.** (sp. Structural Biology, Protein Structures, Peptide Design and Drug Discovery), All India Institute of Medical Sciences, New Delhi.
S, AA.
195. **Singhvi, Prof. A.K.** (sp. Geochronology using Luminescence & Electron Spin Resonance Methods and Quaternary Climates), Physical Research Laboratory, Ahmedabad.
S, T, AA.
196. **Sinha, Dr B.C.** (sp. Nuclear Physics, High Energy Physics, Quark Gluon Plasma and Early Universe Cosmology), Saha Institute of Nuclear Physics, Kolkata.
S, AA.
197. **Sinha, Prof. K.B.** (sp. Spectral Theory of Operators, Non-Commutative Geometry and Stochastic Processes), Indian Statistical Institute, New Delhi.
S, AA.

198. **Sinha, Dr Pratima** (sp. Molecular Genetics of Yeast and Molecular Biology), Bose Institute, Kolkata.
S, AA.
199. **Sinha, Dr Somdatta** (sp. Theoretical Biology, Complex Systems in Biology and Nonlinear Dynamics), Centre for Cellular & Molecular Biology, Hyderabad.
S, AA.
200. **Sitaram, Prof. Alladi** (sp. Harmonic Analysis on Euclidean Spaces and Lie Groups), Indian Statistical Institute, Bangalore.
S, T, AA.
201. **Sood, Prof. Ajay K.** (sp. Raman Spectroscopy of Novel Solids, High Pressure and Physics of Complex Fluids), Indian Institute of Science, Bangalore.
S, AA.
202. **Sridharan, Prof. A.** (sp. Engineering Properties of Clays, Clay Mineralogy and Foundation Engineering), Indian Institute of Science, Bangalore.
T, AA.
203. **Srikrishna, Dr A.** (sp. Synthetic Organic Chemistry and Natural Products Chemistry), Indian Institute of Science, Bangalore.
T, AA.
204. **Srinivasan, Prof. J.** (sp. Thermal Science, Atmospheric Sciences and Solar Energy), Indian Institute of Science, Bangalore.
S, T, AA.
205. **Subbarao, Prof. K.V.** (sp. Volcanology, Igneous Petrology and Palaeomagnetism), University of Hyderabad, Hyderabad.
S, T, AA.
206. **Subrahmanya, Dr C.R.** (sp. Radio Astronomy, Signal Processing and Reconfigurable Computing), Raman Research Institute, Bangalore.
S, T, AA.
207. **Sundar, Dr C.S.** (sp. Materials Science, Positron Annihilation Spectroscopy and Infrared Spectroscopy), Indira Gandhi Centre for Atomic Research, Kalpakkam.
S, AA.
208. **Surolia, Prof. A.** (sp. Biochemistry, Protein Folding & Design and Membranes), Indian Institute of Science, Bangalore.
S, T, AA.
209. **Surolia, Prof. Namita** (sp. Molecular Parasitology, Biochemistry and Molecular Biology), Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
S, AA.
210. **Swarup, Dr Ghanshyam** (sp. Biochemistry, Molecular Biology and Genetic Engineering), Centre for Cellular and Molecular Biology, Hyderabad.
S, AA.

211. **Thangavelu, Prof. S.** (sp. Harmonic Analysis and Partial Differential Equations), Indian Institute of Science, Bangalore.
S, T, AA.
212. **Thiagarajan, Prof. P.S.** (sp. System-Level Design Methods for Embedded Systems, Hybrid Systems and Systems Biology), Chennai Mathematical Institute, Chennai.
S, T, AA.
213. **Tuli, Dr Rakesh** (sp. Plant & Microbial Biotechnology, Genetic Engineering and Molecular Biology), National Botanical Research Institute, Lucknow.
S, ANA.
214. **Udgaonkar, Dr Jayant B.** (sp. Physical Biochemistry and Protein Folding), National Centre for Biological Sciences, Bangalore.
S, T, AA.
215. **Uma Shaanker, Dr R.** (sp. Plant Evolutionary Biology, Plant Stress Physiology, Crop Physiology Forest Genetic Diversity and Conservation Biology), University of Agricultural Sciences, Bangalore.
S, T, AA.
216. **Umopathy, Prof. Siva** (sp. Laser Spectroscopy), Indian Institute of Science, Bangalore.
S, T, AA.
217. **Vanninathan, Prof. M.** (sp. Partial Differential Equations, Numerical Analysis, Asymptotic Analysis and Homogenization), TIFR Centre, Bangalore.
S, AA.
218. **Vasudevan, Prof. S.** (sp. Physical Chemistry of Materials, Intercalation Chemistry and Heterogeneous Catalysis), Indian Institute of Science, Bangalore.
S, AA.
219. **Veluthambi, Prof. K.** (sp. Plant Genetic Engineering, Plant Biotechnology and Plant Molecular Biology), Madurai Kamaraj University, Madurai.
S, T, AA.
220. **Venkataramana, Prof. T.N.** (sp. Rigidity & Arithmeticity of Lattices, Cohomology of Arithmetic Groups and Shimura Varieties), Tata Institute of Fundamental Research, Mumbai.
S, AA.
221. **Vidyasagar, Dr M.** (sp. Control & System Theory and Statistical Learning Theory), Tata Consultancy Services, Hyderabad.
S, T, AA.
222. **VijayRaghavan, Prof. K.** (sp. Developmental Biology, Genetics and Neurogenetics), National Centre for Biological Sciences, Bangalore.
S, T, AA.
223. **Vishveshwara, Prof. Saraswathi** (sp. Computational Biology Approaches to Protein Structure-Function Elucidation), Indian Institute of Science, Bangalore.
S, T, AA.

224. **Watve, Dr Milind G.** (sp. Wildlife Ecology & Animal Cognition, Evolutionary Biology, Computational Biology and Microbial Diversity), Abasaheb Garware College, Pune.
S, AA.
225. **Yashonath, Dr S.** (sp. Physical Chemistry, Computational Chemistry & Intermolecular Forces and Diffusion within Porous & Dense Media), Indian Institute of Science, Bangalore.
S, AA.
226. **Yathindra, Prof. N.** (sp. Computational Structural Biology and Molecular Biophysics), Institute of Bioinformatics and Applied Biotechnology, Bangalore.
S, T, AA.

