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## Present Fellows

1077 Fellows

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[H \(http://www.ias.ac.in/listing/fellows/H\)](http://www.ias.ac.in/listing/fellows/H)
[I \(http://www.ias.ac.in/listing/fellows/I\)](http://www.ias.ac.in/listing/fellows/I)
[J \(http://www.ias.ac.in/listing/fellows/J\)](http://www.ias.ac.in/listing/fellows/J)
[K \(http://www.ias.ac.in/listing/fellows/K\)](http://www.ias.ac.in/listing/fellows/K)
[L \(http://www.ias.ac.in/listing/fellows/L\)](http://www.ias.ac.in/listing/fellows/L)
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[W \(http://www.ias.ac.in/listing/fellows/W\)](http://www.ias.ac.in/listing/fellows/W)
[X \(http://www.ias.ac.in/listing/fellows/X\)](http://www.ias.ac.in/listing/fellows/X)
[Y \(http://www.ias.ac.in/listing/fellows/Y\)](http://www.ias.ac.in/listing/fellows/Y)
[Z \(http://www.ias.ac.in/listing/fellows/Z\)](http://www.ias.ac.in/listing/fellows/Z)

Elected: 1995 | Section: Physics


 Kailas, Dr Swaminathan ([http://www.ias.ac.in/describe/fellow/Kailas,\\_Dr\\_Swaminathan](http://www.ias.ac.in/describe/fellow/Kailas,_Dr_Swaminathan))

Ph.D. (Mumbai), FNA

**Date of birth:** 30 May 1949**Specialization:** Nuclear Optical Model, Heavy-Ion induced Fission/Fusion and Accelerator-based Multidisciplinary Science**Address:** Adjunct Faculty, University Centre for Excellence in Basic Sciences, University of Mumbai, Vidyanagari, Mumbai 400 098, Maharashtra**Contact:**

Residence: (022) 2551 2291

Mobile: 99691 53075

Email: [swaminathankailas305@gmail.com](mailto:swaminathankailas305@gmail.com)

Elected: 1998 | Section: Engineering &amp; Technology


 Kakodkar, Dr Anil ([http://www.ias.ac.in/describe/fellow/Kakodkar,\\_Dr\\_Anil](http://www.ias.ac.in/describe/fellow/Kakodkar,_Dr_Anil))

B.E. (Mumbai), M.Sc. (Nottingham), D.Sc. (h.c.), FNAE, FNASc

**Date of birth:** 11 November 1943**Specialization:** Structural Mechanics and Nuclear Engineering**Address:** Satish Dhawan Chair of Engineering Eminence, Bhabha Atomic Research Centre, 7th Floor, Central Complex, Trombay, Mumbai 400 085, Maharashtra**Contact:**

Office: (022) 2550 5210

Residence: (022) 2582 8899

Fax: (022) 2550 5110

Email: [kakodkar@barc.gov.in](mailto:kakodkar@barc.gov.in), [kakodkaranil@gmail.com](mailto:kakodkaranil@gmail.com)<http://www.anilkakodkar.in> (<http://www.anilkakodkar.in>)

Elected: 2016 | Section: Chemistry


 Kaliappan, Prof. Krishna Pillai ([http://www.ias.ac.in/describe/fellow/Kaliappan,\\_Prof.\\_Krishna\\_Pillai](http://www.ias.ac.in/describe/fellow/Kaliappan,_Prof._Krishna_Pillai))

Ph.D. (IISc)

**Date of birth:** 16 March 1968**Specialization:** Organic Synthesis, Medicinal Chemistry, Natural Products**Address:** Department of Chemistry, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra**Contact:**

Office: (022) 2576 7177

Residence: (022) 2576 8177

Mobile: 96197 47177

Fax: (022) 2572 3480

Email: [kpk@chem.iitb.ac.in](mailto:kpk@chem.iitb.ac.in)

<http://www.chem.iitb.ac.in/~kpk> (<http://www.chem.iitb.ac.in/~kpk>)

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Elected: 1969 | Section: Medicine

Kalyanaraman, Prof. Subramanian ([http://www.ias.ac.in/describe/fellow/Kalyanaraman,\\_Prof.\\_Subramanian](http://www.ias.ac.in/describe/fellow/Kalyanaraman,_Prof._Subramanian))

M.S. (Gen & Neuro) (Madras), Ph.D. (Edinburgh), FRCS (Edinburgh)

**Date of birth:** 1 January 1934

**Specialization:** Neurosurgery

**Address:** 2, Central Street, Kilpauk Garden Colony, Chennai 600 010, T.N.

**Contact:**

Office: (044) 2644 2667

Residence: (044) 2644 3112

Mobile: 98840 70469

Email: [kalyanaramanneurosurgeon@gmail.com](mailto:kalyanaramanneurosurgeon@gmail.com)

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Elected: 1974 | Section: Engineering & Technology

Kamal, Prof. Aditya Kumar ([http://www.ias.ac.in/describe/fellow/Kamal,\\_Prof.\\_Aditya\\_Kumar](http://www.ias.ac.in/describe/fellow/Kamal,_Prof._Aditya_Kumar))

Dr. Ing. (Paris)

**Date of birth:** 5 July 1927

**Specialization:** Air Traffic Control, Surveillance, Automation, UAV, GPS, Cyber Security

**Address:** 18, Crystal Circle, Burlington, MA 01803, USA

**Contact:**

Office: (+1-781) 890 3330/235

Residence: (+1-781) 272 6315

Fax: (+1-781) 890 5189, (707) 982 2828

Email: [akk@arcon.com](mailto:akk@arcon.com), [kaditya1@gmail.com](mailto:kaditya1@gmail.com)

---

Elected: 1998 | Section: Earth & Planetary Sciences

Kamra, Dr Adarsh Kumar ([http://www.ias.ac.in/describe/fellow/Kamra,\\_Dr\\_Adarsh\\_Kumar](http://www.ias.ac.in/describe/fellow/Kamra,_Dr_Adarsh_Kumar))

Ph.D. (Roorkee), FIMS, FNA

**Date of birth:** 20 September 1944

**Specialization:** Atmospheric Electricity, Cloud Physics and Aerosol Physics

**Address:** Honorary Scientist, Indian Institute of Tropical Meteorology, Dr Homi Bhabha Road, Pashan, Pune 411 008, Maharashtra

**Contact:**

Office: (020) 2590 4281

Residence: (020) 2588 7270

Mobile: 97645 36103

Fax: (020) 2586 5142

Email: [kamra@tropmet.res.in](mailto:kamra@tropmet.res.in)

---

Elected: 2011 | Section: Medicine

Kang, Dr Gagandeep ([http://www.ias.ac.in/describe/fellow/Kang,\\_Dr\\_Gagandeep](http://www.ias.ac.in/describe/fellow/Kang,_Dr_Gagandeep))

Ph.D. (Vellore), FNA, FNASc, FRC (Path., London)

**Date of birth:** 3 November 1962

**Specialization:** Nutrition, Public Health, Enteric Virology, Vaccines

**Address:** Department of Gastrointestinal Sciences, Christian Medical College, Vellore 632 004, T.N.

**Contact:**

Office: (0416) 228 2052

Residence: (0416) 228 4266

Mobile: 98940 70266

Fax: (0416) 228 2486

Email: gkang@cmcvellore.ac.in, gkang@thsti.res.in

---

Elected: 1999 | Section: Physics

Kanhere, Prof. Dilip Govind ([http://www.ias.ac.in/describe/fellow/Kanhere,\\_Prof.\\_Dilip\\_Govind](http://www.ias.ac.in/describe/fellow/Kanhere,_Prof._Dilip_Govind))

Ph.D. (IIT, Kanpur)

**Date of birth:** 6 January 1950

**Specialization:** Condensed Matter Theory, Computational Physics, Strongly Correlated Systems and Density Functional Theory

**Address:** Distinguished Professor, Centre for Modelling & Simulations, University of Pune, Ganeshkhind, Pune 411 007, Maharashtra

**Contact:**

Mobile: 94210 06705

Email: dgkanhere@gmail.com

---

Elected: 1984 | Section: General Biology

Kannan, Dr Kazhiur Kothandapani ([http://www.ias.ac.in/describe/fellow/Kannan,\\_Dr\\_Kazhiur\\_Kothandapani](http://www.ias.ac.in/describe/fellow/Kannan,_Dr_Kazhiur_Kothandapani))

Ph.D. (IISc), FNA

**Date of birth:** 30 September 1939

**Specialization:** X-ray & Macromolecular Crystallography and Macromolecular Computer Graphics

**Address:** F-206, Redwood, Reheja Residency, III Block, Koramangala, Bengaluru 560 034, Karnataka

**Contact:**

Residence: (080) 2550 5829

Mobile: 87627 80061

Email: kannan\_99@yahoo.com

---

Elected: 1992 | Section: Mathematical Sciences

Kannan, Prof. Varadachariar ([http://www.ias.ac.in/describe/fellow/Kannan,\\_Prof.\\_Varadachariar](http://www.ias.ac.in/describe/fellow/Kannan,_Prof._Varadachariar))

Ph.D. (MKU), FNA, FNASc

**Date of birth:** 24 October 1946

**Specialization:** Analysis and Topology

**Address:** Professor, School of Mathematics & Computer/Information Sciences, University of Hyderabad, Hyderabad 500 046, A.P.

**Contact:**

Office: (040) 2313 4001, 2301 0329

Residence: (040) 2301 0702

Mobile: 99491 93737

Fax: (040) 2301 1469

Email: vksm@uohyd.ernet.in

<http://mathstat.uohyd.ernet.in/faculty/kannan/index.html> (<http://mathstat.uohyd.ernet.in/faculty/kannan/index.html>)

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Elected: 2015 | Section: Chemistry

Kant, Prof. Rama ([http://www.ias.ac.in/describe/fellow/Kant,\\_Prof.\\_Rama](http://www.ias.ac.in/describe/fellow/Kant,_Prof._Rama))

Ph.D. (IISc)

**Date of birth:** 18 January 1963

**Specialization:** Complex Systems in Electrochemistry & Polymers, Theoretical Chemistry, Nanoelectrochemistry

**Address:** Department of Chemistry, University of Delhi, Delhi 110 007, U.T.

**Contact:**

Office: (011) 2766 6646/188

Mobile: 98105 77668

Fax: (011) 2766 6605

Email: rkant@chemistry.du.ac.in

<http://people.du.ac.in/~rkant> (<http://people.du.ac.in/~rkant>)

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Elected: 2004 | Section: Engineering & Technology

Kant, Prof. Tarun ([http://www.ias.ac.in/describe/fellow/Kant,\\_Prof.\\_Tarun](http://www.ias.ac.in/describe/fellow/Kant,_Prof._Tarun))

Ph.D. (IIT, Bombay), FNA, FNAE, FNASc

**Date of birth:** 1 July 1946

**Specialization:** Solid & Structural Mechanics, Finite Element Methods and Mechanics of Composite Materials & Structures

**Address:** Professor Emeritus & INSA Senior Scientist, Department of Civil Engineering, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra

**Contact:**

Office: (022) 2576 7310, (022) 2576 7301

Residence: (022) 2577 1090

Mobile: 99691 64646

Fax: (022) 2576 7302, (022) 2572 3480

Email: [tkant@civil.iitb.ac.in](mailto:tkant@civil.iitb.ac.in)

<http://www.civil.iitb.ac.in/~tkant> (<http://www.civil.iitb.ac.in/~tkant>)

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Elected: 1974 | Section: Physics

Kapoor, Dr Shyam Sunder ([http://www.ias.ac.in/describe/fellow/Kapoor,\\_Dr\\_Shyam\\_Sunder](http://www.ias.ac.in/describe/fellow/Kapoor,_Dr_Shyam_Sunder))

Ph.D. (Mumbai), FNA, FNASc

**Date of birth:** 14 June 1938

**Specialization:** Nuclear Physics, Nuclear Radiation Detectors, Accelerator-based Research and Development & Applications in Nuclear Energy

**Address:** A/3, Banganga, Govandi Station Road, Deonar, Mumbai 400 088, Maharashtra

**Contact:**

Residence: (022) 2550 4301

Mobile: 93235 04942

Email: [kapoorss2002@yahoo.co.in](mailto:kapoorss2002@yahoo.co.in)

---

Elected: 1988 | Section: Engineering & Technology

Kapur, Prof. Prakash Chand ([http://www.ias.ac.in/describe/fellow/Kapur,\\_Prof.\\_Prakash\\_Chand](http://www.ias.ac.in/describe/fellow/Kapur,_Prof._Prakash_Chand))

Ph.D. (UC, Berkeley), FNAE

**Date of birth:** 3 July 1935

**Specialization:** Mineral Processing, Particulate Science & Technology, Mathematical Modelling and Waste Management

**Address:** R-485, New Rajinder Nagar, New Delhi 110 060, U.T.

**Contact:**

Residence: (011) 2874 2645

Mobile: 98108 16383

Email: [pckapur@gmail.com](mailto:pckapur@gmail.com), [pck@vsnl.com](mailto:pck@vsnl.com)

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Elected: 2017 | Section: Engineering & Technology

Kapur, Prof. Santosh ([http://www.ias.ac.in/describe/fellow/Kapur,\\_Prof.\\_Santosh](http://www.ias.ac.in/describe/fellow/Kapur,_Prof._Santosh))

Ph.D. (IIT, Delhi), FNA, FNAE, FNASc

**Date of birth:** 22 February 1968

**Specialization:** Structural Mechanics, Multi-Functional Structures, Structural Health Monitoring

**Address:** Director, Structural Engineering Research Centre, CSIR Road, Taramani, Chennai 600 113, T.N.

**Contact:**

Office: (044) 2254 2139

Residence: (044) 2254 9116

Mobile: 96547 28776

Fax: (044) 2254 1508

Email: [kapuria@am.iitd.ac.in](mailto:kapuria@am.iitd.ac.in), [director@serc.res.in](mailto:director@serc.res.in)

<http://web.iitd.ac.in/~kapuria/> (<http://web.iitd.ac.in/~kapuria/>)

Elected: 1994 | Section: Mathematical Sciences

Karandikar, Prof. Rajeeva Laxman ([http://www.ias.ac.in/describe/fellow/Karandikar,\\_Prof.\\_Rajeeva\\_Laxman](http://www.ias.ac.in/describe/fellow/Karandikar,_Prof._Rajeeva_Laxman))

Ph.D. (ISI, Calcutta), FNA

**Date of birth:** 11 June 1956

**Specialization:** Psephology, Stochastic Calculus, Stochastic Finance, Stochastic Filtering Theory Monte Carlo Methods and Markov Processes

**Address:** Director, Chennai Mathematical Institute, Plot H1, Sipcot IT Park, Siruseri, Kelambakkam, Chennai 603 103, T.N.

**Contact:**

Office: (044) 6748 0906, (044) 3298 3441

Mobile: 81448 13296

Fax: (044) 2747 0225

Email: rkarandikar@gmail.com, rlk@cmi.ac.in

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Elected: 2008 | Section: Animal Sciences

Karanth, Dr Kota Ullas ([http://www.ias.ac.in/describe/fellow/Karanth,\\_Dr\\_Kota\\_Ullas](http://www.ias.ac.in/describe/fellow/Karanth,_Dr_Kota_Ullas))

Ph.D. (Mangalore)

**Date of birth:** 21 September 1948

**Specialization:** Carnivore Ecology, Animal Population Analysis and Conservation Biology & Conservation Policy

**Address:** Director, Centre for Wildlife Studies, 26-2, Aga Abbas Ali Road (Apt. 403), Bengaluru 560 042, Karnataka

**Contact:**

Office: (080) 2211 8976

Residence: (080) 2671 5364

Fax: (080) 2671 5255

Email: ukaranth@wcs.org, ukaranth@gmail.com

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Elected: 1995 | Section: Medicine

Kartha, Dr Chandrasekharan Cheranellor ([http://www.ias.ac.in/describe/fellow/Kartha,\\_Dr\\_Chandrasekharan\\_Cheranellor](http://www.ias.ac.in/describe/fellow/Kartha,_Dr_Chandrasekharan_Cheranellor))

M.B.B.S. (Kerala), M.D. (AIIMS), FNAc, FIC (Path.), FAMS, FIACS

Council Service: 2007-2009

**Date of birth:** 14 December 1951

**Specialization:** Cardiac Pathology, Cardiac Biology and Cell-based Therapies

**Address:** Hon. Distinguished Professor, MM&DB, Rajiv Gandhi Centre for Biotechnology, Jagathi, Thiruvananthapuram 695 014, Kerala

**Contact:**

Office: (0471) 252 9448

Residence: (0471) 243 4108

Mobile: 99472 64108

Fax: (0471) 252 9505

Email: cckartha@rgcb.res.in, cckartha@yahoo.com, cckartha@gmail.com

---

Elected: 1990 | Section: Chemistry

Kartha, Dr Vasudevan Bhaskaran ([http://www.ias.ac.in/describe/fellow/Kartha,\\_Dr\\_Vasudevan\\_Bhaskaran](http://www.ias.ac.in/describe/fellow/Kartha,_Dr_Vasudevan_Bhaskaran))

Ph.D. (Mumbai), FNA

**Date of birth:** 1 January 1934

**Specialization:** Atomic, Molecular & Laser Spectroscopy, Synchrotron Spectroscopy and Applications of Lasers in Medicine & Biochemistry

**Address:** 21, Udayagiri (opp. Telecom Factory), Sion-Trombay Road, Deonar, Mumbai 400 088, Maharashtra

**Contact:**

Residence: (022) 2556 4908

Mobile: 77384 33912

Email: sbkartha@hotmail.com, bhasikartha@gmail.com

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Elected: 2005 | Section: General Biology

Kasbekar, Dr Durgadas Prabhakar ([http://www.ias.ac.in/describe/fellow/Kasbekar,\\_Dr.\\_Durgadas\\_Prabhakar](http://www.ias.ac.in/describe/fellow/Kasbekar,_Dr._Durgadas_Prabhakar))  
Ph.D. (SUNY, Stony Brook), FNA

**Date of birth:** 18 July 1956

**Specialization:** Neurospora Genetics, Dictyostelium & Plant Antimicrobials and Sterol Reductases

**Address:** INSA Senior Scientist, Centre for DNA Fingerprinting & Diagnostics, Nampally, Hyderabad 500 001, A.P.

**Contact:**

Office: (040) 2474 9401

Residence: (040) 2717 3903

Fax: (040) 2474 9448

Email: kas@cdfd.org.in

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Elected: 1976 | Section: Chemistry

Kasturi, Prof. Tirumalai Rangachar ([http://www.ias.ac.in/describe/fellow/Kasturi,\\_Prof.\\_Tirumalai\\_Rangachar](http://www.ias.ac.in/describe/fellow/Kasturi,_Prof._Tirumalai_Rangachar))  
D.Sc. (IISc), Ph.D. (Mumbai), FNA

**Date of birth:** 29 September 1931

**Specialization:** Synthetic, Structural & Mechanistic Organic Chemistry and Spectroscopy

**Address:** 237, Senator Place, Cincinnati, OH 45220, USA

**Contact:**

Mobile: 51382 71015

Email: premakasturi@yahoo.in

---

Elected: 1986 | Section: Engineering & Technology

Kasturirangan, Dr Krishnaswamy ([http://www.ias.ac.in/describe/fellow/Kasturirangan,\\_Dr.\\_Krishnaswamy](http://www.ias.ac.in/describe/fellow/Kasturirangan,_Dr._Krishnaswamy))

Ph.D. (Gujarat), FNA, FNASc, FTWAS, FNAE

Council Service: 1995-2006; Vice-President: 1998-2000; President: 2001-2003

**Date of birth:** 24 October 1940

**Specialization:** High Energy Astronomy, Space Systems & Technology

**Address:** Emeritus Professor, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2361 0522

Fax: (080) 2361 0492

Email: krangank@gmail.com

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Elected: 2007 | Section: Medicine

Katoch, Dr Vishwa Mohan ([http://www.ias.ac.in/describe/fellow/Katoch,\\_Dr.\\_Vishwa\\_Mohan](http://www.ias.ac.in/describe/fellow/Katoch,_Dr._Vishwa_Mohan))

MD (AIIMS), FAMS, FNASc, FNA

Council Service: 2010-12

**Date of birth:** 18 February 1953

**Specialization:** Molecular Biology and Functional Genomics of Mycobacteria, Taxonomy, Epidemiology of Mycobacterial Diseases

**Address:** Secretary, Department of Health Research and, Director General, Indian Council of Medical Research, Ramalingaswami Bhavan, Ansari Nagar, New Delhi 110 029, U.T.

**Contact:**

Office: (011) 2658 8204, (011) 2658 9620

Residence: (011) 2649 8214

Mobile: 94122 62721

Fax: (011) 2658 8662

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Elected: 1993 | Section: Physics

Kaul, Prof. Romesh Kumar ([http://www.ias.ac.in/describe/fellow/Kaul,\\_Prof.\\_Romesh\\_Kumar](http://www.ias.ac.in/describe/fellow/Kaul,_Prof._Romesh_Kumar))

Ph.D. (Delhi), FNA

**Date of birth:** 1 August 1952

**Specialization:** Particle Physics, Quantum Field Theory and Quantum Gravity

**Address:** Professor, The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600 113, T.N.

**Contact:**

Office: (044) 2254 3317

Residence: (044) 2445 3508

Mobile: 94449 24065

Fax: (044) 2254 1586

Email: kaul@imsc.res.in

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Elected: 2003 | Section: Physics

Kaul, Prof. Sharika Nandan ([http://www.ias.ac.in/describe/fellow/Kaul\\_Prof.\\_Sharika\\_Nandan](http://www.ias.ac.in/describe/fellow/Kaul_Prof._Sharika_Nandan))

D.IIT, Ph.D. (IIT, Kharagpur), FNA

**Date of birth:** 4 August 1949

**Specialization:** Condensed Matter Physics, Phase Transitions & Critical Phenomena, Disordered Systems Percolation and Magnetism & Magnetic Materials, Physics at Nanometer Length Scale

**Address:** INSA Senior Scientist, School of Physics, University of Hyderabad, Hyderabad 500 046, A.P.

**Contact:**

Office: (040) 2313 4322

Residence: (040) 6748 5642

Fax: (040) 2301 0227

Email: sn.kaul@uohyd.ac.in, kaul.sn@gmail.com

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Elected: 2009 | Section: Physics

Kembhavi, Prof. Ajit Keshav ([http://www.ias.ac.in/describe/fellow/Kembhavi\\_Prof.\\_Ajit\\_Keshav](http://www.ias.ac.in/describe/fellow/Kembhavi_Prof._Ajit_Keshav))

Ph.D. (Bombay)

**Date of birth:** 16 August 1950

**Specialization:** Big Data, High Energy Astrophysics, Active Galactic Nuclei, External Galaxies, Virtual Observatory

**Address:** Emeritus Professor, Inter-University Centre for Astronomy & Astrophysics, Ganeshkhind, Pune 411 007, Maharashtra

**Contact:**

Office: (020) 2560 4200, (020) 2560 4100

Residence: (020) 2558 6650

Mobile: 98229 79161

Fax: (020) 2560 4699

Email: akk@iucaa.in

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Elected: 1986 | Section: General Biology

Kenkare, Prof. Umakant Waman ([http://www.ias.ac.in/describe/fellow/Kenkare\\_Prof.\\_Umakant\\_Waman](http://www.ias.ac.in/describe/fellow/Kenkare_Prof._Umakant_Waman))

Ph.D. (Mumbai), FNA

**Date of birth:** 3 March 1927

**Specialization:** Biochemistry, Molecular Biology and Neurochemistry

**Address:** D/3 Deeplakshmi Coop. Hsg Soc. Ltd, Hatiskar Marg, Prabhadevi Sea Beach, Prabhadevi, Mumbai 400 025, Maharashtra

**Contact:**

Mobile: 96197 71978

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Elected: 2008 | Section: Mathematical Sciences

Kesavan, Prof. Srinivasan ([http://www.ias.ac.in/describe/fellow/Kesavan\\_Prof.\\_Srinivasan](http://www.ias.ac.in/describe/fellow/Kesavan_Prof._Srinivasan))

Ph.D. (Pierre et Marie Curie), FNASc

**Date of birth:** 17 January 1952

**Specialization:** Partial Differential Equations, Homogenization and Isoperimetric Inequalities

**Address:** 33/19, Barnaby Road, Kilpauk, Chennai 600 010, T.N.

**Contact:**

Residence: (044) 2641 2839

Mobile: 94440 82801

Email: kesh@imsc.res.in

<http://www.imsc.res.in/~kesavan> (<http://www.imsc.res.in/~kesavan>)

Elected: 1975 | Section: Chemistry

Kessar, Prof. Satinder Vir ([http://www.ias.ac.in/describe/fellow/Kessar,\\_Prof.\\_Satinder\\_Vir](http://www.ias.ac.in/describe/fellow/Kessar,_Prof._Satinder_Vir))

Ph.D. (USC, Los Angeles), FNA, FNASc, FTWAS

**Date of birth:** 9 June 1932**Specialization:** Synthetic & Mechanistic Organic Chemistry**Address:** Professor Emeritus, Department of Chemistry, Panjab University, Chandigarh 160 014, U.T.**Contact:**

Office: (0172) 254 1435

Residence: (0172) 274 7308

Mobile: 98786 39635

Email: svkessar@pu.ac.in

Elected: 1996 | Section: Engineering &amp; Technology

Khakhar, Prof. Devang Vipin ([http://www.ias.ac.in/describe/fellow/Khakhar,\\_Prof.\\_Devang\\_Vipin](http://www.ias.ac.in/describe/fellow/Khakhar,_Prof._Devang_Vipin))

Ph.D. (Massachusetts), FNA, FNAE, FNASc

Council Service: 2010-12

**Date of birth:** 7 April 1959**Specialization:** Granular Flow & Mixing, Polymer Processing**Address:** Director, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra**Contact:**

Office: (022) 2572 3488, (022) 2576 7001

Residence: (022) 2572 3738

Mobile: 98206 05351

Fax: (022) 2572 3546

Email: khakhar@iitb.ac.in, director@iitb.ac.in

<http://www.che.iitb.ac.in/faculty/dvk.html> (<http://www.che.iitb.ac.in/faculty/dvk.html>)

Elected: 2012 | Section: Chemistry

Khan, Prof. Faiz Ahmed ([http://www.ias.ac.in/describe/fellow/Khan,\\_Prof.\\_Faiz\\_Ahmed](http://www.ias.ac.in/describe/fellow/Khan,_Prof._Faiz_Ahmed))

Ph.D. (Hyderabad), FNASc

**Date of birth:** 31 October 1965**Specialization:** Synthetic Organic Chemistry, Natural Products, Synthetic Methodologies**Address:** Department of Chemistry, Indian Institute of Technology, Kandi Sangareddy, Hyderabad 502 285, A.P.**Contact:**

Office: (040) 2301 6084

Residence: (040) 2301 7040

Email: faiz@iith.ac.in

<http://chemistry.iith.ac.in/faiz/> (<http://chemistry.iith.ac.in/faiz/>)

Elected: 2010 | Section: Mathematical Sciences

Khanduja, Prof. Sudesh Kaur ([http://www.ias.ac.in/describe/fellow/Khanduja,\\_Prof.\\_Sudesh\\_Kaur](http://www.ias.ac.in/describe/fellow/Khanduja,_Prof._Sudesh_Kaur))

Ph.D. (Panjab), FNASc, FNA, FTWAS

**Date of birth:** 1 January 1951**Specialization:** Algebra, Valuation Theory, Algebraic Number Theory

**Address:** Professor of Mathematics, IISER Mohali, Knowledge City, Sector 81, Manauli P.O., Mohali, SAS Nagar 140 306, Panjab

**Contact:**

Office: (0172) 224 0266

Residence: (0172) 405 1297

Mobile: 98152 04096

Email: skhanduja@iisermohali.ac.in, sudeshkaur@yahoo.com

---

Elected: 2017 | Section: Medicine

Khanna, Dr Navin Chandra ([http://www.ias.ac.in/describe/fellow/Khanna,\\_Dr\\_Navin\\_Chandra](http://www.ias.ac.in/describe/fellow/Khanna,_Dr_Navin_Chandra))

Ph.D. (AIIMS), FNASc

**Date of birth:** 1 April 1956

**Specialization:** Dengue Subunit Vaccine, Dengue Botanical Drug, Recombinant Proteins of Medical Use

**Address:** International Centre for Genetic Engineering, and Biotechnology, Aruna Asaf Ali Marg, New Delhi 110 067, U.T.

**Contact:**

Office: (011) 2674 2357

Residence: (011) 4176 1859

Mobile: 96501 00229

Fax: (11) 2674 2316

Email: navinkhanna5@gmail.com, navin@icgeb.res.in

<http://www.icgeb.org/navin-khanna.html> (<http://www.icgeb.org/navin-khanna.html>)

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Elected: 2015 | Section: Physics

Khare, Prof. Avinash ([http://www.ias.ac.in/describe/fellow/Khare,\\_Prof.\\_Avinash](http://www.ias.ac.in/describe/fellow/Khare,_Prof._Avinash))

Ph.D. (PRL), FNA, FNASc

**Date of birth:** 23 July 1954

**Specialization:** Plasma Physics, Statistical Mechanics, Critical Phenomena, Plasma Astrophysics

**Address:** Department of Physics & Astrophysics, University of Delhi, Delhi 110 007, U.T.

**Contact:**

Office: (011) 2766 7155

Residence: (011) 2766 6242

Mobile: 97183 28154

Fax: (011) 2766 7061

Email: ak0005@uah.edu, ojavinash@yahoo.co.in

---

Elected: 1991 | Section: Physics

Khare, Prof. Avinash Vasant ([http://www.ias.ac.in/describe/fellow/Khare,\\_Prof.\\_Avinash\\_Vasant](http://www.ias.ac.in/describe/fellow/Khare,_Prof._Avinash_Vasant))

Ph.D. (Calcutta), FNA

**Date of birth:** 20 June 1945

**Specialization:** High Energy & Elementary Particle Physics, Supersymmetric Quantum Mechanics and Nonlinear Dynamics

**Address:** INSA Senior Scientist, Department of Physics, University of Pune, Ganeshkhind, Pune 411 007, Maharashtra

**Contact:**

Mobile: 97653 96369

Email: khare@physics.unipune.ac.in

---

Elected: 2006 | Section: Plant Sciences

Khurana, Prof. Jitendra Paul ([http://www.ias.ac.in/describe/fellow/Khurana,\\_Prof.\\_Jitendra\\_Paul](http://www.ias.ac.in/describe/fellow/Khurana,_Prof._Jitendra_Paul))

Ph.D. (Delhi), FNA, FNASc, FNAAS, FTWAS

**Date of birth:** 30 October 1954

**Specialization:** Photoperception & Signal Transduction in Plants, Structural & Functional Genomics and Plant Hormone Action

**Address:** Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021, U.T.

**Contact:**

Office: (011) 2411 5126  
Residence: (011) 2411 9090  
Mobile: 98113 51217  
Fax: (011) 2411 5270  
Email: khuranaj@genomeindia.org

---

Elected: 2010 | Section: Plant Sciences

Khurana, Prof. Paramjit ([http://www.ias.ac.in/describe/fellow/Khurana,\\_Prof.\\_Paramjit](http://www.ias.ac.in/describe/fellow/Khurana,_Prof._Paramjit))  
Ph.D. (Delhi), FNASc, FNA, FNAAS, FTWAS

**Date of birth:** 15 August 1956

**Specialization:** Plant Biotechnology, Plant Genomics, Plant Developmental Biology

**Address:** Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021, U.T.

**Contact:**

Office: (011) 2411 5096  
Residence: (011) 2411 9090  
Mobile: 97110 06512  
Fax: (011) 2411 5096  
Email: param@genomeindia.org

---

Elected: 1991 | Section: Plant Sciences

Khush, Dr Gurdev Singh ([http://www.ias.ac.in/describe/fellow/Khush,\\_Dr\\_Gurdev\\_Singh](http://www.ias.ac.in/describe/fellow/Khush,_Dr_Gurdev_Singh))  
Ph.D. (UC, Davis), FNA, FRS, FNASc

**Date of birth:** 22 August 1935

**Specialization:** Plant Genetics & Breeding and Biotechnology

**Address:** 39399, Black Hawk Place, Davis, CA 95616-7008, USA

**Contact:**

Office: (+1 530) 750 2440  
Residence: (+1 530) 750 2440  
Fax: (+1 530) 750 2440  
Email: gurdev@khush.org

---

Elected: 1990 | Section: Medicine

Kochupillai, Prof. Narayana Panicker ([http://www.ias.ac.in/describe/fellow/Kochupillai,\\_Prof.\\_Narayana\\_Panicker](http://www.ias.ac.in/describe/fellow/Kochupillai,_Prof._Narayana_Panicker))  
M.D. (AIIMS), FNA, FAMS

**Date of birth:** 10 February 1939

**Specialization:** Internal Medicine, Clinical Endocrinology Metabolism, Diabetes and Biotechnology

**Address:** Flat No. 401, Housing Building, Internatinal Tech Park Limited, Whitefield, Bengaluru 560 068, Karnataka

**Contact:**

Email: kochupillai@gmail.com

---

Elected: 2017 | Section: Mathematical Sciences

Kodiyalam, Prof. Vijay ([http://www.ias.ac.in/describe/fellow/Kodiyalam,\\_Prof.\\_Vijay](http://www.ias.ac.in/describe/fellow/Kodiyalam,_Prof._Vijay))  
Ph.D. (Purdue), FNASc

**Date of birth:** 25 August 1966

**Specialization:** Operator Algebras, Subfactor Theory, Commutative Algebra

**Address:** Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600 113, T.N.

**Contact:**

Office: (044) 2254 3212  
Residence: (044) 2442 2188  
Mobile: 94454 14376

Fax: (044) 2254 1586

Email: vijay@imsc.res.in

<http://www.imsc.res.in/~vijay> (<http://www.imsc.res.in/~vijay>)

---

Elected: 2010 | Section: Plant Sciences

Kohli, Prof. Ravinder Kumar ([http://www.ias.ac.in/describe/fellow/Kohli\\_Prof.\\_Ravinder\\_Kumar](http://www.ias.ac.in/describe/fellow/Kohli_Prof._Ravinder_Kumar))

Ph.D. (GNDU, Amritsar), FNASc, FNAAS, FNA

**Date of birth:** 2 December 1953

**Specialization:** Experimental Ecology, Weed Science, Plantation Forestry and Urban Forestry

**Address:** Vice Chancellor, Central University of Punjab, Mansa Road, Bathinda 151 001, Panjab

**Contact:**

Office: (0164) 243 0586

Residence: (0164) 224 1550

Mobile: 98722 01516

Fax: (0164) 286 4111

Email: rkkohli45@yahoo.com, rkkohli45@gmail.com, vc@cup.ac.in

<http://www.rkkohli.com> (<http://www.rkkohli.com>)

---

Elected: 2010 | Section: Chemistry

Kotha, Prof. Sambasiva R ([http://www.ias.ac.in/describe/fellow/Kotha\\_Prof.\\_Sambasiva\\_R](http://www.ias.ac.in/describe/fellow/Kotha_Prof._Sambasiva_R))

Ph.D. (Hyderabad), FNASc, FNA

**Date of birth:** 10 October 1957

**Specialization:** New Synthetic Methods, Unnatural Amino Acids, Transition Metals in Organic Synthesis

**Address:** Department of Chemistry, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra

**Contact:**

Office: (022) 2576 7160

Residence: (022) 2576 8160

Mobile: 98693 92696

Fax: (022) 2576 7152

Email: srk@chem.iitb.ac.in

<http://www.chem.iitb.ac.in/people/Faculty/prof/sk.html> (<http://www.chem.iitb.ac.in/people/Faculty/prof/sk.html>)

---

Elected: 2016 | Section: Mathematical Sciences

Krishna, Prof. Amalendu ([http://www.ias.ac.in/describe/fellow/Krishna\\_Prof.\\_Amalendu](http://www.ias.ac.in/describe/fellow/Krishna_Prof._Amalendu))

Ph.D. (ISI, Calcutta)

**Date of birth:** 2 August 1971

**Specialization:** Algebraic Cycles, Algebraic K-Theory, Algebraic Geometry

**Address:** School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400 005, Maharashtra

**Contact:**

Office: (022) 2278 2664

Residence: (022) 2278 3187

Mobile: 98691 37436

Email: amal@math.tifr.res.in

---

Elected: 2002 | Section: Earth & Planetary Sciences

Krishna, Prof. Kolluru Sree ([http://www.ias.ac.in/describe/fellow/Krishna\\_Prof.\\_Kolluru\\_Sree](http://www.ias.ac.in/describe/fellow/Krishna_Prof._Kolluru_Sree))

Ph.D. (Andhra), FNASc, FNA

**Date of birth:** 15 October 1958

**Specialization:** Marine Geophysics, Lithospheric Dynamics, Tectonics, Plate Tectonics

**Address:** Centre for Earth, Ocean & Atmospheric Sciences, University of Hyderabad, Hyderabad 500 046, A.P.

**Contact:**

Office: (040) 2313 2669

Residence: 97653 21229

Mobile: 97654 94935

Email: krishna@uohyd.ac.in, nio.krishna@gmail.com

[http://en.wikipedia.org/wiki/kolluru\\_sri\\_krishna](http://en.wikipedia.org/wiki/kolluru_sri_krishna) ([http://en.wikipedia.org/wiki/kolluru\\_sri\\_krishna](http://en.wikipedia.org/wiki/kolluru_sri_krishna))

---

Elected: 1979 | Section: Physics

Krishna, Prof. Padmanabhan ([http://www.ias.ac.in/describe/fellow/Krishna\\_Prof\\_Padmanabhan](http://www.ias.ac.in/describe/fellow/Krishna_Prof_Padmanabhan))

Ph.D. (Banaras), FNA

**Date of birth:** 13 January 1938

**Specialization:** Crystallography, Imperfection in Solids, Education and Science & Society

**Address:** Adviser, Krishnamurti Foundation India, Rajghat Education Centre, Rajghat Fort, Varanasi 221 001, U.P.

**Contact:**

Office: (0542) 244 1289

Residence: (0542) 244 1356

Mobile: 94152 23667

Email: pkrishna@pkrishna.org, pkrishna80@gmail.com

<http://www.pkrishna.org> (<http://www.pkrishna.org>)

---

Elected: 1989 | Section: Engineering & Technology

Krishna, Prof. Rajamani ([http://www.ias.ac.in/describe/fellow/Krishna\\_Prof\\_Rajamani](http://www.ias.ac.in/describe/fellow/Krishna_Prof_Rajamani))

Ph.D. (Manchester)

**Date of birth:** 13 September 1946

**Specialization:** Separations using Nanoporous Materials

**Address:** Professor, Van t-Hoff Institute for Molecular Science, University of Amsterdam, Science Park 904, 1098 XH Amsterdam, Netherlands

**Contact:**

Office: (+31-20) 525 7007

Residence: (+31-20) 627 0990

Fax: (+31-20) 525 5604

Email: r.krishna@contact.uva.nl

<http://orcid.org/0000-0002-4784-8530> (<http://orcid.org/0000-0002-4784-8530>)

---

Elected: 2008 | Section: Earth & Planetary Sciences

Krishna Kumar, Dr Kanikicharla ([http://www.ias.ac.in/describe/fellow/Krishna\\_Kumar\\_Dr\\_Kanikicharla](http://www.ias.ac.in/describe/fellow/Krishna_Kumar_Dr_Kanikicharla))

Ph.D. (Pune)

**Date of birth:** 6 June 1958

**Specialization:** Monsoon Dynamics, Predictability & Prediction, Climate Change & Impacts and Climate Applications

**Address:** Quatar Meteorology Department, Doha, Quatar

**Contact:**

Mobile: (+974) 6622 1358

Email: krishnakumar.kanikicharla@gmail.com

---

Elected: 1993 | Section: Engineering & Technology

Krishna Murty, Prof. Achyutuni Venkata ([http://www.ias.ac.in/describe/fellow/Krishna\\_Murty\\_Prof\\_Achyutuni\\_Venkata](http://www.ias.ac.in/describe/fellow/Krishna_Murty_Prof_Achyutuni_Venkata))

Ph.D. (IISc)

**Date of birth:** 10 October 1938

**Specialization:** Aerospace Engineering, Structural Mechanics, Composites and Smart Structures

**Address:** No. 8, 5th Main, II Cross, NTI Layout, RMV II Stage, Nagashettyhalli, Bengaluru 560 094, Karnataka

**Contact:**

Residence: (080) 2341 0116

Email: avkrishnamurty@yahoo.co.in

---

Elected: 1989 | Section: Physics

Krishna Swamy, Prof. Kittur Subbarao ([http://www.ias.ac.in/describe/fellow/Krishna\\_Swamy,\\_Prof.\\_Kittur\\_Subbarao](http://www.ias.ac.in/describe/fellow/Krishna_Swamy,_Prof._Kittur_Subbarao))  
Ph.D. (UC, Berkeley)

**Date of birth:** 23 April 1938

**Specialization:** Astrophysics

**Address:** Flat 1905, Tower C, Oberoi Springs, Opp. City Mall, Andheri Link Road, Andheri West, Mumbai 400 053, Maharashtra

**Contact:**

Residence: (022) 2674 1864

Email: swamyks205@gmail.com

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Elected: 2008 | Section: Physics

Krishnakumar, Prof. Erumathadathil ([http://www.ias.ac.in/describe/fellow/Krishnakumar,\\_Prof.\\_Erumathadathil](http://www.ias.ac.in/describe/fellow/Krishnakumar,_Prof._Erumathadathil))  
Ph.D. (Gujarat)

**Date of birth:** 28 November 1952

**Specialization:** Electron Ionisation, Photoionisation, Atomic Collision Processes, Molecular dynamics and Electron Control Chemistry

**Address:** Senior Professor, Department of Nuclear & Atomic Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400 005, Maharashtra

**Contact:**

Office: (022) 2278 2502

Residence: (022) 2280 4998

Mobile: 98690 13407

Fax: (022) 2280 4610

Email: ekkumar@tifr.res.in

<http://tifr.res.in/~ekkumar/> (<http://tifr.res.in/~ekkumar/>)

---

Elected: 2000 | Section: General Biology

Krishnamoorthy, Prof. Guruswamy ([http://www.ias.ac.in/describe/fellow/Krishnamoorthy,\\_Prof.\\_Guruswamy](http://www.ias.ac.in/describe/fellow/Krishnamoorthy,_Prof._Guruswamy))  
Ph.D. (Bombay), FNA

**Date of birth:** 10 May 1950

**Specialization:** Biophysical Chemistry, Laser Spectroscopy and Macromolecular Dynamics

**Address:** Honorary Professor, Department of Biotechnology, Anna University, Guindy, Chennai 600 025, T.N.

**Contact:**

Mobile: 77380 41952

Email: gk@tifr.res.in, appagk@gmail.com

---

Elected: 2005 | Section: Earth & Planetary Sciences

Krishnamoorthy, Dr Krishnaswamy ([http://www.ias.ac.in/describe/fellow/Krishnamoorthy,\\_Dr\\_Krishnaswamy](http://www.ias.ac.in/describe/fellow/Krishnamoorthy,_Dr_Krishnaswamy))  
Ph.D. (Kerala), FNA, FNASc

**Date of birth:** 7 January 1952

**Specialization:** Microphysics, Regional Radiative Forcing, Equatorial Aeronomy, Atmospheric Aerosols, Radiation Budget & Climate Science and Climatology

**Address:** Distinguished Visiting Scientist, CAOS, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2505/208

Residence: 94960 50095

Mobile: 99455 30293

Email: kkmoothy@iisc.ac.in, krishnamoorthyspl@gmail.com

---

Elected: 1991 | Section: Physics

Krishnamurthy, Prof. Hulikal Ramaiyengar ([http://www.ias.ac.in/describe/fellow/Krishnamurthy,\\_Prof.\\_Hulikal\\_Ramaiyengar](http://www.ias.ac.in/describe/fellow/Krishnamurthy,_Prof._Hulikal_Ramaiyengar))  
Ph.D. (Cornell), FNA, FNASc, FTWAS, Bose National Fellow

**Date of birth:** 21 September 1951

**Specialization:** Condensed Matter Physics, Statistical Physics and Quantum Many-Body Theory

**Address:** Professor, Department of Physics, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2360 8658, (080) 2293 3282

Residence: (080) 2341 6627

Mobile: 98459 27227

Fax: (080) 2360 2602, (080) 2360 0683

Email: [hkrish@physics.iisc.ernet.in](mailto:hkrish@physics.iisc.ernet.in)

<http://www.physics.iisc.ac.in~hkrish/> (<http://www.physics.iisc.ac.in~hkrish/>)

---

Elected: 2014 | Section: Physics

Krishnamurthy, Prof. Manchikanti ([http://www.ias.ac.in/describe/fellow/Krishnamurthy,\\_Prof.\\_Manchikanti](http://www.ias.ac.in/describe/fellow/Krishnamurthy,_Prof._Manchikanti))  
Ph.D. (Mumbai)

**Date of birth:** 21 April 1969

**Specialization:** Intense Laser Plasma Physics, Atomic & Molecular Physics, Optical Sciences

**Address:** Department of Nuclear & Atomic Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400 005, Maharashtra

**Contact:**

Office: (022) 2278 2685

Residence: (022) 2280 4657

Mobile: 90046 80294

Fax: (022) 2280 4610

Email: [mkrism@tifr.res.in](mailto:mkrism@tifr.res.in)

<http://www.tifr.res.in/~uphill> (<http://www.tifr.res.in/~uphill>)

---

Elected: 1989 | Section: Chemistry

Krishnamurthy, Prof. Setharampattu Seshaiyer  
([http://www.ias.ac.in/describe/fellow/Krishnamurthy,\\_Prof.\\_Setharampattu\\_Seshaiyer](http://www.ias.ac.in/describe/fellow/Krishnamurthy,_Prof._Setharampattu_Seshaiyer))  
Ph.D. (IISc), FNA

**Date of birth:** 21 May 1940

**Specialization:** Main Group Chemistry and Organometallic Chemistry

**Address:** Department of Inorganic and Physical Chemistry, Indian Inst. of Science, Bengaluru 560 012, Karnataka

**Contact:**

Residence: (080) 2351 6293

Mobile: 98454 57190

Email: [sskrish@iisc.ac.in](mailto:sskrish@iisc.ac.in), [sskrish60@yahoo.com](mailto:sskrish60@yahoo.com)

---

Elected: 2017 | Section: Earth & Planetary Sciences

Krishnan, Dr Raghavan ([http://www.ias.ac.in/describe/fellow/Krishnan,\\_Dr\\_Raghavan](http://www.ias.ac.in/describe/fellow/Krishnan,_Dr_Raghavan))  
Ph.D. (Pune)

**Date of birth:** 15 March 1965

**Specialization:** Monsoon & Climate Dynamics, Atmosphere-Ocean-Land System, Monsoon Hydrological Cycle

**Address:** Acting Director, Indian Institute of Tropical Meteorology, Dr Homi Bhabha Road, Pashan, Pune 411 008, Maharashtra

**Contact:**

Office: (020) 2590 4301

Residence: (020) 2589 8886

Mobile: 98817 37976

Fax: (020) 2586 5142

Email: [krish@tropmet.res.in](mailto:krish@tropmet.res.in)

Elected: 1982 | Section: Engineering & Technology

Krishnan, Dr Rangachari ([http://www.ias.ac.in/describe/fellow/Krishnan,\\_Dr\\_Rangachari](http://www.ias.ac.in/describe/fellow/Krishnan,_Dr_Rangachari))

Ph.D. (Mumbai), FNA, FNASc, FNAE

**Date of birth:** 26 December 1935

**Specialization:** Physical Metallurgy and Materials Science

**Address:** F-3, Parkside Manor, 162, 5th Main, Defence Colony, Bengaluru 560 038, Karnataka

**Contact:**

Residence: (080) 2526 8882

Mobile: 99808 47568

Email: rangachari.krishnan@gmail.com

---

Elected: 1974 | Section: Engineering & Technology

Krishnan, Prof. Sankaranarayanaier ([http://www.ias.ac.in/describe/fellow/Krishnan,\\_Prof.\\_Sankaranarayanaier](http://www.ias.ac.in/describe/fellow/Krishnan,_Prof._Sankaranarayanaier))

Ph.D. (Kerala)

**Date of birth:** 26 November 1934

**Specialization:** Electronics and Digital Systems

**Address:** 49, II Cross, P&T Colony, R T Nagar, Bengaluru 560 032, Karnataka

**Contact:**

Residence: (080) 2333 3139

Mobile: 99004 19481

Email: skrish49@hotmail.com

---

Elected: 1984 | Section: Chemistry

Krishnan, Prof. Varadachari ([http://www.ias.ac.in/describe/fellow/Krishnan,\\_Prof.\\_Varadachari](http://www.ias.ac.in/describe/fellow/Krishnan,_Prof._Varadachari))

Ph. D. (IISc), FNA, FTWAS

Council Service: 1989-97, Secretary: 1989-94

**Date of birth:** 8 November 1937

**Specialization:** Bio-inorganic Chemistry

**Address:** Hindustan Lever Research Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru 560 064, Karnataka

**Contact:**

Office: (080) 2208 2759, (080) 2362 2518

Residence: (080) 2341 9380

Fax: (080) 2208 2766

Email: vkrishnan@iisc.ac.in, vkrish@jncasr.ac.in

---

Elected: 1993 | Section: Medicine

Krishnaswamy, Prof. Kamala ([http://www.ias.ac.in/describe/fellow/Krishnaswamy,\\_Prof.\\_Kamala](http://www.ias.ac.in/describe/fellow/Krishnaswamy,_Prof._Kamala))

M.B.B.S. and MD (Osmania), FAMS, FNA, FNASc, FNAAS, FTWAS

**Date of birth:** 4 April 1940

**Specialization:** Internal Medicine, Nutritional Sciences and Clinical Pharmacokinetics

**Address:** Sriniketan, No. 1-2-98/2, Kakatiyanagar Colony, Habsiguda, Hyderabad 500 007, A.P.

**Contact:**

Residence: (040) 2715 3248

Mobile: 98662 35238

Email: sri21kk@hotmail.com, sri21kk@yahoo.com

---

Elected: 2003 | Section: Engineering & Technology

Krupanidhi, Prof. Saluru Baba ([http://www.ias.ac.in/describe/fellow/Krupanidhi,\\_Prof.\\_Saluru\\_Baba](http://www.ias.ac.in/describe/fellow/Krupanidhi,_Prof._Saluru_Baba))

Ph.D. (Delhi), FNA, FNAE

**Date of birth:** 1 July 1951

**Specialization:** Ferroelectrics, III-V & III-Nitride Semiconductors, Thin Films, Epitaxy, Solid State Devices and MEMS

**Address:** Materials Research Centre, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2360 1330, (080) 2293 2781

Residence: (080) 2341 8550

Fax: (080) 2360 7316

Email: sbk@mrc.iisc.ernet.in

---

Elected: 1988 | Section: Engineering & Technology

Kulkarni, Dr Bhaskar Dattatraya ([http://www.ias.ac.in/describe/fellow/Kulkarni,\\_Dr\\_Bhaskar\\_Dattatraya](http://www.ias.ac.in/describe/fellow/Kulkarni,_Dr_Bhaskar_Dattatraya))

Ph.D. (Nagpur), FNA, FNAE, FTWAS

**Date of birth:** 5 May 1949

**Specialization:** Chemical Reaction Engineering and Mathematical Modelling & Simulation

**Address:** INSA Senior Scientist, Chemical Engineering Division, National Chemical Laboratory, Pune 411 008, Maharashtra

**Contact:**

Office: (020) 2590 2772, (020) 2590 2150

Residence: (020) 2590 2402

Mobile: 98817 29726

Fax: (020) 2590 2612

Email: bd.kulkarni@ncl.res.in

---

Elected: 2014 | Section: Chemistry

Kulkarni, Prof. Giridhar Udapi Rao ([http://www.ias.ac.in/describe/fellow/Kulkarni,\\_Prof.\\_Giridhar\\_Udapi\\_Rao](http://www.ias.ac.in/describe/fellow/Kulkarni,_Prof._Giridhar_Udapi_Rao))

Ph.D. (IISc), FNASc

**Date of birth:** 22 July 1963

**Specialization:** Nanomaterials, Nanolithography & Fabrications, Molecular Crystals & Properties

**Address:** Director, Centre for Nano & Soft Matter Sciences, P.B. No. 1329, Jalahalli, Bengaluru 560 013, Karnataka

**Contact:**

Office: (080) 2308 4201, (080) 2838 1347

Residence: (080) 2363 2814

Mobile: 94488 25386

Fax: (080) 2838 2044

Email: guk@cens.res.in, gukulk@gmail.com

<http://www.jncasr.ac.in/kulkarni/> (<http://www.jncasr.ac.in/kulkarni/>)

---

Elected: 1996 | Section: Engineering & Technology

Kulkarni, Dr Mohan Gopalkrishna ([http://www.ias.ac.in/describe/fellow/Kulkarni,\\_Dr\\_Mohan\\_Gopalkrishna](http://www.ias.ac.in/describe/fellow/Kulkarni,_Dr_Mohan_Gopalkrishna))

Ph.D. (Mumbai), FNAE

**Date of birth:** 14 November 1950

**Specialization:** Polymer Science & Engineering, Intellectual Property

**Address:** Emeritus Scientist, Unit for R&D of Information Products, Tapovan, NCL Campus, Pashan Road, Pune 411 008, Maharashtra

**Contact:**

Office: (020) 6900 0864

Residence: (020) 2588 2189

Mobile: 94223 09762

Fax: (020) 2538 3558

Email: mohank@urdip.res.in

---

Elected: 1975 | Section: Physics

Kulkarni, Prof. Prabhakar Vasudeo ([http://www.ias.ac.in/describe/fellow/Kulkarni,\\_Prof.\\_Prabhakar\\_Vasudeo](http://www.ias.ac.in/describe/fellow/Kulkarni,_Prof._Prabhakar_Vasudeo))  
Ph.D. (Pune)

**Date of birth:** 9 October 1930

**Specialization:** Atmospheric Optics, Aeronomy and Infrared Astronomy

**Address:** c/o Dr Narendra P. Kulkarni, 202, Sadguru Co-op. Housing Society, Sector 19, Flat 20, Kharghar, Navi Mumbai 410 210, Maharashtra

**Contact:**

Residence: (022) 2774 5204

Mobile: 99670 31930

Email: nanapvk@gmail.com

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Elected: 2004 | Section: Physics

Kulkarni, Prof. Sulabha Kashinath ([http://www.ias.ac.in/describe/fellow/Kulkarni,\\_Prof.\\_Sulabha\\_Kashinath](http://www.ias.ac.in/describe/fellow/Kulkarni,_Prof._Sulabha_Kashinath))  
Ph.D. (Pune), FNASc, FNA

**Date of birth:** 1 June 1949

**Specialization:** Surface Physics, Materials Science and Nanoscience

**Address:** Centre for Materials for Electronics Technology, Off Dr Homi Bhabha Road, Panchwati, Pune 411 008, Maharashtra

**Contact:**

Mobile: 88884 25978

Email: skknano@gmail.com

---

Elected: 2010 | Section: Engineering & Technology

Kumar, Prof. Anurag ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Anurag](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Anurag))  
Ph.D. (Cornell), FNA, FNAE, FIEEE, FTWAS

**Date of birth:** 13 July 1955

**Specialization:** Wireless Networks, Communication Networks, Stochastic Modelling, Analysis & Optimisation of Distributed Systems

**Address:** Director, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2360 0690, (080) 2293 2222

Residence: (080) 2341 5031

Fax: (080) 2360 0936

Email: diroff@admin.iisc.ernet.in, anurageceiisc@gmail.com

---

Elected: 2004 | Section: Physics

Kumar, Prof. Gattamraju Ravindra ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Gattamraju\\_Ravindra](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Gattamraju_Ravindra))  
Ph.D. (IIT, Kanpur), FNA

**Date of birth:** 15 June 1961

**Specialization:** Interaction of Intense Light Pulses with Matter, High Energy Density Science, Nonlinear Optics

**Address:** Senior Professor, Department of Nuclear & Atomic Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400 005, Maharashtra

**Contact:**

Office: (022) 2278 2381

Residence: (022) 2280 4609

Fax: (022) 2280 4610, (022) 2280 4611

Email: grk@tifr.res.in

<http://www.tifr.res.in/~uphill> (<http://www.tifr.res.in/~uphill>)

---

Elected: 1975 | Section: Plant Sciences

Kumar, Prof. Har Darshan ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Har\\_Darshan](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Har_Darshan))  
Ph.D. (London), FNA, FNASc

**Date of birth:** 25 February 1934

**Specialization:** Algology, Microbial Biotechnology, Genetics, Ecology and Environment

**Address:** Mrigtrishna, B.32/32, H.K. 214, Saketnagar Colony, Naria, Varanasi 221 005, U.P.

**Contact:**

Residence: (0542) 231 5180

Fax: (0542) 231 5180

Email: hdk71@yahoo.co.in, hdkumar@rediffmail.com

---

Elected: 2010 | Section: Medicine

Kumar, Prof. Lalit ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Lalit](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Lalit))

MD (Agra), DM (Madras), FAMS, FNASc

Council Service: 2016-

**Date of birth:** 30 June 1957

**Specialization:** Stem Cell Transplantation, Multiple Myeloma, Haemato-Oncology, Gynaecologic Oncology

**Address:** Head, Department of Medical Oncology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110 029, U.T.

**Contact:**

Office: (011) 2659 3405

Residence: (0124) 238 0828

Mobile: 98114 46828

Fax: (011) 2658 8663

Email: lalitaiims@yahoo.com

---

Elected: 2004 | Section: Plant Sciences

Kumar, Prof. Makarla Udaya ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Makarla\\_Udaya](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Makarla_Udaya))

Ph.D. (Acad. Sci., USSR), FNAAS, FNA, FNASc

**Date of birth:** 15 September 1946

**Specialization:** Molecular Basis of Stress Resistance, Physiology of Water Use Efficiency in Plants and Canopy Photosynthesis

**Address:** Professor, Department of Crop Physiology, University of Agricultural Sciences, GKVK, Bengaluru 560 065, Karnataka

**Contact:**

Office: (080) 2363 6713/25, 2333 0153/355

Residence: (080) 2347 4560, (080) 2337 3357

Mobile: 94483 76357

Fax: (080) 2363 6713

Email: udayakumar\_m@yahoo.com

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Elected: 1979 | Section: Engineering & Technology

Kumar, Prof. Rajinder ([http://www.ias.ac.in/describe/fellow/Kumar,\\_Prof.\\_Rajinder](http://www.ias.ac.in/describe/fellow/Kumar,_Prof._Rajinder))

Ph.D. (Panjab), FNA

Council Service: 2001-2006; Vice-President 2001-2006

**Date of birth:** 9 September 1934

**Specialization:** Multiphase Phenomena

**Address:** Honorary Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru 560 064, Karnataka

**Contact:**

Office: (080) 2208 2786, 2293 2320

Residence: (080) 2334 6394

Mobile: 98452 50473

Fax: (080) 2293 2320, (080) 2360 8121

Email: kumar@iisc.ac.in, kumariisc@gmail.com

---

Elected: 2002 | Section: Chemistry

Kumara Swamy, Prof. Kalasa Chandrasekhar Jois  
([http://www.ias.ac.in/describe/fellow/Kumara\\_Swamy,\\_Prof.\\_Kalasa\\_Chandrasekhar\\_Jois](http://www.ias.ac.in/describe/fellow/Kumara_Swamy,_Prof._Kalasa_Chandrasekhar_Jois))  
Ph.D. (IISc), FNA

**Date of birth:** 1 January 1957

**Specialization:** Organophosphorous Chemistry, Catalytic Organic Chemistry, Transformations Chemistry of Main-Group Elements

**Address:** Professor, School of Chemistry, University of Hyderabad, Hyderabad 500 046, A.P.

**Contact:**

Office: (040) 2313 4856

Residence: 97049 05064

Mobile: 98497 24004

Email: kckssc@uohyd.ac.in, kckssc@yahoo.com

---

Elected: 1999 | Section: Engineering & Technology

Kumaran, Prof. Viswanathan ([http://www.ias.ac.in/describe/fellow/Kumaran,\\_Prof.\\_Viswanathan](http://www.ias.ac.in/describe/fellow/Kumaran,_Prof._Viswanathan))  
Ph.D. (Cornell), FNA, FNAE

**Date of birth:** 17 June 1966

**Specialization:** Hydrodynamic Stability, Dynamics of Complex Fluids and Granular Flows

**Address:** Professor, Department of Chemical Engineering, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 3112

Residence: (080) 2360 1034

Fax: (080) 2360 8121

Email: kumaran@iisc.ac.in

---

Elected: 2006 | Section: General Biology

Kundu, Dr Gopal Chandra ([http://www.ias.ac.in/describe/fellow/Kundu,\\_Dr\\_Gopal\\_Chandra](http://www.ias.ac.in/describe/fellow/Kundu,_Dr_Gopal_Chandra))  
Ph.D. (Calcutta), FNASc

**Date of birth:** 2 November 1959

**Specialization:** Tumour Biology, Regulation of Gene Expression, Angiogenesis and Nanomedicine

**Address:** Scientist G, National Centre for Cell Science, NCCS Complex, Pune 411 007, Maharashtra

**Contact:**

Office: (020) 2570 8104

Mobile: 94225 06548

Fax: (020) 2569 2259

Email: kundu@nccs.res.in, gopalkundu@hotmail.com

---

Elected: 2014 | Section: General Biology

Kundu, Prof. Manikuntala ([http://www.ias.ac.in/describe/fellow/Kundu,\\_Prof.\\_Manikuntala](http://www.ias.ac.in/describe/fellow/Kundu,_Prof._Manikuntala))  
Ph.D. (Calcutta)

**Date of birth:** 17 March 1958

**Specialization:** Stress Response in Mycobacterium Tuberculosis, Immunology of Host Cell Response to Helicobacter Pylori

**Address:** Senior Professor, Department of Chemistry, Bose Institute, 93/1, APC Road, Kolkata 700 009, W.B.

**Contact:**

Office: (033) 2303 1153

Residence: (033) 2533 3454

Mobile: 98303 31255

Fax: (033) 2350 6790

Email: manikuntala@vsnl.net

---

Elected: 2008 | Section: General Biology

Kundu, Dr Tapas Kumar ([http://www.ias.ac.in/describe/fellow/Kundu,\\_Dr\\_Tapas\\_Kumar](http://www.ias.ac.in/describe/fellow/Kundu,_Dr_Tapas_Kumar))

Ph.D. (IISc), FNASc, FNA

**Date of birth:** 2 January 1962

**Specialization:** Mechanisms of Transcriptional Regulation, Epigenetics and Disease, Chemical Biology

**Address:** Transcription & Disease Laboratory, Molecular Biology & Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific, Research, Bengaluru 560 064, Karnataka

**Contact:**

Office: (080) 2208 2840

Residence: (080) 2362 2773

Fax: (080) 2208 2766

Email: [tapas@jncasr.ac.in](mailto:tapas@jncasr.ac.in)

Elected: | Section:

(<http://www.ias.ac.in/describe/fellow/>)

**Date of birth:** ,

**Date of death:**

Past Fellow | Date of election: 1976 | Date of resignation: 1994

Bhargava, P. M.

 (<https://www.youtube.com/channel/UC5Aq2JESu0QLmP9WveZSvbQ>)

 (<https://twitter.com/IAScBng>)

 (<https://www.facebook.com/IAScBng>)

 (<http://www.ias.ac.in/public/blog/index.php/about-this-blog/>)

## ACADEMY NEWS

### THEORY OF EVOLUTION

Posted on 23 January 2018

Joint Statement by the Three Science Academies of India on the teaching of the theory of evolution  
more... (<http://confluence.ias.ac.in/joint-statement-by-the-three-science-academies-of-india/>)



### ACADEMY PUBLIC LECTURE

Posted on 19 January 2018

Seasonal and Pandemic Influenza by Prof. Kanta Subbarao

25 January 2018 at 1600 hrs

Ground floor, Main auditorium, New Biological Sciences Building, IISc

Event Poster ([http://www.ias.ac.in/public/Resources/Events/Academy\\_Public\\_lecture\\_Kanta\\_Subbarao.pdf](http://www.ias.ac.in/public/Resources/Events/Academy_Public_lecture_Kanta_Subbarao.pdf))

### 29TH MID-YEAR MEETING

Posted on 19 January 2018

The 29th Mid-year meeting of the Academy will be held from 29–30 June 2018 in Infosys, Mysuru

### 84TH ANNUAL MEETING

Posted on 19 January 2018

The 84th Annual meeting of the Academy will be held from 2–4 November 2018 in Banaras Hindu University, Varanasi

**NEW FELLOWS AND HONORARY FELLOW ([HTTP://WWW.IAS.AC.IN/ANNOUNCEMENTS/NEW\\_FELLOWS/](http://www.ias.ac.in/announcements/new_fellows/))**

Posted on 1 January 2018

List ([http://www.ias.ac.in/Announcements/New\\_fellows/](http://www.ias.ac.in/Announcements/New_fellows/)) of Fellows and Honorary Fellow elected during 2017 (effective 2018).**SUMMER RESEARCH FELLOWSHIP PROGRAMME 2018 ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FELLOWSHIP2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fellowship2018/index.html))**

Posted on 16 December 2017

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

**FOCUS AREA SCIENCE TECHNOLOGY SUMMER FELLOWSHIP (FAST-SF) ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fastsf2018/index.html))**

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

**INTRODUCING: SUMMER SCHOOLS ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/SUMMERPROGRAM.HTML](http://web-japps.ias.ac.in:8080/fastsf2018/summerprogram.html))**

Posted on 21 December 2017

ASTROPHYSICS: An Observational View of the Universe.

Math Art and Design: MAD about Math, Math Education and Outreach

Math and Finance

**ASSOCIATES – 2017 ([HTTP://WWW.IAS.AC.IN/MYM2017](http://www.ias.ac.in/my2017))**

Posted on 30 August 2017

Click here to see the list ([http://www.ias.ac.in/Announcements/New\\_associates](http://www.ias.ac.in/Announcements/New_associates))**83RD ANNUAL MEETING ([HTTP://WWW.IAS.AC.IN/AM2017](http://www.ias.ac.in/am2017))**

Posted on 01 December 2017

[3 – 5 December 2017 at NEHU, Shillong] (<http://www.ias.ac.in/AM2017>)**Tweets** by @IAScBng**IASc, Bengaluru**  
@IAScBng

Spread the Word !!!#Mathematics

Jan 19, 2018

**IASc, Bengaluru**  
@IAScBngThe January 2018 issue of #Resonance - #Journal of #Science #Education is out !!! Check out at: [ias.ac.in/Journals/Reson...](http://ias.ac.in/Journals/Resonance)**UPCOMING REFRESHER COURSES ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/SEP/REFRESHER\\_COURSE\\_APPROVEDLIST.JSP](http://web-japps.ias.ac.in:8080/sep/refresher_course_approvedlist.jsp))**

Experimental Physics

26th March to 10th April, 2018

Rajiv Gandhi University, Itanagar, Arunachal Pradesh

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/ERPQ.JSP](http://web-japps.ias.ac.in:8080/refreshcourse/erpq.jsp))

Nanotechnology and its applications

16 to 28 April, 2018

K. S. Rangasamy College Of Technology, Tamil Nadu

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/NARC.JSP](http://web-japps.ias.ac.in:8080/refreshcourse/narc.jsp))

Statistical Mechanics

02 to 16 May 2018

Post Graduate and Research Department of Physics, Bishop Moore College, Kerala

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/MECR.JSP](http://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/MECR.JSP))

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## IN REMEMBRANCE

Most recent entry 8 January 2018

The Academy regrets to report the passing of:

- Vallury Visweswara Subrahmanya Sarma ([http://www.ias.ac.in/describe/fellow/Sarma,\\_Prof.\\_Vallury\\_Visweswara\\_Subrahmanya](http://www.ias.ac.in/describe/fellow/Sarma,_Prof._Vallury_Visweswara_Subrahmanya)) (Bengaluru)
- Baldev Raj ([http://www.ias.ac.in/describe/fellow/Baldev\\_Raj,\\_Dr.\\_](http://www.ias.ac.in/describe/fellow/Baldev_Raj,_Dr._)) (Bengaluru)
- G V Subba Rao ([http://www.ias.ac.in/describe/fellow/Subba\\_Rao,\\_Prof.\\_Gundlapalli\\_Venkata](http://www.ias.ac.in/describe/fellow/Subba_Rao,_Prof._Gundlapalli_Venkata)) (USA)

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## Present Fellows

1077 Fellows

[A](http://www.ias.ac.in/listing/fellows/A) [B](http://www.ias.ac.in/listing/fellows/B) [C](http://www.ias.ac.in/listing/fellows/C) [D](http://www.ias.ac.in/listing/fellows/D)  
[E](http://www.ias.ac.in/listing/fellows/E) [F](http://www.ias.ac.in/listing/fellows/F) [G](http://www.ias.ac.in/listing/fellows/G) [H](http://www.ias.ac.in/listing/fellows/H)  
[I](http://www.ias.ac.in/listing/fellows/I) [J](http://www.ias.ac.in/listing/fellows/J) [K](http://www.ias.ac.in/listing/fellows/K)  
[L](http://www.ias.ac.in/listing/fellows/L) [M](http://www.ias.ac.in/listing/fellows/M) [N](http://www.ias.ac.in/listing/fellows/N)  
[O](http://www.ias.ac.in/listing/fellows/O) [P](http://www.ias.ac.in/listing/fellows/P) [Q](http://www.ias.ac.in/listing/fellows/Q) [R](http://www.ias.ac.in/listing/fellows/R)  
[S](http://www.ias.ac.in/listing/fellows/S) [T](http://www.ias.ac.in/listing/fellows/T) [U](http://www.ias.ac.in/listing/fellows/U)  
[V](http://www.ias.ac.in/listing/fellows/V) [W](http://www.ias.ac.in/listing/fellows/W) [X](http://www.ias.ac.in/listing/fellows/X) [Y](http://www.ias.ac.in/listing/fellows/Y) [Z](http://www.ias.ac.in/listing/fellows/Z)

Elected: 1993 | Section: Physics

Chaddah, Dr Praveen ([http://www.ias.ac.in/describe/fellow/Chaddah,\\_Dr\\_Praveen](http://www.ias.ac.in/describe/fellow/Chaddah,_Dr_Praveen))

Ph.D. (Mumbai), FNA, FNASc

**Date of birth:** 20 December 1951**Specialization:** Superconductivity, Low Temperature Physics and Phase Transitions**Address:** Flat 702, Block 24, Heritage City, MG Road (near Metro Station), Gurgaon 122 002, Haryana**Contact:**

Residence: (0124) 428 0243

Mobile: 96301 28811

Email: [chaddah.praveen@gmail.com](mailto:chaddah.praveen@gmail.com)

Elected: 1997 | Section: Physics

Chakrabarti, Prof. Bikas Kanta ([http://www.ias.ac.in/describe/fellow/Chakrabarti,\\_Prof.\\_Bikas\\_Kanta](http://www.ias.ac.in/describe/fellow/Chakrabarti,_Prof._Bikas_Kanta))

Ph.D. (Calcutta), FNA

**Date of birth:** 14 December 1952**Specialization:** Statistical Physics, Condensed Matter Physics and Computational Physics & their Applications to Social Sciences**Address:** Senior Professor, Theoretical Condensed Matter Physics Divn., Saha Institute of Nuclear Physics, 1/AF, Bidhan Nagar, Kolkata 700 064, W.B.**Contact:**

Office: (033) 2337 5345-9/2453, 2321 4869

Residence: (033) 2370 9377

Mobile: 93395 11916

Fax: (033) 2337 4637

Email: [bikask.chakrabarti@saha.ac.in](mailto:bikask.chakrabarti@saha.ac.in)<http://www.saha.ac.in/cmp/bikask.chakrabarti/bikas.html> (<http://www.saha.ac.in/cmp/bikask.chakrabarti/bikas.html>)

Elected: 2000 | Section: Engineering &amp; Technology

Chakrabarti, Prof. Partha Pratim ([http://www.ias.ac.in/describe/fellow/Chakrabarti,\\_Prof.\\_Partha\\_Pratim](http://www.ias.ac.in/describe/fellow/Chakrabarti,_Prof._Partha_Pratim))

Ph.D. (IIT, Kharagpur), FNA, FNAE

**Date of birth:** 1 October 1962**Specialization:** Artificial Intelligence, Computer Aided Design for VLSI and Algorithms**Address:** Director, Indian Institute of Technology, Kharagpur 721 302, W.B.**Contact:**

Office: (03222) 28 2004, (03222) 28 2006

Mobile: 94340 13691

Fax: (03222) 27 7190, (03222) 27 8985,  
Email: ppchak@cse.iitkgp.ernet.in, director@iitkgp.ernet.in  
<http://www.geocities.com/ppchakrabarti> (<http://www.geocities.com/ppchakrabarti>)

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Elected: 1998 | Section: General Biology

Chakrabarti, Prof. Pinakpani ([http://www.ias.ac.in/describe/fellow/Chakrabarti,\\_Prof.\\_Pinakpani](http://www.ias.ac.in/describe/fellow/Chakrabarti,_Prof._Pinakpani))  
Ph.D. (IISc), FNA, FNASc, FTWAS

**Date of birth:** 1 January 1955

**Specialization:** X-ray Crystallography, Structural Biochemistry and Bioinformatics

**Address:** Department of Biochemistry & Bioinformatics Centre, Bose Institute, P-1/12, CIT Scheme, VII M, Kolkata 700 054, W.B.

**Contact:**

Office: (033) 2569 3253

Mobile: 98307 51009

Fax: (033) 2355 3886

Email: pinak@jcbose.ac.in, pinak.chak@gmail.com

<http://www.jcbose.ac.in/faculty-details/pinakpani-chakrabarti> (<http://www.jcbose.ac.in/faculty-details/pinakpani-chakrabarti>)

---

Elected: 2015 | Section: Engineering & Technology

Chakrabarti, Prof. Soumen ([http://www.ias.ac.in/describe/fellow/Chakrabarti,\\_Prof.\\_Soumen](http://www.ias.ac.in/describe/fellow/Chakrabarti,_Prof._Soumen))  
Ph.D. (UC, Berkeley)

**Date of birth:** 14 April 1969

**Specialization:** Web Search & Mining, Graph Information Retrieval

**Address:** Department of Computer Science & Engineering, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra

**Contact:**

Office: (022) 2576 7716

Residence: (022) 2576 8716

Fax: (022) 2572 0022

Email: soumen@cse.iitb.ac.in, soumen.chakrabarti@gmail.com

---

Elected: 2014 | Section: Chemistry

Chakraborti, Prof. Asit Kumar ([http://www.ias.ac.in/describe/fellow/Chakraborti,\\_Prof.\\_Asit\\_Kumar](http://www.ias.ac.in/describe/fellow/Chakraborti,_Prof._Asit_Kumar))  
Ph.D. (Jadavpur)

**Date of birth:** 15 August 1954

**Specialization:** Synthetic Organic Chemistry, Green Chemistry, Medicinal Chemistry

**Address:** Head, Department of Medicinal chemistry, National Institute of Pharmaceutical Education & Research, Sector 67, SAS Nagar 160 062, Panjab

**Contact:**

Office: (0172) 229 2027

Residence: (0172) 223 3841

Mobile: 94177 70515

Fax: (0172) 221 4692

Email: akchakraborti@niper.ac.in, akchakraborti@rediffmail.com

---

Elected: 2010 | Section: General Biology

Chakraborti, Dr Pradip K ([http://www.ias.ac.in/describe/fellow/Chakraborti,\\_Dr\\_Pradip\\_K](http://www.ias.ac.in/describe/fellow/Chakraborti,_Dr_Pradip_K))  
Ph.D. (Visva Bharati), FNASc, FNA

**Date of birth:** 7 November 1956

**Specialization:** Biochemistry and Molecular Microbiology, Prokaryotic Signal Transduction.

**Address:** Department of Biotechnology, School of Chemical & Life Sciences, Jamia Hamdard, Hamdard Nagar, New Delhi 110 062, U.T.

**Contact:**

Office: (011) 2605 9668/5583

Mobile: 98158 63975  
Fax: (011) 2605 9666  
Email: pkchakraborti@jamiahamdard.ac.in, pradipchakraborti@gmail.com

---

Elected: 2018 | Section: Mathematical Sciences

Chakraborty, Prof. Partha Sarathi ([http://www.ias.ac.in/describe/fellow/Chakraborty,\\_Prof.\\_Partha\\_Sarathi](http://www.ias.ac.in/describe/fellow/Chakraborty,_Prof._Partha_Sarathi))  
Ph.D. (ISI), FNASc

**Date of birth:** 18 November 1973

**Specialization:** Operator Algebras, Noncommutative Geometry, Quantum Groups

**Address:** The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600 113, T.N.

**Contact:**

Office: (044) 2254 3252

Residence: (044) 2838 7353

Mobile: 98402 95463

Email: parthac@imsc.res.in, parthacsarathi@yahoo.co.in

<http://www.imsc.res.in/~parthac> (<http://www.imsc.res.in/~parthac>)

---

Elected: 2016 | Section: Plant Sciences

Chakraborty, Dr Subhra ([http://www.ias.ac.in/describe/fellow/Chakraborty,\\_Dr\\_Subhra](http://www.ias.ac.in/describe/fellow/Chakraborty,_Dr_Subhra))  
Ph.D. (JNU)

**Date of birth:** 25 September 1964

**Specialization:** Nutritional & Stress Genomics, Plant proteomics, Molecular Biology, Biotechnology

**Address:** Staff Scientist VII, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110 067, U.T.

**Contact:**

Office: (011) 2673 5186

Residence: (011) 2613 9428

Mobile: 99719 23777

Fax: (011) 2674 1658

Email: schakraborty@nipgr.ac.in, subhrac@hotmail.com

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Elected: 2016 | Section: Engineering & Technology

Chakraborty, Prof. Suman ([http://www.ias.ac.in/describe/fellow/Chakraborty,\\_Prof.\\_Suman](http://www.ias.ac.in/describe/fellow/Chakraborty,_Prof._Suman))  
Ph.D. (IISc), FNASc, FNAE, FNA

**Date of birth:** 8 August 1973

**Specialization:** Thermal & Fluid Science, Micro & Nanoscale Transport, Interfacial Phenomena & Phase Change

**Address:** Department of Mechanical Engineering, Indian Institute of Technology, Kharagpur 721 302, U.P.

**Contact:**

Office: (03222) 28 2990

Residence: (03222) 28 2991

Mobile: 98314 02939

Fax: (03222) 28 2278

Email: suman@mech.iitkgp.ernet.in

---

Elected: 2015 | Section: Chemistry

Chakraborty, Prof. Tapas ([http://www.ias.ac.in/describe/fellow/Chakraborty,\\_Prof.\\_Tapas](http://www.ias.ac.in/describe/fellow/Chakraborty,_Prof._Tapas))  
Ph.D. (Jadavpur)

**Date of birth:** 8 September 1961

**Specialization:** Molecular Spectroscopy, Mass Spectrometry, Gas Phase Photochemistry

**Address:** Department of Physical Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700 032, W.B.

**Contact:**

Office: (033) 2473 4971/1470

Residence: 72781 06229  
Mobile: 98314 90265  
Fax: (033) 2473 2805  
Email: pctc@iacs.res.in, c.tapas@gmail.com  
<http://www.iacs.res.in/physchem/pctc/> (<http://www.iacs.res.in/physchem/pctc/>)

---

Elected: 2003 | Section: Chemistry

Chakraborty, Dr Tushar Kanti ([http://www.ias.ac.in/describe/fellow/Chakraborty,\\_Dr\\_Tushar\\_Kanti](http://www.ias.ac.in/describe/fellow/Chakraborty,_Dr_Tushar_Kanti))  
Ph.D. (IIT, Kanpur), FNASc, FNA

**Date of birth:** 10 April 1957

**Specialization:** Peptides & Peptidomimetics, Organic Synthesis

**Address:** Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2215  
Fax: (080) 2360 0529  
Email: tushar@iisc.ac.in, tusharkantichakraborty@gmail.com

---

Elected: 1995 | Section: Chemistry

Chakravarty, Prof. Akhil Ranjan ([http://www.ias.ac.in/describe/fellow/Chakravarty,\\_Prof.\\_Akhil\\_Ranjan](http://www.ias.ac.in/describe/fellow/Chakravarty,_Prof._Akhil_Ranjan))  
Ph.D. (Calcutta), FNA, FTWAS

**Date of birth:** 20 May 1953

**Specialization:** Bioinorganic Chemistry, Co-ordination Chemistry and Metal-based Anti-Cancer Agents

**Address:** Professor, Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2533  
Residence: (080) 2351 5407  
Mobile: 94482 75407  
Fax: (080) 2360 1552, (080) 2360 0683  
Email: arc@iisc.ac.in, akhilchakravarty@gmail.com  
<http://ipc.iisc.ac.in/arc.html> (<http://ipc.iisc.ac.in/arc.html>)

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Elected: 1975 | Section: Chemistry

Chakravorty, Prof. Animesh ([http://www.ias.ac.in/describe/fellow/Chakravorty,\\_Prof.\\_Animesh](http://www.ias.ac.in/describe/fellow/Chakravorty,_Prof._Animesh))  
Ph.D. (Calcutta), FNA, FTWAS  
[Council Service: 1986-91.](#)

**Date of birth:** 30 June 1935

**Specialization:** Inorganic Chemistry

**Address:** Flat 8/3, 6, Sunny Park, Ballygunge, Kolkata 700 019, W.B.

**Contact:**

Residence: (033) 2485 8327  
Mobile: 94338 01715  
Email: icac@iacs.res.in, animeshc31@gmail.com  
<http://www.iacs.res.in/icac.html> (<http://www.iacs.res.in/icac.html>)

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Elected: 1981 | Section: Engineering & Technology

Chakravorty, Prof. Dipankar ([http://www.ias.ac.in/describe/fellow/Chakravorty,\\_Prof.\\_Dipankar](http://www.ias.ac.in/describe/fellow/Chakravorty,_Prof._Dipankar))  
Ph.D. (Penn. State Univ.), FNA, FTWAS  
[Council Service: 1992-97](#)

**Date of birth:** 3 July 1937

**Specialization:** Materials Science and Nanomaterials

**Address:** INSA Emeritus Scientist, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700 032, W.B.

**Contact:**

Office: (033) 2473 4971/1580

Residence: (033) 2476 1351

Mobile: 98300 61734

Fax: (033) 2473 2805

Email: mlsdc@iacs.res.in

---

Elected: 1993 | Section: Earth & Planetary Sciences

Chander, Prof. Ramesh ([http://www.ias.ac.in/describe/fellow/Chander,\\_Prof.\\_Ramesh](http://www.ias.ac.in/describe/fellow/Chander,_Prof._Ramesh))

Ph.D. (Columbia)

**Date of birth:** 6 September 1939

**Specialization:** Seismology and Geophysics

**Address:** House No. 290, Sector 4, Mansa Devi Complex, Panchkula 134 114, Haryana

**Contact:**

Residence: (0172) 255 5884

Email: profrchander@gmail.com

---

Elected: 1992 | Section: Animal Sciences

Chandola-Saklani, Prof. Asha ([http://www.ias.ac.in/describe/fellow/Chandola-Saklani,\\_Prof.\\_Asha](http://www.ias.ac.in/describe/fellow/Chandola-Saklani,_Prof._Asha))

Ph.D. (Banaras)

**Date of birth:** 3 February 1947

**Specialization:** Ornithology, Conservation Biology and Endocrinology

**Address:** Apeejay Svrn Institute of Biosciences and Clinical Research, Plot 26, Sector 32, Gurgaon 122 001, Haryana

**Contact:**

Office: (0124) 428 6870, (0124) 428 6874

Residence: (011) 4563 9301

Mobile: 99588 85335

Email: ashachandola@gmail.com, ashachandola@apeejay.edu

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Elected: 2005 | Section: Chemistry

Chandra, Prof. Amalendu ([http://www.ias.ac.in/describe/fellow/Chandra,\\_Prof.\\_Amalendu](http://www.ias.ac.in/describe/fellow/Chandra,_Prof._Amalendu))

Ph.D. (IISc), FNA, FNASc

**Date of birth:** 6 October 1963

**Specialization:** Statistical Mechanics of Liquids & Interfaces, Classical & Quantum Simulations and Molecular Modelling

**Address:** Professor, Department of Chemistry, Indian Institute of Technology, Kanpur 208 016, U.P.

**Contact:**

Office: (0512) 259 7241

Residence: (0512) 259 8446

Mobile: 94150 45276

Fax: (0512) 259 6806

Email: amalen@iitk.ac.in

<http://home.iitk.ac.in/~amalen> (<http://home.iitk.ac.in/~amalen>)

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Elected: 1979 | Section: General Biology

Chandra, Prof. Hombe Gowda Sharat ([http://www.ias.ac.in/describe/fellow/Chandra,\\_Prof.\\_Hombe\\_Gowda\\_Sharat](http://www.ias.ac.in/describe/fellow/Chandra,_Prof._Hombe_Gowda_Sharat))

Ph.D. (UC, Berkeley), FNA, FNASc, FTWAS

Council Service: 1986-91, 1998-2000; Secretary: 1986-91; Vice-President: 1998-2000.

**Date of birth:** 11 March 1938

**Specialization:** Genetics and Evolution

**Address:** Centre for Human Genetics, Biotech Park, Phase I, Electronic City, Bengaluru 560 100, Karnataka

**Contact:**

Office: (080) 2852 1831, 2852 1833

Residence: (080) 2663 9353

Fax: (080) 2852 1832

Email: sharat@iisc.ac.in, sharat@chg.res.in

Elected: 2018 | Section: General Biology

Chandra, Prof. Nagasuma ([http://www.ias.ac.in/describe/fellow/Chandra,\\_Prof.\\_Nagasuma](http://www.ias.ac.in/describe/fellow/Chandra,_Prof._Nagasuma))

Ph.D. (Bristol)

**Date of birth:** 16 May 1965**Specialization:** Protein Structure, Algorithm Development, Systems Biology, Bioinformatics, Genomic & Clinical Data Analysis**Address:** Department of Biochemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka**Contact:**

Office: (080) 2293 2892

Residence: (080) 2349 2996

Mobile: 98457 83140

Email: nchandra@iisc.ac.in

<http://proline.physics.iisc.ernet.in/chandralab/> (<http://proline.physics.iisc.ernet.in/chandralab/>)

Elected: 1993 | Section: Chemistry

Chandrakumar, Prof. Narayanan ([http://www.ias.ac.in/describe/fellow/Chandrakumar,\\_Prof.\\_Narayanan](http://www.ias.ac.in/describe/fellow/Chandrakumar,_Prof._Narayanan))

Ph.D. (IIT, Kanpur), FNA

**Date of birth:** 25 November 1951**Specialization:** Dynamic Nuclear Polarisation, Magnetic Resonance Imaging, MR Spectroscopy & Instrumentation and Spin Physics**Address:** MRI-MRS Centre and Department of Chemistry, Indian Institute of Technology, Chennai 600 036, T.N.**Contact:**

Office: (044) 2257 4203, (044) 2257 4920

Residence: (044) 2679 1073

Fax: (044) 2257 4202

Email: nckumar@iitm.ac.in

Elected: 1989 | Section: Chemistry

Chandrasekaran, Prof. Srinivasan ([http://www.ias.ac.in/describe/fellow/Chandrasekaran,\\_Prof.\\_Srinivasan](http://www.ias.ac.in/describe/fellow/Chandrasekaran,_Prof._Srinivasan))

Ph.D. (Madras), FNA, FTWAS

Council Service: 2004-12; Secretary: 2004-2009; Treasurer: 2010-12

**Date of birth:** 15 November 1945**Specialization:** Synthetic Organic Chemistry, Natural Products and Organometallic Chemistry**Address:** INSA Senior Scientist, Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka**Contact:**

Office: (080) 2360 2423, (080) 2293 2404

Residence: (080) 2351 2748

Mobile: 98860 88344

Fax: (080) 2360 2423

Email: scn@iisc.ac.in, chandraorgchem@gmail.com

Elected: 1992 | Section: Chemistry

Chandrasekhar, Prof. Jayaraman ([http://www.ias.ac.in/describe/fellow/Chandrasekhar,\\_Prof.\\_Jayaraman](http://www.ias.ac.in/describe/fellow/Chandrasekhar,_Prof._Jayaraman))

Ph.D. (IIT, Madras), FNA

**Date of birth:** 23 October 1952**Specialization:** Computational Chemistry, Theoretical Organic Chemistry**Address:** Gilead Sciences, 199, E Blaine St, Seattle, WA 98102, USA

**Contact:**

Office: (+1-206) 454 7105

Residence: (+1-425) 298 0560

Email: jayaraman.chandrasekhar@gilead.com

Elected: 2011 | Section: Chemistry

Chandrasekhar, Dr Srivari ([http://www.ias.ac.in/describe/fellow/Chandrasekhar,\\_Dr\\_Srivari](http://www.ias.ac.in/describe/fellow/Chandrasekhar,_Dr_Srivari))

Ph.D. (Osmania), FNASc, FNA

**Date of birth:** 9 March 1964**Specialization:** Natural Product Synthesis, Green Chemistry, Combinatorial Chemistry**Address:** Director, Indian Institute of Chemical Technology, Uppal Road, Hyderabad 500 007, A.P.**Contact:**

Office: (040) 2719 3030, 2719 3210

Residence: (040) 2742 3675

Mobile: 98480 35908

Fax: (040) 2716 0512

Email: srivaric@iict.res.in, director@iict.res.in

Elected: 2003 | Section: Chemistry

Chandrasekhar, Prof. Vadapalli ([http://www.ias.ac.in/describe/fellow/Chandrasekhar,\\_Prof.\\_Vadapalli](http://www.ias.ac.in/describe/fellow/Chandrasekhar,_Prof._Vadapalli))

Ph.D. (IISc), FNA, FNASc, FTWAS

Council Service: 2010-12

**Date of birth:** 6 November 1958**Specialization:** Organometallic Chemistry, Inorganic Rings & Polymers and Many-Group Chemistry**Address:** Centre Director & Distinguished Professor, Tata Institute of Fundamental Research, 36/P, Gopanpally, Hyderabad 500 107, A.P.**Contact:**

Office: (040) 2020 3100, 2020 3101

Mobile: 94151 32221

Email: director@tifrh.res.in, vc@tifrh.res.in

Elected: 2000 | Section: Chemistry

Chandrashekar, Dr Tavarekere Kalliah ([http://www.ias.ac.in/describe/fellow/Chandrashekar,\\_Dr\\_Tavarekere\\_Kalliah](http://www.ias.ac.in/describe/fellow/Chandrashekar,_Dr_Tavarekere_Kalliah))

Ph.D. (IISc), FNASc, FNA, FTWAS

Council Service: 2013-15

**Date of birth:** 1 January 1956**Specialization:** Bio-inorganic Chemistry, Synthetic Inorganic Chemistry and Catalysis**Address:** Senior Professor, School of Chemical Sciences, National Institute of Science Education & Research, Jatni P.O., Khordha 752 050, Orissa**Contact:**

Office: (0674) 249 4444

Residence: (0674) 249 4333

Mobile: 98188 44936

Fax: (0674) 249 4003

Email: tkc@niser.ac.in

<http://www.iitk.ac.in/tkc.html> (<http://www.iitk.ac.in/tkc.html>)

Elected: 1996 | Section: Engineering &amp; Technology

Chandru, Prof. Vijay ([http://www.ias.ac.in/describe/fellow/Chandru,\\_Prof.\\_Vijay](http://www.ias.ac.in/describe/fellow/Chandru,_Prof._Vijay))

Ph.D. (MIT)

**Date of birth:** 7 June 1953**Specialization:** Data Science, Computational Mathematics and Computational Biology**Address:** Chairman, Strand Life Sciences, 591, III Main Road, Sadashivanagar, Bengaluru 560 080, Karnataka

**Contact:**

Office: (080) 4078 7301

Residence: (080) 2361 5038

Mobile: 98452 02820

Fax: (080) 4078 7299

Email: chandru@alum.mit.edu, vijaychandru@iisc.ac.in

<http://in.linkedin.com/in/vijaychandru> (<http://in.linkedin.com/in/vijaychandru>)

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Elected: 2008 | Section: Medicine

Chandy, Dr Mammen ([http://www.ias.ac.in/describe/fellow/Chandy,\\_Dr\\_Mammen](http://www.ias.ac.in/describe/fellow/Chandy,_Dr_Mammen))

MD (Madras), FRACP, FRCPA

**Date of birth:** 30 August 1949

**Specialization:** Hematology, Bone Marrow Transplantation and Molecular Genetics of Blood Diseases

**Address:** Director, Tata Memorial Centre, 14, Major Arterial Road, New Town, Rajarhat, Kolkata 700 156, W.B.

**Contact:**

Office: (033) 6605 7577, (033) 6605 7582

Mobile: 96744 67726

Email: mammen.chandy@tmckolkata.com

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Elected: 2001 | Section: Chemistry

Chattaraj, Prof. Pratim Kumar ([http://www.ias.ac.in/describe/fellow/Chattaraj,\\_Prof.\\_Pratim\\_Kumar](http://www.ias.ac.in/describe/fellow/Chattaraj,_Prof._Pratim_Kumar))

Ph.D. (IIT, Mumbai), FNA, FNASc, FTWAS

**Date of birth:** 26 April 1958

**Specialization:** Hydrogen Storage, Density Functional Theory, Nonlinear Dynamics and Chemical Reactivity, Aromaticity in Metal Clusters

**Address:** Department of Chemistry, Indian Institute of Technology, Kharagpur 721 302, W.B.

**Contact:**

Office: (03222) 28 3304, (03222) 28 2252

Residence: (03222) 28 3305, (03222) 27 8156

Fax: (03222) 25 5303, (03222) 28 2252

Email: pkc@chem.iitkgp.ernet.in, pratim.chattaraj@gmail.com

<http://www.chemistry.iitkgp.ac.in/faculty/pkc/web/> (<http://www.chemistry.iitkgp.ac.in/faculty/pkc/web/>)

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Elected: 2014 | Section: General Biology

Chattarji, Prof. Sumantra ([http://www.ias.ac.in/describe/fellow/Chattarji,\\_Prof.\\_Sumantra](http://www.ias.ac.in/describe/fellow/Chattarji,_Prof._Sumantra))

Ph.D. (Johns Hopkins)

**Date of birth:** 4 January 1962

**Specialization:** Neurobiology, Biophysics, Physiology

**Address:** National Centre for Biological Sciences, GVK Campus, Bengaluru 560 065, Karnataka

**Contact:**

Office: (080) 2366 6525

Residence: (080) 2366 6474

Mobile: 99800 33744

Fax: (080) 2363 6675

Email: shona@ncbs.res.in

<http://www.ncbs.res.in/shona> (<http://www.ncbs.res.in/shona>)

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Elected: 2017 | Section: Medicine

Chatterjee, Prof. Mitali ([http://www.ias.ac.in/describe/fellow/Chatterjee,\\_Prof.\\_Mitali](http://www.ias.ac.in/describe/fellow/Chatterjee,_Prof._Mitali))

MD (Calcutta), Ph.D. (Jadavpur), FNASc, FRCP (London)

**Date of birth:** 2 November 1960

**Specialization:** Pharmacology, Immunology, Parasitology

**Address:** Department of Pharmacology, Institute of PG Medical Education & Research, 244-B, Acharya JC Bose Road, Kolkata 700 020, W.B.

**Contact:**

Office: (033) 2204 1428

Residence: (033) 2454 4567

Mobile: 98300 31523

Fax: (033) 2223 4135

Email: [ilatim@vsnl.net](mailto:ilatim@vsnl.net), [ilatimc@gmail.com](mailto:ilatimc@gmail.com)

---

Elected: 1994 | Section: General Biology

Chatterji, Prof. Dipankar ([http://www.ias.ac.in/describe/fellow/Chatterji,\\_Prof.\\_Dipankar](http://www.ias.ac.in/describe/fellow/Chatterji,_Prof._Dipankar))

Ph.D. (IISc), FNA, FNASc, FTWAS

Council Service: 2007-; Secretary 2010-12; President: 2013-2015

**Date of birth:** 20 April 1951

**Specialization:** Molecular Biology, Biophysical Chemistry and Biomolecular Spectroscopy

**Address:** Honorary Professor, Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2360 0137, (080) 2293 2836

Residence: (080) 2539 2055

Mobile: 98454 04962

Fax: (080) 2360 0535

Email: [dipankar@iisc.ac.in](mailto:dipankar@iisc.ac.in)

---

Elected: 2000 | Section: General Biology

Chattopadhyay, Dr Amitabha ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Dr\\_Amitabha](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Dr_Amitabha))

Ph.D. (SUNY, Stony Brook), FNASc, FNA, FRSC

**Date of birth:** 9 October 1956

**Specialization:** Receptor Biology, Membrane Biology, Molecular & Cellular Neurobiology and Fluorescence Spectroscopy & Microscopy

**Address:** Outstanding Scientist, Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500 007, A.P.

**Contact:**

Office: (040) 2719 2578, 2716 0059

Mobile: 98498 03092

Fax: (040) 2716 0591

Email: [amit@ccmb.res.in](mailto:amit@ccmb.res.in)

<http://www.ccmb.res.in/staff/amit/pages/index.htm> (<http://www.ccmb.res.in/staff/amit/pages/index.htm>)

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Elected: 2016 | Section: Chemistry

Chattopadhyay, Prof. Arun ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Prof.\\_Arun](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Prof._Arun))

Ph.D. (Columbia)

**Date of birth:** 5 December 1964

**Specialization:** Nanoscience & Technology

**Address:** Department of Chemistry, Indian Institute of Technology, Guwahati 781 039, Assam

**Contact:**

Office: (0361) 258 2304

Residence: (0361) 258 4304

Mobile: 99540 06897

Fax: (0361) 258 2349

Email: [arun@iitg.ernet.in](mailto:arun@iitg.ernet.in)

<http://www.iitg.ac.in/arun> (<http://www.iitg.ac.in/arun>)

---

Elected: 2013 | Section: Plant Sciences

Chattopadhyay, Dr Debasis ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Dr\\_Debasis](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Dr_Debasis))

Ph.D. (Calcutta), FNASc, FNA

**Date of birth:** 20 October 1967

**Specialization:** Abiotic Stress of Plants, Plant Virology, Genome Sequencing

**Address:** Staff Scientist VI, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110 067, U.T.

**Contact:**

Office: (011) 2673 5189

Residence: (011) 2673 5148

Mobile: 98682 40645

Fax: (011) 2674 1658

Email: debasis@nipgr.ac.in

[http://www.nipgr.res.in/research/dr\\_dchattopadhyay.php](http://www.nipgr.res.in/research/dr_dchattopadhyay.php) ([http://www.nipgr.res.in/research/dr\\_dchattopadhyay.php](http://www.nipgr.res.in/research/dr_dchattopadhyay.php))

---

Elected: 2004 | Section: General Biology

Chattopadhyay, Dr Dhrubajyoti ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Dr\\_Dhrubajyoti](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Dr_Dhrubajyoti))

Ph.D. (Calcutta), FNASc

**Date of birth:** 11 May 1954

**Specialization:** Enzyme Biotechnology, Transcription, Molecular Virology and Oxidative Stress Response

**Address:** Vice Chancellor, Amity University, New Town, Kolkata 700 135, W.B.

**Contact:**

Residence: (033) 2334 9382

Mobile: 98310 83791

Email: dhrubajyoti@gmail.com, dchattopadhyay@kol.amity.edu

---

Elected: 2008 | Section: Animal Sciences

Chattopadhyay, Prof. Joydev ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Prof.\\_Joydev](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Prof._Joydev))

Ph.D. (Jadavpur)

**Date of birth:** 29 November 1963

**Specialization:** Mathematical Modelling on Ecology & Epidemiology and Eco-epidemiology

**Address:** Agricultural & Ecological Research Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata 700 108, W.B.

**Contact:**

Office: (033) 2575 3231

Residence: (033) 2553 9920

Mobile: 98305 46490

Fax: (033) 2577 3049

Email: joydev@isical.ac.in

---

Elected: 1995 | Section: Engineering & Technology

Chattopadhyay, Prof. Kamanio ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Prof.\\_Kamanio](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Prof._Kamanio))

Ph.D. (Banaras), FNA, FNASc, FNAE

**Date of birth:** 3 March 1950

**Specialization:** Physical Metallurgy and Materials Science & Engineering

**Address:** Honorary Professor, Department of Materials Engineering, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 3522, 2293 2262

Email: kamanio@iisc.ac.in

---

Elected: 2010 | Section: Chemistry

Chattopadhyay, Prof. Nitin ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Prof.\\_Nitin](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Prof._Nitin))

Ph.D. (Jadavpur), FNASc

**Date of birth:** 12 February 1960

**Specialization:** Biophysical Chemistry, Surface Chemistry, Photophysics & Photochemistry, Time-resolved Spectroscopy, Fluorosensing

**Address:** Department of Chemistry, Jadavpur University, Kolkata 700 032, W.B.

**Contact:**

Office: (033) 2457 2776

Mobile: 94339 48648

Fax: (033) 2414 6584

Email: nitin.chattopadhyay@yahoo.com

---

Elected: 2011 | Section: General Biology

Chattopadhyay, Dr Samit ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Dr\\_Samit](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Dr_Samit))

Ph.D. (Calcutta), FNASc, FNA, FTWAS

**Date of birth:** 25 December 1959

**Specialization:** Epigenetics, Chromatin Remodelling & Transcription Regulation, Cancer Biology, Immunomolecular Biology

**Address:** Director, Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Kolkata 700 032, W.B.

**Contact:**

Office: (033) 2473 5368, (033) 2413 1157

Mobile: 98234 09155

Fax: (033) 2473 5197

Email: director@iicb.res.in, samit@iicb.res.in

---

Elected: 2009 | Section: Plant Sciences

Chattopadhyay, Prof. Sudip ([http://www.ias.ac.in/describe/fellow/Chattopadhyay,\\_Prof\\_Sudip](http://www.ias.ac.in/describe/fellow/Chattopadhyay,_Prof_Sudip))

Ph.D. (Calcutta), FNASc, FNA

**Date of birth:** 1 August 1960

**Specialization:** Developmental Biology and Signal Transduction

**Address:** Professor, Department of Biotechnology, National Institute of Technology, Mahatma Gandhi Avenue, Durgapur 713 209, W.B.

**Contact:**

Office: 94347 88029

Mobile: 96792 66581

Fax: (0343) 254 7375

Email: sudipchatto@gmail.com, sudip.chattopadhyay@bt.nitdgp.ac.in

---

Elected: 1998 | Section: Physics

Chaturvedi, Prof. Subhash ([http://www.ias.ac.in/describe/fellow/Chaturvedi,\\_Prof.\\_Subhash](http://www.ias.ac.in/describe/fellow/Chaturvedi,_Prof._Subhash))

D.Phil. (Waikato), FNASc

**Date of birth:** 8 December 1950

**Specialization:** Mathematical Physics, Quantum Optics, Quantum Information and Computation

**Address:** Department of Physics, Indian Institute of Science Education, & Research, Indore Bypass Road, Bhauri, Bhopal 462 066, M.P.

**Contact:**

Mobile: 99596 13709

Email: scifi103@yahoo.com

---

Elected: 1986 | Section: Medicine

Chaturvedi, Prof. Umesh Chandra ([http://www.ias.ac.in/describe/fellow/Chaturvedi,\\_Prof.\\_Umesh\\_Chandra](http://www.ias.ac.in/describe/fellow/Chaturvedi,_Prof._Umesh_Chandra))

M.D. (Lucknow), FRC Path. (London), FAMS, FNA, FNASc, FAAM(USA)

**Date of birth:** 2 March 1939

**Specialization:** Medical Microbiology, Virology and Immunology

**Address:** 201, Annapurna Apartments, No. 1, Bishop Rocky Street, Faizabad Road, Lucknow 226 007, U.P.

**Contact:**

Residence: (0522) 402 6202

Mobile: 94509 13506  
Email: uchaturvedi201@gmail.com

---

Elected: 1992 | Section: Engineering & Technology

Chaudhari, Prof. Raghunath Vitthal ([http://www.ias.ac.in/describe/fellow/Chaudhari\\_Prof.\\_Raghunath\\_Vitthal](http://www.ias.ac.in/describe/fellow/Chaudhari_Prof._Raghunath_Vitthal))  
Ph.D. (Mumbai), FNA, FNAE

**Date of birth:** 17 April 1948

**Specialization:** Homogeneous and Heterogeneous Catalysis, Biomass Conversion; Multiphase Reactors, Chemical Reaction Engineering and Kinetics & Mechanism

**Address:** Deane E Ackers Distinguished Professor, Department of Chemical & Petroleum Engineering, CEBC, The University of Kansas, 1501, Wakarusa Dr A, Suite 110, Lawrence, KS 66047-1803, USA

**Contact:**

Office: (+1-785) 864 1634  
Residence: (+1-785) 218 0036  
Email: rvc1948@ku.edu

---

Elected: 2008 | Section: Chemistry

Chaudhuri, Dr Arabinda ([http://www.ias.ac.in/describe/fellow/Chaudhuri\\_Dr\\_Arabinda](http://www.ias.ac.in/describe/fellow/Chaudhuri_Dr_Arabinda))  
Ph.D. (Rutgers)

**Date of birth:** 6 January 1958

**Specialization:** Dendritic Cell Targeted Cancer Immunotherapy

**Address:** Chief Scientist, Department of Chemical Biology, Indian Institute of Chemical Technology, Uppal Road, Hyderabad 500 007, A.P.

**Contact:**

Office: (040) 2719 3201, (040) 2719 3235  
Residence: (040) 2715 6755  
Mobile: 94400 40582  
Fax: (040) 2719 3370  
Email: arabinda@iiict.res.in, arabindachaudhuri@gmail.com

---

Elected: 1988 | Section: Chemistry

Chaudhuri, Prof. Mihir Kanti ([http://www.ias.ac.in/describe/fellow/Chaudhuri\\_Prof.\\_Mihir\\_Kanti](http://www.ias.ac.in/describe/fellow/Chaudhuri_Prof._Mihir_Kanti))  
Ph.D. (IIT, Kharagpur), Dr rer nat (FRG), FNA

**Date of birth:** 21 July 1947

**Specialization:** Synthesis, Structure & Reactivity, Newer Reagents and Methodologies and Green Chemical Technology

**Address:** Adviser (Education), Government of Assam, Sachivalaya, Dispur, Guwahati 781 006, Assam

**Contact:**

Mobile: 99544 49454  
Fax: (0361) 223 7241  
Email: mihirkanti.chaudhury@gov.in, mkc@tezu.ernet.in

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Elected: 2003 | Section: Mathematical Sciences

Chaudhuri, Prof. Probal ([http://www.ias.ac.in/describe/fellow/Chaudhuri\\_Prof.\\_Probal](http://www.ias.ac.in/describe/fellow/Chaudhuri_Prof._Probal))  
Ph.D. (UC, Berkeley), FNA, FNASc

**Date of birth:** 21 November 1963

**Specialization:** Robust & Nonparametric Statistics, Statistical Computing, Statistical Methods in Pattern Recognition and Image Processing, Modelling & Analysis of Genomic Data

**Address:** Theoretical Statistics and Mathematics Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata 700 108, W.B.

**Contact:**

Office: (033) 2575 3414, (033) 2575 3400  
Residence: (033) 2558 0105  
Mobile: 98317 89429

Fax: (033) 2577 3071, (033) 2577 6035

Email: [probal@isical.ac.in](mailto:probal@isical.ac.in)

<http://www.isical.ac.in/~probal> (<http://www.isical.ac.in/~probal>)

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Elected: 2005 | Section: Engineering & Technology

Chaudhuri, Prof. Subhasis ([http://www.ias.ac.in/describe/fellow/Chaudhuri\\_Prof.\\_Subhasis](http://www.ias.ac.in/describe/fellow/Chaudhuri_Prof._Subhasis))

Ph.D. (UC, San Diego), FNASc, FNAE, FIEEE, FNA

**Date of birth:** 1 March 1963

**Specialization:** Computer Vision and Image Processing

**Address:** KN Bajaj Chair Professor, Dept. of Electrical Engineering, Indian Institute of Technology, Powai, Mumbai 400 076, Maharashtra

**Contact:**

Office: (022) 2576 7437

Residence: (022) 2572 0351

Mobile: 98206 05354

Fax: (022) 2572 3707

Email: [sc@ee.iitb.ac.in](mailto:sc@ee.iitb.ac.in)

<http://www.ee.iitb.ac.in/~sc> (<http://www.ee.iitb.ac.in/~sc>)

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Elected: 1997 | Section: General Biology

Chauhan, Prof. Virander Singh ([http://www.ias.ac.in/describe/fellow/Chauhan\\_Prof.\\_Virander\\_Singh](http://www.ias.ac.in/describe/fellow/Chauhan_Prof._Virander_Singh))

Ph.D. (Delhi), D.Phil. (Oxford), FNA, FNASc

**Date of birth:** 3 March 1950

**Specialization:** Peptide Synthesis & Structure, Malaria Immunology and Malaria Drug Development, Biomarker Discovery

**Address:** Visiting Scientist, International Centre for Genetic Engineering & Biotechnology, NII Campus, Aruna Asaf Ali Marg, New Delhi 110 067, U.T.

**Contact:**

Office: (011) 2674 1260

Residence: (011) 2669 3040

Fax: (011) 2674 2316, (011) 2674 2317

Email: [viranderschauhan@gmail.com](mailto:viranderschauhan@gmail.com)

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Elected: 2011 | Section: Physics

Chengalur, Prof. Jayaram Narayanan ([http://www.ias.ac.in/describe/fellow/Chengalur\\_Prof.\\_Jayaram\\_Narayanan](http://www.ias.ac.in/describe/fellow/Chengalur_Prof._Jayaram_Narayanan))

Ph.D. (Cornell), FNASc

**Date of birth:** 13 June 1969

**Specialization:** Radio Astronomy, Galaxies

**Address:** Senior Professor, National Centre for Radio Astrophysics, Ganeshkhind, Pune 411 007, Maharashtra

**Contact:**

Office: (020) 2571 9248

Residence: (020) 2571 9348

Fax: (020) 2569 7257

Email: [chengalur@ncra.tifr.res.in](mailto:chengalur@ncra.tifr.res.in)

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Elected: 2012 | Section: Engineering & Technology

Chhabra, Prof. Rajendra Prasad ([http://www.ias.ac.in/describe/fellow/Chhabra\\_Prof.\\_Rajendra\\_Prasad](http://www.ias.ac.in/describe/fellow/Chhabra_Prof._Rajendra_Prasad))

Ph.D. (Monash), FNAE, FNASc, FNA

**Date of birth:** 3 January 1953

**Specialization:** Transport Phenomena, Rheology, Non-Newtonian Fluids

**Address:** Department of Chemical Engineering, Indian Institute of Technology, Kanpur 208 016, U.P.

**Contact:**

Office: (0512) 259 7393

Residence: (0512) 259 8916  
Mobile: 98397 41317  
Fax: (0512) 259 0104  
Email: chhabra@iitk.ac.in

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Elected: 1974 | Section: Physics

Chidambaram, Dr Rajagopala ([http://www.ias.ac.in/describe/fellow/Chidambaram,\\_Dr\\_Rajagopala](http://www.ias.ac.in/describe/fellow/Chidambaram,_Dr_Rajagopala))

Ph.D. and D.Sc. (IISc), DSc (h.c.), FNA, FNASc, FTWAS

Council Service: 1989-97; Vice-President: 1992-97

**Date of birth:** 12 November 1936

**Specialization:** High Pressure Physics, Neutron Crystallography, Materials Science and Nuclear Technology

**Address:** Principal Scientific Adviser to the Government of India, 318, Vigyan Bhavan Annexe, Maulana Azad Road, New Delhi 110 001, U.T.

**Contact:**

Office: (011) 2302 2112

Residence: (022) 2556 1315

Fax: (011) 2302 2113, (022) 2550 5132

Email: rc@barc.gov.in, rajachid@gov.in

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Elected: 2009 | Section: Medicine

Chitnis, Dr Chetan Eknath ([http://www.ias.ac.in/describe/fellow/Chitnis,\\_Dr\\_Chetan\\_Eknath](http://www.ias.ac.in/describe/fellow/Chitnis,_Dr_Chetan_Eknath))

Ph.D. (UC, Berkeley), FNA

**Date of birth:** 3 April 1961

**Specialization:** Molecular Parasitology, Vaccine Development for Malaria and Molecular & Cell Biology

**Address:** Head, Malaria Parasite Biology & Vaccine, Institut Pasteur, 28, Rue du Dr Roux, Paris 75015, France

**Contact:**

Office: (+33-1) 4438 9428

Residence: (+33-1) 4288 6350

Mobile: (+33-7) 8785 6133

Fax: (+33-1) 4438 9428

Email: chetan.chitnis@pasteur.fr

---

Elected: 1986 | Section: Physics

Chitre, Prof. Shashikumar Madhusudan ([http://www.ias.ac.in/describe/fellow/Chitre,\\_Prof.\\_Shashikumar\\_Madhusudan](http://www.ias.ac.in/describe/fellow/Chitre,_Prof._Shashikumar_Madhusudan))

Ph.D. (Cambridge), FNA, FNASc

Council Service: 1995-2003; Vice-President: 1998-2003

**Date of birth:** 7 May 1936

**Specialization:** Solar Physics, Relativistic Astrophysics and Gravitational Lenses

**Address:** 201, Vigyan Shila, Juhu-Varsova Link Road, Near 7 Bungalows, Andheri (West), Mumbai 400 061, Maharashtra

**Contact:**

Residence: (022) 2635 3812

Mobile: 98193 66447

Email: kumarchitre@gmail.com

---

Elected: 2015 | Section: Engineering & Technology

Chockalingam, Prof. Ananthanarayanan ([http://www.ias.ac.in/describe/fellow/Chockalingam,\\_Prof.\\_Ananthanarayanan](http://www.ias.ac.in/describe/fellow/Chockalingam,_Prof._Ananthanarayanan))

Ph.D. (IISc), FNA, FNASc, FNAE

**Date of birth:** 10 March 1962

**Specialization:** Wireless Communications, Wireless Networking

**Address:** ECE Department, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 3156

Residence: (080) 2351 6637  
Mobile: 89714 74971  
Fax: (080) 2360 0563  
Email: [achockal@iisc.ac.in](mailto:achockal@iisc.ac.in)  
<http://www.ece.iisc.ernet.in/~achockal> (<http://www.ece.iisc.ernet.in/~achockal>)

---

Elected: 2005 | Section: Engineering & Technology

Chokshi, Prof. Atul Harish ([http://www.ias.ac.in/describe/fellow/Chokshi,\\_Prof.\\_Atul\\_Harish](http://www.ias.ac.in/describe/fellow/Chokshi,_Prof._Atul_Harish))  
Ph.D. (USC., os Angeles), FNASc, FNAE, FNA

**Date of birth:** 24 March 1958

**Specialization:** High Temperature Deformation & Failure, Ceramics and Nanomaterials

**Address:** Department of Materials Engineering, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2684, (080) 2360 1480

Residence: (080) 2848 2409

Fax: (080) 2360 0472

Email: [achokshi@materials.iisc.ernet.in](mailto:achokshi@materials.iisc.ernet.in)

---

Elected: 1980 | Section: Physics

Chopra, Prof. Kasturi Lal ([http://www.ias.ac.in/describe/fellow/Chopra,\\_Prof.\\_Kasturi\\_Lal](http://www.ias.ac.in/describe/fellow/Chopra,_Prof._Kasturi_Lal))  
Ph.D. (British Columbia), FNA, FNAE, FNASc

**Date of birth:** 31 July 1933

**Specialization:** Physics & Technology of Thin Films, Nanomaterials, Surface Science and Technology, Photovoltaics , Vacuum Technology

**Address:** M-70 Kirti Nagar, New Delhi 110 015, U.T.

**Contact:**

Residence: (011) 2515 4114

Mobile: 92134 33266

Email: [choprakl@gmail.com](mailto:choprakl@gmail.com), [choprakl@yahoo.com](mailto:choprakl@yahoo.com)

---

Elected: 1982 | Section: Plant Sciences

Chopra, Prof. Virender Lal ([http://www.ias.ac.in/describe/fellow/Chopra,\\_Prof.\\_Virender\\_Lal](http://www.ias.ac.in/describe/fellow/Chopra,_Prof._Virender_Lal))  
Ph.D. (Edinburgh), D.Sc. (h.c.), FNA, FNASc, FNAAS, FTWAS

**Date of birth:** 9 August 1936

**Specialization:** Genetics & Crop Improvement and Plant Biotechnology

**Address:** A3-210A, Janakpuri, New Delhi 110 058, U.T.

**Contact:**

Residence: (011) 2555 3747

Email: [virenderchopra@yahoo.com](mailto:virenderchopra@yahoo.com)

---

Elected: 1992 | Section: Chemistry

Choudary, Dr Boyapati Manoranjan ([http://www.ias.ac.in/describe/fellow/Choudary,\\_Dr.\\_Boyapati\\_Manoranjan](http://www.ias.ac.in/describe/fellow/Choudary,_Dr._Boyapati_Manoranjan))  
Ph.D. (Gujarat), FNA

**Date of birth:** 10 August 1946

**Specialization:** Homogeneous & Heterogeneous Catalysis, Flow Reactions, Nanotechnology, Nanomedicine

**Address:** Flat No. 312, New MLA & MP Colony, Road No. 10C, Jubilee Hills, Hyderabad 500 034, A.P.

**Contact:**

Residence: 91009 91400

Mobile: 70130 92010

Email: [bmchoudary@gmail.com](mailto:bmchoudary@gmail.com)

---

Elected: 1993 | Section: Engineering & Technology

Choudhary, Dr Vasant Ramchandra ([http://www.ias.ac.in/describe/fellow/Choudhary,\\_Dr\\_Vasant\\_Ramchandra](http://www.ias.ac.in/describe/fellow/Choudhary,_Dr_Vasant_Ramchandra))

Ph.D. (Pune), FNASc, FNA

**Date of birth:** 1 January 1944

**Specialization:** Heterogeneous Catalysis, Zeolites: Adsorption/Catalysis and Natural Gas Conversion/Utilization, Green Chemistry/processes

**Address:** Vasantasha, 1, Green Park, Off DP Road, Aundh, Pune 411 007, Maharashtra

**Contact:**

Residence: (020) 6526 5508

Mobile: 92251 06141

Email: vrc0001@yahoo.co.in, vasantchoudhary00@gmail.com

---

Elected: 2010 | Section: Physics

Choudhury, Prof. Debajyoti ([http://www.ias.ac.in/describe/fellow/Choudhury,\\_Prof.\\_Debajyoti](http://www.ias.ac.in/describe/fellow/Choudhury,_Prof._Debajyoti))

Ph.D. (PRL), FNA, FNASc

**Date of birth:** 18 August 1964

**Specialization:** Cosmology, High Energy Physics

**Address:** Department of Physics & Astrophysics, University of Delhi, Delhi 110 007, U.T.

**Contact:**

Office: (011) 2766 7061

Residence: (011) 2726 1536

Mobile: 92132 11830

Email: debajyoti.choudhury@gmail.com

---

Elected: 2004 | Section: Physics

Chowdhury, Prof. Debashish ([http://www.ias.ac.in/describe/fellow/Chowdhury,\\_Prof.\\_Debashish](http://www.ias.ac.in/describe/fellow/Chowdhury,_Prof._Debashish))

Ph.D. (IIT, Kanpur), FNASc, FNA

**Date of birth:** 10 September 1957

**Specialization:** Statistical Physics, Condensed Matter Physics and Biological Physics

**Address:** Professor, Department of Physics, Indian Institute of Technology, Kanpur 208 016, U.P.

**Contact:**

Office: (0512) 259 7039

Residence: (0512) 259 8465

Fax: (0512) 259 0914, (0512) 259 0260

Email: debch@iitk.ac.in

<http://home.iitk.ac.in/%7Edebch/index.html> (<http://home.iitk.ac.in/%7Edebch/index.html>)

---

Elected: 2015 | Section: General Biology

Chowdhury, Dr Shantanu ([http://www.ias.ac.in/describe/fellow/Chowdhury,\\_Dr\\_Shantanu](http://www.ias.ac.in/describe/fellow/Chowdhury,_Dr_Shantanu))

Ph.D. (Osmania), FNASc

**Date of birth:** 9 September 1968

**Specialization:** Structural & Molecular Biology, Genomics

**Address:** Principal Scientist, Institute of Genomics & Integrative Biology, Sukhdev Vihar, Mathura Road, New Delhi 110 025, U.T.

**Contact:**

Office: (011) 2987 9487

Mobile: 98109 53135

Email: shantanuc@igib.res.in

<http://www.igib.res.in/?q=ShantanuChowdhury> (<http://www.igib.res.in/?q=ShantanuChowdhury>)

---

Elected: 1983 | Section: Physics

Cowsik, Prof. Ramanath ([http://www.ias.ac.in/describe/fellow/Cowsik\\_Prof.\\_Ramanath](http://www.ias.ac.in/describe/fellow/Cowsik_Prof._Ramanath))

Ph.D. (Mumbai), FNA, FNASc, FTWAS

**Date of birth:** 29 August 1940

**Specialization:** Astrophysics, Elementary Particles Cosmology, Gravitation

**Address:** Department of Physics, Washington University in St. Louis, Campus Box 1105, One Brookings Drive, St. Louis, MO 63130-4899, U.S.A.

**Contact:**

Office: (+1-314) 935 4493

Residence: (+1-314) 727 5959

Fax: (+1-314) 935 6219

Email: cowsik@physics.wustl.edu

[http://physics.wustl.edu/people/cowsik\\_ramnath](http://physics.wustl.edu/people/cowsik_ramnath) ([http://physics.wustl.edu/people/cowsik\\_ramnath](http://physics.wustl.edu/people/cowsik_ramnath))

Elected: | Section:

(<http://www.ias.ac.in/describe/fellow/>)

**Date of birth:** ,

**Date of death:**

Past Fellow | Date of election: 1976 | Date of resignation: 1994

Bhargava, P. M.

 (<https://www.youtube.com/channel/UC5Aq2JESu0QLmP9WveZSvbQ>)

 (<https://twitter.com/IAScBng>)

 (<https://www.facebook.com/IAScBng>)

 (<http://www.ias.ac.in/public/blog/index.php/about-this-blog/>)

## ACADEMY NEWS

### THEORY OF EVOLUTION

Posted on 23 January 2018

Joint Statement by the Three Science Academies of India on the teaching of the theory of evolution more... (<http://confluence.ias.ac.in/joint-statement-by-the-three-science-academies-of-india/>)



### ACADEMY PUBLIC LECTURE

Posted on 19 January 2018

Seasonal and Pandemic Influenza by Prof. Kanta Subbarao

25 January 2018 at 1600 hrs

Ground floor, Main auditorium, New Biological Sciences Building, IISc

Event Poster ([http://www.ias.ac.in/public/Resources/Events/Academy\\_Public\\_lecture\\_Kanta\\_Subbarao.pdf](http://www.ias.ac.in/public/Resources/Events/Academy_Public_lecture_Kanta_Subbarao.pdf))

### 29TH MID-YEAR MEETING

Posted on 19 January 2018

The 29th Mid-year meeting of the Academy will be held from 29–30 June 2018 in Infosys, Mysuru

### 84TH ANNUAL MEETING

Posted on 19 January 2018

The 84th Annual meeting of the Academy will be held from 2–4 November 2018 in Banaras Hindu University, Varanasi

## NEW FELLOWS AND HONORARY FELLOW ([HTTP://WWW.IAS.AC.IN/ANNOUNCEMENTS/NEW\\_FELLOWS/](http://www.ias.ac.in/announcements/new_fellows/))

Posted on 1 January 2018

List ([http://www.ias.ac.in/Announcements/New\\_fellows/](http://www.ias.ac.in/Announcements/New_fellows/)) of Fellows and Honorary Fellow elected during 2017 (effective 2018).

## SUMMER RESEARCH FELLOWSHIP PROGRAMME 2018 ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FELLOWSHIP2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fellowship2018/index.html))

Posted on 16 December 2017

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

## FOCUS AREA SCIENCE TECHNOLOGY SUMMER FELLOWSHIP (FAST-SF) ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fastSF2018/index.html))

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

## INTRODUCING: SUMMER SCHOOLS ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/SUMMERPROGRAM.HTML](http://web-japps.ias.ac.in:8080/fastSF2018/summerprogram.html))

Posted on 21 December 2017

ASTROPHYSICS: An Observational View of the Universe.

Math Art and Design: MAD about Math, Math Education and Outreach

Math and Finance

## ASSOCIATES – 2017 ([HTTP://WWW.IAS.AC.IN/MYM2017](http://www.ias.ac.in/my2017))

Posted on 30 August 2017

Click here to see the list ([http://www.ias.ac.in/Announcements/New\\_associates](http://www.ias.ac.in/Announcements/New_associates))

## 83RD ANNUAL MEETING ([HTTP://WWW.IAS.AC.IN/AM2017](http://www.ias.ac.in/am2017))

Posted on 01 December 2017

[3 – 5 December 2017 at NEHU, Shillong] (<http://www.ias.ac.in/AM2017>)

### Tweets by @IAScBng



IASc, Bengaluru  
@IAScBng

Spread the Word !!!#Mathematics

Jan 19, 2018



IASc, Bengaluru  
@IAScBng

The January 2018 issue of #Resonance - #Journal of #Science #Education is out !!! Check out at: [ias.ac.in/Journals/Reson...](http://ias.ac.in/Journals/Resonance)



## UPCOMING REFRESHER COURSES ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/SEP/REFRESHER\\_COURSE\\_APPROVEDLIST.JSP](http://web-japps.ias.ac.in:8080/sep/refresher_course_approvedlist.jsp))

Experimental Physics

26th March to 10th April, 2018

Rajiv Gandhi University, Itanagar, Arunachal Pradesh

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/ERPQ.JSP](http://web-japps.ias.ac.in:8080/refreshercourse/erpq.jsp))

Nanotechnology and its applications

16 to 28 April, 2018

K. S. Rangasamy College Of Technology, Tamil Nadu

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/NARC.JSP](http://web-japps.ias.ac.in:8080/refreshercourse/narc.jsp))

Statistical Mechanics

02 to 16 May 2018

Post Graduate and Research Department of Physics, Bishop Moore College, Kerala

REGISTER ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/MECR.JSP](http://WEB-JAPPS.IAS.AC.IN:8080/REFRESHCOURSE/MECR.JSP))

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## IN REMEMBRANCE

Most recent entry 8 January 2018

The Academy regrets to report the passing of:

- Vallury Visweswara Subrahmanya Sarma ([http://www.ias.ac.in/describe/fellow/Sarma,\\_Prof.\\_Vallury\\_Visweswara\\_Subrahmanya](http://www.ias.ac.in/describe/fellow/Sarma,_Prof._Vallury_Visweswara_Subrahmanya)) (Bengaluru)
- Baldev Raj ([http://www.ias.ac.in/describe/fellow/Baldev\\_Raj,\\_Dr.\\_](http://www.ias.ac.in/describe/fellow/Baldev_Raj,_Dr._)) (Bengaluru)
- G V Subba Rao ([http://www.ias.ac.in/describe/fellow/Subba\\_Rao,\\_Prof.\\_Gundlapalli\\_Venkata](http://www.ias.ac.in/describe/fellow/Subba_Rao,_Prof._Gundlapalli_Venkata)) (USA)

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## Present Fellows

1077 Fellows

[A \(http://www.ias.ac.in/listing/fellows/A\)](http://www.ias.ac.in/listing/fellows/A)
[B \(http://www.ias.ac.in/listing/fellows/B\)](http://www.ias.ac.in/listing/fellows/B)
[C \(http://www.ias.ac.in/listing/fellows/C\)](http://www.ias.ac.in/listing/fellows/C)
[D \(http://www.ias.ac.in/listing/fellows/D\)](http://www.ias.ac.in/listing/fellows/D)
[E \(http://www.ias.ac.in/listing/fellows/E\)](http://www.ias.ac.in/listing/fellows/E)
[F \(http://www.ias.ac.in/listing/fellows/F\)](http://www.ias.ac.in/listing/fellows/F)
[G \(http://www.ias.ac.in/listing/fellows/G\)](http://www.ias.ac.in/listing/fellows/G)
[H \(http://www.ias.ac.in/listing/fellows/H\)](http://www.ias.ac.in/listing/fellows/H)
[I \(http://www.ias.ac.in/listing/fellows/I\)](http://www.ias.ac.in/listing/fellows/I)
[J \(http://www.ias.ac.in/listing/fellows/J\)](http://www.ias.ac.in/listing/fellows/J)
[K \(http://www.ias.ac.in/listing/fellows/K\)](http://www.ias.ac.in/listing/fellows/K)
[L \(http://www.ias.ac.in/listing/fellows/L\)](http://www.ias.ac.in/listing/fellows/L)
[M \(http://www.ias.ac.in/listing/fellows/M\)](http://www.ias.ac.in/listing/fellows/M)
[N \(http://www.ias.ac.in/listing/fellows/N\)](http://www.ias.ac.in/listing/fellows/N)
[O \(http://www.ias.ac.in/listing/fellows/O\)](http://www.ias.ac.in/listing/fellows/O)
[P \(http://www.ias.ac.in/listing/fellows/P\)](http://www.ias.ac.in/listing/fellows/P)
[Q \(http://www.ias.ac.in/listing/fellows/Q\)](http://www.ias.ac.in/listing/fellows/Q)
[R \(http://www.ias.ac.in/listing/fellows/R\)](http://www.ias.ac.in/listing/fellows/R)
[S \(http://www.ias.ac.in/listing/fellows/S\)](http://www.ias.ac.in/listing/fellows/S)
[T \(http://www.ias.ac.in/listing/fellows/T\)](http://www.ias.ac.in/listing/fellows/T)
[U \(http://www.ias.ac.in/listing/fellows/U\)](http://www.ias.ac.in/listing/fellows/U)
[V \(http://www.ias.ac.in/listing/fellows/V\)](http://www.ias.ac.in/listing/fellows/V)
[W \(http://www.ias.ac.in/listing/fellows/W\)](http://www.ias.ac.in/listing/fellows/W)
[X \(http://www.ias.ac.in/listing/fellows/X\)](http://www.ias.ac.in/listing/fellows/X)
[Y \(http://www.ias.ac.in/listing/fellows/Y\)](http://www.ias.ac.in/listing/fellows/Y)
[Z \(http://www.ias.ac.in/listing/fellows/Z\)](http://www.ias.ac.in/listing/fellows/Z)

Elected: 1989    Section: Engineering &amp; Technology


 Jacob, Prof. Kallarackel Thomas ([http://www.ias.ac.in/describe/fellow/Jacob\\_Prof.\\_Kallarackel\\_Thomas](http://www.ias.ac.in/describe/fellow/Jacob_Prof._Kallarackel_Thomas))

Ph.D. (London), D.Sc.(Eng.)(London), FNA, FNAE, FNASc, FIIM

**Date of birth:** 13 May 1944**Specialization:** Thermodynamics of Materials, Phase Equilibria, Materials Extraction & Synthesis, Solid State Sensors and Fuel Cells**Address:** Emeritus Professor, Department of Materials Engineering, Indian Institute of Science, Bengaluru 560 012, Karnataka**Contact:**

Office: (080) 2293 2494

Residence: (080) 2525 2765

Mobile: 98454 79865

Fax: (080) 2360 0472, (080) 2360 0683

Email: [katob@materials.iisc.ernet.in](mailto:katob@materials.iisc.ernet.in)<http://www.met.iisc.ac.in/faculty/ktj.html> (<http://www.met.iisc.ac.in/faculty/ktj.html>)

Elected: 1988    Section: Medicine


 Jacob John, Dr Thekkekara ([http://www.ias.ac.in/describe/fellow/Jacob\\_John,\\_Dr\\_Thekkekara](http://www.ias.ac.in/describe/fellow/Jacob_John,_Dr_Thekkekara))

Ph.D. (Madras), FNA, FNASc, FRCP (Edinburgh), D.Sc.

**Date of birth:** 4 December 1935**Specialization:** Infectious Diseases and Virology**Address:** 439, Civil Supplies Godown Lane, Kamalakshipuram, Vellore 632 002, T.N.**Contact:**

Residence: (0416) 226 7364

Mobile: 78453 38188

Email: [tjacobjohn@yahoo.co.in](mailto:tjacobjohn@yahoo.co.in)

Elected: 2002    Section: Medicine


 Jagannathan, Dr Naranamangalam Raghunathan
([http://www.ias.ac.in/describe/fellow/Jagannathan,\\_Dr\\_Naranamangalam\\_Raghunathan](http://www.ias.ac.in/describe/fellow/Jagannathan,_Dr_Naranamangalam_Raghunathan))

Ph.D. (Madras), FNASc, FAMS, FNA

**Date of birth:** 23 June 1954**Specialization:** Biophysics, Magnetic Resonance Imaging (MRI), In-vivo MR Spectroscopy, Biomolecules, Cancer Research, Functional MR Studies, Metabolomics**Address:** C-I-11, AIIMS Quarters, Ansari Nagar East, New Delhi 110 029, U.T.**Contact:**

Office: (011) 2659 3253, (011) 2658 8533

Residence: (011) 2659 4511  
Mobile: 99682 92774  
Fax: (011) 2658 8663, (011) 2658 8641  
Email: jagan1954@hotmail.com, jagannathannr@aol.com

---

Elected: 2013    Section: Chemistry

Jagirdar, Prof. Balaji Rao ([http://www.ias.ac.in/describe/fellow/Jagirdar,\\_Prof.\\_Balaji\\_Rao](http://www.ias.ac.in/describe/fellow/Jagirdar,_Prof._Balaji_Rao))  
Ph.D. (Kansas State)

**Date of birth:** 9 September 1965

**Specialization:** Organometallic Chemistry, Materials Chemistry, Catalysis

**Address:** Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2825

Residence: (080) 2360 2578

Mobile: 96325 22161

Fax: (080) 2360 1552

Email: jagirdar@iisc.ac.in

<http://ipc.iisc.ernet.in/jagirdar.html> (<http://ipc.iisc.ernet.in/jagirdar.html>)

---

Elected: 1979    Section: Chemistry

Jain, Prof. Dharam Vir Singh ([http://www.ias.ac.in/describe/fellow/Jain,\\_Prof.\\_Dharam\\_Vir\\_Singh](http://www.ias.ac.in/describe/fellow/Jain,_Prof._Dharam_Vir_Singh))  
Ph.D. (USC, Los Angeles), FNA, FNASc

**Date of birth:** 16 June 1933

**Specialization:** Theoretical Chemistry

**Address:** 1529, Sector 49-B, Pushpac Enclave, Chandigarh 160 047, U.T.

**Contact:**

Office: (0172) 253 4415

Mobile: 95692 13466

Email: dvsjain@yahoo.com, dvsjain@pu.ac.in

---

Elected: 1975    Section: Plant Sciences

Jain, Prof. Hari Krishan ([http://www.ias.ac.in/describe/fellow/Jain,\\_Prof.\\_Hari\\_Krishan](http://www.ias.ac.in/describe/fellow/Jain,_Prof._Hari_Krishan))  
Ph.D. (Wales), FNA, FNASc

**Date of birth:** 28 May 1930

**Specialization:** Genetics and Plant Breeding

**Address:** 40, Suryaniketan, I.P. Extension II, Delhi 110 092, U.T.

**Contact:**

Residence: (011) 2237 9560, (011) 2237 3451

Fax: (011) 2215 2560

Email: hkj2008@gmail.com

---

Elected: 2007    Section: Physics

Jain, Prof. Sanjay ([http://www.ias.ac.in/describe/fellow/Jain,\\_Prof.\\_Sanjay](http://www.ias.ac.in/describe/fellow/Jain,_Prof._Sanjay))  
Ph.D. (Bombay)

**Date of birth:** 31 January 1960

**Specialization:** Mathematical Modelling of Complex Systems, Structure, Dynamics and Evolution of Biological & Social Networks, Theoretical Systems Biology

**Address:** Professor, Department of Physics & Astrophysics, University of Delhi, Delhi 110 007, U.T.

**Contact:**

Office: (011) 2766 7725/1342

Residence: (011) 2245 6389

Mobile: 98731 20534  
Fax: (011) 2766 7061  
Email: jain@physics.du.ac.in, jain\_physics@yahoo.co.in  
<http://perople.du.ac.in/~jain/> (<http://perople.du.ac.in/~jain/>)

---

Elected: 1993 | Section: Animal Sciences

Jairajpuri, Prof. Mohammad Shamim ([http://www.ias.ac.in/describe/fellow/Jairajpuri,\\_Prof.\\_Mohammad\\_Shamim](http://www.ias.ac.in/describe/fellow/Jairajpuri,_Prof._Mohammad_Shamim))  
Ph.D. and D.Sc. (Aligarh), D.Litt. (h.c.), FNA, FNASc, FNAAS, F.I.Biol. (London), FTWAS

**Date of birth:** 8 April 1942

**Specialization:** Plant Protection, Nematology, Biological Control, Parasitology and Biological Diversity

**Address:** Flat No. 104, I Floor, Block B, 274, Aslam Manzil, Jamia Magar (Okhla), New Delhi 110 025, U.T.

**Contact:**

Mobile: 95409 81665  
Email: msjairajpuri@gmail.com

---

Elected: 1997 | Section: Medicine

Jameel, Dr Shahid ([http://www.ias.ac.in/describe/fellow/Jameel,\\_Dr\\_Shahid](http://www.ias.ac.in/describe/fellow/Jameel,_Dr_Shahid))  
Ph.D. (Washington State Univ.), FNASc, FNA

**Date of birth:** 8 August 1957

**Specialization:** Molecular Biology and Molecular Virology

**Address:** Chief Executive Officer, The Wellcome Trust/DBT India Alliance, 8-2-684/3/K/19, Kaushik Society, Road NO. 12, Banjara Hills, Hyderabad 500 034, A.P.

**Contact:**

Office: (040) 4027 4888  
Fax: (040) 4018 9449  
Email: shahid.jameel@wellcomedbt.org

---

Elected: 2001 | Section: Engineering & Technology

Jayakrishnan, Prof. Athipettah ([http://www.ias.ac.in/describe/fellow/Jayakrishnan,\\_Prof.\\_Athipettah](http://www.ias.ac.in/describe/fellow/Jayakrishnan,_Prof._Athipettah))  
Ph.D. (IIT, Chennai)

**Date of birth:** 25 April 1953

**Specialization:** Polymer Chemistry, Biomaterials and Controlled Drug Delivery

**Address:** Department of Biotechnology, Indian Institute of Technology, Chennai 600 036, T.N.

**Contact:**

Office: (044) 2257 4129  
Residence: (044) 2257 6129  
Mobile: 99467 92226  
Fax: (044) 2257 4102  
Email: ajk@iitm.ac.in, drjk.sct@gmail.com

---

Elected: 2014 | Section: Earth & Planetary Sciences

Jayananda, Prof. Mudlappa ([http://www.ias.ac.in/describe/fellow/Jayananda,\\_Prof.\\_Mudlappa](http://www.ias.ac.in/describe/fellow/Jayananda,_Prof._Mudlappa))  
Ph.D. (Bangalore), FNASc

**Date of birth:** 1 July 1959

**Specialization:** Solid Earth Geochemistry, Archean Magmatism, Continental Growth, Tectonics

**Address:** Centre for Earth, Ocean & Atmospheric Sciences, University of Hyderabad, Gachibowli, Hyderabad 500 046, A.P.

**Contact:**

Office: (040) 2313 2676  
Mobile: 86184 21127  
Email: mjayan.geol@gmail.com

---

Elected: 1996 | Section: Physics

Jayannavar, Prof. Arun Mallojirao ([http://www.ias.ac.in/describe/fellow/Jayannavar,\\_Prof.\\_Arun\\_Mallojirao](http://www.ias.ac.in/describe/fellow/Jayannavar,_Prof._Arun_Mallojirao))

Ph.D. (IISc), FNA, FNASc

**Date of birth:** 22 July 1956

**Specialization:** Condensed Matter Physics, Stochastic Processes & their Applications to Physical Problems, Classical & Quantum Transport Problems in Random Media and Physics of Mesoscopic Systems

**Address:** Senior Professor, Institute of Physics, Sachivalaya Marg, Bhubaheswar 751 005, Orissa

**Contact:**

Office: (0674) 230 1825

Residence: (0674) 230 6604

Mobile: 99372 03925

Fax: (0674) 230 0142

Email: jayan@iopb.res.in

---

Elected: 2003 | Section: Engineering & Technology

Jayaram, Prof. Vikram ([http://www.ias.ac.in/describe/fellow/Jayaram,\\_Prof.\\_Vikram](http://www.ias.ac.in/describe/fellow/Jayaram,_Prof._Vikram))

Ph.D. (Stanford), FNASc, FNAE, FNA

**Date of birth:** 3 October 1956

**Specialization:** Ceramics, Thin Films, Electron Microscopy and Mechanical Properties

**Address:** Chairman, Department of Materials Engineering, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2263, (080) 2293 3243

Residence: (080) 2334 5110

Fax: (080) 2360 0472, (080) 2360 1198

Email: qjayaram@iisc.ac.in

<http://materials.iisc.ernet.in/~qjayaram/> (<http://materials.iisc.ernet.in/~qjayaram/>)

---

Elected: 2006 | Section: Earth & Planetary Sciences

Jayaraman, Prof. Achuthan ([http://www.ias.ac.in/describe/fellow/Jayaraman,\\_Prof.\\_Achuthan](http://www.ias.ac.in/describe/fellow/Jayaraman,_Prof._Achuthan))

Ph.D. (Gujarat)

**Date of birth:** 21 June 1957

**Specialization:** Atmospheric Science, Aerosols and Radiative Transfer

**Contact:**

Mobile: 70226 06214

Email: jayaraman.achuthan@gmail.com

---

Elected: 1955 | Section: Physics

Jayaraman, Dr Aiyasami ([http://www.ias.ac.in/describe/fellow/Jayaraman,\\_Dr\\_Aiyasami](http://www.ias.ac.in/describe/fellow/Jayaraman,_Dr_Aiyasami))

Ph.D. (Madras)

Council Service: 1956-61, Treasurer: 1956-61

**Date of birth:** 5 December 1926

**Specialization:** High Pressure Physics

**Address:** No. 1527, W. Augusta Avenue, Phoenix, AZ 85021, U.S.A

**Contact:**

Office: (+1-813) 920 8061

Residence: (+1-602) 595 7603

Email: aiyasami.jayaraman@gmail.com

---

Elected: 2011 | Section: Chemistry

Jayaraman, Dr Narayanaswamy ([http://www.ias.ac.in/describe/fellow/Jayaraman,\\_Dr\\_Narayanaswamy](http://www.ias.ac.in/describe/fellow/Jayaraman,_Dr_Narayanaswamy))

Ph.D. (IIT, Kanpur)

**Date of birth:** 25 May 1964

**Specialization:** Carbohydrate Chemistry, Dendrimer Chemistry, Synthetic Organic Chemistry

**Address:** Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 2578

Residence: (080) 2357 0147

Mobile: 94484 63637

Fax: (080) 2360 0529

Email: jayaraman@orgchem.iisc.ernet.in

---

Elected: 1989 | Section: General Biology

Jayaraman, Prof. Ramamirtha ([http://www.ias.ac.in/describe/fellow/Jayaraman,\\_Prof.\\_Ramamirtha](http://www.ias.ac.in/describe/fellow/Jayaraman,_Prof._Ramamirtha))

Ph.D. (Tufts), FNA

**Date of birth:** 10 October 1937

**Specialization:** Molecular Biology and Molecular Genetics

**Address:** R. H. 35, Palaami Enclave, Reserve Line, New Natham Road, Madurai - 625 014, T.N.

**Contact:**

Residence: (0452) 264 2474

Email: ramjayaraman37@yahoo.com

---

Elected: 1992 | Section: Chemistry

Jemmis, Prof. Eluvathingal Devassy ([http://www.ias.ac.in/describe/fellow/Jemmis,\\_Prof.\\_Eluvathingal\\_Devassy](http://www.ias.ac.in/describe/fellow/Jemmis,_Prof._Eluvathingal_Devassy))

Ph.D. (Princeton), FNA, FNASc, FTWAS

Council Service: 2001-2003

**Date of birth:** 31 October 1951

**Specialization:** Theoretical & Computational Chemistry

**Address:** Inorganic & Physical Chemistry Department, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 3347, (080) 2293 3348

Residence: (080) 2367 0324

Mobile: 94835 98097

Fax: (080) 2360 1552

Email: jemmis@iisc.ac.in, jemmis@gmail.com

<http://ipc.iisc.ac.in/jemmis.php> (<http://ipc.iisc.ac.in/jemmis.php>)

---

Elected: 1975 | Section: Engineering & Technology

Jena, Dr Prafulla Kumar ([http://www.ias.ac.in/describe/fellow/Jena,\\_Dr.\\_Prafulla\\_Kumar](http://www.ias.ac.in/describe/fellow/Jena,_Dr._Prafulla_Kumar))

Ph.D. (Utkal)

**Date of birth:** 27 December 1931

**Specialization:** Extractive Metallurgy, Mineral Processing, Environmental Engineering and Materials Processing

**Address:** Chairman, Institute of Advance Technology and Environmental Studies, 80A-831A Lewis Road, Bhubaneswar 751 002, Orissa

**Contact:**

Office: (0674) 243 0243, (0674) 243 6956

Residence: (0674) 243 0363

Mobile: 94376 97999

Email: prof.pkjena\_ates@yahoo.com, iatesbbsr@gmail.com

---

Elected: 1974 | Section: Physics

Jha, Prof. Sudhanshu Shekhar ([http://www.ias.ac.in/describe/fellow/Jha,\\_Prof.\\_Sudhanshu\\_Shekhar](http://www.ias.ac.in/describe/fellow/Jha,_Prof._Sudhanshu_Shekhar))

Ph.D. (Stanford), FNA, FNASc, FTWAS

Council Service: 1989-94, Vice-President: 1989-91

**Date of birth:** 25 December 1940

**Specialization:** Solid State Theory, Quantum Computing and Photonics

**Address:** 402, Vigyanashila, Juhu-Varsova Link Road, 7 Bungalows, Andheri (W), Mumbai 400 061, Maharashtra

**Contact:**

Office: (022) 2576 7588

Residence: (022) 2632 7413

Mobile: 98924 98234

Fax: (022) 2576 7552

Email: ss\_jhain@hotmail.com

---

Elected: 2007 | Section: Engineering & Technology

Jhunjhunwala, Prof. Ashok ([http://www.ias.ac.in/describe/fellow/Jhunjhunwala,\\_Prof.\\_Ashok](http://www.ias.ac.in/describe/fellow/Jhunjhunwala,_Prof._Ashok))

Ph.D. (Maine), FNA, FNASc, FNAE, FIEEE

**Date of birth:** 22 June 1953

**Specialization:** Telecommunications, Computer Networks and Fibre Optics, Solar DC & UDC Technology, Electric Vehicles

**Address:** Professor, Department of Electrical Engineering, Indian Institute of Technology, Chennai 600 036, T.N.

**Contact:**

Office: (044) 2257 0120, (044) 2257 4408

Residence: (044) 2257 0202

Mobile: 98400 16781

Fax: (044) 2257 0120, (044) 2257 4408

Email: ashok@tenet.res.in

---

Elected: 2007 | Section: Physics

Jog, Prof. Chanda Jayant ([http://www.ias.ac.in/describe/fellow/Jog,\\_Prof.\\_Chanda\\_Jayant](http://www.ias.ac.in/describe/fellow/Jog,_Prof._Chanda_Jayant))

Ph.D. (SUNY, Stony Brook), FNASc, FNA, FTWAS

Council Service: 2016-

**Date of birth:** 7 November 1954

**Specialization:** Galactic Dynamics, Interacting & Star Burst Galaxies and Interstellar Molecular Clouds

**Address:** JC Bose National Fellow, Department of Physics, Indian Institute of Science, Bengaluru 560 012, Karnataka

**Contact:**

Office: (080) 2293 3285, (080) 2360 7703

Residence: (080) 2334 2340

Fax: (080) 2360 2602

Email: cjjog@physics.iisc.ernet.in

---

Elected: 1995 | Section: Physics

John, Prof. Pucadyil Ittoop ([http://www.ias.ac.in/describe/fellow/John,\\_Prof.\\_Pucadyil\\_Ittoop](http://www.ias.ac.in/describe/fellow/John,_Prof._Pucadyil_Ittoop))

Ph.D. (Aligarh)

**Date of birth:** 18 March 1941

**Specialization:** Plasma Physics, Intense Particle Beams and Industrial Applications of Plasma

**Address:** 7C, Skyline Hillview, Kanjikuzhy, Kottayam 686 004, Kerala

**Contact:**

Residence: (0481) 257 0431

Mobile: 85890 72431

Email: john.pucadyil@gmail.com

---

Elected: 1983 | Section: General Biology

Johri, Prof. Man Mohan ([http://www.ias.ac.in/describe/fellow/Johri,\\_Prof.\\_Man\\_Mohan](http://www.ias.ac.in/describe/fellow/Johri,_Prof._Man_Mohan))

Ph.D. (Delhi), FNA

**Date of birth:** 15 September 1940

**Specialization:** Plant Biochemistry, Molecular Biology of Plants and Genetic Engineering

**Address:** Flat No. 32, New Cosmos CHSL, Juhu-Versova Link Road, Andheri (W), Mumbai 400 053, Maharashtra

**Contact:**

Residence: (022) 2670 3270

Mobile: 99305 64129

Email: mjohri06915@yahoo.co.in

---

Elected: 1988 | Section: Engineering & Technology

Joseph, Prof. George ([http://www.ias.ac.in/describe/fellow/Joseph,\\_Prof.\\_George](http://www.ias.ac.in/describe/fellow/Joseph,_Prof._George))

Ph.D. (Mumbai), FNASc, FNAE

**Date of birth:** 4 August 1938

**Specialization:** Electro-optics, Space Instrumentation and Remote Sensing

**Address:** 12/D1, Sterling City, Bopal, Ahmedabad 380 058, Gujarat

**Contact:**

Residence: (2717) 23 1535

Mobile: 99782 88287

Email: georgejoseph1938@hotmail.com

<http://www.profgeorge.com/> (<http://www.profgeorge.com/>)

---

Elected: 2005 | Section: Mathematical Sciences

Joseph, Prof. Kayyunnappara Thomas ([http://www.ias.ac.in/describe/fellow/Joseph,\\_Prof.\\_Kayyunnappara\\_Thomas](http://www.ias.ac.in/describe/fellow/Joseph,_Prof._Kayyunnappara_Thomas))

Ph.D. (New York), FNA

**Date of birth:** 4 March 1956

**Specialization:** Hyperbolic Systems of Conservation Laws, Boundary Layers, Parabolic Partial Differential Equations, Burgers Equation and Mass Distribution of Large Scale Structures

**Address:** Senior Professor, TIFR Centre for Applicable Mathematics, P.B. No. 6503, Sharada Nagar, Bengaluru 560 065, Karnataka

**Contact:**

Office: (080) 6695 3718

Mobile: 72591 50130

Fax: (080) 6695 3799

Email: ktj@math.tifrbng.res.in

---

Elected: 2001 | Section: Animal Sciences

Joshi, Prof. Amitabh ([http://www.ias.ac.in/describe/fellow/Joshi,\\_Prof.\\_Amitabh](http://www.ias.ac.in/describe/fellow/Joshi,_Prof._Amitabh))

Ph.D. (Washington State), FNASc, FNA

**Date of birth:** 4 March 1965

**Specialization:** Population & Quantitative Genetics, Evolutionary Genetics and Population Ecology

**Address:** Professor, Evolutionary & Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur P.O., Bengaluru 560 064, Karnataka

**Contact:**

Office: (080) 2208 2802, (080) 2208 2803

Mobile: 93413 54233

Fax: (080) 2208 2767, (080) 2208 2766

Email: ajoshi@jncasr.ac.in

<http://www.jncasr.ac.in/eobu/ajoshi/> (<http://www.jncasr.ac.in/eobu/ajoshi/>)

---

Elected: 1991 | Section: Engineering & Technology

Joshi, Prof. Jyeshtharaj Bhalchandra ([http://www.ias.ac.in/describe/fellow/Joshi,\\_Prof.\\_Jyeshtharaj\\_Bhalchandra](http://www.ias.ac.in/describe/fellow/Joshi,_Prof._Jyeshtharaj_Bhalchandra))

Ph.D. (Tech.)(Mumbai), FNA, FTWAS, FNAE

**Date of birth:** 28 May 1949

**Specialization:** Atomic & Bioenergy, Fluid Mechanics, Reactor Design Absorption of NO<sub>x</sub> Gases and Solar Energy

**Address:** Honorary Distinguished Professor, Institute of Chemical Technology, University of Bombay, Matunga, Mumbai 400 019, Maharashtra

**Contact:**

Office: (022) 3361 2106

Residence: (022) 2411 5448

Mobile: 98208 45915

Fax: (022) 3361 1020

Email: jbjoshi@gmail.com

---

Elected: 1992 | Section: Animal Sciences

Joshi, Dr Niranjan Vasudeo ([http://www.ias.ac.in/describe/fellow/Joshi,\\_Dr\\_Niranjan\\_Vasudeo](http://www.ias.ac.in/describe/fellow/Joshi,_Dr_Niranjan_Vasudeo))

Ph.D. (IISc)

**Date of birth:** 14 December 1951

**Specialization:** Statistical Analysis, Mathematical Modelling in Biology

**Contact:**

Email: nvjoshi@iisc.ac.in

---

Elected: 1974 | Section: Physics

Joshi, Prof. Shri Krishna ([http://www.ias.ac.in/describe/fellow/Joshi,\\_Prof.\\_Shri\\_Krishna](http://www.ias.ac.in/describe/fellow/Joshi,_Prof._Shri_Krishna))

D.Phil. (Allahabad), FNA, FNASc, FTWAS

Council Services: 1989-91; Vice-President: 1989-91.

**Date of birth:** 6 June 1935

**Specialization:** Solid State Physics and Atomic & Molecular Collisions

**Address:** JNCASR Vikram Sarabhai Professor, National Physical Laboratory, Dr K.S. Krishnan Road, New Delhi 110 012, U.T.

**Contact:**

Office: (011) 4560 9363, (011) 2573 2016

Residence: (0124) 238 3700

Mobile: 98993 33258

Fax: (011) 4560 9358

Email: skjoshi@mail.nplindia.ernet.in, skjoshinpl@gmail.com

---

Elected: 1996 | Section: Physics

Joshi, Prof. Anjan Sidhvantlal ([http://www.ias.ac.in/describe/fellow/Joshi,\\_Prof.\\_Anjan\\_Sidhvantlal](http://www.ias.ac.in/describe/fellow/Joshi,_Prof._Anjan_Sidhvantlal))

Ph.D. (Mumbai), FNA, FNASc

**Date of birth:** 11 June 1950

**Specialization:** Theoretical High Energy Physics

**Address:** Honorary Scientist, Theory Group, Physical Research Laboratory, Navrangpura, Ahmedabad 380 009, Gujarat

**Contact:**

Office: (079) 2631 4938

Residence: (079) 4005 8842

Fax: (079) 2631 4460

Email: anjan@prl.res.in

---

Elected: 1989 | Section: Chemistry

Junjappa, Prof. Hiriyakkanavar ([http://www.ias.ac.in/describe/fellow/Junjappa,\\_Prof.\\_Hiriyakkanavar](http://www.ias.ac.in/describe/fellow/Junjappa,_Prof._Hiriyakkanavar))

Ph.D. (Karnatak), FNA

**Date of birth:** 23 June 1936

**Specialization:** Synthetic & Mechanistic Organic Chemistry

**Address:** Flat No. 002, Block 8, Heritage Estate, Doddaballapur Road, Yelahanka, Bengaluru 560 064, Karnataka

**Contact:**

Residence: (080) 4204 6874  
Mobile: 98453 72078  
Email: junjappa\_123@rediffmail.com

Elected: | Section:

(<http://www.ias.ac.in/describe/fellow/>)

**Date of birth:** ,

**Date of death:**

Past Fellow | Date of election: 1976 | Date of resignation: 1994

Bhargava, P. M.

 (<https://www.youtube.com/channel/UC5Aq2JESu0QLmP9WveZSvbQ>)

 (<https://twitter.com/IAScBng>)

 (<https://www.facebook.com/IAScBng>)

 (<http://www.ias.ac.in/public/blog/index.php/about-this-blog/>)

ACADEMY NEWS

## THEORY OF EVOLUTION

Posted on 23 January 2018

Joint Statement by the Three Science Academies of India on the teaching of the theory of evolution  
more... (<http://confluence.ias.ac.in/joint-statement-by-the-three-science-academies-of-india/>)



## ACADEMY PUBLIC LECTURE

Posted on 19 January 2018

Seasonal and Pandemic Influenza by Prof. Kanta Subbarao

25 January 2018 at 1600 hrs

Ground floor, Main auditorium, New Biological Sciences Building, IISc

Event Poster ([http://www.ias.ac.in/public/Resources/Events/Academy\\_Public\\_lecture\\_Kanta\\_Subbarao.pdf](http://www.ias.ac.in/public/Resources/Events/Academy_Public_lecture_Kanta_Subbarao.pdf))

## 29TH MID-YEAR MEETING

Posted on 19 January 2018

The 29th Mid-year meeting of the Academy will be held from 29–30 June 2018 in Infosys, Mysuru

## 84TH ANNUAL MEETING

Posted on 19 January 2018

The 84th Annual meeting of the Academy will be held from 2–4 November 2018 in Banaras Hindu University, Varanasi

## NEW FELLOWS AND HONORARY FELLOW ([HTTP://WWW.IAS.AC.IN/ANNOUNCEMENTS/NEW\\_FELLOWS/](http://www.ias.ac.in/ANNOUNCEMENTS/NEW_FELLOWS/))

Posted on 1 January 2018

List ([http://www.ias.ac.in/Announcements/New\\_fellows/](http://www.ias.ac.in/Announcements/New_fellows/)) of Fellows and Honorary Fellow elected during 2017 (effective 2018).

**SUMMER RESEARCH FELLOWSHIP PROGRAMME 2018 ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FELLOWSHIP2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fellowship2018/index.html))**

Posted on 16 December 2017

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

**FOCUS AREA SCIENCE TECHNOLOGY SUMMER FELLOWSHIP (FAST-SF) ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/INDEX.HTML](http://web-japps.ias.ac.in:8080/fastsf2018/index.html))**

REGISTRATIONS CLOSED.

Announcement of selected candidates will commence towards the end of February

**INTRODUCING: SUMMER SCHOOLS ([HTTP://WEB-JAPPS.IAS.AC.IN:8080/FASTSF2018/SUMMERPROGRAM.HTML](http://web-japps.ias.ac.in:8080/fastsf2018/summerprogram.html))**

Posted on 21 December 2017

ASTROPHYSICS: An Observational View of the Universe.

Math Art and Design: MAD about Math, Math Education and Outreach

Math and Finance

**ASSOCIATES – 2017 ([HTTP://WWW.IAS.AC.IN/MYM2017](http://www.ias.ac.in/my2017))**

Posted on 30 August 2017

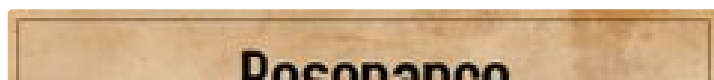
Click here to see the list ([http://www.ias.ac.in/Announcements/New\\_associates](http://www.ias.ac.in/Announcements/New_associates))**83RD ANNUAL MEETING ([HTTP://WWW.IAS.AC.IN/AM2017](http://www.ias.ac.in/am2017))**

Posted on 01 December 2017

[3 – 5 December 2017 at NEHU, Shillong] (<http://www.ias.ac.in/am2017>)**Tweets** by @IAScBng**IASc, Bengaluru**  
@IAScBng

Spread the Word !!!#Mathematics

Jan 19, 2018

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| <b>Name</b>                   | Professor A Khare<br>(Professor Avinash Khare)               |
| <b>FNA ID</b>                 | P12-1577                                                     |
| <b>Address</b>                | Department of Physics and Astrophysics, University of Delhi, |
| <b>City</b>                   | Delhi                                                        |
| <b>Pin Code</b>               | 110007                                                       |
| <b>Country</b>                | India                                                        |
| <b>Gender</b>                 | Male                                                         |
| <b>Specialization</b>         | Plasma Physics, Statistical Mechanics, Critical Phenomenon   |
| <b>Service in the Council</b> |                                                              |
| <b>Qualification</b>          | PhD                                                          |
| <b>Membership</b>             | NASI, IAS, APS, PSSI, IGU                                    |
| <b>Award</b>                  | Homi Bhabha fellowship award, FNASc, FASc                    |
| <b>Year of Election</b>       | 2012                                                         |
| <b>E-mail</b>                 | ak0005@uah.edu,ojavinash@yahoo.co.in                         |
| <b>Personal Website</b>       |                                                              |

### Summary

Avinash Khare (or K. Avinash in publications) obtained B. Sc (Hon) in physics from University of Delhi, M. Sc from APS University Rewa and PhD from Physical Research Lab (PRL) Ahmedabad in the year 1984. He then joined Plasma Physics Program in PRL which later became Institute for Plasma (IPR) in 1986. He worked in IPR till 2003. In between he spent two years (1986-1989) at Culham Lab Oxford University England, and University of California San Diego in 1995. In 2001 he joined the Department of Physics University of Iowa USA and later moved to Columbia University New York in 2004-5. In 2005 he returned to India and joined University of Delhi where he is currently professor.

**Academic and Research achievements:** In a research career spanning over 33 years (151 papers approx), Prof Khare has made a number of new and important contributions in fields ranging from dusty plasmas, astrophysical scenarios involving plasmas/dust, complex plasmas and soft condensed matter physics, non neutral plasmas, fusion plasmas, plasma propulsion, ultra cold neutral plasmas, structure formation and other non linear processes in helio-sheath and IST, transport of interstellar grains, Non-Archimedean algebra and its application to cosmology, gravitation and computers. In the field of dusty plasmas his major findings include, a theory of critical point and phase coexistence, extensive studies of linear and nonlinear propagation of waves and pulses in plasma crystal lattices, the ideas of plasma engine and heat pump, a theory of equilibrium and collapse of dust clouds and mass limit and a hydrodynamic theory of void formation. He also predicted the idea of Electrostatic pressure (ES) in complex plasmas which was later verified in experiments. In the field plasma thruster he proposed the idea of dust thruster. In the field of Non neutral plasmas his major finding are the toroidal equilibrium with and without external fields which was later verified in experiments. In fusion plasma his major findings are a theory of ideal internal kinks, and the idea of generalized helicity invariants. In the area of Heliospheric plasma he has studied the transport of interstellar grains into the heliosheath to interpret the contamination of the cosmic microwave background by the infrared radiation from the grains within the heliosheath. In the area of mathematics he proposed a new algebra, i.e. the algebra of Non-Archimedean numbers and applied it to gravitation and special relativity and showed that the red shift can arise in a static universe. It was also proposed as solution of the problems of floating point over or under flow errors in numerical computation.

### Awards and Honors:

Prof Khare is a Fellow, Indian National Science Academy (NASI), Allahabad, Indian Academy of Sciences, Bangalore, and the recipient of the Homi Bhabha Fellowship award (1993-95), He was President, Plasma Science Society of India (2010-2012) and the Vice-President from 2000 to 2002. He

is Chairman, International advisory Committee (IAC) of the International Conference on the Physics of Dusty Plasmas (ICPDP). He is a Member of the organizing committees of COSPAR, International conference in Plasma Physics (ICPP), International program committee Asia Pacific Fusion Association conference, International advisory committee Plasma College, AS International center of theoretical Physics, Trieste Italy, He has been the Associate Editor, Journal of Plasma Physics (Cambridge, U.K.) and on the Editorial Board, Indian Journal of Physics, A & B (1998-2002),. He has been Associate of ICTP (1996- 2000) and IUCAA, Pune (2006-2008).

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|                               |                                                              |
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| <b>Name</b>                   | Professor D Choudhury<br>(Professor Debajyoti Choudhury)     |
| <b>FNA ID</b>                 | P14-1638                                                     |
| <b>Address</b>                | Department of Physics and Astrophysics, University of Delhi, |
| <b>City</b>                   | New Delhi                                                    |
| <b>Pin Code</b>               | 110007                                                       |
| <b>Country</b>                | India                                                        |
| <b>Gender</b>                 | Male                                                         |
| <b>Specialization</b>         | Theoretical High Energy Physics                              |
| <b>Service in the Council</b> |                                                              |
| <b>Qualification</b>          | PhD                                                          |
| <b>Membership</b>             | FASc                                                         |
| <b>Award</b>                  |                                                              |
| <b>Year of Election</b>       | 2014                                                         |
| <b>E-mail</b>                 | debajyoti.choudhury@gmail.com                                |
| <b>Personal Website</b>       |                                                              |
| <b>Summary</b>                |                                                              |

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1996 **KADALBAJOO, Mohan Krishen** (b. 1949) Ph.D., Distinguished Professor, Department of Mathematics, The LMN Institute of Information Technology, Rupa Ki Nangal, Post Sumel, Via-Jamdoli, Jaipur - 302031; Tel: 09450346470(M); Email: kadal@iitk.ac.in; Sp. **Numerical Analysis.**

2002 **KAKODKAR, Anil** (b. 1943) DSc(hc),FNAE,FASc,FIE, President, NASI; Chairman, TIFAC, Members, AEC, Bhabha Atomic Research Centre, Trombay, Mumbai - 400085; Res. Flat No. 1104, Building No.5, Accolade Cooperative Housing Society, Hajuri Dargah Road, Behind LIC, Thane West, Mumbai - 400604; Tel: (022) 25595412, 25505210(O), 25828899(R); Fax: 25505110; Email: kakodkar@barc.gov.in; kakodkaranil@gmail.com; Sp. **Nuclear Reactor Engineering/Structural Engineering/Nuclear Safety.**

2013 **KALIA, Vipin Chandra** (b. 1956) PhD,FAMI, Emeritus Scientist, Microbial Biotechnology and Genomics, CSIR-Institute of Genomics & Integrative Biology, Mall Road, Delhi - 110007; Res. Pocket F/105A, Mayur Vihar, Phase II, Delhi - 110091; Tel: (011)27666156, 27662133 Ext.132(O), 43012465(R), 09811428365(M); Fax: 27667471, 27416489; Email: vckalia@igib.res.in; vc\_kalia@yahoo.co.in; Sp. **Microbial Genomics/Bioenergy/Biopolymers.**

2017 **KALRA, Alok** (b. 1959) PhD,FNAAS, Chief Scientist, Central Institute of Medicinal and Aromatic Plants, Lucknow - 226015; Res. E-6, CIMAP Colony, Vikas Nagar, Sector 7, Lucknow - 226015; Tel: (0522) 2718634(O), 09415020340(M); Email: a.kalra@cimap.res.in; alokkalra@hotmail.com; Sp. **Plant Pathology/Agricultural Microbiology/Medicinal and Aromatic Plants.**

1978 **KALRA, Veena** (b. 1946) M.B.B.S.,M.D.(Pediatrics), Additional Professor, Department of Pediatrics, All India Institute of Medical Sciences, New Delhi-110029; Res. D-11/1 Ansari Nagar, New Delhi - 110029; Tel: 011-661123/209(O), 6865470(R); Sp. **Pediatrics (Pediatric Neurology and Liver Diseases of Children).**

1999 **KAMAL, Ahmed** (b. 1956) Ph.D., Outstanding Scientist, Indian Institute of Chemical Technology, Hyderabad - 500007; Res. H.No. 8-2-619, Road No. 11, Banjara Hills, Hyderabad - 500034; Tel: (040) 27193157, 27160123 Ext.1633(O), 23319370(R); Fax: 27193189, 27160512; Email: ahmedkamal@iiict.res.in; Sp. **Medicinal Chemistry/Organic Chemistry/Bioorganic Chemistry.**

1997 **KAMBOJ, Kamal Kumar** (b. 1955) Ph.D., Assistant Director, Division of Parasitology, Central Drug Research Institute, Lucknow - 226001; Res. 4665 Golden Ridge Trail, Andover Woods, Portage, MI 49024, USA; Tel: 0522-212411-18(4418)(O); Email: root@cscdri.res.nic.in; Sp. **Parasitology.**

1991 **KAMBOJ, Ved Prakash** (b. 1937) PhD,DSc,FNA,Mem NYASc, Formerly Chairman,BIBCOL & Formerly Director, CDRI; Chairman, Board of Directors, Biotech Consortium India Ltd., New Delhi; Res. C-1111, Indira Nagar, Lucknow - 226016; Tel: (0522) 2344333, 2354050(R), 09415157684(M); Fax: 2623405, 2623938; Email: kambojvpk1511@gmail.com; kambojvp@yahoo.com; kambojvp@rediffmail.com; Sp. **Reproductive Biology/Endocrinology/Drug Development.**

2003 **KANDASWAMY, Palanigounder** (b. 1948) Ph.D., Professor, Department of Mathematics, Bharathiar University, Coimbatore - 641046; Res. 18, Avani Veedhi, Sivasakthi Colony, Vadavalli, Coimbatore - 641046; Tel: (0422) 2426764(O), 2426069(R), 09443126183(M); Fax: 2422387; Email: pgkswamy@yahoo.co.in; Sp. **Atmospheric Waves/Convection/Lubrication Theory.**

2009 **KANDPAL, Hem Chandra** (b. 1954) Ph.D., Chief Scientist and Head, Quantum Phenomena & Applications, National Physical Laboratory, Dr. K.S. Krishnan Road, New Delhi - 110012; Res. 700 Double Storey, New Rajinder Nagar, New Delhi - 110060; Tel: (011) 45608315(O), 28741068(R); Fax: 45609310; Email: hckandpal@mail.nplindia.ernet.in; Sp. **Standards/Optics/Quantum Optics.**

2013 **KANG, Gagandeep** (b. 1962) MBBS,MD,PhD,MRCPath,FAAM,FASc,FNA, Professor & Head, The Wellcome Trust Research Laboratory, Division of Gastrointestinal Sciences, Christian Medical College, Vellore - 632004; Res. 327, South Road, CMC Campus, Bagayam, Thorapadi PO, Vellore - 632002; Tel: (0416) 2282052(O), 2284266(R), 09894070266(M); Fax: 2282486, 2232035; Email: gkang@cmcvellore.ac.in; wellcome@cmcvellore.ac.in; Sp. **Vaccines/Public Health/Microbiology.**

2016 **KANJILAL, Dinakar** (b. 1955) PhD, Director, Inter University Accelerator Center, Aruna Asaf Ali Marg, New Delhi - 110067; Res. Director's Residence, IUAC Campus, Aruna Asaf Ali Marg, New Delhi - 110067; Tel: (011) 26893045(O), 26893513(R), 09868716629(M); Fax: 26893666; Email: dk@iuac.res.in; dkiuac@gmail.com; Sp. **Experimental Physics/Accelerator Physics.**

2013 **KANNAN, Varadachariar** (b. 1946) PhD,FNA,FASc, Professor, School of Mathematics and Statistics and CRRAO AIMSCS, University of Hyderabad, Hyderabad - 500046; Res. 195, Doyens Township, Lingampalli, Hyderabad - 500019; Tel: (040) 23134001(O), 23010702(R), 09949193737(M); Email: vksm@uohyd.ernet.in; Sp. **Analysis & Topology**.

1968 **KANT, Krishna** (b. 1929) D.Phil.,D.Sc.,F.R.I.C.(London), Formerly Professor & Head of Chemistry, Jodhpur University; Res. 70, Abhaygarh Scheme, Jodhpur - 342011; Tel: 0291-33956(R); Sp. **Physical/Surface Chemistry**.

2011 **KANT, Tarun** (b. 1946) PhD,FNA,FASc,FNAE, Professor Emeritus, Dept. of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. 201, Shree Ram Niwas, Opp. IIT Bombay, IIT Market, Powai, Mumbai - 400076; Tel: (022) 25767310, 25767301(O), 25771090(R), 09969164646(M); Fax: 25767302; Email: tkant@civil.iitb.ac.in; tkant1946@gmail.com; Sp. **Solid and Structural Mechanics**.

1974 **KAPOOR, Anoop Saran** (b. 1933) D.Phil., Professor of Zoology, Rajasthan University, Jaipur-302004; Res. R-9, University Campus, Jaipur-302004; Tel: 0141-2395019(R); Sp. **Fish Biology/Endocrinology**.

2016 **KAPOOR, Meenu** (b. 1968) PhD, Professor, University School of Biotechnology, GGS Indraprastha University, Sector 16C, Dwarka, New Delhi - 110078; Res. House #1015, Sector 40, Gurgaon, Haryana; Tel: (011) 25302310, 25302303(O), (0124) 4370912(R), 09811590225(M); Email: meenukapoor@me.com; kapoor@genomeindia.org; Sp. **Developmental Biology/Functional Genomics/Plant Epigenetics**.

2007 **KAPOOR, Rakesh** (b. 1956) M.B.B.S.,M.S.,M.Ch.,F.A.M.S., Director, SGPGI; S.G.P.G.I., Raibareli Road, Lucknow - 226014; Res. House No. Type VB/14, SGPGI Campus, SGPGI, Raibareli Road, Lucknow - 226014; Tel: (0522) 2668700 Ext. 2110(O), 2668062(R), 09415410130(M); Fax: 2668017, 2668087; Email: rkapoor@sgpgi.ac.in; Sp. **Medical Science**.

1982 **KAPOOR, Ramesh Narain** (b. 1934) Ph.D.(Lko.),Ph.D.(Lond.),D.Sc.(Lond.),C.Chem.,F.R.S.C., Former Professor, Chemistry Department, University of Delhi, Delhi-110007; Res. 378, Hauz Khas Apartments, Sri Aurobindo Marg, Hauz Khas, New Delhi-110016; Tel: 011-27257725 Ext.485(O), 26858188(R); Sp. **Organometallic Chemistry/Coordination Chemistry**.

2013 **KAPOOR, Sanjay** (b. 1964) PhD, Professor, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi - 110021; Res. 1015, Sector 40, Gurgaon - 122003, Haryana; Tel: 08384090237(O), 09811644436(M); Fax: 24119430; Email: kapoor@south.du.ac.in; Sp. **Plant Reproduction/Seed Development/Functional Genomics**.

1994 **KAPOOR, Shyam Sunder** (b. 1938) Ph.D.,F.A.Sc.,F.N.A., Formerly DAE-Homi Bhabha Chair Professor, Bhabha Atomic Research Centre, Mumbai; Res. A-3, Banganga, CHS, Govandi Station Road, Deonar, Mumbai - 400088; Tel: (022) 25504301(R); Email: kapoorss2002@yahoo.co.in; Sp. **Nuclear Physics/Nuclear Particle Detectors/Particle Accelerators & Applications**.

2015 **KAPURIA, Santosh** (b. 1968) PhD,FNA,FNAE,FASc, Director, Structural Engineering Research Centre, CSIR Road, Taramani, Chennai - 600113; Tel: (044) 22542139(O), 22549116(R), 09654728776(M); Fax: 22541508; Email: kapuria@am.iitd.ac.in; director@serc.res.in; Sp. **Structural Mechanics/Multifunctional Structures**.

1990 **KARMESHU** (b. 1949) Ph.D., Professor, School of Computer & System Sciences, J.N. University, New Delhi - 110067; Res. A-150, Deepali, Road No. 42, Pitampura, Delhi - 110034; Tel: 011-667676 Ext. 396(O), 7273793(R); Sp. **Mathematical Modelling**.

1996 **KARTHA, Chandrasekharan C.** (b. 1951) MD,FRCP(London),FAMS,FASc,FIACSc, Honorary Distinguished Professor, Rajiv Gandhi Centre for Biotechnology, Trivandrum - 695014; Res. 7B, SFS Golfinks Apartments, Kowdiar, Trivandrum - 695003; Tel: (0471) 2529448(O), 2434108(R), 09947264108(M); Fax: 2348096; Email: cckartha@gmail.com; cckartha@rgcb.res.in; Sp. **Pathology/Cardiovascular Pathology/Cardiovascular Biology**.

2007 **KASHYAP, Bhagwati Prasad** (b. 1948) PhD,FINAE, Materials Engineering Dept., Indian Institute of Technology Jodhpur, NH65 Nagpur Road, Karwad - 342037; Res. 3123 Park Avenue, 3rd Street, Indian Institute of Technology Jodhpur, NH65 Nagpur Road, Karwad - 342037; Tel: 08369700427(M); Email: bpk@iitj.ac.in; Sp. **Superplasticity/Thermo-Mechanical Treatment/Grain Boundary Phenomena**.

2002 **KASHYAP, Vijendra Kumar** (b. 1952) PhD,FAMS,FIC, Former Director, NIB; National Institute of Biologicals (GOI, Ministry of Health & Family Welfare), A-32, Institutional Area, Sector-62, Noida - 201307; Res. A-123, Gaur Green Avenue, Abhay Khand II, Indrapuram, Ghaziabad - 201014; Tel: (0120) 419596(R); Email: vkk2k@hotmail.com; Sp. **Forensic, Medicine & Science/Biologics & Regulatory Affairs/Molecular Biology/Population Genetics/L Science, Technology & Law**.

1982 **KASTURIRANGAN, Krishnaswamy** (b. 1940) Ph.D.,F.N.A.,F.A.Sc.,F.N.A.E.,F.T.W.A.S., Chairman, Raman Research Institute Council, CV Raman Avenue, Sadashiva Nagar, Bangalore - 560080; Res. A-1002, Alder Godrej, Woodman Estate, Bellary Road, Bangalore - 560024; Tel: 09845007998(M); Email: krangank@gmail.com; Sp. **Astronomy/Astrophysics/Satellite Technology/Remote Sensing**.

1979 **KATIYAR, Sarvagya Singh** (b. 1935) Ph.D.,F.A.I.C.(USA),F.R.S.C.(Eng.),F.N.A.,F.T.W.A.S., Formerly Vice-Chancellor, CSM University, Kanpur; Res. 7/111E,

Swarup Nagar, Kanpur-208002; Tel: 0512-2555136, 2554544(R); Fax: 2555136; Email: sskatiyar@yahoo.com; Sp. **Kinetics/Enzymology/Immunology/Physical Chemistry.**

2010 **KATOCH, Kiran** (b. 1951) MD,FAMS, Former Director,NJILOMD(ICMR); Res. B-16, Govind Marg, Raja Park, Jaipur - 302004; Tel: (0141) 2613992(R), 09219610499(M); Email: kirankatoch@rediffmail.com; Sp. **Medicine.**

2004 **KATOCH, Vishwa Mohan** (b. 1953) MD,FAMS,FNA,FASc,FIASc, NASI-ICMR Chair on Public Health Research, Rajasthan University of Health Sciences, Jaipur; Res. B-16, Govind Marg, Opposite Baraf Khana, Raja Park, Jaipur - 302004; Tel: (0141) 2795524(O), 2612992(R), 09910053701(M); Fax: 2795550; Email: vishwamohankatoch18@gmail.com; nasiicmrhuhs2016@gmail.com; Sp. **Medical Microbiology/Mycobacteriology.**

2001 **KAUL, Chaman Lal** (b. 1936) Ph.D., Formerly Director, NIPER, Mohali; Res. 432, Mahatma Sahkari Housing Society, Koth Road, Pune - 411038; Tel: (020) 25363447(R); Email: chamanlalpandit@yahoo.com; Sp. **Pharmacology/Pharmaceutical Sciences/Diabetes.**

1980 **KAUL, Dipika** (b. 1937) D.Phil., Formerly Professor, Zoology Department, Allahabad University, Allahabad-211002; Res. 7,Bank Road,Allahabad-211002; Tel: 0532-2642204(R); Sp. **Molecular Biology/Cytogenetics.**

1981 **KAUL, R.N.** (b. 1931) Ph.D., Formerly Professor, Chairman, Dept. of Mathematics; & Dean,Faculty of Mathematical Sciences, Delhi University, Delhi; Res. SU-42, Pitampura, Delhi - 110034; Tel: (011) 27346026(R); Sp. **Theory of Optimization/Mathematical Programming/OperationsResearch.**

2010 **KAVI KISHOR, P.B.** (b. 1951) Ph.D., CSIR-Emeritus Scientist, Department of Genetics, Osmania University, Hyderabad - 500007; Res. 103, Prashanti Nivas, H.No.2-2-23/22, Bagh Amberpet, D.D. Colony, Hyderabad - 500044; Tel: (040) 27682335(O), 27424582(R); Fax: 27095178; Email: pbkavi@yahoo.com; Sp. **Plant Physiology.**

2003 **KAYASTHA, Arvind Mohan** (b. 1960) PhD,FNAAS, Professor, School of Biotechnology, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. 42-53, Akhnoor Hut, Nandnagar Colony, ITI Road, P.O. BHU, Varanasi - 221005; Tel: (0542) 2368331(O), 2575417(R); Fax: 2368693; Email: kayasthabhu@gmail.com; Sp. **Enzymology & Enzyme Technology/Plant Biochemistry/Structure-Function Relationship in Proteins.**

2007 **KEMBHAVI, Ajit Keshav** (b. 1950) PhD,FASc, Emeritus Professor, Inter University Centre for Astronomy & Astrophysics, Post Bag 4, Ganeshkhind, Pune - 411007; Res. 302 Nishigandh, Panchavati, Pashan, Pune - 411008; Tel: (020) 25604231/100(O), 25604401(R), 09822979161(M); Fax: 25604698; Email: akk@iucaa.in; Sp. **Extragalactic Astronomy/Theoretical Astrophysics/DataAnalysis.**

1982 **KESAVAN, Parthasarathy Chenna** (b. 1938) Ph.D.,F.N.A.,F.N.A.A.S, Distinguished Fellow, M.S. Swaminathan Research Foundation, 3rd Cross Road, Taramani, Chennai - 600113; Res. N-19, Sengamalam, Maxworth Nagar, Kovilambakkam, Chennai - 600117; Tel: (044)22541698,22542698(O),65299023(D),22460077,22460254(R),09444024013; Fax: 22541319; Email: pckesavan@mssrf.res.in; Sp. **Genetics/Radiation Biology/Sustainability Science.**

1997 **KESAVAN, Srinivasan** (b. 1952) Docteur-es-sciences (Mathematiques, Paris),F.A.Sc., Professor, Institute of Mathematical Sciences, C.I.T. Campus, Taramani, Chennai - 600113; Res. 33 (old no. 19), Barnaby Road, Kilpauk, Chennai - 600010; Tel: (044) 22543209(O), 26412839(R), 09444082801(M); Fax: 22541586; Email: kesh@imsc.res.in; Sp. **Partial Differential Equations.**

1990 **KESHAVA MURTY, R.N.** (b. 1936) Ph.D., Formerly Director, IITM, Pune; Res. 2440, 10th Main, D Block, Rajajinagar, II Stage, Bangalore - 560010; Tel: 080-3422634(R); Sp. **Meteorology/Atmospheric Physics/Monsoon Studies/ClimateStudies.**

1996 **KESSAR, Satinder Vir** (b. 1932) Ph.D.,F.N.A.,F.A.Sc.,F.T.W.A.S., Professor Emeritus, Department of Chemistry, Panjab University, Chandigarh - 160014; Res. 635, Sector 11, Chandigarh - 160011; Tel: 0172-2541435(O), 2747308(R); Email: svkessar@pu.ac.in; Sp. **Synthetic Organic Chemistry.**

1975 **KHAJURIA, Hitopdeshak** (b. 1923) D.Sc.,F.Z.S.I.,F.A.S.Z., Formerly Dy. Director & Emeritus Scientist, ZSI C/o Zoological Survey of India Hospital Road, Solan - 173212 (H.P.); Res. Bishan Bhawan, Opp. Excise Office, Jawahar Park, Solan - 173212, H.P.; Tel: 01792-2413, 3773(O), 3873(R); Sp. **Ecology/Taxonomy of Mammals/Wild Life Conservation/ZooManagement/Museology (Animals).**

2009 **KHAKHAR, Devang Vipin** (b. 1959) Ph.D.,F.N.A.E.,F.A.Sc.,F.N.A., Professor of Chemical Engg. & Director, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. A-1, Director's Bungalow, IIT Powai, Mumbai - 400076; Tel: (022) 25723488, 25767001(O), 25768000, 25723738(R); Fax: 25723546; Email: director@iitb.ac.in; khakhar@iitb.ac.in; Sp. **Chemical Engineering.**

1982 **KHAN, Badar Taqui** (b. 1929) Ph.D., Emeritus Professor, Chemistry Department, Osmania University, Hyderabad-500007; Res. 479-17-3 Yakut Mahal Talkies, Yakutpura, Hyderabad-500004; Tel: 040-868951/337(O), 2524371(R); Sp. **Coordination Chemistry/Bio-inorganic Chemistry/Organometallics/Catalysis.**

2011 **KHAN, Faiz Ahmed** (b. 1965) PhD,FASc, Professor, Department of Chemistry, IIT Hyderabad, Kandi, Sangareddy - 502285; Res. Q.No.5049, Type V, Ordnance Factory Estate,

Yeddumailaram - 502205; Yeddumailaram - 502205; Tel: (040) 23016084(O), 23017040(R); Email: faiz@iith.ac.in; Sp. **Organic Chemistry**.

1978 **KHAN, Mirza Mohammad Taqui** (b. 1931) Ph.D.(U.S.A.), F.A.Sc., F.N.A., Formerly Director, CSMCRI; Central Salt & Marine Chemicals Research Institute, Bhavnagar; Emeritus Scientist (CSIR), Osmania University, Hyderabad; Res. 479-17-3, Yakutpura, Hyderabad - 500023; Tel: 040-2524371(R); Sp. **Inorganic Chemistry/Homogeneous Catalysis**.

1993 **KHANDELWAL, Bishan Lal** (b. 1936) PhD, Former Professor, IITD and Emeritus Scientist, CSIR&AICTE; Res. A-42A MIG DDA Flats, Munirka, New Delhi - 110067; Tel: (011) 26163824(R), 08527088465, 09560991544, 07000308740(M); Email: bishankhandelwal@rediffmail.com; bishankhandelwal2014@gmail.com; Sp. **Inorganic Chemistry/Organometallics/Analytical Chemistry**.

2003 **KHANDUJA, Sudesh Kaur** (b. 1951) PhD, FNA, FASc, FTWAS, INSA Senior Scientist, Department of Mathematics, IISER Mohali, Knowledge City, Sector 81, SAS Nagar, Mohali - 140306; Res. H.No.1297, Sector 37 B, Chandigarh; Tel: (0172) 2240266(O), 09815204096(M); Email: skhanduja@iisermohali.ac.in; sudeshkaur@yahoo.com; Sp. **Algebra/Valuation Theory/Algebraic Number Theory**.

2015 **KHANNA, Navin Chandra** (b. 1956) PhD, FASc, FNA, Group Leader, RPG Laboratory, Molecular Medicine Division, International Centre for Genetic Engineering and Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi - 110067; Res. 4373, B-5, Vasant Kunj, New Delhi - 110070; Tel: (011) 26741680(O), 41761859(R); Fax: 26742316; Email: navinkhanna5@gmail.com; Sp. **Dengue/Vaccines/Diagnostics**.

1986 **KHANNA, Pushpa** Ph.D.(Oregon), F.B.S., Professor of Botany, Principal, University Maharani's College, Jaipur; Res. 23, Ram Bagh Road, Jaipur; Tel: 0141-73628(O), 72410(R); Sp. **Physiology/Bio-chemistry**.

1987 **KHANNA, Sudarshan Kumar** (b. 1932) ME, PhD, DSc(hc), DLitt(hc), DEngg(hc), FNAE, Formerly Chairman, AICTE & Vice-Chairman, UGC; Chief Advisor, Sharda University, Greater Noida; Res. Apt.045/C, Wellington Estate II, DLF Phase V, Gurugram - 100029, Haryana; Tel: +1(917) (603) 7772; 09810116408(M); Email: prof.skkhanna@gmail.com; Sp. **Transportation Planning and Engineering/Higher and Technical Education**.

2016 **KHANNA, Vinay Kumar** (b. 1963) PhD, Senior Principal Scientist, Development Toxicology Lab., Indian Institute of Toxicology Research, 31 MG Marg, Lucknow - 226001; Tel: (0522) 2217627(O), 2781897(R); Fax: 2628227; Email: vkkhanna1@gmail.com; vkkhanna1@rediffmail.com; Sp. **Neurotoxicology and Neuroprotection**.

1986 **KHANNA-CHOPRA, Renu** (b. 1949) PhD, FNA, FNAAS, INSA Senior Scientist, Water Technology Centre, Indian Agricultural Research Institute, New Delhi - 110012; Res. A-1/153, Paschim Vihar, New Delhi - 110063; Tel: (011) 25846790(O), 09899017170(M); Fax: 25846012; Email: renu\_wtc@rediffmail.com; renu.chopra3@gmail.com; Sp. **Plant Physiology**.

2002 **KHANUJA, Suman Preet Singh** (b. 1958) PhD, FNAAS, Founder Chairman, FFSF & Mentor SKIES India; Res. C41-42, Double Storey, Ramesh Nagar, New Delhi - 110015; Tel: 09711773867, 08005044134(M); Email: khanujazy@yahoo.com; spskhanuja@gmail.com; Sp. **Molecular and General Genetics/Plant Improvement/Biotechnology, Nutraceuticals & Functional Foods**.

1988 **KHAR, Ashok** (b. 1949) Ph.D., Formerly Director, C&MBRC, AHERF; Res. 202 Eshanya Residency, Sai Enclave, Scientist Colony, Habsiguda, Hyderabad - 500007; Tel: (040) 27174591(R), 09866237716(M); Email: khar.ashok@gmail.com; Sp. **Biochemistry/Tumor Immunology/Mammalian Cell Culture**.

2014 **KHARE, Avinash** (b. 1954) PhD, FASc, FNA, Professor, Department of Physics and Astrophysics, University of Delhi, Delhi - 110007; Res. C-20 (29/31) University Apt., Chhatra Marg, University of Delhi, Delhi - 110007; Tel: (011) 27666242(R), 09718328154(M); Email: ak0005@uah.edu; Sp. **Plasma Physics/Statistical Mechanics**.

1979 **KHARE, Mahendra Nath** (b. 1934) PhD(Illinois, USA), FPSI, FISST, FSMP, BRSF, FISPRD, Formerly Dean, Professor Emeritus, J.N. Agricultural University, Jabalpur; Res. 24, Ravindra Nagar, Adhartal, Jabalpur - 482004; Tel: 0761-2361632(R), 09424310460(M); Email: mnkhare8@gmail.com; Sp. **Plant Pathology/Seed Pathology/Soil-borne Diseases**.

2011 **KHARE, Neeraj** (b. 1958) Ph.D., FInstP(UK), Professor, Department of Physics, Indian Institute of Technology Hauz Khas, New Delhi - 110016; Res. 26, West Avenue, IIT Campus, Hauz Khas, New Delhi - 110016; Tel: (011) 26591352(O), 26591640(R); Email: nkhare@physics.iitd.ernet.in; Sp. **Superconductivity/Magnetism Nano Functional Oxide**.

1972 **KHARE, Satya Prakash** (b. 1935) DPhil(Alld.), PhD(Belfast), Formerly Pro Vice-Chancellor, Formerly Professor & Head, Physics Department, Chaudhary Charan Singh University, Meerut; Res. Physics Deptt., CCSU; B99, Shastri Nagar, Meerut - 250004; Tel: (0121) 2760159(R), 09910800422(M); Email: spkhare35@gmail.com; Sp. **Atomic and Molecular Physics/Theoretical Physics**.

1993 **KHARE, Shabd Sharan** (b. 1947) DPhil, Former Pro Vice-Chancellor, NEHU, Shillong; Res. 521, Meerapur, Allahabad - 211003; Tel: 09648716998(M); Email: kharess@rediffmail.com; kharess1947@gmail.com; Sp. **Algebraic Topology**.

2008 **KHAREEDU, Venkateswara Rao** (b. 1958) Ph.D., Professor of Plant Molecular Biology, Centre for Plant Molecular Biology, Osmania University, Hyderabad - 500007; Res. Plot No.19,

H.No. 8-3-315/25A, Maruthinagar, Yousufguda, Hyderabad - 500045; Tel: (040) 27098087, 27070736(O), 23745253(R); Fax: 27096170; Email: rao\_kv1@rediffmail.com; rao\_kv@hotmail.com; Sp. **Plant Molecular Biology/Transgenics/Functional Genomics.**

1980 **KHERA, Satendra** (b. 1929) Ph.D.,D.Sc.,F.Z.S.I.,F.H.S.I., Formerly Professor of Zoology, Panjab University; Res. G-305, Surya Vihar, Dundahera, Gurgaon - 122016; Tel: 0124-6366331(R); Sp. **Parasitology/Animal & Plant Nematology/Biology of Birds.**

1985 **KHETRAPAL, Chunni Lal** (b. 1937) PhD,DLitt(hc),FNA, Distinguished Professor, Centre of Biomedical Research, (CBMR), SGPGIMS Campus, Raibareli Road, Lucknow - 226014; Res. VA/2, SGPGIMS Staff Qtrs., Raebareli Road, Lucknow - 226014; Tel: (0522) 2668288(O), 09415408859, 09140586758(M); Fax: 2668215; Email: clkhetrpal@hotmail.com; Sp. **NMR/Chemical Physics.**

1992 **KHOKLE, Waman Sadasheo** (b. 1933) M.S.E.E.(Minnesota),B.E.(Hons),Ph.D. (Minnesota), Formerly Emeritus Professor, VNIT, Nagpur; Res. 428, IIM Campus, Vastrapur, Ahmedabad - 380015; Tel: (079) 26307271(R), 08758560009(M); Email: khoklews@yahoo.com; Sp. **VLSI/Semiconductors Devices.**

1990 **KHULLAR, Surinder Pal** (b. 1941) PhD,FIBS,FIFS, Professor Emeritus, Panjab University; Res. 1633, Sectro 7-C, Chandigarh - 160019; Tel: (0172) 2794484(R), 09855551633(M); Email: sp.khullar@gmail.com; Sp. **Pteridophytes & Angiosperms Taxonomy/Systematics/Floristics/Cytology.**

2000 **KHURANA, Jitendra Paul** (b. 1954) PhD,FNA,FASc,FNAAS,FTWAS, Professor & Coordinator (UGC-SAP), Department of Plant Molecular Biology, University of Delhi, South Campus, New Delhi - 110021; Res. Type VB-4, Staff Qtrs., UDSC, New Delhi - 110021; Tel: (011) 24115126(O), 24119090(R), 09811351217(M); Fax: 24115270; Email: khuranaj@genomeindia.org;khuranajp@hotmail.com;khuranaj@south.du.ac.in Sp. **Photobiology and Signal Transduction/Molecular Genetics andGenomics of Higher Plants.**

2003 **KHURANA, Paramjit** (b. 1956) PhD,FNA,FASc,FNAAS,FTWAS, JC Bose National Fellow, Professor & Head, Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan, New Delhi-110021; Res. House No.4, Type VB, Staff Quarters, University of Delhi South Campus, New Delhi - 110021; Tel: (011) 24115096(O), 24119090(R), 09711006512(M); Email: paramjitkhurana@hotmail.com; param@genomeindia.org; Sp. **Molecular Basis of Cellular Differentiation/GeneticTransformation of Crop Plants/Genomics and Bioinformatics.**

2003 **KHUSH, Gurdev Singh** (b. 1935) PhD,DSc(h.c.),FNA,FASc,FNAAS,FTWAS,FNYAS(USA),FRS, Adjunct Professor, Department of Plant Sciences, University of California, Davis, CA 95616, USA; Res. 39399 Black Hawk Place, Davis, CA 95616-7008, USA; Tel: (530) 750-2440; Email: gurdev@khush.org; Sp. **Plant Breeding/Genetics/Biotechnology.**

2016 **KIRAN KUMAR, Alur Seelin** (b. 1952) FNAE,FIETE,FAPS,FIMS,FGSA,FISRS, Chairman, ISRO/ Secretary, Department of Space, Antariksh Bhavan, New BEL Road, Bangaloe - 560231; Res. 485/1, Vyoma, 80 Ft. Road, R.T. Nagar, Bangalore - 560032; Tel: (080) 23415241, 22172333(O), 23557725(R); Email: chairman@isro.gov.in; kiran\_seelin@yahoo.co.in; Sp. **Space Technology and Applications.**

2011 **KIRTI, Pulugurtha Bharadwaja** (b. 1953) Ph.D.,F.N.A.A.S.,F.A.P.-SC, Professor, Dept. of Plant Sciences, University of Hyderabad, Hyderabad - 500046; Res. 5-562 Deepthisri Nagar, Miyapur, Hyderabad - 500049; Tel: (040) 23134545(O), 20044664(R); Fax: 23010120; Email: pbksl@uohyd.ernet.in; Sp. **Plant Molecular Biology/Biotechnology.**

2005 **KISHORE, Nand** (b. 1963) PhD, Professor, Department of Chemistry Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. B-297, Nilgiri, IIT Campus, IIT Bombay, Powai, Mumbai - 400076; Tel: (022) 25767157(O), 25768157(R); Fax: 25723480; Email: nandk@chem.iitb.ac.in; Sp. **Physical Chemistry/Biothermodynamics/Biophysical Chemistry.**

2012 **KITHIGANAHALLI, Narayanaswamy Balaj** (b. 1966) PhD,FASc,FNA, Professor, Department of Microbiology & Cell Biology, Indian Institute of Science, Bangalore - 560012; Res. 877 BSK, I Stage, II Block, 6 Cross, Hanumanth Nagar, Bangalore - 560050; Tel: (080) 22933223(O), 26615625(R), 08197509682(M); Email: balaji@iisc.ac.in; Sp. **Infectious Diseases/Immunology.**

2010 **KODIYALAM, Vijay** (b. 1966) MS,PhD,FASc, Professor H, Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai - 600113; Res. Bageshri, Flat 6, No. 33, First Avenue, Indira Nagar, Chennai - 600020; Tel: (044) 22541856(O), 52054589(R); Fax: 22541586; Email: vijay@imsc.res.in; Sp. **Functional Analysis.**

2004 **KOHLI, Ravinder Kumar** (b. 1953) PhD,FNA,FASc,FNAAS,FNESA,FIBS,FDNAES, JC Bose National Fellow, Vice-Chancellor, Central University of Punjab, City Campus, Mansa Road, Bathinda - 151001; Res. D-13, Civil Station, Bathinda - 151001; Tel: (0164) 2430586(O), 2241550(R), 09872201516, 09877034221(M); Fax: 2864111; Email: rkkohli45@yahoo.com; rkkohli45@gmail.com; Sp. **Ecology/Forestry/Weed Science/Eco-physiology.**

2001 **KOLASKAR, Ashok Sadanand** (b. 1950) PhD,DLitt(hc),DSc(hc),FNA, Vice-Chancellor, The Neotia University (TNU), Vishwakarma, 86C, Topsia Road(s), Kolkata - 700046; Res. Flat No.04-1403, Upohar Luxury Gold, 2052 Chak Garia, Kolkata - 700094; Tel: 07044096445(M);

Email: vc@tnu.in; akolaskar@yahoo.com; Sp. **Protein folding/Biological Data Banks & Data Mining/Theoretical Molecular Biophysics & Bioinformatics.**

2003 **KOLLURU RAMAIAH, V.A.** (b. 1954) Ph.D., Professor, Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad - 500046; Res. 171 Doyens Township, Serilingampally, Near Alind, Hyderabad - 500019; Tel: 040-23010500 Ext.4520(O), 23010082 (Bio.off.), 23010750(R); Fax: 23010120, 23010145, 23010451; Email: kvars1@uohyd.ernet.in; kvars1@yahoo.com; Sp. **Molecular Biology/Gene Expression/Translational Regulation.**

2010 **KOLLURU, Krishna Sree** (b. 1958) PhD,FNA,FASc,FAPAS, JC Bose National Fellow, Professor, Centre for Earth, Ocean and Atmospheric Sciences, University of Hyderabad, Prof. CR Rao Road, Gachibowli, Hyderabad - 500046; Tel: (040) 23132669(O), 09765494935, 09765321229(M); Email: krishna@uohyd.ac.in; nio.krishna@gmail.com; kkspp@uohyd.ernet.in; Sp. **Lithospheric Dynamics, Tectonics, Plate Tectonics, MarineGeophysics.**

2006 **KOSAGI, Sharaf Jagannatha Rao** (b. 1956) Ph.D., Scientist, Biochemistry and Nutrition, Central Food Technology Research Institute, Mysore - 570020; Res. #139, CFTRI Layout, Bagadi II Stage, Mysore - 570026; Tel: (0821) 2514876(O), 2342970(R); Fax: 2517233; Email: kjr5n@yahoo.co.in; Sp. **Neuroscience.**

2006 **KOTHA, Sambasivarao** (b. 1957) PhD,FASc,FNA,FRSC, Pramod Chaudhari Chair Professor, JC Bose National Fellow, Department of Chemistry, IIT Bombay, Powai, Mumbai - 400076; Res. B-280, Building No. 24, I.I.T. Bombay, Powai, Mumbai - 400076; Tel: (022) 25767160(O), 25768160, 25726743(R), 09869392696(M); Fax: 25723480, 25767152; Email: srk@chem.iitb.ac.in; Sp. **Organic Synthesis/New Synthetic Methods.**

2005 **KOTHARI, Dwarkadas Pralhaddas** (b. 1944) M.E.,Ph.D.,F.N.A.E.,F.I.E., Director General, Raison Group of Institutions, Nagpur - 440001; Tel: (0712) 6617181(O), 08308802218(M); Fax: 6630782; Email: dpk0710@yahoo.com; Sp. **Power Systems/Energy Machines.**

1997 **KOTHARI, S.L.** (b. 1954) PhD,FNAAS,FISPM, Pro Vice-Chancellor, Amity University, Rajasthan, Jaipur; Res. 12-Kalyan Colony, Malviya Nagar, D-Block, Jaipur - 302017; Tel: (0141) 2703439(O), 2728059(R), 09829179692(M); Email: slkothari@jpr.amity.edu; slkothari28@gmail.com; Sp. **Plant Tissue Culture/Transgenics/Plant Biotechnology/Nanobiotechnology.**

1995 **KOTHEKAR, Vidya Vinayak** (b. 1940) Ph.D.,F.I.A.M.P., Ex.Director, DYP Biotechnology & Bioinformatics Institute; Res. Flat No. 19, 'Conifer', Gayakwad Nagar, D.P. Road, Aundh, Pune - 411007; Tel: 020-25887025(R), 09850532443(M); Email: vidyakothekar@gmail.com; vidyakothekar@yahoo.com; Sp. **Computational & Structural Biophysics.**

2015 **KOTNALA, R.K.** (b. 1957) Ph.D., Chief Scientist & Head, Division of Physics & Engineering, National Physical Laboratory, New Delhi; Res. A-12, South Extn.-I, New Delhi - 110049; Tel: (011) 45608599, 8266(O), 24645356(R); Fax: 45609310; Email: rkkotnala@nplindia.org; Sp. **Magnetic Materials/Nanotechnology/Ethics.**

1983 **KOUL, Awtar Kishen** (b. 1936) Ph.D., Formerly Professor of Botany, Jammu University; Res. 14,Bhagwati Nagar,Razdan Lane, Canal Road, Jammu - 180016; Tel: 0191-2554976(R); Email: akkoul2003@yahoo.com; Sp. **Cytogenetics.**

2017 **KOYAKUTTY, Manzoor** (b. 1974) PhD, Professor, Amrita Centre for Nanoscience, Ponekara, Kochi - 682041, Kerala Res. 13A, Sunny Sands, Classic Apartments, Thrikakara, Kochi - 682021; Tel: (0484) 2851234 Extn.8768(O), 2972141(R), 09946696286(M); Email: manzoork@gmail.com; Sp. **Cancer - Nanomedicine/Nanotechnology/Immunology.**

1996 **KRISHN, Vinod** Ph.D.(Tennessee). Professor, Indian Institute of Astrophysics, II Block, Koramangala, Bangalore - 560034;

1991 **KRISHNA, Gopal** (b. 1948) PhD,FNA,FASc, NASI Senior Scientist, Centre for Excellence in Basic Sciences, University of Mumbai, Kalina Campus, Mumbai - 400098; Res. E-1, NCRA - TIFR Colony, Poona University Campus, Pune - 411007; Tel: (022) 26524983(O), 09850415719(M); Email: gopaltani@gmail.com; Sp. **Radio Astronomy.**

2003 **KRISHNA, Maddaly** (b. 1956) PhD, Professor of Mathematics, Ashoka University, Plot No. 2, Rajiv Gandhi Education City, Rai, Haryana - 131029; Tel: (0130) 2300676(O), 09445948109(M); Email: krishna@imsc.res.in; krishna.maddaly@ashoka.edu.in; Sp. **Mathematical Physics.**

2008 **KRISHNAMOORTHY, Krishnaswamy** (b. 1952) PhD,FASc,FNA, Distinguished Visiting Scientist, Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science, Bengaluru - 560012; Res. Roshni, TC25/927,#202 Etra, East Thampanoor, Thiruvananthapuram - 695014; Tel: (080) 22932505 Ext.208(O), 09496050095, 09945530293(M); Email: krishnamoorthyspl@gmail.com; krishnamoorthy@iisc.ac.in; Sp. **Atmospheric Sciences, Aerosols, BC and Climate Forcing.**

1997 **KRISHNAMURTHY, Hulikal Ramaiengar** (b. 1951) PhD(Cornell),FASc,FNA,FTWAS, Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. 18, II Main Road, UAS Layout, Sanjaynagar, Bangalore - 560094; Tel: (080) 22933282, 23608658(O), 23416627(R), 09845927227(M); Fax: 23600683, 23602602; Email: hrkrish@iisc.ac.in; hrkrish@gmail.com; Sp. **Condensed Matter Physics/Statistical Physics/Quantum Many-Body Theory.**

1989 **KRISHNAMURTHY, Kothandaraman** (b. 1935) Ph.D., Formerly Senior Professor & Director, Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai - 608502; Sp. **Mangrove Forest/Ecosystems/Ecology/Biological Oceanography/Ocean Management/Environmental Affairs.**

1998 **KRISHNAMURTHY, Kulithalai V.** (b. 1945) PhD, Consultant,R&D,Sami Labs Ltd.; Former Professor & Head, Department of Plant Science, Bharathidasan University, Tiruchirappalli - 620024; Res. F 124, Brigade Courtyard, HMT Main Road, Jalahalli, Bangalore-560013; Tel: 09900264191(M); Email: kvkdbu@yahoo.co.in; kvkdbu@rediffmail.com; Sp. **Plant Morphogenesis/Reproductive Ecology/Histochemistry.**

2014 **KRISHNAMURTHY, Muralidhar** (b. 1958) PhD,FNAE, Professor, Mechanical Engineering Dept., Dean of Faculty Affairs, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. House No. 461, IIT Kanpur, Kanpur - 208016; Tel: (0512) 2597182(O), 2598421(R), 09919373363(M); Email: kmurli@iitk.ac.in; krishnamurthy.muralidhar@gmail.com; Sp. **Fluid Mechanics/Heat Transfer/Laser Instrumentation.**

1993 **KRISHNAN, Ramakrishnan** (b. 1949) PhD,FISRS,FAPAS, Formerly Dean (Academic), IISS&T, Thiruvananthapuram; Res. Varsha, 17, G.G. Avenue, First Street, B.U. Post, Coimbatore - 641046; Tel: (0422) 2425454(R), 09995025453(M); Email: drrkdrrk@gmail.com; Sp. **Image Processing/Remote Sensing.**

1992 **KRISHNAN, Rangachari** (b. 1935) PhD,FNA,FASc,FNAE, Formerly Director, Gas Turbine Research Establishment (DRDO); Res. F-3, Parkside Manor, 162, 5th Main, Defence Colony, Bangalore - 560038; Tel: (080) 25268882(R); Email: rangachari.krishnan@gmail.com; Sp. **Physical Metallurgy/Materials Science.**

1996 **KRISHNASWAMY, Kamala** (b. 1940) M.D.,F.N.A.,F.A.Sc.,F.A.M.S.,F.N.A.A.S., Formerly Emeritus Medical Scientist & Director, NIN; National Institute of Nutrition, Jamai-osmania, Hyderabad; Res. 1-2-98/2, Sriniketan, Kakateyanagar Colony, Habsiguda, Hyderabad - 500007; Tel: 040-27008921 Ext.227(O), 27153248(R); Fax: 27019074; Email: sri21kk@hotmail.com; sri21kk@yahoo.com; Sp. **Internal Medicine/Nutrition.**

2005 **KSHIRSAGAR, Nilima Arun** (b. 1949) Ph.D.,Ph.D., National Chair in Clinical Pharmacology, ICMR; Dean, ESI-PGIMS, GOI, M.G.M. Hospital, Dr. S.S. Rao Road, Parel, Mumbai - 400012; Res. Dean's Bungalow, Behind KEM Hospital, Parel, Mumbai - 400012; Tel: (022) 24137173(O), 24101205(R); Fax: 24143435, 24129099; Email: kshirsagarna@yahoo.in; Sp. **Clinical Pharmacology.**

2016 **KUHAD, Ramesh Chander** (b. 1955) PhD,FNAAS,FBRSI, Vice Chancellor, Central University of Haryana, Mahendergarh - 123031; Res. Vice Chancellors' Secretariat, Central University of Haryana, Mahendergarh - 123031; Tel: (01285) 249333, 249400(O), 249333, 249400(R); Fax: 249402; Email: kuhad85@gmail.com; vc@cuh.ac.in; Sp. **Secondary Agriculture Microbial Biotechnology(Bioconversion of Crop Byproducts to Value Added Products).**

1985 **KULANDAISWAMY, V.C.** (b. 1929) Ph.D.,D.Litt(h.c.),F.N.A.E.,F.I.E.,F.C.S.I.,Hon.F.I.S.T.E., Chairman,Tamil Virtual Univ., Formerly VC, IGNOU,New Delhi; Res. No. 41, M.G.R. Road, Besant Nagar, Chennai - 600090; Tel: (044) 24919797(R), 09444019797(M); Email: vck9797@gmail.com; vck9797@yahoo.com; Sp. **Hydraulics/Water Resources Engineering/Education Planning & Management.**

2013 **KULKARNI, Giridhar Udapi Rao** (b. 1963) Ph.D., Director, Centre for Nano and Soft Matter Sciences, Prof. UR Rao Road, Jalahalli, Bengaluru - 560013; Res. No.54, 'Tulasi', III Phase, 'Royal Enclave', Shrirampura Road, Jakkur, Bangalore - 560064; Tel: (080) 23632814(R), 09448825386(M); Email: kulkarni@jncasr.ac.in; gulkulk@gmail.com; Sp. **Physical Chemistry/Applied Chemistry/Applied Physics.**

2002 **KULKARNI, Ravindra Shripad** (b. 1942) Ph.D., Institute Chair Professor, Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. Bhaskaracharya Pratishthan, 56/14, Damle Path, Off Law College Road, Eranadvane, Pune - 411004; Tel: (020) 25434547, 25410724(R), 09860792287(M); Email: puneekulk@yahoo.com; puneekulk@gmail.com; Sp. **Differential Geometry/Riemann Surfaces/Discontinuous Groups.**

2001 **KULKARNI, Shrinivas Krishnarao** (b. 1946) Ph.D.,F.A.M.S., Emeritus Professor of Pharma- cology & Former Pro-VC,DUI,PU; Res. Flat No. 404, Queens Court Apartment, Vaccine Depot Road,Tilakawadi, Belgaum - 590006; Tel: (0831) 2441955(R), 09886203247(M); Email: skpu@yahoo.com; Sp. **Pharmaceutical Sciences.**

2003 **KULKARNI, Sulabha Kashinath** (b. 1949) Ph.D.,F.N.A.,F.A.Sc.,F.M.A.S., UGC Scientist C, Indian Institute of Science Education and Research, Pashan, Sai Trinity Building, Pune - 411021; Res. 'Suyashri', 43/28 Nav Sahyadri Society, Pune - 411052; Tel: (020) 25908032(O); 25441158(R), 08888425978(M); Fax: 25899790; Email: s.kulkarni@iiserpune.ac.in; skk\_surface@yahoo.com; Sp. **Surface Science/Material Science/Nanotechnology.**

2017 **KUMAR, Ajay** (b. 1955) PhD, Professor, Department of Mathematics, University of Delhi, Delhi - 110007; Res. C-2/96, West Enclave, Pitampura, Delhi - 110034; Tel: (011) 27666658(O), 27014415(R), 09810009887(M); Fax: 27010937; Email: ak7028581@gmail.com; akumar@maths.du.ac.in; Sp. **Harmonic Analysis/Operator Spaces/Partial DifferentialEquations.**

2003 **KUMAR, Anil** (b. 1953) PhD, Professor, Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee - 247667; Res. A-6, Hill-View Apartments, Indian Institute of

Technology Roorkee, Roorkee - 247667; Tel: (01332) 285799(O), 285180(R), 08279854765(M); Fax: 273560; Email: anilkfcy@iitr.ernet.in; akmsfscy@gmail.com; Sp. **Physical Chemistry/Kinetics & Photochemistry/Nanomaterials.**

2000 **KUMAR, Anil #** (b. 1955) Ph.D., F.A.Sc., F.N.A., Scientist, Physical Chemistry Division, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune - 411008; Res. Bungalow B-6, NCL Colony, Homi Bhabha Road, Pune - 411008; Tel: (020) 25902278(O), 25902001, 25902416(R), 09822074509(M); Fax: 25902636; Email: a.kumar@ncl.res.in; Sp.

**Thermodynamics/Physical Organic Chemistry/Biophysical Chemistry.**

1991 **KUMAR, Anil \*\*** (b. 1941) PhD, FNA, FASc, FTWAS, FISMAR, NASI Honorary Scientist, Department of Physics and NMR Research Centre, Indian Institute of Science, Bangalore - 560012; Res. D-201, Sterling Gardens, Kempapura, Hebbal, Bangalore - 560024; Tel: (080) 22932724(O), 23662757(R), 09845421938(M); Fax: 23602602, 23601550; Email: anilnmr@iisc.ac.in; Sp. **Nuclear Magnetic Resonance Spectroscopy and its application to Biomolecular Structure Determination and Quantum Computing.**

1987 **KUMAR, Anil \*\*\*** (b. 1946) Ph.D., Professor, Dept. of Chemical Engineering, Indian Institute of Technology Kanpur - 208016; Tel: (0512) 2597195(O), 2591819(R); Fax: 2590104, 2590007; Email: anil@iitk.ac.in; Sp. **Polymerization Reaction Engineering and Controls.**

2007 **KUMAR, Arvind** (b. 1943) Ph.D., Former Centre Director, Homi Bhabha Centre for Science Education (Tata Institute of Fundamental Research), V.N. Purav Marg, Mankhurd, Mumbai - 400088; Res. E-101, Runwal Centre, Govandi Station Road, Deonar, Mumbai - 400088; Tel: (022) 25072304, 25072300(O), 64141398(R); Email: arvindk@hbcse.tifr.res.in; Sp. **Theoretical Physics/Science Education.**

2009 **KUMAR, Bayya Venkatesulu Rathish** (b. 1964) PhD, Professor, Department of Mathematics & Statistics, IIT Kanpur, Kanpur - 208016; Res. H.No. 601, IIT Kanpur, Kanpur - 208016; Tel: (0512) 2597660, 2597636, 2597753(O), 2598750(R); Fax: 2597500; Email: bvrk@iitk.ac.in; Sp. **Numerical Methods for Partial Differential Equations/Bio-Fluid Mechanics/Parallel Numerical Algorithms & High Performance Computation/Mathematical Modeling & Simulation.**

2004 **KUMAR, Bhaskaran Pillai Mohan** (b. 1953) PhD, FNAAS, FNIE, Professor, School of Ecology and Environment Studies, Nalanda University, Rajgir, District Nalanda - 803116; Res. 48 Pushpavihar, Nadathara, Thrissur - 680751; Tel: (0611) 2255330(O), (0487) 2426351(R), 07033291550(M); Email: bmkumar.kau@gmail.com; bmohan@nalandauniv.edu.in; Sp. **Agroforestry/Forest Ecology/Silviculture.**

1985 **KUMAR, Har Darshan** (b. 1934) PhD(Lond), FNA, FASc, Formerly Professor of Botany, and Dean, Faculty of Science, Banaras Hindu University, Varanasi; Res. B32/32, H.K.214, Saketnagar Colony, Naria, Varanasi - 221005; Tel: (0542) 2315180(R); Email: hdk71@yahoo.co.in; hdkumar@rediffmail.com; Sp. **Algology/Microbiology/Environment.**

2017 **KUMAR, Lalit** (b. 1957) MD, DM, FAMS, FASc, Professor & Head, Medical Oncology, All India Institute of Medical Sciences, New Delhi - 110029; Res. 2, Sector 45, Gurugram - 122003; Tel: (011) 26593405(O), (0124) 2380828(R), 09811446828(M); Fax: 26588663; Email: lalita@iims@yahoo.com; Sp. **Medical Oncology/Stem Cell Transplant/Gynecologic Oncology/Hemato Oncology.**

2007 **KUMAR, Maripi Dileep** (b. 1954) PhD, FASc, FNA, CSIR-Emeritus Scientist and JC Bose National Fellow, National Institute of Oceanography, Regional Centre, 176 Lawsons Bay Colony, Visakhapatnam - 530017; Res. Flat No.203, Sai Residency, Vasundhara Nagar Colony, Mithilapuri VUDA Colony Road, P.M. Palem Post, Visakhapatnam - 530041; Tel: (0891) 2514018-304(O); Email: dileep@nio.org; Sp. **Oceanography/Bio-geo Chemistry.**

1994 **KUMAR, Narendra** (b. 1940) Ph.D., F.N.A., F.A.Sc., F.A.P.S., F.T.W.A.S., Emeritus Professor, Raman Research Institute, C.V. Raman Road, Bangalore - 560080; Res. 305, III Cross, RMV Extn., II Stage, II Block, Bangalore - 560094; Tel: (080) 26311016(O), 23410549(R), 09448495421(M); Fax: 23610492; Email: nkumar@rri.res.in; Sp. **Superconductivity/Disordered System/Statistical Physics.**

2007 **KUMAR, Pradeep** (b. 1957) PhD, FNA, Former Chief Scientist & Head, Division of Organic Chemistry, National Chemical Laboratory, Pune - 411008; Res. Mont Vert-1, B-17, Pashan Sus Road, Pune - 411021; Tel: (020) 25902050(O), 25871375(R), 09421078425(M); Fax: 25902629; Email: pk.tripathi@ncl.res.in; Sp. **Synthetic Methodologies/Asymmetric Synthesis/Total Synthesis of Biologically Important Natural Products.**

2011 **KUMAR, Rashmi** (b. 1954) MBBS, M.D.(Pediatrics), Professor of Pediatrics, CSM Medical University, Lucknow - 226003; Res. HIG 111, Sec E, Aliganj, Lucknow - 226024; Tel: (0522) 2257377, 2257243(O), 2322577(R); Email: rashmik2005@gmail.com; Sp. **Pediatric Neurology/Infectious Disease.**

1989 **KUMAR, S.S.** (b. 1936) Ph.D., Professor & Chairman, Botany Department, Panjab University, Chandigarh - 160014; Res. 450, Sector 16-D, Chandigarh; Sp. **Bryology.**

2008 **KUMAR, Sanjay** (b. 1963) Ph.D., F.N.A.A.Sc., F.C.I.S.I., Director, Institute of Himalayan Bioresource Technology, Palampur - 176061; Res. E-8, CSIR Colony, Palampur - 176061; Tel: (01894) 230411(O), 231008(R), 09805536257, 09816621463(M); Email: sanjaykumar@ihbt.res.in; sanjayplp@rediffmail.com; Sp. **Plant Adaptation and Climate Change Biology/Metabolic Engineering/Bioprospecting genes/Enzymes.**

2003 **KUMAR, Subodh** (b. 1960) PhD, Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar - 143005; Res. H.No.-5, Ajnala-Mahal Bypass, Amritsar - 143005; Tel: (0183) 2258802-09 Extn. 3206(O), 09872361528(M); Fax: 2258820; Email: subodh\_gndu@yahoo.co.in; Sp. **Organic Chemistry/Mol. Recognition and Supramolecular Chemistry.**

1993 **KUMAR, Sushil** (b. 1940) PhD, FASc, FNA, FNAAS, INSA Honorary Scientist, SKAIRE&D; Res. 4/11 Sarv Priya Vihar, New Delhi - 110016; Tel: (011) 26865494(R), 09810723891(M); Fax: 26741658; Email: sushil2000\_01@yahoo.co.in; Sp. **Plant Biodiversity/Genetics and Molecular Biology/Biotechnology.**

2002 **KUMAR, Vijay** (b. 1954) PhD, FNAAS, FAMS, Professor, Department of Molecular and Cellular Medicine, Institute of Liver and Biliary Sciences, D1, Vasant Kunj, New Delhi-70; Res. House No. 3266, Sector 23, Gurgaon - 122017; Tel: (011) 46300000 Extn. 24112(O); Email: vkumar@ilbs.in; vijaykumar98@gmail.com; Sp. **Molecular Cell Biology/Biotechnology/Medical Virology.**

1993 **KUMAR, Vikram** (b. 1947) MS(Lehigh), PhD(Lehigh), FNAE, FIETE, Dr. Raja Ramanna DRDO Distinguished Fellow, Solid State Physics Laboratory Delhi - 110054; Res. A165 Prodyogiki Apartments, Dwarka Sector 3, New Delhi - 110075; Tel: (011) 23093415(O), 45141721(R); Email: vkmr@physics.iitd.ac.in; vkmr47@gmail.com; Sp. **Semiconductor Physics and Technology.**

1989 **KUMAR, Virendra** (b. 1932) Ph.D., Department of Botany, Dr. Zakir Husain College, (University of Delhi), New Delhi; Res. B-271, Ground Floor, Near Dayanand Model School, Vivek Vihar Phase 1, Delhi - 110095; Tel: (011) 23233420(O), 09818341316(M); Fax: 23215906; Email: k.virendra7@gmail.com; Sp. **Cytogenetics/Mountain Ecosystems Conservation and Development.**

2016 **KUNDU, Anirban** (b. 1967) PhD, Professor, Department of Physics, University of Calcutta, 92 APC Road, Kolkata - 700009; Res. 30, Dr. Amrita Lal Munshi Lane, Uttarpara - 712258; Tel: (033) 23607854, 23508386 Ext.411(O), 09830619645(M); Email: anirban.kundu.cu@gmail.com; akphy@caluniv.ac.in; Sp. **Theoretical Particle Physics/High Energy Phenomenology.**

2001 **KUNDU, Debasis** (b. 1961) Ph.D., Professor, Dept. of Mathematics, IIT Kanpur, Kanpur - 208016; Res. House No. 414, IIT Kanpur, Kanpur - 208016; Tel: 0512-2597141(O), 2598271(R); Fax: 2597500; Email: kundu@iitk.ac.in; Sp. **Statistical Signal Processing.**

2003 **KUNDU, Gopal Chandra** (b. 1959) PhD, FASc, Scientist - G, National Centre for Cell Science, NCCS Complex, Pune - 411007; Res. T-29, Nandanvan, Pimpili-Nilakh, Pune - 411027; Tel: (020) 25708103/8104(O), 09422506548(M); Fax: 25692259; Email: kundu@nccs.res.in; gopalkundu@hotmail.com; Sp. **Tumor Biology/Regulation of Gene Expression/Angiogenesis/Cancer Stem Cells and Nanomedicine.**

1999 **KUNDU, Malay Kumar** (b. 1948) Ph.D., F.N.A.E., FIAPR, FIETE, INAE Distinguished Professor, Machine Intelligence Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. 130 Ramdulal Sarkar Street, Flat No. M2, Kolkata - 700006; Tel: (033) 25753108, 25783357(O), 22570226(R); Fax: 25783357, 25773035; Email: malay@alum.mit.edu; malay@isical.ac.in; Sp. **Image & Video Analysis/Machine Intelligence/Computer Science**

2011 **KUNDU, Subhas Chandra** (b. 1947) Ph.D., Professor, Department of Biotechnology, Indian Institute of Technology Kharagpur, Kharagpur - 721302; Res. B-83, IIT Campus, Kharagpur - 721302; Tel: (03222) 283764/81362(O), 283765/278100(R); Fax: 278707; Email: kundu@hijli.iitkgp.ernet.in; skundu@gmail.com; Sp. **Genetics/Biomaterials/Regenerative Medicine/Tissue Engineering.**

2005 **KUNDU, Tapas Kumar** (b. 1962) PhD, FNA, FASc, Professor, Transcription & Disease Lab., Molecular Biology & Genetics Unit, J.N. Centre for Advanced Scientific Research, Jakkur P.O., Bangalore-560064; Res. A201/273/1/3 MV Royal Homes, Srirampura, Jakkur P.O., Bangalore - 560064; Tel: (080) 22082840,41(O), 23622773(R), 09449456334(M); Fax: 22082766; Email: tapas@jncasr.ac.in; Sp. **Transcription Regulation/Chromatin Structure-function/Small Molecule Modulators of Chromatin Modifying Enzymes.**

1990 **KUNWAR, Ajit Chand** (b. 1949) Ph.D., Scientist, NMR Group, Indian Institute of Chemical Technology, Tarnaka, Hyderabad - 500007; Res. C-8, IICT Colony, Indian Institute of Chemical Technology, Tarnaka, Hyderabad - 500007; Tel: 040-27193976(O), 27193580(R); Fax: 27193108; Email: kunwar@iict.res.in; Sp. **NMR Spectroscopy.**

2009 **KUNZRU, Deepak** (b. 1947) Ph.D., F.N.A.E., Distinguished Professor (Chemical Engineering), School of Engineering and Applied Sciences, Ahmedabad University, GICT Building, Central Campus, Navrangpura, Ahmedabad-380009; Tel: (079) 61911143(O), 09936335523(M); Email: deepak.kunzru@ahduni.edu.in; Sp. **Structured Reactors/Catalysis/Petroleum Refining.**

2014 **KUSHWAHA, Satya Prakash Singh** (b. 1955) PhD, FAvH, FNIE, Former Gr. Director, Dean(Acad.) & Professor & Head, IIRS, ISRO; Res. Humboldt House, 62 Hari Vihar, Vijay Park, Chakrata Road, Dehradun - 248001; Tel: 09411106224(M); Email: spskushwaha@gmail.com; Sp. **Ecology/Biodiversity/Geoinformatics.**

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2006 **CHADDAH, Praveen** (b. 1951) Ph.D., F.N.A., F.A.Sc., Formerly Director, UGC-DAE Consortium for Scientific Res. Indore; Res. Flat 702, Block 24, Heritage City, MG Road, Near Metro Station, Gurgaon - 122002; Tel: (0124) 4280243(R), 09630128811(M); Email: chaddah.praveen@gmail.com; Sp. **Low Temperature Physics/Superconductivity**.

1986 **CHADHA, Mohindra Singh** (b. 1928) Ph.D., F.N.A., Formerly Director, Biochemical Group, BARC, Mumbai; Res. C-6, Beach House Apts., Gandhigram Road, Juhu, Mumbai-400049; Tel: 022-26202596(R); Email: chadhams@mail.com; chadhams@gmail.com; Sp. **Organic and Bioorganic Chemistry**.

2009 **CHADHA, Rajender Kumar** (b. 1955) Ph.D., Chief Scientist, Seismology Group, National Geophysical Research Institute, Uppal Road, Hyderabad - 500007; Res. 4-200/35B Eashwaripuri Colony, Sainikpuri, Secunderabad - 500094; Tel: (040) 27012830(O), 20089888(R), 09849378244(M); Fax: 23434651; Email: chadha@ngri.res.in; rajen0555@gmail.com; Sp. **Seismology**.

2003 **CHAINY, Gagan Bihari Nityananda** (b. 1950) PhD, FZSI, Professor, Department of Zoology & Biotechnology, Utkal University, Bhubaneswar - 751004; Res. 603, Sri Sudarshan Tower, Sahid Nagar, Bhubaneswar - 751007; Tel: (0674) 2548713(R), 09337116660(M); Email: chainyng@gmail.com; Sp. **Biochemistry/Free Radical Metabolism**.

2000 **CHAKRABARTI, Alok Nath** (b. 1943) PhD, FIMA(UK), CMATH(UK), NASI Honorary Scientist; Formerly Professor, Department of Mathematics, Indian Institute of Science, Bangalore - 560012; Res. 930/20, 7th Cross, Gokul I Stage, I Phase, Mathikere, Bangalore - 560054; Tel: (080) 22932265 Extn. 220(O), 23374526(R); Fax: 23600146; Email: aloknath.chakrabarti@gmail.com; alok@alumni.iisc.ac.in; Sp. **Applied Mathematics/Boundary Value Problems/Integral Equations**.

2009 **CHAKRABARTI, Arunaloake** (b. 1956) MBBS, MD, FAMS, FIDSA, FECMM, Professor & Head, Department of Medical Microbiology, PGIMER, Chandigarh, Chandigarh - 160012; Res. House No. 60, Sector 24A, Chandigarh - 160023; Tel: (0172) 2747990(O), 2715916(R); Fax: 2744401; Email: arunaloake@hotmail.com; Sp. **Medical Mycology**.

2013 **CHAKRABARTI, Manoj Kumar** (b. 1952) Ph.D., FAScT, Director Grade Scientist & Head, Division of Pathophysiology, National Institute of Cholera & Enteric Diseases, P-33, CIT Road, Scheme XM, Beliaghata, Kolkata - 700010; Res. 73, Lake East 6th Road, Santoshpur, Kolkata - 700075; Tel: (033) 23537470(O), 24167851(R), 09831597346(M); Fax: 23632398; Email: mkc\_niced@yahoo.co.in; Sp. **Microbial Biochemistry/Immunology**.

1981 **CHAKRABARTI, Nirmal Kumar** (b. 1927) D.Phil., F.P.S.E., F.W.B.A.S.T., Joint Director, CRR, Cuttack; Ex-Director, CRIJAF, Barrackpore Res. B-12/320, Kalyani - 741235; Tel: (033) 5828963(R); Sp. **Plant Pathology (Rice)-Epidemiology/Disease Resistance/Chemical Control**.

1991 **CHAKRABARTI, Parul** (b. 1939) Ph.D., Professor of Chemistry, Bose Institute, 93/1, A.P.C. Road, Kolkata - 700009; Res. CJ 331, Kolkata - 700091; Tel: (033) 23506619(O), 3344130, 23582686(R); Fax: 23506790; Email: parul@bosemain.boseinst.ac.in; Sp. **Membrane Biochemistry/Biological Chemistry**.

2006 **CHAKRABARTI, Pinakpani** (b. 1955) PhD, FNA, FASc, FTWAS, Professor, Department of Biochemistry & Bioinformatics Centre, Bose Institute, P1/12 CIT Scheme VIIM, Kolkata - 700054; Res. A2, Srobona, Neelachal Abasan, 98, Rajdanga Gold Park(N), Kolkata - 700107; Tel: (033) 25693253(O), 09830751009(M); Fax: 23553886; Email: pinak@jcbose.ac.in; pinak.chak@gmail.com; Sp. **Structural Biology/Molecular Biophysics/Bioinformatics**.

2010 **CHAKRABARTI, Sekhar** (b. 1952) PhD, FNA, Formerly Scientist G & Head, Division of Virology, NICED; Res. Flat B-005 VIP Enclave II, VIP Road, Baguihati, Kolkata - 700059; Tel: (033) 25918057(R), 09831504066(M); Email: sekharchakrabarti61@gmail.com; Sp. **Medical Virology/Biotechnology**.

2000 **CHAKRABORTI, Pradip Kumar** (b. 1956) PhD, FASc, FNA, Professor and JC Bose National Fellow, Biotechnology Dept., School of Chemical and Life Sciences, Jamia Hamdard (Hamdard Univ.), Hamdard Nagar, New Delhi - 110062; Res. House No. 1005, Sector 39 B, Chandigarh - 160036; Tel: (011) 26059668 Ext.5583(O), (0172) 2695488(R), 09815863975(M); Email: pkchakraborti@jamiahamdard.ac.in; pradipchakraborti@gmail.com; Sp. **Molecular Biology and Biochemistry/Molecular Microbiology**.

2015 **CHAKRABORTY, Mrityunjay** (b. 1961) PhD, FNAE, Professor, Department of Electronics & Electrical, Communication Engineering, Indian Institute of Technology Kharagpur, Kharagpur - 721302; Res. A-185, IIT Kharagpur, Kharagpur - 721302; Tel: (03222) 283512(O), 283513(R), 09434026874(M); Fax: 255303; Email: mrityun@ece.iitkgp.ernet.in; Sp. **Electronics and Telecommunication Engineering**.

2008 **CHAKRABORTY, Niranjan** (b. 1958) Ph.D., Director-in-Charge, Staff Scientist VII, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Tel: (011) 26735178(O), 26139428(R), 09873208264(M); Fax: 26741658; Email: nchakraborty@hotmail.com; nchakraborty@nipgr.res.in; Sp. **Plant Proteomics/Molecular Biology/Biochemistry.**

2012 **CHAKRABORTY, Partha Sarathi** (b. 1973) PhD, Professor H, The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai - 600113; Res. Flat 304, Block 16B, Bollineni Hillside, Perumbakkam Main Road, Post Sithalapakkam, Chennai - 600126; Tel: (044) 22543252(O), 28387353(R); Fax: 22541586; Email: parthac@imsc.res.in; parthacsarathi@yahoo.co.in; Sp. **Noncommutative Geometry/Operator Algebras/Global Analysis.**

2004 **CHAKRABORTY, Subhra** (b. 1964) Ph.D., FASc, FNAAS, Staff Scientist-VII (Professor), National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Res. C9/9428, Vasant Kunj, New Delhi - 110070; Tel: (011) 26735186(O), 26139428(R); 2 Fax: 26741658; Email: subhrac@hotmail.com; schakraborty@nipgr.ac.in; Sp. **Nutritional & Stress Genomics/Proteomics/Molecular Biology/Genetic Engineering.**

2009 **CHAKRABORTY, Suman** (b. 1973) ME, PhD, FNAE, FNA, FASc, Professor, Department of Mechanical Engineering, IIT Kharagpur, Kharagpur - 721302; Res. 28/9 Station Road, P.O. Dhakuria, Kolkata - 700031; Tel: (03222) 282990(O), 24836947(R), 09831402939(M); Fax: 2822778; Email: suman@mech.iitkgp.ernet.in; sumanchakraborty\_iitkgp@yahoo.com Sp. **Mechanical Engineering/Fluid Mechanics & Thermal Sciences.**

2017 **CHAKRABORTY, Supriya** (b. 1969) PhD, FNAAS, Professor, Molecular Virology Laboratory, School of Life Sciences, Jawaharlal Nehru University, New Delhi - 110067; Res. 36, Dakshina Puram, JNU Campus, New Delhi - 110067; Tel: (011) 26704153(O), 26741875(R), 09868628684(M); Fax: 26742558; Email: supriyachakrasls@yahoo.com; Sp. **Plant Viruses/Plant Virus Interaction.**

2000 **CHAKRABORTY, Tushar Kanti** (b. 1957) PhD, FNA, FASc, JC Bose Fellow, Professor, Department of Organic Chemistry, Indian Institute of Science, Bangalore - 560012; Tel: (080) 22932215(O), 23603380(R); Fax: 23600529; Email: tushar@iisc.ac.in; tusharkantichakraborty@gmail.com; Sp. **Peptides and Peptidomimetics/Organic Synthesis/Bioorganic Chemistry.**

2012 **CHAKRAPANI, Govind Joseph** (b. 1963) PhD, Professor, Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee - 247667; Res. 54/1, Amod Path, IIT Campus, Roorkee - 247667; Tel: (01332) 285080(O), 285548(R), 09411769309, 0941111168(M); Fax: 285638, 273560; Email: chakrapani.govind@gmail.com; gjcurfes@iitr.ernet.in; Sp. **Environmental Geochemistry/Water Environment/Rock-Water Interaction.**

2004 **CHAKRAVARTY, Ashim Kumar** (b. 1941) Ph.D., Professor : In-Charge, Immunology & Cell Biology Lab. Department of Zoology, Centre for Life Sciences, North Bengal University, Siliguri - 734430; Res. 'NABARKA', 83 J.C. Bose Road, Shantimore, Hakimpura, Siliguri - 734001; Tel: (0353) 2582124, 2581493(O), 2536336(R), 09434875842(M); Fax: 2581546; Email: ashim.k.chakravarty@gmail.com; Sp. **Immunology/Molecular Biology/Genetics.**

2014 **CHAKRAVARTY, Runu** (b. 1954) Ph.D., Deputy Director, ICMR Virus Unit, Kolkata, GB-4, 1st Floor, ID & BG Hospital Campus, 57, Dr. S.C. Banerjee Road, Kolkata - 700010; Res. CE 52 Sector 1, Salt Lake, Kolkata - 700064; Tel: (033) 23537425(O), 23598187(R), 09831487077(M); Fax: 23537424; Email: runugc@gmail.com; Sp. **Medical Virology/Biochemistry/Molecular Epidemiology.**

1959 **CHAKRAVARTY, S.C.** (b. 1911) Ph.D., D.Sc., Formerly Professor of Botany; Res. E-6/MIG 100, Arera Colony, Bhopal-14; Sp. **Vernalization/Growth Hormones.**

2012 **CHAKRAVORTI, Sivaji** (b. 1962) PhD, FNAE, FAST, FIE(I), FIETE, Director, National Institute of Technology Calicut, NIT Campus PO, Chathamangalam, Kozhikode - 673601; Res. Flat No. 1E, Swati Kunj, 3/1A Paddapukur Road, Kolkata - 700092; Tel: (0495) 2286100(O), (033) 24115027(R); Email: s\_chakrav@yahoo.com; director@nitc.ac.in; Sp. **Condition Monitoring of High Voltage Equipment/Optimization of High Voltage System/High Voltage Fields.**

2012 **CHAKRAVORTTY, Dipshikha** (b. 1968) PhD, FNA, Professor, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore - 560012; Res. D-209, IISc Campus, Indian Institute of Science, Bangalore - 560012; Tel: (080) 22932842(O), 23606657(R), 09902789453(M); Fax: 23602697; Email: dipa@iisc.ac.in; chakravorttyd@gmail.com; Sp. **Microbiology/Infectious Diseases/Immunology.**

2006 **CHAMYAL, Laxman Singh** (b. 1959) PhD, FGSA, Professor & Head, Department of Geology, Faculty of Science, The MS University of Baroda, Vadodara - 390002; Res. A-102, Skyline, Sunpharma Road, Vadodara - 390012; Tel: (0265) 2785560(O), 2787907(R), 09426721547(M); Fax: 2795569; Email: Ischamyal@yahoo.com; Sp. **Quaternary Geology/Neotectonics.**

2002 **CHANDA, Bhabatosh** (b. 1957) PhD, FIETE, FNAE, FIAPR, Professor, Electronics and Communication Sciences Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. 125, Madhusudan Mukherjee Road, Khardah, 24 Pgs.(N)-700116; Tel: (033) 25752915, 25752913, 25752909(O); Fax: 25752914; Email: chanda@isical.ac.in; Sp. **Digital Image Processing/Pattern Recognition/Computer Vision.**

2017 **CHANDRA, Amalendu** (b. 1963) PhD, FASc, FNA, Professor, Department of Chemistry, Indian Institute of Technology Kanpur - 208016; Res. House No. 632, IIT Kanpur, Kanpur - 208016; Tel: (0512) 2597241(O), 2598446(R), 09415045276(M); Fax: 2596806; Email: amalen@iitk.ac.in; Sp. **Statistical Mechanics of Liquids/Molecular Simulations and Modeling/Theoretical Nonlinear Spectral Studies of Liquids and Interfaces.**

1974 **CHANDRA, Ashoka** (b. 1942) Ph.D.(Cornell), F.I.E., F.I.E.T.E., F.N.A.E., Former Special Secretary, GOI; Res. House No.15, Block A, Sector 15, Noida - 201301, UP; Tel: (0120) 4321642(R), 09810394959(M); Email: prof\_ashoka\_chandra@yahoo.com; Sp. **Technical Education/Solid State Physics/Electronics & Telecommunications.**

1989 **CHANDRA, Hombe Gowda Sharat** (b. 1938) PhD, FNA, FASc, FTWAS, Director, Centre for Human Genetics, Biotech Park, Electronic City, Phase I, Bengaluru - 560100; Res. 192, 24th B Cross, 8th Main, 3rd Block, Jayanagar, Bangalore - 560011; Tel: (080) 28521833, 28523596(O), 26639353(R); Fax: 28521832; Email: sharat@mcbl.iisc.ernet.in; sharat@chg.res.in; Sp. **General Genetics/Human Chromosomes.**

1986 **CHANDRA, Naresh** (b. 1934) Ph.D., Formerly Professor & Head, Botany Department and Dean, Faculty of Science, University of Rajasthan, Jaipur-302004; Res. 7-N-18, Jawahar Nagar, Jaipur-302004; Tel: 0141-2650919(R); Email: nareshchandra34@indiatimes.com; Sp. **Plant Morphogenesis/Biotechnology.**

1994 **CHANDRA, Peeyush** (b. 1950) Ph.D., Formerly Professor, IIT Kanpur; Res. B 603, Vicenza Highbreeze, Kalali Link Road, Vadodara - 390012; Tel: 09450346471(M); Email: peeyush@iitk.ac.in; Sp. **Mathematical Modelling/Bio-fluid mechanics.**

1996 **CHANDRASEKHAR, Muthugadahalli G.** (b. 1949) Ph.D., Director, Devas Multimedia Pvt.Ltd., 284/C, Chandra Nivas, 9th A Main 40th Cross, 5th Block, Jayanagar, Bangalore - 560041; Tel: 09980519256, 7034755284(M); Email: drchandramg@yahoo.co.in; mgc@devasmedia.com; Sp. **Satellite Technology/Spacecraft Mission Planning & Operations/Earth Observation and Communication Satellites & their Applications.**

2010 **CHANDRASEKHAR, Srivari** (b. 1964) PhD, FASc, FNA, Director, Indian Institute of Chemical Technology, Uppal Road, Hyderabad - 500007; Res. #101 & 201 H.No. 2-2-20/B/8, P.No.10, Block-K, DD Colony, Amberpet, Hyderabad - 500013; Tel: (040) 27193030, 27193210(O), 27423675(R), 09848035908(M); Fax: 27160512; Email: srivaric@iiict.res.in; srivaric@gmail.com; Sp. **Organic Chemistry.**

2007 **CHANDRASEKHAR, Vadapalli** (b. 1958) Ph.D., F.A.Sc., F.N.A., F.T.W.A.S., Director, National Institute of Science Education and Research, Institute of Physics Campus, Sachivalaya Marg, Sainik School Road, Bhubaneswar - 751005; Tel: (0674) 2304005(O), 09415132221(M), 09437057878(M); Fax: 2304070; Email: director@niser.ac.in; Sp. **Organometallic Chemistry/Inorganic Chemistry.**

1979 **CHANDRASEKHARA, B.C.** (b. 1934) Ph.D., Formerly Professor, Res. 40/2 Khazi Street, Basavanagudi, Bangalore - 560004; Tel: 09916446650(M); Sp. **MHD/Plasma/Heat Transfer.**

1996 **CHANDRASHEKAR, K. Tavarekere** (b. 1956) PhD, FASc, FNA, FTWAS, Senior Professor, School of Chemical Sciences, National Institute of Science Education & Research, PO Sainik School, Khordha District, Bhubaneswar - 752050; Tel: 09818844936(M); Email: tkc.serb@nic.in; Sp. **Inorganic/Bioinorganic Chemistry.**

2007 **CHAPLOT, Samrath Lal** (b. 1955) PhD, FNA, Raja Ramanna Fellow, Physics Group, Bhabha Atomic Research Centre, Mumbai - 400085; Res. Flat 904, Sai Ansh CHS Ltd., Plot 7, Sector 11, Sanpada, Navi Mumbai - 400705; Tel: (022) 25595054(O), 27759768(R); Fax: 25505151; Email: chaplot@barc.gov.in; Sp. **Condensed Matter Physics/Neutron Scattering/Lattice Dynamics.**

2000 **CHARY, Kandala Venkata Ramana** (b. 1954) PhD, FTWAS, FNA, FAPAS, FTSAS, Sir JC Bose National Fellow, Director, Indian Institute of Science Education & Research Behrampur, Transit Campus, Govt. ITI, Berhampur, Engg. School Junction NH 59, Berhampur - 760010; Tel: (0680) 2227701(O), 09987260959(M); Fax: 2227704; Email: chary@tifr.res.in; chary54@gmail.com; Sp. **Molecular Biophysics/Biological Chemistry/Structural Biology/NMR Spectroscopy.**

2009 **CHATTARAJ, Pratim Kumar** (b. 1958) PhD, FNA, FASc, FTWAS, Institute Chair Professor & Professor, Department of Chemistry, I.I.T. Kharagpur, Kharagpur - 721302; Res. Qrs.No. A-46, IIT Campus, Kharagpur - 721302; Tel: (03222) 283304(O), 283305, 278156(R); Fax: 255303; Email: pratim.chattaraj@gmail.com; pkc@chem.iitkgp.ernet.in; Sp. **Density Functional Theory/Chemical Reactivity/Nonlinear Dynamics.**

2016 **CHATTERJEE, Anindya** (b. 1966) PhD, FNAE, Professor, Mechanical Engineering Dept., Indian Institute of Technology Kanpur, Kanpur - 208016; Res. B402, Faculty Apartments, IIT Kanpur Campus, Kanpur - 208016; Tel: (0512) 2596961(O), 2594620(R), 09044422869(M); Fax: 2597408; Email: anindya@iitk.ac.in; anindya100@gmail.com; Sp. **Mechanical Engineering.**

2006 **CHATTERJEE, Anupam** (b. 1956) PhD, Professor & Head, Department of Biotechnology Bioinformatics, North-Eastern Hill University, Shillong - 793022; Res. P-45, NEHU Permanent Campus, North-Eastern Hill University, Mawlai, Shillong - 793022; Tel: (0364) 272 2403/2409(O), 2551693(R), 09402131929(M); Fax: 2550076, 2722000; Email: anupamchatterjee@nehu.ac.in; chatterjeeanupam@hotmail.com; Sp. **Radiation Genetics/Cancer Genetics.**

- 1999 **CHATTERJEE, Bishnu Pada** (b. 1942) PhD(Sc.), FAScT, FAMS, ISCA Sir Asutosh Mookerjee Fellow & Emeritus Professor, Maulana Abul Kalam Azad University of Technology, BF-142, Sector-1, Salt Lake, Kolkata - 700064; Res. 'Ratnamala', 5/1/3 Khetra Mitra Lane, Salkia, Howrah - 711106; Tel: (033) 23210073/1327 Ext.203(O), 09831693357(M); Fax: 23341030, 23341028; Email: cbishnup@gmail.com; Sp. **Carbohydrates/Protein Chemistry/Glycobiology/Immunology.**
- 2011 **CHATTERJEE, Debabrata** (b. 1956) PhD, CChem, FRSC(UK), FFAST, Formerly Scientist & Head, Chemistry & Biomimetics Group, CSIR-CMERI, Durgapur - 713209; Res. Post - Gopinathpur, Durgapur-713211; Dist. Burdwan; Tel: (0343) 2554017(R), 09474112800(M); Email: dchat57@hotmail.com; Sp. **Kinetic & Reaction Mechanism/Catalysis/Photocatalysis.**
- 2015 **CHATTERJEE, Mitali** (b. 1960) MD, PhD, FRCP(London), FASc, FAMS, Professor, Department of Pharmacology, Institute of PG Medical Education and Research, 244 Archarya JC Bose Road, Kolkata - 700020; Res. 57/11B Ballygunge Circular Rd, Kolkata - 700019; Tel: (033) 22041428(O), 09830031523(M); Email: ilatim@vsnl.net; ilatimc@gmail.com; Sp. **Immunopharmacology.**
- 2001 **CHATTERJEE, Rabindra Nath** (b. 1950) PhD, DSc, FAScT, FZSI, FZS, Formerly Professor & Head, Department of Zoology, University of Calcutta, 35, B.C. Road, Kolkata - 700019; Res. 25 East Point, Haltu, Kolkata - 700078; Tel: (033) 24615445 Ext.273(O), 24424678(R), 09433132910(M); Fax: 24614849; Email: chatterjee\_rn@yahoo.co.in; chatterjeeerncu@gmail.com; Sp. **Genetics/Developmental Biology/Molecular Biology.**
- 1995 **CHATTERJEE, Ranjit Kumar** (b. 1939) M.V.Sc., Ph.D., F.H.S., Formerly Sr. Deputy Director, CDRI, Lucknow; Res. 95, Rabindra Palli, Faizabad Road, Lucknow - 226016; Tel: 0522-2351766(R), 09839233946(M); Sp. **Parasitic Diseases/Parasite Chemotherapy/Parasite Immunobiology.**
- 1985 **CHATTERJEE, Smriti Narayan** (b. 1932) PhD, FAScT, FAMS, FNA, Formerly Sr. Professor & Director, Saha Institute of Nuclear Physics, Kolkata; Res. Block-CF-69, Sector - I, Bidhan Nagar, Kolkata - 700064; Tel: (033) 23346118(R), 09831180440(M); Email: sncac.08@gmail.com; Sp. **Biophysics/Microbiology/Free Radicals & Genetic Toxicology/Biological Electron Microscopy.**
- 1989 **CHATTERJI, Dipankar** (b. 1951) PhD, FASc, FNA, FTWAS, Professor, Molecular Biophysics Unit, Indian Institute of Science, Bangalore - 560012; Res. Villa 55, Phase 2, Palm Meadows, Whitefield Road, Bangalore - 560066; Tel: (080) 23600137, 22932836(O), 23605458, 25392055(R), 09845404962(M); Fax: 23600535, 23600683; Email: dipankar@iisc.ac.in; Sp. **Molecular Biology/Biophysical Chemistry.**
- 1998 **CHATTOPADHYAY, Amitabha** (b. 1956) PhD, FRSB, FRSC, FNA, FASc, FAPSc, FTASc, FAScT, JC Bose Fellow, Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad - 500007; Res. Apt.No.301, Surya Splendor, Road No.1, Kakatiya Nagar, Habsiguda, Hyderabad - 500007; Tel: (040) 27192578, 27160059(O), 09849803092(M); Fax: 27160311, 27160591; Email: amit@ccmb.res.in; amit.gpcr@gmail.com; Sp. **Membrane Biology/Molecular and Cellular Neurobiology/Fluorescence Spectroscopy and Microscopy.**
- 2009 **CHATTOPADHYAY, Debasis** (b. 1967) PhD, FASc, FNA, Scientist VII, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Res. H-VB(D1)-001 National Instt. of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Tel: (011) 26735189(O), 26735148(R), 09868240645(M); Fax: 26741658; Email: debasis@nipgr.ac.in; Sp. **Abiotic Stress/Plant Genomics.**
- 1997 **CHATTOPADHYAY, Dhrubajyoti** (b. 1954) PhD, FASc, FWAScT, Vice Chancellor, Amity University Kolkata, New Town, Kolkata - 700135; Res. Digantika, H5, Block AH, Sector-2, Salt Lake, Kolkata - 700091; Tel: (033) 70120345(O), 23349382(R), 09831083791(M); Fax: 71020346; Email: dhrubajyoti@gmail.com; Sp. **Molecular Virology/Transcription/Biochemistry.**
- 1999 **CHATTOPADHYAY, Kamanio** (b. 1950) Ph.D., F.A.Sc., F.N.A., F.N.A.E., Honorary Professor, Dept. of Materials Engineering, Indian Institute of Science, Bangalore - 560012; Res. 410-411, Block III, RMV Cluster, Phase II, 10/11A, LT Halli, Devinagar Extn., Bangalore - 560094; Tel: (080) 22932262, 23601991(O), 09845949940(M); Fax: 23600472, 23601991; Email: kamanio@materials.iisc.ernet.in; Sp. **Physical Metallurgy and Materials Science/Nanomaterials and Alloy Development.**
- 2017 **CHATTOPADHYAY, Nitin** (b. 1960) PhD, FASc, FAScT, Professor, Department of Chemistry, Jadavpur University, Kolkata - 700032; Res. 63 A/2, Prince Gulam Hossain Shah Road, Jadavpur, Kolkata - 700032; Tel: (033) 24572776(O), 09433948648(M); Fax: 24146584; Email: nitin.chattopadhyay@yahoo.com; Sp. **Photochemistry/Biophysical Chemistry/Surface Chemistry.**
- 2006 **CHATTOPADHYAY, Samit** (b. 1959) PhD, FTWAS, FNA, FASc, FAScT, Director, Sir JC Bose National Fellow, CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Jadavpur, Kolkata - 700032; Tel: (033) 24735368, 24131157(O), 09823409155(M); Fax: 24735197; Email: director@iicb.res.in; samit@iicb.res.in; samitchatterji@yahoo.com; Sp. **Cancer Biology, Transcription/Chromatin Biology, Immunology.**
- 2014 **CHATTOPADHYAY, Sharmila** (b. 1959) Ph.D., Principal Scientist, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Kolkata - 700032; Res. 49/68, Prince Gollam Md. Shah Road, Kolkata - 700033; Tel: (033) 24995868(O), 24173996(R), 09432672974(M); Fax: 24735197; Email: sharmila@iicb.res.in; Sp. **Plant Defense/Medicinal Plants.**

2003 **CHATTOPADHYAY, Subrata** (b. 1957) Ph.D., Head, Bio-Organic Division, Bhabha Atomic Research Centre, Trombay, Mumbai - 400085; Res. 13, Shri Niketan, Anushaktinagar, Mumbai - 400094; Tel: (022) 25505163, 25593703(O), 25578826(R); Fax: 25505151, 25519613; Email: schatt@barc.gov.in; Sp. **Bioorganic Chemistry/Asymmetric Synthesis/Biocatalyst**.

2006 **CHATTOPADHYAY, Sudip** (b. 1960) PhD,FNA,FASc, JC Bose National Fellow, Professor, Department of Biotechnology, National Institute of Technology, Mahatma Gandhi Avenue, Durgapur - 713209; Res. House No. 73, Shilpakanan, Sector 2A, Bidhannagar, Durgapur - 713212; Tel: (0343) 2754030(O), 2537416(R), 09679266581(M); Fax: 2547375; Email: sudipchatto@gmail.com; sudip.chattopadhyay@bt.nitdgp.ac.in; Sp. **Developmental Biology/Signal Transduction**.

2015 **CHATTOPADHYAY, Sukalyan** (b. 1963) Ph.D., Senior Professor & Head, High Energy Nuclear and High Energy Division, Saha Institute of Nuclear Physics, 1/AF Bidhannagar, Kolkata - 700064; Res. 93/2, Kankulia Road, Flat D/203, Kolkata - 700029; Tel: (033) 23375345 Ext.3405(O), 24429266(R), 09831239031(M); Fax: 23374637; Email: sukalyan.chattopadhyay@saha.ac.in; sukalyan@mail.cern.ch; Sp. **Experimental Nuclear and High Energy Physics**.

1967 **CHATTORAJ, A.N.** D.Phil., Formerly Professor & Head, Zoology Department, Allahabad University, Allahabad; Res. 1, D Road, (Behind Chandralok Talkies), Allahabad - 211003; Tel: 0532-2563211(R); Sp. **Entomology**.

1989 **CHATURVEDI, Harish Chandra** (b. 1940) Ph.D.,F.I.S.H.Med., Emeritus Scientist, Tissue Culture Laboratory, National Botanical Research Institute, Lucknow - 226001; Res. 'Vishram', Vivek Khan 4/254, Gomti Nagar, Lucknow - 226010; Tel: 0522-2205840, 2205831-35 Extn. 289(O), 2393313, 2393987(R); Fax: 2205836, 2205839; Sp. **Plant Biotechnology & Morphogenesis in Plant Tissue Culture**.

2011 **CHATURVEDI, Madan Mohan** Ph.D., Professor, Laboratory for Chromatin Biology, Department of Zoology, University of Delhi (North Campus), Delhi - 110007; Res. C-15, 2nd Floor, 29-31 Chhatra Marg, University of Delhi(N.Campus), Delhi - 110007; Tel: (011) 27667443, 27667212 Extn. 316 & 317(O),27662729(R),09968468700(M); Fax: 27666051, 27667985; Email: mchaturvedi@zoology.du.ac.in; madan.chaturvedi@gmail.com; Sp. **Biochemistry & Molecular Biology**.

2008 **CHATURVEDI, Subhash** (b. 1950) D.Phil.(Waikato),F.A.Sc., Professor, Department of Physics, Indian Institute of Science Education & Research, Indore Bypass Road, Bhauri, Bhopal - 462066; Tel: 09959613709(M); Email: scifi103@yahoo.com; Sp. **Quantum Information/Stochastic Processes/Quantum PhaseSpace Distributions**.

1987 **CHATURVEDI, Umesh Chandra** (b. 1939) MBBS,MD,FRCPath(Lond),FASc,FNA,FAMS,FAAM(USA), Scientific Consultant,ICMR/DHR CSIR Emeritus Scientist, Res. 201-Annapurna Apartments, No.1 Bishop Rocky Street, Faizabad Road, Lucknow - 226007; Tel: (0522) 4026202(R), 09450913506(M); Email: uchaturvedi201@gmail.com; Sp. **Medical Microbiology/Virology/Immunology**.

1987 **CHAUDHARY, T.N.** (b. 1936) FNAAS, Asst. Director General (TWM), Indian Council of Agricultural Research, Krishi Bhavan, New Delhi - 110001; Res. R-159, Vani Vihar, Uttam Nagar, New Delhi - 110059; Tel: 09958408113, 09818314045(M); Email: sushil.chaudhary159@gmail.com; Sp. **Soil Science**.

1998 **CHAUDHARY, Vijay Kumar** (b. 1955) Ph.D., Professor & Head, Department of Biochemistry, University of Delhi South Campus, New Delhi - 110021; Res. 1GF Type 5A Flats, University of Delhi South Campus, New Delhi - 110021; Tel: (011) 24114157-58, 24115883(O), 24115863(R); Fax: 24115270; Email: vkchaudhary@south.du.ac.in; vijikumchau@gmail.com; Sp. **Biochemistry/Protein Engineering**.

1994 **CHAUDHURI, Bidyut Baran** (b. 1950) PhD,FNA,FNAE,FIETE,FIAPR,FIEEE,FTWAS, Professor & Head, Computer Vision & Pattern Recognition Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. 87/29, A.K. Mukherjee Road, Kolkata - 700090; Tel: (033) 25752852, 25752850(O), 65657893(R), 09038329290(M); Fax: 25753035, 25751832; Email: bbcisical@gmail.com; bbc@isical.ac.in; Sp. **Image Processing/Pattern Recognition/Natural LanguageProcessing**.

2014 **CHAUDHURI, Keya** (b. 1952) PhD,FNAMS, Ex Emeritus Scientist (CSIR), Indian Institute of Chemical Biology, Kolkata - 700032; Res. 356/1D/1 NSC Bose Road, Kolkata - 700047; Tel: 09831215893(M); Email: keya.chaudhuri@gmail.com; Sp. **Molecular Medicine/Infectious Diseases/Molecular & CellBiology**.

1996 **CHAUDHURI, Kripasindhu** (b. 1943) PhD,FIMA(UK), Former Professor, Department of Mathematics, Jadavpur University, Kolkata - 700032; Res. 39A, Ajanta Road, New Santoshpur, Kolkata - 700075; Tel: (033) 24146282(O), 24163747(R), 09433001765(M); Email: chaudhuriks@gmail.com; Sp. **Operations Research/Mathematical Ecology/History ofMathematics/Fluid Dynamics**.

2007 **CHAUDHURI, Probal** (b. 1963) Ph.D.,F.A.Sc., Professor, Theoretical Statistics & Mathematics Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. 8, Ramlal Agarwalla Lane, Kolkata - 700050; Tel: (033) 2575-3414,3400,4300(O), 25580105(R), 09831789429(M); Email: probal@isical.ac.in; Sp. **Statistics**.

2003 **CHAUDHURI, Subhasis** (b. 1963) PhD,FNAE,FNA,FASc,FIEEE, KN Bajaj Professor, Department of Electrical Engineering, IIT Bombay, Powai, Mumbai - 400076; Res. B-130,IIT

Bombay Campus, Powai, Mumbai - 400076; Tel: (022) 25767437(O), 25768437(R); Fax: 25723707; Email: sc@ee.iitb.ac.in; Sp. **Computer Vision/Multimedia/Image Processing/Haptics.**

2005 **CHAUDHURY, Santanu** (b. 1961) Ph.D., F.N.A.E., Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, New Delhi - 110016; Res. 20, Taxila, IIT Campus, New Delhi - 110016; Tel: (011) 26591081, 26596167(O), 26512402(R); Fax: 26581606; Email: santanuc@ee.iitd.ernet.in; schaudhury@gmail.com; Sp. **Information Technology.**

2004 **CHAUHAN, Shyam Vir Singh** (b. 1943) PhD, DSc, FSPRB, Formerly Professor & Dean, BRA University; Director, Academy of Life Sciences; Res. 8/13I Kaushalpur Bye Pass Road Agra - 282005; Tel: 07493777727(M); Email: svcs350@rediffmail.com; svsc071241@gmail.com; Sp. **Reproductive Biology/Male sterility.**

1996 **CHAUHAN, Virander Singh** (b. 1950) Ph.D., D.Phil.(Oxford), F.N.A., F.A.Sc., Visiting Scientist, ICGEB, NII Campus, Aruna Asaf Ali Marg, New Delhi - 110067; Res. B-23, Geetanjali Enclave, New Delhi - 110017; Tel: (011) 26742317, 26741358/61, 26742357/60(O), 26693040(R); Email: virander@icgeb.res.in; viranderschauhan@gmail.com; Sp. **Biophysics/Malaria/Tuberculosis/Peptides.**

2013 **CHAWLA-SARKAR, Mamta** (b. 1970) Ph.D., Deputy Director (Scientist E), National Institute of Cholera and Enteric Diseases, P-33, CIT Scheme XM, Beliaghata, Kolkata - 700010; Res. T-19, Panchasayar, Kolkata - 700094; Tel: (033) 23537470(O), 64611309(R), 09830660999(M); Fax: 23632398, 23705066; Email: chawlam70@gmail.com; chawlasarkar.m@icmr.gov.in; Sp. **Molecular Virology/Cell Biology/Immunology.**

2013 **CHEBIYYAM, Siva Ram Murthy** (b. 1960) PhD, FIEEE, FNA, FNAE, FTWAS, Richard Karp Institute Chair Professor, Department of Computer Science & Engineering, Indian Institute of Technology Madras, Chennai - 600036; Res. #263/33, Block 2, 3E, Ceebros Orchid, Velachery Main Road, Chennai - 600042; Tel: (044) 22574361(O), 42334427(R), 09444498619(M); Fax: 22574352; Email: murthy@iitm.ac.in; Sp. **Computer Science & Engineering.**

2009 **CHENGALUR, Jayaram Narayanan** (b. 1965) Ph.D., F.A.Sc., Sr. Professor & Dean (Faculty), National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune University Campus, Ganesh Khind, Pune - 411007; Res. E-3, NCRA Housing Colony, Pune University Campus, Ganesh Khind, Pune - 411007; Tel: (020) 25719248, 25719000(O), 25719348(R); Fax: 25697257; Email: chengalur@ncra.tifr.res.in; Sp. **Radio Astrophysics.**

2010 **CHHABRA, Rajendra Prasad** (b. 1953) Ph.D., F.N.A.E., F.A.Sc., F.N.A., Professor, Dept. of Chemical Engineering, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. H.No. 427, I.I.T. Kanpur, Kanpur - 208016; Tel: (0512) 2597393(O), 2598916(R); Fax: 2590104; Email: chhabra@iitk.ac.in; Sp. **Transport Phenomena/Non-Newtonian Fluid Mechanics.**

1993 **CHIDAMBARAM, Rajagopala** (b. 1936) PhD, DSc, DSc(hc), FNA, FASc, FNAE, FTWAS, DAE Homi Bhabha Professor, Bhabha Atomic Research Centre, Central Complex, Trombay, Mumbai - 400085; Res. 405/406 Apollo, Raheja Acropolis-I, Deonar, Mumbai - 400088; Tel: (022) 25505305, (011) 23022112(O) (022) 25561315(R); Fax: (022) 25505132, (011) 23022113; Email: rc@barc.gov.in; rajachid@nic.in; Sp. **Materials Science/Neutron Crystallography/High Pressure Physics/Nuclear Technology/Sustainable Development.**

1992 **CHITRE, Shashikumar Madhusudan** (b. 1936) Ph.D.(Camb.), F.N.A., F.A.Sc., INSA Honorary Scientist & Professor Emeritus, Centre for Excellence in Basic Sciences, University of Mumbai, Kalina Campus, Santa Cruz (E), Mumbai - 400098; Res. 201, Vigyanashila Co-operative Housing Society, Juhu-Versova New Link Road, Andheri (W), Mumbai - 400061; Tel: (022) 26524984(O), 26353812(R), 09819366447(M); Fax: 26524975; Email: kumarchitre@gmail.com; Sp. **Solar Physics/Gravitational Lensing/Physics and Astrophysics of Collapsed Objects.**

2011 **CHOCKALINGAM, Ananthanarayanan** (b. 1962) PhD, FNAE, FIETE, FNA, FASc, Professor, Dept. of Electrical Communication Engineering, Indian Institute of Science, Bangalore - 560012; Res. 29, AECS 2nd Stage Layout, 2nd Main, Nagasettiahalli, Bangalore - 560094; Tel: (080) 22933156(O), 23516637(R), 08971474971(M); Fax: 23600563; Email: achockal@ece.iisc.ernet.in; Sp. **Wireless Communication and Networking.**

2001 **CHOKSHI, Atul Harish** (b. 1958) PhD, FNA, FASc, FNAE, Professor, Materials Engineering Dept., Indian Institute of Science, Bangalore - 560012; Res. Grove 3, Goodearth Orchard, Kengeri, Bangalore - 560060; Tel: (080) 22932684(O); Fax: 23600472, 23600683; Email: achokshi@iisc.ac.in; Sp. **Materials Science and Engineering.**

1988 **CHOPRA, Kasturi Lal** (b. 1933) Ph.D., F.A.Sc., F.N.A., F.N.A.E., F.A.P.M.R.S., Advisor, Thin Film Laboratory, IIT, New Delhi; Formerly Director, IIT Kharagpur; Res. M-70, Kirti Nagar, New Delhi - 110015; Tel: (011) 25154114(R), 09213433266(M); Email: choprakl@yahoo.com; choprakl@gmail.com; Sp. **Solid State Physics & Technology of Thin Film & Nanomaterials/Surface Science/Solar Energy.**

1988 **CHOPRA, Virender Lal** (b. 1936) Ph.D.(Edinb.), D.Sc. (h.c.), F.N.A., F.A.Sc., F.N.A.A.S., FTWAS, Chancellor, Kerala Central Uni. Ex.Member, Planning Commission, Res. A-3/210A, Janak Puri, Delhi - 110058; Tel: (011) 23096586(O), 25553747(R), 09810343925, 08894273848(M); Fax: 23096586; Email: virenderchopra@yahoo.com; Sp. **Genetics/Crop Improvement/Biotechnology.**

1995 **CHOUDHARY, Vasant Ramchandra** (b. 1944) PhD,FNA,FASc, Former NASI Senior Scientist, Chemical Engineering Division, National Chemical Laboratory, Pune - 411008; Res. Vasantasha, 1-Green Park, Off D.P. Road, Behind Hotel Seasons, Aundh, Pune - 411007; Tel: (020) 65265508(R), 09225106141(M); Email: vrc0001@yahoo.co.in; Sp. **Zeolites/Catalysis and Reaction Engineering.**

2008 **CHOUDHURI, Arnab Rai** (b. 1956) PhD(Chicago),FASc,FNA,FTWAS, JC Bose Fellow (DST) & Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. E-4, New Housing Colony, IISc Campus, Bangalore - 560012; Tel: (080) 23603481(O), 23603664(R); Fax: 23602602; Email: arnab@physics.iisc.ernet.in; Sp. **Theoretical Astrophysics/Solar Physics/Magnetohydrodynamics.**

1989 **CHOUDHURY, Amalesh Chandra** (b. 1931) Ph.D., Formerly Professor of Marine Marine Science, CU; Secretary, Susamadevi Chowdhurari Marine Biological Research Instt., Sagar Island - 743373, WB Res. D44 Amarabati, Sodipur, Kolkata - 700110; Tel: (033) 25650305(R), 09433974593(M); Email: amalesh\_choudhury@yahoo.com; Sp. **Protozoology/Parasitology/Marine & Estuarine Biology/Mangrove & Coral Reef Ecology.**

2011 **CHOUDHURY, Debajyoti** (b. 1964) Ph.D.,F.A.Sc.,F.N.A., Professor, Department of Physics and Astrophysics, University of Delhi, Delhi - 110007; Tel: (011) 27667061(O), 27261536(R), 09213211830(M); Email: debajyoti.choudhury@gmail.com; Sp. **High Energy Physics/Cosmology.**

2017 **CHOUDHURY, Deepankar** (b. 1974) PhD,FIGS,FISSET, Institute Chair Professor, Dept. of Civil Engineering, IIT Bombay, Powai, Mumbai - 400076; Res. B-232, Aravali Building B 23, Hill Side, IIT Bombay, Powai, Mumbai - 400076; Tel: (022) 25767335(O), 4307(L), 25768335(R), 09969274031(M); Fax: 25767302; Email: dc@civil.iitb.ac.in; dchoudhury@iitb.ac.in; Sp. **Civil Geotechnical Earthquake Engineering/ComputationalGeomechanics/Foundation Engineering.**

2005 **CHOWDHURY, Harsh Ji** (b. 1949) Ph.D., Former Additional Director & Emeritus Scientist, Botanical Survey of India, Northern Regional Centre, 192-Kaulagarh Road, Dehra Dun - 248195; Res. 103-A, Engineer's Enclave-III, GMS Road, Dehradun - 248001; Tel: (0135) 2753433(O), 2522986(R); Fax: 2757951; Email: hjchowdherybsi@rediffmail.com; Sp. **Floristics/Taxonomy of Angiosperms (Orchids)/PlantConservation.**

2007 **CHOWDHURY, Abhijit** (b. 1959) M.D.,D.M., Head, School of Digestive & Liver Diseases, Institute of Post Graduate Medical Education & Research, 244, A.J.C. Bose Road, Kolkata - 700020; Res. CC-502, Ashabari Housing Complex, Baishnabghata Patuli Township, Kolkata - 700094; Tel: (033) 22235435(O), 24625359(R); Fax: 22235435; Email: achowdhury2002@yahoo.co.in; Sp. **Liver Disease/Molecular Epidemiology.**

2008 **CHOWDHURY, Debashish** (b. 1957) Ph.D.,F.N.A.,F.A.Sc., Professor, Department of Physics, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. House No. 407, IIT Campus, Kanpur - 208016; Tel: (0512) 2597039(O), 2598465(R); Fax: 2590914; Email: debch@iitk.ac.in; Sp. **Statistical Physics/Biological Physics/Complex Systems.**

2017 **CHOWDHURY, Rukhsana** (b. 1958) PhD, Chief Scientist, CSIR-Indian Institute of Chemical Biology, 4 Raja S.C. Mullick Road, Kolkata - 700032; Res. Ekta Oleander Flat 6C Block 2, 16 R.N. Chowdhury Road, Kolkata - 700015; Tel: (033) 24995842(O), 23290013(R), 09830175773(M); Fax: 24735197; Email: rukhsanachowdhury@hotmail.com; rukhsana@iicb.res.in; Sp. **Bacterial Pathogenesis/Host Pathogen Interactions/Microbiota and Probiotics.**

2012 **CHOWDHURY, Shantanu** (b. 1968) PhD,FASc, Scientist, Institute of Genomics and Integrative Biology, Mathura Road, New Delhi - 110025; Res. C305, Amrapali Sapphire, Sec 45, Noida - 201303; Tel: (011) 29879325(O), 09810953135(M); Fax: 27667471; Email: shantanuc@igib.res.in; Sp. **Structural and Functional Studies.**

2005 **CHUTIA, Joyanti** (b. 1948) Ph.D., Director, Institute of Advanced Study in Science and Technology, Paschim Boragaon, P.O.Gorchuk, Guwahati - 781035; Res. Hengerabari Housing Board Colony, Ganesh Giri, Guwahati - 781006; Tel: (0361) 2740659(O), 2263027(R); Fax: 2740659; Email: joyanti\_c@yahoo.com; Sp. **Plasma Physics/Solid State Physics.**

1990 **COWSIK, Ramanath** (b. 1940) PhD,FNA,FASc,FTWAS,FNAS(USA),Padma Shri,NAS(F-USA), James S. McDonnell Professor & Director, McDonnell Center for the Space Sci.,Physics Dept., Washington University in St. Louis, Campus Box 1105, One Brookings Drive, St. Louis, MO 63130, USA; Tel: (001 314) 9354493(O), 7275959(R); Fax: 9354134; Email: cowsik@physics.wustl.edu; Sp. **Astrophysics/Elementary Particles/Cosmology/Gravitation.**