

# *The Year Book* 2024

Volume I



INDIAN NATIONAL SCIENCE ACADEMY  
New Delhi

© INDIAN NATIONAL SCIENCE ACADEMY    ISSN 0073-6619

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Published by Dr VM Tiwari, Vice-President (Publications/Informatics) on behalf of Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002 and printed at Kamala Print-n-Publish, O-96 New Mahavir Nagar, New Delhi 110 018; Mob. 9818476511

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## INTRODUCTION

The Indian National Science Academy was established in January 1935 with the object of promoting science in India and harnessing scientific knowledge for the cause of humanity and national welfare. The foundation of the Academy, earlier known as the National Institute of Sciences of India (NISI), was the outcome of joint endeavours of several organizations and individuals and the Indian Science Congress Association (ISCA) playing a leading role in this regard.

Towards the end of 1930, the then Government of India wrote to various State (then provincial) Governments, Scientific Departments, Learned Societies, Universities and the ISCA seeking their opinion on the desirability of forming a National Research Council which would adhere to and cooperate with the International Research Council and its affiliated Unions. This period witnessed the visit of Sir Richard Gregor, the Editor of Nature for discussions with the Editor of Current Science for the promotion of an Indian Academy of Sciences. The proposal was considered by various eminent scientists whose views regarding the composition and functioning of such a national council were put up in the form of resolution to the ISCA during its Pune Session. A special meeting of ISCA was held in Mumbai in January 1934 to consider the scheme. In response to the plea made by the President of the ISCA, Professor MN Saha in support of an Indian Academy of Sciences on the model of the Royal Society, London, the General Committee of the ISCA unanimously accepted the proposal for the formation of a national scientific society. The Committee formed an 'Academy Committee', which was requested to submit a detailed report for consideration at the next session of the ISCA. The committee submitted the report in January 1935 incorporating (i) the aims and objects of the national scientific society to be formed; (ii) draft constitution; (iii) names of 125 Foundation Fellows selected by a Special Committee of Specialists; and (iv) names of 25 scientists as members of the provisional Council of Academy. The report of the Academy Committee was placed by Dr LL Fermor (President, 22nd Session, ISCA) before a Special Meeting of the Joint Committee on January 3, 1935. The recommendations of the Academy Committee were accepted by unanimous resolution by the ISCA and the foundation of the National Institute of Sciences of India as an all India body of scientists was thus laid. An inaugural meeting of the National Institute of Sciences of India (NISI) was held on January 7, 1935 under the Chairmanship of Dr JH Hutton (President, 23rd Session, ISCA) in Calcutta, and the Inaugural Address was delivered by the first President of NISI, Dr LL Fermor. The Institute, thus, started functioning with its Headquarters at the Asiatic Society of Bengal, 1 Park Street, Calcutta, from that day.

The issue of the Government recognizing the NISI as the representative body of the scientists was taken up after ten years of its foundation. After due deliberations and discussions, it decided to recognise the National Institute as the premier scientific society representing all branches of science in India in October 1945. The Headquarters moved over to Delhi in May 1946, and the Government commenced providing increased grants to meet expenses on travel, publications, research fellowships, and for allocating grants-in-aid to other scientific societies for bringing out their publications. A capital grant for the Headquarters building was also sanctioned in 1948 by the Government. The foundation stone of the building was laid by Pt Jawaharlal Nehru, the then Prime Minister of India, on April 19, 1948. The Office of the NISI moved to its present premises on Bahadur Shah Zafar Marg, New Delhi in 1951. It was designated as the adhering organization in India to the International Council for Science (ICSU) on behalf of the Government of India in January 1968.

The name of the National Institute of Sciences of India was changed to the Indian National Science Academy (INSA) in February 1970.

**OBJECTIVES**

- (a) Promotion of scientific knowledge in India including its practical application to problems of national welfare.
- (b) Coordination among Scientific Academies, Societies, Institutions, Government Scientific Departments and Services.
- (c) To act as a body of scientists of eminence for the promotion and safeguarding of the interests of scientists in India and to present internationally the scientific work done in the country.
- (d) To act through properly constituted National Committees, in which other learned academies and societies may be associated, for undertaking scientific work of national and international importance which the Academy may be called upon to perform by the public and by the Government.
- (e) To publish such proceedings, journals, memoirs and other publications as may be found desirable.
- (f) To promote and maintain liaison between Science and Humanities.
- (g) To secure and manage funds and endowments for the promotion of Science.
- (h) To perform all other acts that may assist in, or be necessary for the fulfillment of the above-mentioned objectives of the Academy.

## CALENDAR OF MEETINGS – 2024

Date	Event	Venue
<b>FEBRUARY</b>		
06 (Tue)	Meetings of Sectional Committees for Election of Fellows	INSA, New Delhi
28 (Wed)	National Science Day	INSA, New Delhi
<b>MARCH</b>		
20 (Wed)	Advisory Committee for Science & Society/ Infrastructure and Informatics Committee/ Publication Advisory Board	INSA, New Delhi
21-22 (Thu-Fri)	Meeting of the Indian National Commission for History of Science	INSA, New Delhi
<b>APRIL</b>		
24-25 (Wed-Thu)	Meetings of Sectional Committees for Election of Fellows/ Selection of INSA Associate Fellows and INSA Distinguished Lecture Fellows/ Science Promotion Committee	INSA, New Delhi
<b>MAY</b>		
08-09 (Tue-Wed)	Council/ General Body Meeting	INSA, New Delhi
<b>AUGUST</b>		
24 (Thu)	Meetings of ISC National Committees/ Inter- Academy Exchange Committee/ Resource Generation and Management Committee	INSA, New Delhi
<b>SEPTEMBER</b>		
04-05 (Wed-Thu)	History of Science Seminar/ Meeting of the Indian National Commission for History of Science/ Science Promotion Committee	INSA, New Delhi
20 (Fri)	Council/Annual General Body Meeting	INSA, New Delhi
<b>DECEMBER</b>		
To be decided	Seminar/ Lectures, Meeting of Council/ 90th Anniversary General Meeting/ Fellowship Induction Ceremony/ INSA Distinguished Lecture Fellows Presentation / INSA Associate Fellows Presentation	Venue to be decided

**Other Important Dates**

*Last date for nominations to:*

June 15	INSA Senior Scientist Position for 2024
July 15	INSA Fellowship/Foreign Fellowship
July 15	Inter-Academy Exchange Programme



## COUNCIL

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<i>National Academy of Medical Sciences (New Delhi)</i> Dr Deepak K Tempe ( <i>New Delhi</i> )		97-185-99401 (M)

## **PAST PRESIDENTS**

Sir Lewis Leigh Fermor	1935-36
Professor Meghnad Saha	1937-38
Lt Col Ram Nath Chopra	1939-40
Dr Bainsi Prasad	1941-42
Dr Jnan Chandra Ghosh	1943-44
Dr Darashaw Noshervanji Wadia	1945-46
Dr Shanti Swarup Bhatnagar	1947-48
Professor Satyendra Nath Bose	1949-50
Dr Sunder Lal Hora	1951-52
Professor Kariamanikkam Srinivasa Krishnan	1953-54
Dr Amulya Chandra Ukil	1955-56
Professor Prasantha Chandra Mahalanobis	1957-58
Professor Sisir Kumar Mitra	1959-60
Dr Ajudhia Nath Khosla	1961-62
Dr Homi Jehangir Bhabha	1963-64
Professor Vasant Ramji Khanolkar	1965-66
Professor Tiruvenkata Rajendra Seshadri	1967-68
Dr Atma Ram	1969-70
Professor Bagepalli Ramachandrachar Seshachar	1971-72
Professor Daulat Singh Kothari	1973-74
Dr Benjamin Peary Pal	1975-76
Dr Raja Ramanna	1977-78
Dr Vulimiri Ramalingaswami	1979-80
Professor Mambillikalathil Govind Kumar Menon	1981-82
Professor Arun Kumar Sharma	1983-84
Professor Chintamani Nagesa Ramachandra Rao	1985-86
Professor Autar Singh Paintal	1987-88
Professor Man Mohan Sharma	1989-90
Professor Prakash Narain Tandon	1991-92
Professor Shri Krishna Joshi	1993-95
Dr Srinivasan Varadarajan	1996-98
Professor Goverdhan Mehta	1999-2001
Professor Marthanda Varma Sankaran Valiathan	2002-04
Dr Raghunath Anant Mashelkar	2005-07
Professor Mamannamana Vijayan	2008-10
Professor Krishan Lal	2011-13
Professor Raghavendra Gadagkar	2014-16
Professor Ajay Kumar Sood	2017-19
Professor Chandrima Shaha	2020-22

## RECENT PAST VICE-PRESIDENTS

Professor Samir Bhattacharya	2003
Dr Inder Pal Abrol	2002-04
Professor Surendra Prasad	2002-04
Professor Raghavendra Gadagkar	2003-05
Professor Rajinder Jeet Hans-Gill	2004-05
Professor Sudhir Kumar Sopory	2004-06
Dr Swaminathan Sivaram	2004-06
Professor Subhash Chandra Lakhotia	2006
Professor Mamannamana Vijayan	2005-07
Professor Anupam Varma	2005-07
Professor Narayanaswamy Balakrishnan	2006-08
Professor Alok Krishna Gupta	2007-09
Professor Predhiman Krishan Kaw	2007-09
Professor Tej Pal Singh	2007-09
Professor Narinder Kumar Gupta	2008-10
Professor Ajay Kumar Sood	2008-10
Dr Mahtab S Bamji	2009-11
Professor Akhilesh K Tyagi	2009-11
Professor Ramamurti Rajaraman	2010-12
Professor Narayanasami Sathyamurthy	2010-12
Professor Alok Bhattacharya	2011-13
Professor ML Munjal	2011-13
Professor SS Agarwal	2012-13
Professor SK Saidapur	2012-14
Professor JP Khurana	2014
Professor MK Chaudhuri	2013-15
Dr DM Salunke	2013-15
Professor JP Mittal	2014-16
Professor Rajendra Prasad	2014-16
Professor SC Lakhotia	2015-17
Professor LS Shashidhara	2015-17
Professor Kankan Bhattacharyya	2016-18
Dr Chandrima Shaha	2016-18
Professor NR Jagannathan	2017-19
Professor Anurag Sharma	2017-19
Professor Gadadhar Misra	2018-20
Professor AK Singhvi	2018-20
Professor V Chandrasekhar	2019-21
Professor JP Khurana	2019-21
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# THE FELLOWSHIP

## FELLOWS

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**1986: ABROL, Inder Pal** (b 1939), PhD, Sp: Soil Science, Sustainable Agriculture, Research Management; FNASc, Director, *Centre for Advancement of Sustainable Agriculture (CASA), National Agricultural Science Complex (NASc), DPS Marg, New Delhi 110012; A34/2, DLF City, Phase I, Gurugram 122001* [Tel (011) 2584-8188, 2584-6880 (O), (0124) 235-8755, 235-4267(R); Fax (011) 2584-6880; Email abrolip@gmail.com; Web <http://www.agricasa.org.in>]; INSA Honorary Scientist (2011-15); **Council:** Mem 1994-96; VP 2002-04; **SC: X.**



**2023: ACHANTA, Venu Gopal** (b 1972), PhD, Sp: Sub-wavelength materials for nanophotonics and information processing, Professor, *Department of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400005, India*; Director Bungalow, CSIR-NPL, Dr. K. S. Krishnan Marg, New Delhi 110012, India [Tel 011-45609201; 98-694-54067 (M); Email achanta@tifr.res.in]; **SC: II.**



**2010: ACHARYA, Subrat Kumar** (b 1951), MBBS, MD, DM, Sp: Gastro enterology, Hepatology; FASc, FNASc, Pro-Chancellor, *KIIT University, Bhubaneswar 751024* and Emeritus Professor in Gastroenterology, AIIMS, New Delhi 110029; B 1481, Sector-11, CDA Cuttack, Odisha 753015 [Tel (0671) 230-9879 (R), 98-107-53779, 98-718-41769 (M); Email subratacharya2004@yahoo.com, subratacharya@gmail.com]; **SC: IX.**



**2003: ADHYA, Samit** (b 1953), PhD (US), Sp: Molecular Biology; FASc, Emeritus Scientist, *CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Kolkata 700032; 74/A, Park Street, Kolkata 700017* [Tel (033) 2499-5736 (O), 2280-0123 (R); Email sadhya@iicb.res.in, nilugrandson@gmail.com]; **SC: VIII.**



**2008: ADHYA, Tapan Kumar** (b 1949), PhD, Sp: Environmental Microbiology; FNASc, FNAAS, Trustee, Sustainable India Trust, New Delhi, Co-Director (Science) UKRI-GCRF South Asia Nitrogen Hub & Professor, *School of Biotechnology, Kalinga Institute of Industrial Technology (Deemed University), Bhubaneswar 751024, Odisha* [Tel (0674) 272-5466 (O), 94-373-04299, 82-492-53228 (M); Fax 0674-272-5732; Email adhyas@yahoo.com]; **Medal:** Professor KS Bilgrami Memorial (2012); **Lecture:** INSA Distinguished Lecture Fellow (2023); **SC: X.**





**1998: ADIMURTHI, Adi** (b 1952), PhD, Sp: Partial Differential Equations; FASc, FNASc, FTWAS, formerly Professor (I), *TIFR CAM, PB 6503, Sharadanagar, Chikkabommasandra, Bengaluru 560065*; Flat No. 2, Sree Gurunivas Apartments, 23-24, First Main Road, Amarjyothi Layout, Sanjay Nagar, Bengaluru 560094 [Tel (080) 6695-3742 (O), 2953-1505 (R), 96-635-65354 (M); Fax 6695-3799; Email [adiadimurthi@gmail.com](mailto:adiadimurthi@gmail.com)]; **SC: I.**



**1985: AGARWAL, Girish Saran** (b 1946), PhD, DSc (hc), Sp: Quantum Optics, Nano Photonics, Plasmonics; FASc, FNASc, FTWAS, FRS, University Distinguished Professor at Texas A&M University, College Station, TAMU4242, TX 77843; formerly Noble Foundation Chair and Regents' Professor, *Oklahoma State University, Stillwater, OK 74078 (USA)*; Director and Distinguished Scientist, PRL, Ahmedabad [Tel 405-714-1566 (M); Email [girish.agarwal@tamu.edu](mailto:girish.agarwal@tamu.edu)]; Professorship: INSA-Albert Einstein Centenary Research Professor (2001-05); Lecture: JL Nehru Birth Centenary (2000); Council: Mem 1996-98, Ad Mem 2003, VP 2004; **SC: II.**



**1994: AGARWAL, Kailash Nath** (b 1937), DCH, MD (Sweden), MD, DSc (UKMU), Sp: Pediatrics-Nutrition, Growth & Development; FAMS, Scientist, President, Health Care & Research Association for Adolescents; formerly Professor Pediatrics, Univ College of Medical Sciences & GTBH, Delhi 110095; *D-115, Sector 36, Gautam Buddha Nagar, Noida 201301, UP* [Tel 93-501-00553 (M); Email [kna.ped2020@gmail.com](mailto:kna.ped2020@gmail.com)]; **Medal:** Professor KP Bhargava Memorial (2014); Life Time Achievement Award 2022 by the Indian Academy Pediatrics, **SC: IX.**



**2021: AGARWAL, Vivek** (b 1964), PhD, Sp: Power Electronics; FNAE, FASc, FIEEE, FIETE, Professor, *Department of Electrical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; B-320, Nilgiri Building, Central Area, Indian Institute of Technology Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7422 (O), 90-045-52983 (M); Fax 2572-3707; Email [agarwal@ee.iitb.ac.in](mailto:agarwal@ee.iitb.ac.in)]; **SC: V.**



**1980: AGARWALA, Umesh Chandra** (b 1930), PhD, Sp: Inorganic Chemistry; FNASc, formerly Professor & Head, Chemistry Department, IIT, Kanpur; *295 A, Block C-1, Indira Nagar, Kanpur 208026* [Tel (0512) 250-748 (R)]; **Council:** Mem 1984-86; **SC: III.**



**2023: AGGARWAL, Amita** (b 1960), MD, DM, Sp: Medicine: Autoimmune Rheumatic Diseases, Pediatric Rheumatology, FNASc, FASc, FAMS, Professor and Head, *Department of Clinical Immunology and Rheumatology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India*; House VA/5, SGPGI Campus, Lucknow, India [Tel 522-2494284 (O); (+91) 94-735-84267 (M); Email [aa.amita@gmail.com](mailto:aa.amita@gmail.com)]; **SC: IX**



**2017: AGGARWAL, Rakesh** (b 1961), MBBS, MD, DM, Sp: Medical Sciences, Gastroenterology, Liver Disease, Viral Hepatitis, Epidemiology, Health Economics; FAMS, FASc, FNASc, Director, *Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry 605006*; Director's Bungalow, JIPMER Campus, Puducherry 605006 [Tel (0413) 227-2901 (O), 229-6064 (R), 94-153-28131 (M); Fax 227-2067; Email [aggarwal.ra@gmail.com](mailto:aggarwal.ra@gmail.com)]; **SC: IX.**



**2023: AGRAWAL, Amit** (b 1974), PhD, Sp: Mechanical Engineering, Fluid Mechanics and Heat Transfer, FASc, FNAsc, FNAE, Professor, *Department of Mechanical Engineering, IIT Bombay, Powai, Mumbai 400076*; B248, Aravali Building, IIT Campus, Powai, Mumbai 400076; [Tel (022) 2576-7516 (O); Email amit.agrawal@iitb.ac.in]; **SC: V.**



**2019: AGRAWAL, Anurag** (b 1972), MBBS, Diplomate American Board (Internal Medicine, Pulmonary Disease, Critical Care), PhD, Sp: Medicine, Respiratory Disease Biology, Molecular Physiology; *Dean, Biosciences and Health Research, Trivedi School of Biosciences, Ashoka University, Sonapat 131029*; 12-B, Sriram Road, Civil Lines, Delhi 110054 [98-184-51946 (M); Email draagrawal@gmail.com]; **SC: IX.**



**1988: AGRAWAL, Bal Krishna** (b 1939), DPhil, DSc, Sp: Condensed Matter Physics, Nanostructures and Superconductivity; FNAsc, INSA Emeritus Scientist, formerly Head, *Department of Physics, Allahabad University, Allahabad 211002*; 15-D, Bank Road, Allahabad 211002 [Tel 63-871-13347 (M); Email balkagl@rediffmail.com, balkagr@yahoo.co.in]; INSA Honorary Scientist (2015-18); **SC: II.**



**2019: AGRAWAL, Madhoolika** (b 1958), PhD, Sp: Ecology and Environmental Science (Air Pollution, Global Environmental Change, Food Chain Contamination); FNAsc, FNAAS; JC Bose National Fellow; *Department of Botany, Institute of Science, Banaras Hindu University, Varanasi 221005*; B-97, Brij Enclave Colony, Sunderpur, Varanasi 221005 [Tel 94-156-28573 (M); Email madhoo.agrawal@gmail.com]; **Council:** Ad Mem 2021; **SC: VI.**



**2008: AGRAWAL, Manindra** (b 1966), PhD, Sp: Theory of Computation; FASc, FNAsc, FNAE, FTWAS, Foreign Assoc US NAS, Professor, *Department of Computer Science, Indian Institute of Technology, Kanpur 208016*; H.No. 622, IIT Campus, Kanpur 208016 [Tel (0512) 259-7338 (O), 259-8363 (R), 99-350-62605 (M); Email manindra@iitk.ac.in; Web <http://www.cse.iitk.ac.in/users/manindra/>]; **Council:** Mem 2016-18; **SC: I.**



**2010: AGREWALA, Javed Naim** (b 1961), PhD, Sp: Immunology, Tuberculosis, Vaccines, Gut Microbiome; FNA, FASc, FNAsc, Professor, *Department of Biomedical Engineering, Indian Institute of Technology Ropar, Rupnagar 140001, Punjab*; H.No. A3, Type 6, IIT Ropar Housing, Rupnagar 140001, Punjab [Tel (01881) 242-507 (O), 94-178-69408 (M); Email jagrewala@iitrpr.ac.in, jagrewala@gmail.com; Web <http://iitrpr.ac.in/>]; **SC: IX.**



**1984: AHLUWALIA, Jagdish Chander** (b 1935), PhD, Sp: Physical Chemistry, Thermodynamics & Biopolymers; FASc, formerly Professor, Department of Chemistry, Indian Institute of Technology Delhi, New Delhi; *186, SFS Apts, Hauz Khas, New Delhi 110016* [Tel (011) 2656-4519 (R), 92-137-36359 (M); Email jcahlualia@yahoo.in]; INSA Senior Scientist (1996-2001); **Council:** Sec 1991-93; **SC: III.**



**2008: AHMAD, Faizan** (b 1949), PhD, Sp: Biophysical Chemistry and Biochemistry; FNAsc, INSA Honorary Scientist, *Department of Biochemistry, School of Chemical and Life Sciences, Jamia Hamdard, Hamdard Nagar, New Delhi 110025*; 181/210 Ghaffar Manzil Extension, Lane No. 5, Jamia Nagar, New Delhi 110025 [98-104-13115 (M); Email faizan.ahmad.jmi@gmail.com; faizanahmad@jamiyahamdard.ac.in; Web [http://www.jmi.ac.in/cirbs/faculty-members/Prof\\_Faizan\\_Ahmad-1631/](http://www.jmi.ac.in/cirbs/faculty-members/Prof_Faizan_Ahmad-1631/)]; **SC: VIII.**





**2011: AHMAD, Talat** (*b* 1955), PhD, Sp: Igneous Petrology-Geochemistry & Himalayan Geology; FASc, FNASc, JC Bose National Fellow, Chairman, Governing Body, *Wadia Institute of Himalayan Geology, Dehradun 248001*, [Tel 9760684882, 6006274411 (M); Email tahmad001@yahoo.co.in, tahmad001@gmail.com]; **SC: IV.**



**2013: AJAYAGHOSH, Ayyappanpillai** (*b* 1962), PhD, Sp: Organic (Materials) Chemistry; FASc, FNASc, FTWAS, J.C. Bose National Fellow, *CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram 695019*; Devadaru, TC 55/191, Kuttikkadu Lane, Kaimanom, Pappanamcode, PO Thiruvananthapuram 695018 [Tel (0471) 249-6002 (O), 94-460-59059 (M); Fax 249-0186; Email ajayaghosh62@gmail.com, ajayaghosh@niist.res.in]; **Medal:** INSA Young Scientist (1991); **Council:** Mem 2024-; **SC: III.**



**2015: ALI, Nahid** (*b* 1956), PhD, Sp: Biochemistry/Immunology; FASc, FNASc, FTWAS, INSA Emeritus Scientist, JC Bose National Fellow, *CSIR-Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Kolkata 700032*; Professor, Academy of Scientific and Innovation Research (AcSIR); Ekta Oleander Block-2, Flat-7C, 16 Radha Nath Chowdhury Road, Kolkata 700015 [Tel (033) 2499-5757 (O), 98-300-34759 (M); Fax 2473-5197, 2472-3967; Email nali@iicb.res.in, nahidali28@yahoo.in]; **SC: IX.**



**2002: ALI, Sher** (*b* 1955), PhD, Sp: Molecular Genetics, Precision Medicine; FASc, FNASc, MIABS, JC Bose National Fellow, Distinguished Professor, VC Office, Era University, Lucknow 226003; Formerly, Distinguished Professor and Head, Department of Biosciences, Dean Academics and Dean R&D, Integral University, Lucknow 226026 ; Distinguished Professor, *School of Basic Science and Research (SBSR), Department of Life Sciences, Sharda University, KP-III, Greater Noida 201310*; Former Director, Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi; Former Head, Molecular Genetics Division, NII, New Delhi; Adjunct Professor, Manipal Academy of Higher Education (MAHE), Mangalore; Co-Chair, Thematic Group 16, STIP-2020, Government of India [Tel 0556600777 Ext 556 (O); (0120) 4152525 (R) 98-180-04632 (M); Email profsali55@gmail.com; Sherali@erauniversity.in]; **Council:** Mem 2013-15 **Council:** Mem 2013-15; **SC: IX.**



**2016: ANAND, Anuranjan** (*b* 1965), PhD, Sp: Human Genetics and Genomics; FASc, FNASc, *Molecular Biology and Genetics Unit, Jawaharlal Nebru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; OAK, B-803, Godrej Woodsman Estate, Hebbal, Bellary Road, Bengaluru 560024 [Tel (080) 2208-2804 (O), 4099-5014 (R), 98-458-04923 (M); Fax 2208-2766; Email anand@jncasr.ac.in]; **SC: IX.**



**2002: ANAND, Ashima** (*b* 1950), PhD, Sp: Cardiorespiratory & Neuro-physiology; FTWAS, FAMS, Council Member IUPS, *Vallabhbhai Patel Chest Institute, Delhi University, PO Box 2101, Delhi 110007* [Tel (011) 2740-2426 (O), 98-103-59779 (M); Email ashima\_anand@hotmail.com]; **Medal:** INSA Young Scientist (1982); **Lecture:** JL Nehru Birth Centenary (2004); **Council:** Mem 2005-07; **SC: IX.**

**1970: ANAND, Nitya** (*b* 1925), PhD (Mumbai, Cantab), Sp: Medicinal Chemistry; FASc, FNASc, formerly Director, CDRI, Lucknow; *Lumbini, B-62, Nirala Nagar, Lucknow 226020* [Tel (0522) 404-3229 (R), 96-700-66999 (M); Email nityaanand1925@gmail.com]; **Medal:** Vishwakarma (1982); INSA Senior Scientist (1985-87); **Council:** Mem 1974-76; **SC: III.**



**2024: ANAND, Ruchi** (*b* 1975), PhD, Sp: Structural Biology, Biochemistry and Biophysics, Professor, *Deptt., of Chemistry, Indian Institute of Technology, Room No. 434/429, Structural Biochemistry Lab, IIT Bombay, B-147, Ananta Building, IIT, Bombay* [Tel (022) 22-2576-7165 (O), 99-301-24541 (M); Email ruchi@chem.iitb.ac.in, ruchianand1975@gmail.com]; **SC: VIII.**



**2007: ANANTHAKRISHNA, Garani** (*b* 1942) PhD, Sp: Theoretical Materials Science and Condensed Matter Physics; FASc, INSA Emeritus Scientist, Emeritus Professor, *Materials Research Centre, Indian Institute of Science, Bengaluru 560012; B-6-601, Elita Promenade, J.P. Nagar, 7th Phase, Bengaluru 560078* [Tel (080) 2293-2780 (O), 4953-5791 (R), 99-002-68902 (M); Fax 2360-7316; Email garani@iisc.ac.in, anantha.garani@gmail.com]; INSA Senior Scientist (2010-15), INSA Honorary Scientist (2015-18); **SC: II.**



**2004: ANANTHAKRISHNAN, Subramaniam** (*b* 1944), M Tech, PhD, Sp: Radio Astronomy; FASc, FNASc, INSA Honorary Scientist and Adjunct Professor, *Electronics Science Department, Pune University Campus, Ganeshkhind, Pune 411007*; formerly Senior Professor, NCRA-TIFR & Observatory Director, GMRT & formerly Raja Ramanna Fellow; Flat No. 15, Khagol Vaigyanik Housing Co-operative Society, S.No. 38/1, Panchavati, Pashan, Pune 411008 [Tel (020) 2569-9841 Ext 28 (O), 73-508-29530 (R), 94-210-81098 (M); Fax 2569-9841; Email subra.anan@gmail.com, ananth@electronics.unipune.ac.in]; **Medal:** INSA-Vainu Bappu Memorial (2010) Professor SK Joshi Memorial (2021); INSA Senior Scientist (2013-16); **Council:** Mem 2008-10; **SC: II.**



**2009: ANTIA, Hormazad Maneck** (*b* 1955), PhD, Sp: Physics and Numerical Techniques; FASc, *UM-DAE Centre of Excellence for Basic Sciences, University of Mumbai, Kalina, Mumbai 400098; T3-2902 Runwal Forest, LBS Road, Bhandup, Mumbai 400078* [Tel 9969506543; Email antia@tifr.res.in; Web <http://www.tifr.res.in/~antia>]; **SC: II.**



**1999: APTE, Shree Kumar** (*b* 1952) PhD, Sp: Molecular Biology, Biochemistry, Microbial and Plant Biotechnology; FASc, FNASc, FNAAS, Distinguished Professor, *UM-DAE-Centre for Excellence in Basic Science, and JC Bose National Fellow, Room PF-BG-28, UM-DAE-CEBS, Vidyanageri, Kalina, Mumbai 400098; 404, Runwal Hills, Deonar Farm Road, Deonar, Mumbai 400088* [Tel (022) 2653-0229 (O), 2558-0177 (R), 98-694-80205 (M); Fax 2653-2134; Email aptesk@cbs.ac.in, shree.apte@gmail.com]; **Medal:** Professor KS Bilgrami Memorial (2007); **Lecture:** Professor Vishwa Nath Memorial (2018); **Council:** Mem 2007-09; **SC: VII.**



**2013: ARANKALLE, Vidya Avinash** (*b* 1952), PhD, Sp: Virology, Biotechnology, Vaccinology; FASc, FNASc, Ex-Director-In-Charge & Scientist G, National Institute of Virology, Sus Road, Pashan, Pune 411021; Ex-Agharkar Chair, Agharkar Research Institute, Pune; Ex-Senior Scientist, IRSHA, Pune; *3C-A2-24, New Ajanta Avenue, Paud Road, Kothrud, Pune 411038* [Tel 93-710-16417 (M); Email varankalle@yahoo.com]; **SC: IX.**





**1987: ARUNACHALAM, Vaidheeswara** (b 1938), PhD (Cambridge), Sp: Quantitative Genetics, Plant Breeding, Biodiversity; FASc, FNASc, FNAAS, Flat No. 1, Rams Bridgeview Apartments, 3, Central Avenue, Kodambakkam, Chennai 600024 [Tel (044) 2472-4198 (R), 89-391-39327 (M); Email vaiarunachalam@hotmail.com]; **SC: X.**



**2023: ASHRAF, Mohammad Zahid** (b 1973), PhD, Sp: Genomics, Biomedical Sciences, Translational Biology, High Altitude Biology, FNASc, FASc, FNA, Dean, Faculty of Life Sciences, Jamia Millia Islamia, New Delhi 110025; 72 Mall Apartments, Mall Road, Delhi 110054 [Tel (011) 41729458 (R); (011) 26988335; ext. 3426 (O); 98-714-26706 (M); Email zashraf@jmi.ac.in]; **SC: IX.**



**2024: ATEEQ, Bushra** (b 1976), PhD, FNASc, FASc, Sp: Cancer Biology and Molecular Oncology, Health Sciences, Professor and Senior Fellow, DBT/Wellcome Trust India Alliance, Dept. of Biological Sciences & Bioengineering, Indian Institute of Technology, Kanpur 208016 (U.P.), India; Permanent Address: Al-Baraka, Gulzar Nagar Colony, Satipur Crossing, Pilibhit Bypass Road, Bareilly 243005; [Tel (512) 259-4083(O), 96-214-21208 (M); Email bushra@iitk.ac.in]; **SC: IX.**



**2022: ATHREYA, Siva Ramachandran** (b 1971), PhD, Sp: Mathematical Sciences; FASc, Professor, Indian Statistical Institute, Bangalore Centre, 8<sup>th</sup> Mile Mysore Road, Bengaluru 560059 [Tel (080) 2968-5465 (O); Email athreya@isibang.ac.in]; **SC: I.**



**2021: AWASTHI, Shally** (b 1958), MBBS, MD, PhD, Sp: Pediatrics; FASc, FAMS, FNASc, FIAP, FRCPC (Hony) Professor, Department of Pediatrics, King George's Medical University, Shahmina Road, Chowk, Lucknow 226003; C-29 Sector C, ChetanVihar, Aliganj, Lucknow 226024 [Tel (0522) 401-1510 (O), 98-392-21244 (M); Email shally07@gmail.com]; **SC: IX.**



**2021: AYAPPA, K Ganapathy** (b 1962), PhD, Sp: Chemical Engineering; FNAE, Professor, Department of Chemical Engineering, Indian Institute of Science, Bengaluru 560012; A1, Regency Manor, 34, Davis Road, Cooke Town Bengaluru 560084 [Tel (080) 2293-2769 (O), 98-444-94117 (M); Fax 2360-8121; Email ayappa@iisc.ac.in]; **SC: V.**



**2015: AYYUB, Pushan** (b 1957), PhD, Sp: Condensed Matter Physics (Nanostructured Materials); Senior Professor, Department of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, 1 Homi Bhabha Road, Mumbai 400005; 710 Bhaskara, TIFR Colony, 2 Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2295 (O), 2280-4691 (R), 98-697-61042 (M); Email pushan.ayyub@gmail.com; Web http://www.tifr.res.in/~pushan]; **SC: II.**



**2016: AZIZ, Tariq** (b 1953), PhD, Sp: Experimental High Energy Physics; Senior Professor (I), Tata Institute of Fundamental Research, Navy Nagar, Colaba, Mumbai 400005; 701 Meghnad, TIFR Housing Complex, Navy Nagar, Mumbai 400005 [Tel (022) 2278-2358 (O), 98-339-53030 (M); Email aziz@tifr.res.in]; **SC: II.**

**2012: BACHHAWAT, Anand Kumar** (b 1958), PhD, Sp: Microbial Genetics & Biochemistry /Glutathione & Sulphur Metabolism; One Carbon Metabolism; FASc, FNASc, Professor, *Indian Institute of Science Education & Research (IISER), Mohali, Knowledge City, SAS Nagar, PO Manauli, Punjab 140306; 1079/2, Sector 39-B, Chandigarh 160036* [Tel (0172) 229-3154 (O), 98-882-24948 (M); Fax 224-0266; Email anand@iisermohali.ac.in]; **Lecture:** BC Guha Memorial (2020); **SC: VIII.**



**1995: BAGCHI, Biman** (b 1954), PhD (Brown Univ), Sp: Physical Chemistry of Condensed Matter, Molecular Relaxation in Liquids, Dynamics of Complex Systems, Biophysics; FASc, FNASc, FTWAS, Honorary Professor, *JSSCU, and DST-SERB National Science Chair Professor, Indian Institute of Science, Bengaluru 560012; E-22, IISc Campus, Bengaluru 560012* [Tel (080) 2293-2926, 2293-2336, 2293-4538 (O); Fax 2360-1310; Email bbagchi@iisc.ac.in, bagchibiman@yahoo.com]; **Medals:** INSA Young Scientist (1986), AK Bose Memorial (1990); **Lecture:** Dr Jagdish Shankar Memorial (1997), JL Nehru Birth Centenary (2008); **SC: III.**



**1994: BAGYARAJ, Davis Joseph** (b 1940), PhD, Sp: Agricultural Microbiology, Mycorrhizal Symbiosis; FNASc, FNAAS, Chairman, Centre for Natural Biological Resources and Community Development (CNBRCD); *No 41, RBI Colony, Ananda Nagar, Bengaluru 560024* [Tel (080) 2333-5368 (R), 94-484-65368 (M); Email djbagyaraj@gmail.com]; **Lecture:** Professor TS Sadasivan (2009); INSA Honorary Scientist (2009-2011, 2016-19); **SC: X.**



**2022: BAKHSHI, Sameer** (b 1969), MD, Sp: Pediatric and Medical Oncology; FASc, FAMS, Professor, Room No. 243, Department of Medical Oncology, Second Floor, Dr BRA Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029; *E-37, Ansari Nagar West, AIIMS Campus West, New Delhi 110029* [Tel (011) 2658-8153 (O), 2610-0173 (R), 99-588-28763 (M); Fax 2658-8153; Email sambakh@hotmail.com]; **SC: IX.**



**2024: BAL, Chandrasekhar** (b 1960), MD, DSc, Sp: Nuclear Medicine, FASc, FNASc, FAMS, Professor and Head, *Deptt., of Nuclear Medicine, AIIMS, New Delhi 110029, C1/4, AIIMS Campus, East Ansarinagar, New Delhi 110029, (011) 2659-3210, 3530 (O), 90-137-75659 (M); Fax 011-2658-8641, Email csbal@hotmail.com, drcsbal@gmail.com, csbal@aiims.ac.in*; **SC: IX.**



**2018: BALAJI, Kithiganahalli Narayanaswamy** (b 1966), PhD, Sp: Immunology, Infectious Diseases, Cell Biology; FASc, FNASc, Professor, *Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru 560012; 877, BSK, Ist Stage, IInd Block, 6th Cross, Hanumanth Nagar, Bengaluru 560050* [Tel (080) 2293-3223 (O), 2661-5625 (R), 81-975-09682 (M); Email balaji@iisc.ac.in; Web <http://mcbl.iisc.ac.in/balaji/index.html>]; **SC: IX.**



**2016: BALAJI, Vikraman** (b 1962), PhD, Sp: Mathematics; FASc, JC Bose National Fellow, Professor, *Chennai Mathematical Institute, H1 SIPCOT IT Park, Siruseri, Kelambakkam 603103; 2/3 Sri Krishna Kuteeram, 10 North Avenue, Srinagar Colony, Saidapet, Chennai 600015* [Tel (044) 2747-0226 (O), 98-843-92556 (M); Fax 2747-0225; Email balaji@cmi.ac.in, vikramanbalaji@gmail.com]; **SC: I.**





**1998: BALAKRISHNAN, Narayanaswami** (*b* 1950), BE (Hon), PhD, Sp: Information Security, Complex Networks, Computational Electromagnetics, Polarimetric and Doppler Radars; FASc, FNASc, FNAE, FTWAS, INSA Senior Scientist, *Supercomputer Education and Research Centre, Indian Institute of Science, Bengaluru 560012*; 428, 5th Cross, 1st Main, JRD Tata Nagar, Bengaluru 560092 [Tel (080) 2360-0325 (O), 2351-6160 (R); Fax 2293-3438; Email [balki.iisc@gmail.com](mailto:balki.iisc@gmail.com), [balki@iisc.ac.in](mailto:balki@iisc.ac.in); Web <http://www.serc.iisc.ac.in/faculty/prof-n-balakrishnan/>]; **Lecture:** JL Nehru Birth Centenary (2002); **Council:** VP 2006-08; **SC: V.**



**2018: BALARAM, Hemalatha** (*b* 1956), PhD, Sp: Biochemistry, Metabolism, Molecular Parasitology, Molecular Enzymology; FASc, Professor, *Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; D102, R.V. Apartments, 6th Main, Between 13th and 15th Cross, Malleswaram, Bengaluru 560003 [Tel (080) 2208-2812 (O), 2334-0962 (R), 99-721-77547 (M); Fax 2208-2766; Email [hb@jncasr.ac.in](mailto:hb@jncasr.ac.in)]; **SC: VIII.**



**1985: BALARAM, Padmanabhan** (*b* 1949), PhD, Sp: Chemical Biology and Molecular Biophysics; FASc, FTWAS, Former Director, *Indian Institute of Science, Bengaluru 560012*; [Tel: 99-450-43004 (M); Email [pb@iisc.ac.in](mailto:pb@iisc.ac.in), [pbalaram1949@gmail.com](mailto:pbalaram1949@gmail.com)]; **Medals:** INSA Young Scientist (1977), JC Bose (2004); **Lecture:** JL Nehru Birth Centenary (1995); **Visiting Fellowship:** JL Nehru Birth Centenary (1996); **SC: VIII.**



**1988: BALASUBRAMANIAN, Dorairajan** (*b* 1939), PhD, Sp: Biophysical Chemistry, Biomolecular Interactions, Ocular Biochemistry, Protein Structure; FASc, FNASc, FTWAS, FAAAS, FAAS, Fellow, German Academy of Sciences; Distinguished Scientist & Director of Research Emeritus, *LV Prasad Eye Institute, Road No.2, Banjara Hills, Hyderabad 500034*; Plot No. 40, Sai Enclave, Scientists Colony, Habsiguda, Hyderabad 500007 [Tel (040) 2354-3652, 6810-2501 (O), 98-850-19922 (M); Fax 2354-8271; Email [dbala@lvpei.org](mailto:dbala@lvpei.org), [dbala1939@gmail.com](mailto:dbala1939@gmail.com); Web [www.lvpei.org](http://www.lvpei.org)]; **Medal:** JC Bose (1998), Indira Gandhi Prize for Popularization of Science (2002); **Lecture:** DS Kothari Memorial (2017); **Council:** Ed Pub 1995-97; **SC: VIII.**



**1993: BALASUBRAMANIAN, Kalpattu Kuppasamy** (*b* 1939), PhD, Sp: Organic Chemistry; FASc, Executive Director, R & D, *Shasun Chemical Ltd., 60, Velachery Road, Chennai 600042*; formerly Professor, Department of Chemistry, IIT Chennai; New No. 47 (Old No. 24), Padmanabha Nagar, 5th St., Adyar, Chennai 600020 [Tel (044) 245-1106, 245-1361 (O), 446-1558, 446-1595 (R); Fax 245-2462; Email [kkbalu@hotmail.com](mailto:kkbalu@hotmail.com)]; **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (2000); INSA Senior Scientist (2015-19); **SC: III.**

**1988: BALASUBRAMANIAN, Ramachandran** (*b* 1951), PhD, Sp: Theory of Numbers; INSA Distinguished Professor, The Institute of Mathematical Sciences, Central Institute of Technology Campus, Taramani, Chennai 600113; *09, Golden Avenue, Velachary, Chennai 600042* [Tel (044) 2259-1626 (R), 98-400-17480 (M); Email [balu@imsc.res.in](mailto:balu@imsc.res.in)]; **Medal:** INSA Young Scientist (1980); **Council:** Mem 1994-96; **SC: I.**



**2010: BALYAN, Harindra Singh** (*b* 1951), PhD, Sp: Genetics, Plant Breeding & Crop Biotechnology; FNASc, FNAAS, Honorary Emeritus Professor, INSA Honorary Scientist, *Department of Genetics & Plant Breeding, Chaudhary Charan Singh University, Meerut 250004*; 1/239, Rakshapuram, Mawana Road, Meerut 250001 [Tel (0121) 796-3799 (Lab), 94-125-15497 (M); Email [hsbalyan@gmail.com](mailto:hsbalyan@gmail.com)]; INSA Senior Scientist (2015-19); **SC: X.**



**1955: BAMBAH, Ram Prakash** (*b* 1925), PhD, D.Sc.(h.c) & ScD (Cantab), Sp: Number Theory & Discrete Geometry; FASc, FNASc, FTWAS, Professor Emeritus, formerly VC, Panjab Univ, Chandigarh; *1275, Sector 19B, Chandigarh 160019* [Tel 94-172-24863 (M); Email [bambahrp@rediffmail.com](mailto:bambahrp@rediffmail.com)]; **Medal:** Srinivasa Ramanujan (1979), Aryabhata (1998); **Council:** Mem 1971-73, VP 1979-80; **SC: I.**



**2010: BAMEZAI, Rameshwar Nath Koul** (*b* 1951), PhD, Sp: Genetics, Human Genetics; FNASc, FAMS, Former Dean, School of Life Sciences and School of Computational and Integrative Sciences, JNU, New Delhi; formerly Vice Chancellor, SMVDU, Katra, Jammu; *K-G01, Mahindra Aura, Sector-110A, New Palam Vihar, Bajghera Road, Gurugram 122017* [Tel (0124) 495-3345 (R), 99-681-31434 (M); Email [bamezai@mail.jnu.ac.in](mailto:bamezai@mail.jnu.ac.in), [bamezai@hotmail.com](mailto:bamezai@hotmail.com)]; **SC: IX.**



**1990: BAMJI, Mahtab Sohrab** (*b* 1934), PhD, Sp: Biochemistry, Nutrition; FNASc, FNAAS, FAMS, INSA Emeritus Scientist, Dangoria Charitable Trust, Hyderabad 500020; formerly Scientist (Director-Grade), ICMR-NIN, Hyderabad; *211, Sri Datta Sai Apts, RTC Cross Road, Hyderabad 500020* [Tel (040) 2761-5148 (O&R), 92-468-86442, 95-058-38921 (M)]; Dangoria Charitable Trust Hospital, Village Narsapur, Medak Distt., AP [Tel (08458) 287-841, 286-241 (O); Email [msbamji@gmail.com](mailto:msbamji@gmail.com), [mahtabbamji@yahoo.com](mailto:mahtabbamji@yahoo.com)]; **Medal:** CV Raman (2005); **Lecture:** BC Guha Memorial (1987), JL Nehru Birth Centenary (1998); INSA Honorary Scientist (2008-15); **Council:** Mem 1993-95, VP 2009-11; **SC: IX.**



**2023: BANDYOPADHYAY, Arun** (*b* 1963), PhD, Sp: Cell Biology and Physiology, FNASc, *Director, Gujarat Biotechnology University, Gandhinagar, Near GIFT City, Gujarat 382355*; Former Director, CSIR-Indian Institute of Chemical Biology, Kolkata; Res: Flat No. 13A, Block D, Ideal Aquaview, Sector V, Salt Lake, Kolkata, West Bengal 700102 [Tel 94-335-16720 (M); Email [Director@gbu.edu.in](mailto:Director@gbu.edu.in); [arunb2523@gmail.com](mailto:arunb2523@gmail.com)]; **SC:VII.**



**2024: BANDYOPADHYAY, Bijnan** (*b* 1956), PhD, Sp: Control Systems, Sliding Mode Control, FNAE, FNASc, FASc, IEEE Life Fellow, Fellow AAIA. Visiting Professor, *Department of Electrical Engineering, IIT Jodhpur, Jodhpur 342030*, Res. 2624, Type C, IIT Jodhpur Campus; [Tel (0291) 280-1385 (O), 96-198-77889 (M); Email [bijnanbandyopadhyay@gmail.com](mailto:bijnanbandyopadhyay@gmail.com); **SC: V.**





**2016: BANDYOPADHYAY, Sanghamitra** (b 1968), PhD, Sp: Computer Science (Soft Computing, Pattern Recognition and Computational Biology); FNASc, FNAE, FIETE, FIEEE, Director, *Indian Statistical Institute, 203 BT Road, Kolkata 700108*; 6, Dingshai Para Road, Bally, Howrah 711201 [Tel (033) 2577-3084 (O), 2646-7081 (R), 94-323-51600 (M); Fax 2578-3357; Email sanghami@isical.ac.in; Web <http://www.isical.ac.in/~sanghami>]; **Medal:** INSA Young Scientist (2000); **Council:** Member 2023-; **SC: V.**



**2014: BANDYOPADHYAY, Uday** (b 1964), PhD, Sp: Biochemistry and Cell Biology; FASc, FNASc, FAScT, Director, *Bose Institute, Unified Academic Campus, Block EN - 80, Sector - V, Salt Lake, Kolkata 700091*; Professor, Department of Biological Sciences (Bose Institute), Nature Nest, Flat 2H, 140 Prince Golum Hussain Shah Road, Kolkata 700032 [Tel (033) 2569-3200 (O), (03212) 227-933 (R), 94-740-03048 (M); Fax 2355-3886; Email ubandyo\_1964@yahoo.com]; **SC: VIII.**



**2012: BANERJEE, Akhil Chandra** (b 1956), PhD, Sp: Viral Pathogenesis and Gene Therapy; FNASc, INSA Emeritus Professor, Emeritus Scientist, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi; Ex Director, Institute of Advanced Virology, Kerala, India; *B27-GF South End Floors, Sector 49, Sobna Road, Gurugram 122018* [Tel (011) 2670-3616 (O), 2670-3615 (R), 98-187-17833 (M); Fax 2674-2125; Email akhil@nii.ac.in, akhil\_banerjee@yahoo.com]; **Lecture:** Dr Y SubbaRow Memorial (2017); **SC: IX.**



**2000: BANERJEE, Dhiraj Mohan** (b 1942), PhD, Sp: Precambrian Sedimentology, Sedimentary Geochemistry; formerly Professor, Department of Geology, Chattrra Marg, University of Delhi, Delhi; *25, Uttaranchal Apartments, Plot 5, IP Extension, Patparganj, Delhi 110092* [Tel (011) 2272-3938 (R), 98-186-64238 (M); Email dhirajmohanbanerjee@gmail.com]; INSA Emeritus Scientist (2012-15, 2018-19); **Medal:** DN Wadia (2021); **Council:** Member 2021-23; **SC: IV.**



**1995: BANERJEE, Dipankar** (b 1952), 1995: BANERJEE, Dipankar (b 1952), B'Tech, PhD, Sp: Physical Metallurgy; FASc, FNASc, FNAE, INSA Senior Scientist, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2293-2558 (O), 81-977-74747 (M); Fax 2360-0467; Email dbanerjee@iisc.ac.in]; **Council:** Mem 2002-04; **SC: V.**



**1998: BANERJEE, Ranajit Kumar** (b 1944), PhD, Sp: Cell Biology, Molecular Enzymology; FASc, FNASc, formerly Scientist G & Head, Department of Physiology, IICB, Kolkata; *"Nature's Nest" Flat No. 1G, 140, PGH Shah Road, Kolkata 700032* [Tel (033) 2413-0396 (R); Email ranajitb@yahoo.com]; **SC: VIII.**



**2008: BANERJEE, Soumitro** (b 1960), PhD, Sp: Nonlinear Dynamics; FASc, FNAE, FTWAS, FIEEE, Professor, *Department of Physical Sciences, Indian Institute of Science Education & Research (IISER) Kolkata, Mohanpur 741246, West Bengal*; 27, LNT Road, PO Botanic Garden, Howrah 711103 [Tel (033) 2502-5380 (R), 94-325-98503 (M); Email soumitro@iiserkol.ac.in; Web <http://www.iiserkol.ac.in/web/en/people/faculty/dps/soumitro/>]; **SC: V.**



**2005: BANERJEE, Sunanda** (b 1952), PhD, Sp: Experimental High Energy Physics; FASc, *INSA Senior Scientist, School of Physical Science,, Indian Association for the Cultivation of Science, 2A & 2B, Raja SC Mullick Road, Kolkata 700032* [Tel 84-202-00288 (M), 2555-8173 (R); Email banerjee.sunanda@gmail.com]; **SC: II.**



**2023: BANGA, Surinder Singh** (b 1955), PhD, Sp: Plant Breeding and Genetics, FNAAS, FISOR, DAE Raja Ramanna Fellow and Professor (Honorary, Adjunct), *Department of Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana, Punjab, India*; 439-G, BhaiRandhir Singh Nagar, Ludhiana, Punjab 141012; 178, Kohat Enclave, Pitampura, Delhi 110034; [Tel 94-633-19390 (M); Email nppbg@pau.edu]; **SC: X.**



**2009: BANSAL, Manju** (b 1950), PhD, Sp: Molecular Biophysics, Structural and Computational Biology; FASc, FNASc, INSA Senior Scientist, JC Bose National Fellow, *Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560 012*; 103, 1st Main Road, AECS Layout, Sanjay Nagar, Bengaluru 560094 [Tel (080) 2293-2534 (O), 98-452-37560 (M); Fax 2360-0535, 2360-0683; Email mb@iisc.ac.in, manju1972blr@gmail.com; Web <http://www.nucleix.mbu.iisc.ac.in/index.htm>]; **Medal:** INSA Young Scientists (1979); **Council:** Mem 2019-21; **SC: VIII.**



**2005: BAPAT, Ravindra B** (b 1954), PhD, Sp: Combinatorial Matrix Theory, Generalised Inverses; FASc, Visiting Scientist, *Indian Statistical Institute, 7, SJS Sansanwal Marg, New Delhi 110016*; 147, Samachar Apartments, Mayur Vihar Phase II Extension, New Delhi 110091 [Tel (011) 4149-3934 (O); Fax 2696-1384; Email rbb@isid.ac.in]; **Lecture:** Professor VV Narlikar Memorial (2012); **SC: I.**



**2011: BAPAT, Vishwas Anant** (b 1947) PhD, Sp: Plant Biotechnology and Genetic Engineering; FNASc, CSIR Emeritus Scientist, NASI Honorary Scientist, *Department of Biotechnology, Shivaji University, Kolhapur 416004*; A-1, Professors' Quarters, Shivaji University Campus, Vidyannagar, Kolhapur 416004 [Tel (0231) 260-9365 (O), 269-7080 (R), 94-207-75733, 99-224-42699 (M); Fax 269-1533, 269-2333; Email vabapat@gmail.com]; INSA Senior Scientist (2012-17); **SC: VII.**



**2024: BARIK, Saroj Kanta** (b 1965), PhD, Sp: Plant Ecology, Biodiversity Conservation, Climate Change Biology; Professor, *Department of Botany, North-Eastern Hill University, Shillong 793022*, Qtr. No. P-12, North-Eastern Hill University Campus, Shillong 793022; [Tel (0364) 272-2216 (O), 94-361-00688, 76-170-01965 (M); Fax 0364-2551634, Email sarojkbarik@gmail.com]; **SC: VI.**



**1998: BARMA, Mustansir** (b 1950), PhD, Sp: Statistical Physics; FASc, FNASc, FTWAS, Professor Emeritus and former Director, *Tata Institute of Fundamental Research, TIFR Centre for Interdisciplinary Sciences, 36/P Gopanpally Village, Serilingampally, Hyderabad 500046* [Tel (040) 2020-3084 (O), 6776-8504 (R); Fax 2419-5041; Email barma@tifrh.res.in; Web [tifrh.res.in/tcis/faculty/barma/](http://tifrh.res.in/tcis/faculty/barma/)]; **Medal:** INSA Young Scientist (1980); **Lecture:** JL Nehru Birth Centenary (2014); **Council:** Mem 2011-13; **SC: II.**





**2011: BASAK, Amit** (b 1952), PhD (Cal), DPhil (Oxon), Sp: Organic Chemistry; FASc, FNASc, JC Bose National Fellow, formerly Dean (Faculty), *INSA Senior Scientist, Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur 741246*; [Tel (03222) 283-300 (O), 283-301 (R), 94-340-13294 (M); Email [absk@chem.iitkgp.ernet.in](mailto:absk@chem.iitkgp.ernet.in)]; **Medal:** Professor S Ranganathan Memorial (2021); **SC: III.**



**2022: BASAK, Soumen** (b 1974), PhD, Sp: Immunology, Cancer Biology, Systems Biology, Virology, Cell Signaling; FASc, FNASc, Staff Scientist VI and the Laboratory Head, *Systems Immunology Laboratory, National Institute of Immunology, New Delhi 110067*; 74 Vikramshila Apartment, Indian Institute of Technology, Delhi, New Delhi 110016 [Tel (011) 2671-7019 (O), 97-119-84483 (M); Email [sobasak@nii.ac.in](mailto:sobasak@nii.ac.in), [sobasak@gmail.com](mailto:sobasak@gmail.com)]; **SC: VII.**



**2006: BASAVAIAH, Deevi** (b 1950), PhD, Sp: Organic Chemistry: Baylis-Hillman Chemistry and Chiral Catalysis; FASc, Institution of Eminence (IoE) Research Chair Professor in Chemistry, *School of Chemistry, University of Hyderabad, Hyderabad 500046*; Villa # 34, Majeera Purple Town, Gopanpally, Hyderabad 500046 [Tel (040) 2313-4812 (O), 99-490-93977 (M); Email [basavaiahdchem@uohyd.ac.in](mailto:basavaiahdchem@uohyd.ac.in), [basavaiahdeevi@gmail.com](mailto:basavaiahdeevi@gmail.com); Web <http://chemistry.uohyd.ac.in/~db/index.html>]; **Medal:** Professor TR Seshadri 70th Birthday Commemoration (2009); **SC: III.**



**1992: BASKARAN, Ganapathy** (b 1948), PhD, Sp: Condensed Matter Physics, Statistical Mechanics and Theoretical Biology; FASc, FTWAS, Professor Emeritus, *The Institute of Mathematical Sciences, Chennai 600113*; Distinguished Professor, Indian Institute of Technology, Chennai 600036; Distinguished Visiting Research Chair, Perimeter Institute for Theoretical Physics, Waterloo, Ontario, Canada; 19, Kaveri Nagar, 6<sup>th</sup> Street, Kottivakkam Kuppam Road, Chennai 600041 [Tel (044) 2254-3303 (O), 2451-0504 (R); Fax 2254-1586; 001 (519) 569-7600; Email [baskaran@imsc.res.in](mailto:baskaran@imsc.res.in)]; **SC: II.**



**2020: BASKARAN, Sundarababu** (b 1961), PhD, Sp: Synthetic Organic Chemistry; FASc, *G. Aravamudan Chair Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036*; B-26-2C, Chera Block, Delhi Avenue, IIT Madras, Chennai 600036 [Tel (044) 2257-4218 (O), 2257-4200 (O), 2257-6218 (R), 98-401-30685 (M); Fax 2257-0545, 2257-4202; Email [sbhaskar@iitm.ac.in](mailto:sbhaskar@iitm.ac.in); Web <http://www.chem.iitm.ac.in/faculty/baskaran/>]; **SC: III.**



**2017: BASU, Anirban** (b 1968), PhD, Sp: Neurobiology, Neurovirology, Molecular Medicine and Drug Repurposing; FASc, FNASc, Fellow, American Academy of Microbiology, Scientist-VII, *National Brain Research Centre, Manesar 122052, Haryana*; 202 B, NBRC Campus Housing, National Brain Research Centre, Manesar 122052 [Tel (0124) 284-5225 (O), 98-186-22540 (M); Email [anirban.nbrc@gmail.com](mailto:anirban.nbrc@gmail.com)]; Council: Mem 2023-; **SC: IX.**



**2022: BASU, Bikramjit** (b 1973), PhD, Sp: Biomaterials, Biomedical Engineering and Engineering Ceramics; FNASc, FNAE, FASc, FAMS Professor, Materials Research Center, Indian Institute of Science, C V Raman Road, Bengaluru, Karnataka 560012; No. HE-213, 1<sup>st</sup> Floor, High Rise E Type Quarters, Indian Institute of Science, Bengaluru, Karnataka 560012 [Tel (080) 2293-3256 (O), (080) 2973-5032 (R); Fax 2360-7316; Email [bikram@iisc.ac.in](mailto:bikram@iisc.ac.in)]; **Medal:** INSA Young Scientist (2005); **SC: V.**

**2009: BASU, Joyoti** (b 1957), PhD, Sp: Molecular and Cellular Biology with Special Reference to Mycobacteria; FASc, FNASc, JC Bose National Fellow, *Department of Chemistry, Bose Institute, 93/1, Acharya Prafulla Chandra Road, Kolkata 700009*; 1A Madhab Chatterjee Street, Kolkata 700020 [Tel (033) 2303-1153, 2303-1144 (O), Fax 2350-6790]; **Medal:** INSA Young Scientist (1989); **SC: VIII.**



**1994: BASU, Sandip Kumar** (b 1944), PhD, Sp: Biochemistry, Molecular Biology & Genetics; FASc, FNASc, FTWAS, NASI-JC Bose Chair Professor; *FD 426, Sector 3, Bidhannagar, Kolkata 700106* [Tel 98-914-98821 (M); Email sandipkbasu@gmail.com]; **Lecture:** Professor MRN Prasad Memorial (1995); Dr Y Subba Row Memorial (2002); **Council:** Ad Mem 1996, 2004; **SC: VIII.**



**2021: BATRA, Janendra Kumar** (b 1957), PhD, Sp: Biochemistry, Molecular Biology; FASc, FNASc, *ICMR-National Institute of Pathology, New Delhi 110029* [Tel 98-714-99411 (M); Email jkbatra@gmail.com]; **SC: VIII.**



**2018: BERA, Jitendra Kumar** (b 1968), PhD, Sp: Inorganic Chemistry; FNASc, FASc, Professor, *Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur 208016*; House No. 4066, Indian Institute of Technology Kanpur, Kanpur 208016 [Tel (0512) 259-7336 (O), 259-8450 (R), 99-563-90490 (M); Fax 259-6806; Email jbera@iitk.ac.in]; **SC: III.**



**1993: BHADURI, Sumit** (b 1948), PhD, Sp: Inorganic & Organometallic Chemistry and Catalysis; FASc, *562, Adenwala Road, Rustom Mansion, Mumbai 400019* [Tel (022) 2415-0255 (R); Email sbhaduri26@hotmail.com]; **SC: III.**



**2010: BHALLA, Upinder Singh** (b 1963), PhD, Sp: Computation Neuro Science, Neuro Biology; FASc, Professor, *National Centre for Biological Sciences, TIFR, Bellary Road, Bengaluru 560065*; 41, Shobha Emerald, Jakkur, Bengaluru 560064 [Tel (080) 2366-6130 (O), 94-828-45028 (M); Fax 2363-6662; Email bhalla@ncbs.res.in; Web https://www.ncbs.res.in/bhalla]; **Council:** Mem 2016-18; **SC: VIII.**



**2002: BHANDARI, Narendra** (b 1941), PhD, Sp: Earth and Planetary Science; FASc, FNASc, FGSA, Science & Spirituality Research Institute, 804, Yash Aqua, Vijay Char Rasta, Navrangpura, Ahmedabad 380009; *2 Nilima Flats, Nilima Park Society, Navrangpura, Ahmedabad 380009* [Tel (079) 4897-7890 (O) 2791-2332 (R), 98-240-77890 (M); Email nnbhandari@yahoo.com; Web http://nbhandari.com]; INSA Honorary Scientist (2007-15); **SC: IV.**



**2020: BHANDARI, Nita** (b 1955), MBBS, PhD, Sp: Nutrition, Child Health, Vaccinology; FASc, Senior Scientist and Director, *Centre for Health Research and Development, Society for Applied Studies, 45, Kalu Sarai, New Delhi 110016*; B-10, Soami Nagar, New Delhi 110017 [Tel (011) 4604-3751-55 (O), 2601-3098 (R), 98-991-44123 (M); Fax 4604-3756; Email nita.bhandari@sas.org.in, nita.bhandari2@gmail.com]; **SC: IX.**





**2010: BHARDWAJ, Anil** (*b* 1967), PhD, Sp: Planetary and Space Science, Solar System Exploration; FASc, FNASc, JC Bose National Fellow, Academician, International Academy of Astronautics, Director, *Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; PRL Director's Banglow, Near Physical Research Laboratory, Navrangpura, Ahmedabad 380009 [Tel (079) 2631-4855/4854, 2631-4241 (O), 2630-1527 (R), 99-471-49290 (M); Fax 2630-0374; Email abhardwaj@prl.res.in, bhardwaj\_spl@yahoo.com; Web <https://www.prl.res.in/~abhardwaj>]; **Medal:** INSA-Vainu Bappu Memorial (2016), INSA Distinguished Lecture Fellow (2023); **SC: IV.**



**2009: BHARADWAJ, Parimal Kanti** (*b* 1951), PhD, Sp: Supramolecular Chemistry; FASc, Professor, *Department of Chemistry, Indian Institute of Technology, Kanpur 208016*; House No 409, IIT K Campus, Kanpur 208016 [Tel (0512) 259-7340, 259-7034 (O), 259-8324 (R); Fax 259-7436, 259-0007; Email pkb@iitk.ac.in]; **SC: III.**



**2019: BHARGAVA, Balram** (*b* 1961), MBBS, MD, DM, Sp: Medicine (Cardiology), Public Health and Medtech Innovation; FASc, FNASc, FAMS; Chief Cardiothoracic Centre AIIMS; Ex Director General, *Indian Council of Medical Research, Ansari Nagar, New Delhi 110029*; 431, Asiad Village, New Delhi 110049 [Tel (011) 4175-0574 (O), 98-111-32407 (M); Fax 2658-8663; Email balrambhargava@yahoo.com]; **SC: IX.**



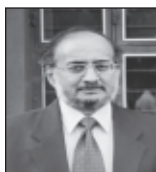
**2014: BHARGAVA, Om Narain** (*b* 1938), PhD, Sp: Stratigraphy and Structure with Special Reference to the Himalaya; INSA Senior Scientist, Honorary Professor, Geology Department, Panjab University, formerly Director, Geological Survey of India; *103, Sector 7, Panchkula 134109* [Tel (0172) 259-6510 (R), 98-766-96510 (M); Email onbhargava@gmail.com]; **SC: IV.**



**2016: BHAT, Badekkila Venkatramana Rajarama** (*b* 1966), PhD, Sp: Mathematics; FASc, Professor, *Stat-Math Unit, Indian Statistical Institute, RV College Post, Bengaluru 560059*; B-4, Indian Statistical Institute, RV College Post, Bengaluru 560059 [Tel (080) 2698-5470 (O), 2698-5504 (R), 98-442-21578 (M); Fax 2848-4265; Email bhat@isibang.ac.in, bvrajaramabhat@gmail.com]; **Medal:** INSA Young Scientist (1997); **Lecture:** Professor Vishnu Vasudeva Narlikar Memorial (2021); **SC: I.**



**2022: BHAT, Navakanta** (*b* 1968), PhD, Sp: Nanoelectronics and Sensors; FNAE, Professor, *Centre for Nano Science and Engineering, Indian Institute of Science, Bengaluru 560012*; E-35, IISc Campus, Bengaluru 560012 [Tel (080) 2293-3312, 2293-2478 (O), 2360-2680 (R), 94-484-72680 (M); Fax 2360-6475; Email navakant@iisc.ac.in]; **SC: V.**



**2003: BHAT, Subray Venkataraman** (*b* 1945), PhD, Sp: Physics of Materials; FASc, FNASc, President, Asia-Pacific EPR/ESR Society (2015-16), INSA Honorary Scientist *Department of Physics, Indian Institute of Science, Bengaluru 560012*; # 132, 8<sup>th</sup> Cross, 3<sup>rd</sup> Main, RMV Second Stage, Bengaluru 560094 [Tel (080) 2293-2727, 2360-0880, 2293-2315 (O), 2341-0312 (R), 98-455-57534 (M); Fax 2360-2602; Email svbhat@iisc.ac.in, svbhat1@gmail.com]; INSA Senior Scientist (2010-11, 2015-16); **SC: II.**

**2005: BHATIA, Rajendra** (b 1952), PhD, Sp: Mathematics: Matrix Analysis, Functional Analysis, Harmonic Analysis; FASc, FNASc, FTWAS, *Professor of Mathematics, Ashoka University, Sonapat 131029*; Professor Emeritus, Indian Statistical Institute, New Delhi; 5092 Parker Residency, Sector 61, Sonapat 131030 [Tel (0130) 230-0754 (O); Email rajendra.bhatia@ashoka.edu.in, rajenbhatia@gmail.com]; **Medal:** INSA Young Scientist (1982), PC Mahalanobis (2017); **Council:** Mem 2018-20; **SC: I.**



**2024: BHATIA, Sabhyata** (b 1964), PhD, Sp: Crop Biotechnology and Genomics, FNASc, Scientist VII, *National Institute of Plant Genome Research, PO Box 10531, Aruna Asaf Ali Marg, New Delhi 110067*; 11/20, West Patel Nagar, New Delhi 110 008; [Tel (011) 267-35159 (O), 98-991-01387 (M); Fax 011-26741658; Email sabhyatabhatia@nipgr.ac.in]; **SC: X.**



**1983: BHATIA, Shashi Bhushan** (b 1930), DIC & PhD (Lond), Sp: Palaeontology, Micropalaeontology & Biostratigraphy; formerly Professor of Geology & Emeritus Scientist (CSIR), Panjab University, Chandigarh; *441, Sector 6, Panchkula 134109, Haryana* [Tel (0172) 256-0504 (R); Email sudhashi0903@gmail.com]; **SC: IV.**



**1999: BHATNAGAR, Anil Kumar** (b 1942), PhD, Sp: Experimental Solid State & Materials Science, Superconductivity and Magnetism, Glasses, Films & Nano Materials; FNASc, *School of Physics, University of Hyderabad, Hyderabad 500046*; formerly Vice-Chancellor, Pondicherry University, formerly Dean, School of Physics & VC (officiating), University of Hyderabad. [Email anilb42@gmail.com, akbsp@outlook.com]; INSA Senior Scientist (2018-19); INSA Honorary Scientist (2023-Present); **SC: II.**



**2015: BHATNAGAR, Raj Kamal** (b 1955), PhD, Sp: Molecular Biology; Associate Scientist and Group Leader, Insect Resistance, *International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067*; Sector D, Pocket-1 Apartment 1064, Vasant Kunj, New Delhi [Tel (011) 2674-1358 Ext 161 (O), 2689-2357 (R), 98-118-96420 (M); Fax 2674-2317; Email raj@icgeb.res.in, rajbhatnagar@hotmail.com]; **SC: VII.**



**2015: BHATNAGAR, Rakesh** (b 1951), PhD, Sp: Microbiology, Immunology; FASc, FNASc, National Science Chair, *School of Biotechnology, Jawaharlal Nehru University, New Delhi*; Flat No. 301, Yamuna Apartment, Vasant Kunj, New Delhi 110070 [Tel 99-711-52004 (M); Email rakeshbhatnagar@jnu.ac.in, prof.rakeshbhatnagar@gmail.com, Nationalsciencechair@jnu.ac.in]; **SC: IX.**



**2018: BHATNAGAR, Shalabh** (b 1968), PhD, Sp: Stochastic Approximation Algorithms, Optimization via Simulation, Stochastic Control; FASc, FNASc, FNAE, FIETE, JC Bose National Fellow, Professor, *Department of Computer Science & Automation, Indian Institute of Science, Bengaluru 560012*; DV 015, Vijnanapura Apartments, IISc Campus, RMV 2<sup>nd</sup> Stage, Bangalore 560094 [Tel (080) 2293-2987, 2293-2368 (O), 2351-8822 (R), 98-867-62402 (M); Fax 2360-2911; Email shalabh@iisc.ac.in; Web <http://www.csa.iisc.ac.in/~shalabh/>]; **SC: V.**



**2018: BHATNAGAR, Shinjini** (b 1960), MBBS, PhD, Sp: Health Sciences; FNASc, Professor of Eminence-Maternal & Child Health, *Translational Health Science and Technology Institute, NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway, Post Box#04, Faridabad 121001*; House No. 269, Sector 15A, Noida 201301 [Tel (0129) 287-6351 (O), (0120) 434-4552 (R), 98-990-14416 (M); Email shinjini.bhatnagar@thsti.res.in, shinjini.bhatnagar@gmail.com]; **SC: IX.**





**2008: BHATTACHARJEE, Somendra Mohan** (*b* 1957), PhD, Sp: Theoretical Condensed Matter Physics; FASc, Professor, *Ashoka University, Sonapat 131029* [Tel (0130) 230-0799 (O), 94-379-66448 (M); Email [somen@iopb.res.in](mailto:somen@iopb.res.in); Web <https://www.iopb.res.in/~somen>]; **SC: II.**



**2003: BHATTACHARYA, Abhijit** (*b* 1955), PhD, Sp: Petrology, Geochemistry, Tectonics; Adjunct Professor, Department of Earth Science and Remote Sensing, JIS University, Kolkata 700019; former Professor & Visiting Professor, *Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur 721302*; Alexander von Humboldt Fellow; 180B, Hijli Cooperative Society, Kharagpur 721306 [Tel 94-347-43228 (M); Email [abbhat55@gmail.com](mailto:abbhat55@gmail.com)]; **SC: IV.**



**2000: BHATTACHARYA, Alok** (*b* 1951), PhD, Sp: Molecular Parasitology, Genomics, Bioinformatics; Rare Diseases; FASc, Professor of Biology, *Ashoka University, Plot No. 2, Rajiv Gandhi Education City, P.O. Rai, Sonapat 131029*; formerly Professor, School of Life Sciences & School of Computational and Integrative Sciences, JNU, New Delhi; 1123, Sector B-1, Vasant Kunj, New Delhi 110070 [Tel 98-108-81439 (M); Email [alok.bhattacharya@ashoka.edu.in](mailto:alok.bhattacharya@ashoka.edu.in), [alok.bhattacharya@gmail.com](mailto:alok.bhattacharya@gmail.com)]; **Medal:** Aryabhata (2015); **Council:** Mem 2005-07, VP 2011-13; **SC: VIII.**



**1990: BHATTACHARYA, Samir** (*b* 1942), PhD, Sp: Comparative Endocrinology and Molecular Signaling; FASc, FNASc, Former Professor; Dept. of Zoology, Visva-Bharti (A Central University), Santiniketan 731235; formerly Director, IICB (A CSIR Institute), Kolkata; Presently Adjunct Professor, Burdwan University, W Bengal, Home address: Prantik Paschinpara, Prantik, Santiniketan 731235; [Tel 92-325-67066 (M); Email [bhattacharyasa@gmail.com](mailto:bhattacharyasa@gmail.com)]; **Medal:** Chandrakala Hora Memorial (2007); **Lecture:** Professor MRN Prasad Memorial (1998); **Council:** Mem 2001-02, VP 2003; **SC: VI.**



**2007: BHATTACHARYA, Santanu** (*b* 1958), PhD, Sp: Chemical Biology, Supramolecular Chemistry, Sensors and Nano Materials; FTWAS, FASc, *Director, Indian Institute of Science Education and Research (IISER), Tirupati, Karakambadi Road, Mangalam, Tirupati 517507*; Formerly Director, *Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700032*; Honorary Professor, *Indian Institute of Science, Bangalore 560012* [Tel (0877) 2500-202 (O); (0877) 2500-4688, 2473-210 (P.S.); Email [director@iisertirupati.ac.in](mailto:director@iisertirupati.ac.in), [sb@iisc.ac.in](mailto:sb@iisc.ac.in)]; **Lecture:** Dr Nitya Anand Endowment (2007); **Council:** Mem 2021-23; **SC: III.**



**2014: BHATTACHARYA, Sudha** (*b* 1952), PhD, Sp: Molecular Biology, Rare genetic diseases; FASc, FNASc, INSA Senior Scientist, Ashoka University, Sonapat, Haryana 131029; formerly JC Bose National Fellow and Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110067; 1123, Sector B-1, Vasant Kunj, New Delhi 110070 [Tel 98-184-76740 (M); Email [sudha.bhattacharya@ashoka.edu.in](mailto:sudha.bhattacharya@ashoka.edu.in), [sbjnu110@gmail.com](mailto:sbjnu110@gmail.com)]; **Lecture:** KS Krishnan Memorial (2016); **SC: VIII.**

**2001: BHATTACHARYA, Sujit Kumar** (*b* 1950), MD, Sp: Diarrhoeal Diseases, HIV/AIDS, Kala-azar, COVID-19, Infectious Diseases; FNASc, FAMS, FNA, FIPHA, NASI-Senior Scientist Platinum Jubilee Fellow, formerly Director, National Institute of Cholera and Enteric Diseases, Kolkata; formerly ADG, ICMR, Presently Senior Medicine Consultant, Department of Internal Medicine, Bengal Faith Hospital, Burdwan, West Bengal; *G-2, Cluster VIII, Purbachal, Salt Lake, Kolkata 700097* [Tel 86-974-62003 (M); Email [sujitkbhattacharya@yahoo.com](mailto:sujitkbhattacharya@yahoo.com)]; **SC: IX.**



**1986: BHATTACHARYA, Amalendu Bhushan** (*b* 1937), PhD, Sp: Micro-Electronics; Emeritus Professor, Jai Prakash Institute of Information Technology, A-10, Sector 62, Noida; formerly Dean, Industrial Research and Development, IIT, New Delhi; *C-184, Sector 26, Noida 201301* [Tel (0120) 431-1691 (R), 98-181-26754 (M); Email [abbhattacharya@yahoo.com](mailto:abbhattacharya@yahoo.com)]; **SC: V.**



**2022: BHATTACHARYA, Aninda Jiban** (*b* 1968), PhD, Sp: Materials and Physical Chemistry, Energy; FASc, FNASc, J.C. Bose Fellow, Professor, *Interdisciplinary Centre for Energy Research and Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; [Tel: 9900269068; Email [anindajb@ac.iisc.in](mailto:anindajb@ac.iisc.in), [anindajbhattacharyya@gmail.com](mailto:anindajbhattacharyya@gmail.com)]; **SC: III.**



**2009: BHATTACHARYA, Archana** (*b* 1948), PhD, Sp: Ionospheric Physics and Geomagnetism; FASc, FNASc, INSA Honorary Scientist, *Indian Institute of Geomagnetism, New Panvel, Navi Mumbai 410218*; 303 Mohnesh-3, Sector 21, Nerul (E), Navi Mumbai 400706 [Tel 022-2748 4147 (O), 96-195-43004 (M), 022-2772 2014 (R); Email [archana.bhattacharyya@gmail.com](mailto:archana.bhattacharyya@gmail.com)]; **Medal: CV Raman (2022); Council: Ad Mem 2015; SC: IV.**



**2013: BHATTACHARYA, Gautam** (*b* 1966), PhD, Sp: High Energy Physics (Theory); FASc, FNASc, Senior Professor and Director, *Saha Institute of Nuclear Physics, Sector 1, Block AF, Bidhan Nagar, Kolkata 700064*; 2/58 (2nd Floor), Naktala, Kolkata 700047 [Tel (033) 2337-5345-49 (O), 94-330-28531 (M); Fax 2337-4637; Email [gautam.bhattacharyya@saha.ac.in](mailto:gautam.bhattacharyya@saha.ac.in), [gautam.sinp@gmail.com](mailto:gautam.sinp@gmail.com)]; **SC: II.**



**2021: BHATTACHARYA Suvendra Nath** (*b* 1975), PhD, Sp: Molecular Cell biology; Senior Principal Scientist and Head, *Molecular Genetics Division, CSIR-Indian Institute of Chemical Biology 4, Raja SC Mullick Road Kolkata 700032*; 23, Januki Nath Bose Road, Harinavi, 24 Parganas (South), West Bengal, 700148 [Tel (033) 24995783(O), 24279515 (R), 98-316-33460(M); Fax 24735197; Email [suvendra@iicb.res.in](mailto:suvendra@iicb.res.in); [suvendrab@yahoo.com](mailto:suvendrab@yahoo.com)]; Medal: INSA Young Scientist (2004); **SC-VIII.**



**2021: BHATTACHARYA, Tirthankar** (*b* 1968), PhD, Sp: Functional Analysis; FASc, FNASc, JC Bose Fellow, Professor, *Department of Mathematics, Indian Institute of Science, Bengaluru 560012*; HE 321, HE Quarters, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2710 (O), 94482-79673 (M); Email [tirtha@iisc.ac.in](mailto:tirtha@iisc.ac.in); [tirtha@pm.me](mailto:tirtha@pm.me)]; **SC: I.**





**2001: BHATWADEKAR, Shrikant Mahadeo** (b 1946), PhD, Sp: Commutative Algebra and Algebraic Geometry; FASc, Visiting Professor, Bhaskaracharya Pratishthan (Institute of Mathematics); formerly Senior Professor, TIFR, Mumbai; 56/14, Erandavane, Damle Path, Pune 411004 [Tel 98-696-32801 (M); Email smbhatwadekar@gmail.com]; INSA Senior Scientist (2016-19); **Council:** Mem 2009-11; **SC: I.**



**1990: BHAWALKAR, Dilip Devidas** (b 1940), PhD, Sp: Lasers and their Applications; FASc, FNASc, Director, *Quantalase Enterprises Pvt Ltd.*, 26, Paramanu Nagar, CAT-RAU Road, Indore 452013 [Tel (0731) 232-2707 (O), 232-0031 (R); Email ddbhawalkar@yahoo.com, ddbhawalkar@quantalase.in]; **SC: II.**



**1998: BHISEY, Rajani Avinash** (b 1941), PhD, Sp: Environmental Carcinogenesis, Molecular Epidemiology; FASc, formerly Head, Carcinogenesis Division, Cancer Research Institute, Parel, Mumbai; 7 Yugprabhat Society, Sitaladevi Temple Road, Mahim, Mumbai 400016 [Tel (022) 2446-7356 (R); Email rajani.bhisey@gmail.com]; **SC: IX.**



**2011: BHOSLE, Ushadevi Narendra** (b 1949), PhD, Sp: Algebraic Geometry; FASc, FNASc, Formerly Senior Professor, Tata Institute of Fundamental Research, Mumbai; Raja Ramanna Fellow, *Indian Institute of Science, Bengaluru* and *INSA Senior Scientist, Indian Statistical Institute, Bengaluru*; Flat No. 256, Jal Vayu Towers, Benniganahalli, Bengaluru 560038 [Tel 88-616-96296 (M); Email usha@math.tifr.res.in, usnabh07@gmail.com]; **SC: I.**



**2010: BHOWMICK, Anil Kumar** (b 1954), PhD, Sp: Polymer Science and Engineering; FNAE, Research Professor, Department of Chemical and Biomolecular Engineering, The University of Houston, Houston, Texas, 77204, USA; former Professor of Eminence, Rubber Technology Centre, IIT Kharagpur; Former Director, IIT Patna [Tel (001-713) 743-9241 (O), 94-340-05882 (M); Email akbhowmick@uh.edu, anilkb@rtc.iitkgp.ernet.in, anilbhowmick@gmail.com; Web anilkbhowmick.in]; **Medal:** SH Zaheer (2020); **SC: V.**



**2024: BHOWMIK, Santanu Kumar** (b 1966), PhD, Sp: Metamorphic Petrology and Tectonics, Professor, *Department of Geology & Geophysics, Indian Institute of Technology, Kharagpur 721302, West Medinipur, West Bengal*, Qtr. No. A-56, IIT Campus, Kharagpur-721302, West Medinipur, West Bengal; [Tel (03222) 283390 (O), 94-340-41791 (M); Email santanu@gg.iitkgp.ac.in, santanukbhowmik@gmail.com]; **SC: IV.**



**2023: BHUJANGA Rao Vepakomma** (b 1951), PhD (Mech Engg), PhD (Management), Sp: Defence R&D, Naval Systems, Structural Dynamics, Underwater Acoustics, Medical Implants, FNAE, Chairman, KIMS Foundation & Research Centre (DSIR Recognised), Former DG, DRDO, Former ISRO *Chair Professor, National Institute of Advanced Technologies, IISc Campus, Bangalore 560012*; G-302, Lansum Etania, Nanakramguda, Hyderabad; [Tel 88-009-90254 (M); Email vepcrew1@gmail.com]; **NC**



**1981: BHUTANI, Om Parkash** (b 1935), PhD, Sp: Applied Mathematics, Symmetries and Differential Equations; formerly Dean PGS&R, Chairman & Professor, Department of Mathematics, IIT, New Delhi 110016; B-1/1057, Vasant Kunj, New Delhi 110070 [Tel (011) 2613-7825 (R); Email bhutaniop@hotmail.com]; **Visiting Fellowship:** JL Nehru Birth Centenary (1998); INSA Senior Scientist (1996-2001); **Council:** Ed Pub 1994-96; **SC: I.**



**2024: BIJU, Sathyabhama Das** (*b* 1962), PhD (2007), Sp: Amphibians: Taxonomy, Systematics, Molecular Phylogenetics, Biogeography and Conservation; PhD (1999), Sp: Angiosperms: Taxonomy and Systematics, Senior Professor, *Department of Environmental Studies, University of Delhi 110007*; D-VI/4, Maurice Nagar, University of Delhi, Delhi 110007; [Tel +91-98-719-33622 (M); Email [sdbiju.es@gmail.com](mailto:sdbiju.es@gmail.com), [sdbiju@es.du.ac.in](mailto:sdbiju@es.du.ac.in)]; **SC: VI**.



**2024: BISHT, Naveen Chandra** (*b* 1978), PhD Genetics, Sp: Agricultural Biotechnology (Nutrigenetics & Genomics of Seed Quality Traits in Brassica crops), Scientist V, *National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110 067*, H-IV, S-102, NIPGR Campus, Aruna Asaf Ali Marg, New Delhi; [Tel (011) 2673-5183, 88-008-40839 (M); Email [ncbisht@nipgr.ac.in](mailto:ncbisht@nipgr.ac.in), [ncbisht@gmail.com](mailto:ncbisht@gmail.com)]; **Medal: INSA Young Scientist (2007); SC: X**.



**2013: BISWAS, Gautam** (*b* 1956), PhD, Sp: Heat Transfer, Computational Fluid Dynamics, Fluid Mechanics, Microfluidics; FASc, FNASc, FNAE, JC Bose National Fellow, Professor, *Indian Institute of Technology Kanpur, Kanpur 208016*; formerly Director, IIT Guwahati and formerly Director, CSIR-CMERI, Durgapur [Tel (0512) 259-7656 (O), 88-110-86524 (M); Fax 259-7408; Email [gtm@iitk.ac.in](mailto:gtm@iitk.ac.in); Web <http://home.iitk.ac.in/~gtm/>]; **SC: V**.



**2014: BISWAS, Indranil** (*b* 1964), PhD, Sp: Algebraic Geometry; FASc, Senior Professor (I), *Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400005*; 203, Meghnad, TIFR Housing Colony, Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2220 (O), 2280-4832 (R), 98-336-17499 (M); Fax 2280-4610/4611; Email [indranil@math.tifr.res.in](mailto:indranil@math.tifr.res.in)]; **SC: I**.



**2016: BORGES, Renee Maria** (*b* 1959), PhD, Sp: Evolutionary Ecology; FASc, J.C. Bose National Fellow, Professor, *Centre for Ecological Sciences, Indian Institute of Science, Bengaluru 560012*; 227, Rajmahal Vilas Extension II, Bengaluru 560094 [Tel (080) 2293-3103, 2360-2972 (O), 2341-7366 (R); Fax 2360-1428; Email [renee@iisc.ac.in](mailto:renee@iisc.ac.in)]; **SC: VI**.



**1997: BORKAR, Vivek Shripad** (*b* 1954), MS (Case Western), PhD (Calif), Sp: Analysis and Control of Stochastic Systems; FASc, FNASc, FNAE, Emeritus Fellow and former Professor, *Department of Electrical Engineering, Indian Institute of Technology, Mumbai 400076* [Tel 99-690-66626 (M); Fax 2572-3707; Email [borkar.vs@gmail.com](mailto:borkar.vs@gmail.com)]; **Medal: PC Mahalanobis (2008); Council: Mem 2015-17; SC: V**.



**2007: BOSE, Arup** (*b* 1959), PhD, Sp: Statistics and Probability; FASc, FNASc, Professor, *Statistics and Mathematics Unit, Indian Statistical Institute, 203, Barrackpore Trunk Road, Kolkata 700108*; Flat 4 A, Shantiniketan Apartments, 242 Jodhpur Park, Kolkata 700068 [Tel (033) 2575-3409 (O), 98-304-96250 (M); Email [bosearu@gmail.com](mailto:bosearu@gmail.com), [abose@isical.ac.in](mailto:abose@isical.ac.in); Web <http://www.isical.ac.in/~abose/>]; **Medal: PC Mahalanobis (2020); Council: Member 2023-; SC: I**.



**1995: BRAHMACHARI, Samir Kumar** (*b* 1952), PhD, Sp: Structural Biology, Functional Genomics, Open Source Drug Discovery; FASc, FNASc, FNAE, JC Bose National Fellow, Academy Professor, Academy of Scientific and Innovative Research, *B-101, Karle Zenith Residence, 100ft Kempapura Road, Nagavara, Bengaluru 560045* [Tel 98-104-43272 (M); Email [skb@igib.in](mailto:skb@igib.in), [brahmacharisk@gmail.com](mailto:brahmacharisk@gmail.com)]; **Medal: INSA Young Scientist (1979), JC Bose (2007); Council: Mem 2009-11; SC: VIII**.





**2016: BRAHMACHARI, Vani** (*b* 1955), PhD, Sp: Epigenetics and Development Biology, Molecular Genetics; FNASc, Professor (Rtd), *Epigenetics and Developmental Biology Group, Dr BR Ambedkar Center for Biomedical Research, University of Delhi, Delhi 110007*; B-101, Karle Zenith Residences, 100ft Kempapura Road, Nagavara, Bangalore 560045 [Tel 98-188-41024 (M); Email vani.brahmachari@gmail.com, vbrahmachari@acbr.du.ac.in]; **Medal:** INSA Young Scientist (1985); **SC: VII.**



**2009: BUDHANI, Ramesh Chandra** (*b* 1955), PhD, Sp: Physics, Physics of Quantum Materials (Superconductivity and Magnetism in Low Dimensional Systems); FASc, FNASc, Professor & Director DOD Center of Excellence, *Department of Physics, Morgan State University, 1700 E Cold Spring Lane, Baltimore MD 21251*, Adjunct Professor, Department of Physics, University of Maryland, 4150 Campus Dr, College Park, MD 20742 [Tel 443-885-1017 (O) and Adjunct Professor, Department of Physics & Astronomy, Johns Hopkins University, Baltimore, MD 21218, Ph. 410-516-7347; Email ramesh.budhani@morgan.edu, rbudhani1@jh.edu, rbudhani@umd.edu, rcb@iitk.ac.in]; **SC: II.**



**2004: BUJURKE, Nagendrappa Masanappa** (*b* 1944) PhD, Sp: Applied Mathematics, Fluid Mechanics, Computational Techniques, Krylov Subspace Methods, Wavelets, Physiological Fluid Flows; FNASc, INSA Emeritus Scientist, PG Department of Mathematics, Karnatak University, Dharwad 580003; *“Aditya”, Plot no. 33, First Main 4th Cross, UCB Nagar, Dharnad 580007* [Tel (0836) 221-5222 (O), 94-484-24745, 78-922-66448 (M); Fax 274-7884; Email bujurke@yahoo.com]; INSA Senior Scientist (2005-07, 2009-12), INSA Honorary Scientist (2018-19); **SC: I.**



**1981: BUTI, Bilma** (*b* 1933), PhD (U of Chicago, USA), Sp: Plasma Physics; FNASc, FTWAS, **Fellow American Institute of Physics**; Director, Centre for Science and Society; President, Buti Foundation; 20 Swagat Mahal, Chandkheda, Ahmedabad 382424; formerly Senior Professor, PRL, Ahmedabad [Tel 98-253-19013 (M); Email bimlabuti@gmail.com, bbuti@butifoundation.org]; **Medal:** INSA-Vainu Bappu Memorial (1994); **Lecture:** JL Nehru Birth Centenary (1993); **Council:** Mem 1991-93; **SC: II.**



**2005: CHADDAH, Praveen** (*b* 1951), PhD, Sp: Condensed Matter Physics; FASc, FNASc, formerly Director, UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore 452017; *Flat 702, Block 24, Heritage City (near MG Road Metro Station), Gurugram 122002* [Tel (0124) 428-0243 (R), 96-301-28811 (M); Email chaddah.praveen@gmail.com]; **Medal:** INSA Young Scientist (1978); **SC: II.**



**1983: CHADHA, Mohindra Singh** (*b* 1928), PhD (Cornell), Sp: Organic and Bio-Organic Chemistry; FNASc, formerly Director, Biochemical Group, BARC, Mumbai; *C-6, Beach House Apts, Gandhigram Road, Juhu, Mumbai 400049* [Tel (022) 2620-2596 (R), 98-214-41121 (M); Email chadhams@gmail.com]; INSA Senior Scientist (1991-94); **SC: III.**



**2003: CHAKRABARTI, Bikas Kanta** (*b* 1952), PhD, Sp: Statistical and Condensed Matter Physics; FASc, Emeritus Professor, *Saha Institute of Nuclear Physics, Kolkata 700064*; Visiting Professor of Economics (since 2007), Indian Statistical Institute, Kolkata 700108; Amader Kutir, P. No. 33, Street No. 510, Action Area IIB, Newtown, Kolkata 700161; [Tel 93-395-11916 (M); Email bikask.chakrabarti@saha.ac.in, bikask.chakrabarti@gmail.com]; **Medal:** INSA Young Scientist (1984); **SC: II.**

**2000: CHAKRABARTI, Partha Pratim** (b 1962) PhD, Sp: Computer Science and Engineering; Professor, *Indian Institute of Technology Kharagpur, Kharagpur 721302*; Qtr No A-16, IIT Campus, Kharagpur 721302 [Tel (03222) 283-466 (O), 283-467 (R); Fax 282-000; Email ppchak@cse.iitkgp.ac.in, ppchak\_99@yahoo.com]; **Medal:** INSA Young Scientist (1991), AK Bose Memorial (1995); **Council:** Mem 2017-19; **SC: V.**



**2006: CHAKRABARTI, Pinakpani** (b 1955), PhD, Sp: Molecular Biophysics, X-ray Crystallography and Structural Biology, Bioinformatics; FASc, FNASc, FTWAS, DAE Raja Ramanna Fellow, *Department of Biochemistry, Bose Institute, P-1/12 CIT Scheme VII M, Kolkata 700054*; A2 Srobona, Neelachal Abasan, 98 Rajdanga Gold Park (N), Kolkata 700107 [Tel (033) 2659-3238 (O), 98-307-51009 (M); Fax 2355-3886; Email pinak@jcbose.ac.in, pinak.chak@gmail.com; Web <http://www.jcbose.ac.in/faculty-details/pinakpani-chakrabarti/>]; **Medal:** JC Bose (2016); **Lecture:** BC Guha Memorial (2011); **SC: VIII.**



**2012: CHAKRABARTI, Sekhar** (b 1952), PhD, Sp: Viral Diseases with Special Emphasis on Genetic Characterization of Viruses and Mechanism of Pathogenesis; FNASc, Erudite Professor, *Calcutta School of Tropical Medicine, Kolkata*; formerly Scientist G and Director-in-charge, *National Institute of Cholera & Enteric Diseases; Flat No B-005, VIP Enclave-II, VIP Road, Baguihati, Kolkata 700059* [Tel 98-315-04066 (M); Email sekharchakrabarti61@gmail.com]; **SC: IX.**



**2019: CHAKRABARTI, Soumen** (b 1969), PhD, Sp: Computer Science, Text and Web Search, Social Networks; FASc, FNAE, JC Bose National Fellow, Professor, *Computer Science, Indian Institute of Technology Bombay, Powai, Mumbai 400076* [Tel (022) 2576-7716 (O); Fax 2572-0022; Email soumen@cse.iitb.ac.in]; **SC: V.**



**2016: CHAKRABORTI, Asit Kumar** (b 1954), PhD, Sp: Organic Chemistry, Medicinal Chemistry, Green Chemistry; FASc, FRSC, LFICS; DAE Raja Ramanna Fellow, *School of Chemical Sciences, Indian Association for the Cultivation of Science (IACS), Jadavpur, Kolkata, West Bengal 700 032*; Former Professor and Head, *Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Punjab; Mahananda Apartment, Block A, Flat No. 4, 5A Green Rom, Kolkata 700084* [Tel (033) 2473 4971 (Ext 1406), (O); 94-177-70515 (M); Email ocakc@iacs.res.in, akchakraborti@niper.ac.in, asitkumarchakraborti@gmail.com]; **Lecture:** Dr Nitya Anand Endowment (2021), INSA Distinguished Lecture Fellow (2023); **SC: III.**



**2011: CHAKRABORTI, Pradip Kumar** (b 1956), PhD, Sp: Molecular Biology & Biochemistry, Molecular Microbiology; FASc, FNASc, INSA Senior Scientist, *Department of Biotechnology, Panjab University, Chandigarh 160014*; former Chief Scientist, *CSIR-Institute of Microbial Technology, Chandigarh* and former Professor and Head, *Department of Biotechnology, Jamia Hamdard, New Delhi*; House No. 1005, Sector 39B, Chandigarh 160036 [Tel (0172) 253-4085 (O), (0172) 500-3975 (R), 98-158-63975 (M); Email pradipkchakraborti@gmail.com]; **Medal:** Professor BS Trivedi Memorial (2020); **SC: IX.**





**2016: CHAKRABORTY, Niranjan** (*b* 1958), PhD, Sp: Plant Molecular Biology, Plant Proteomics; FNASc, FNAAS, Professor-of-Eminence, *National Institute of Plant Genome Research, Jawaharlal Nehru University Campus, Aruna Asaf Ali Marg, New Delhi 110067*; C9/9428, Vasant Kunj, New Delhi 110070 [Tel (011) 2673-5178 (O), 2613-9428 (R), 98-732-08264 (M); Fax 2674-1658; Email nchakraborty@hotmail.com, nchakraborty@nipgr.ac.in]; **SC: VII.**



**2022: CHAKRABORTY, Subhra** (*b* 1964), PhD, Sp: Nutritional and Stress Genomics, Plant Immunity, Plant Proteomics, Molecular Biology & Biotechnology; FASc, FNASc, FNAAS, JC Bose National Fellow, Director, *National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067*; Director's Residence, NIPGR, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2673-5169 (O), 2674-2263 (R), 99-719-23777 (M); Fax 2674-1658; Email subhrac@hotmail.com, schakraborty@nipgr.ac.in]; **SC: VII.**



**2017: CHAKRABORTY, Suman** (*b* 1973), PhD, Sp: Microfluidics, Nanofluidics and Microscale/Nanoscale Transport Processes; FASc, FNASc, FNAE, Professor, *Department of Mechanical Engineering, Indian Institute of Technology Kharagpur, Kharagpur 721302*; 28/9, Station Road, PO Dhakuria, Kolkata 700031 [Tel (03222) 282-990 (O), 98-314-02939 (M); Fax 282-278; Email suman@mech.iitkgp.ac.in]; **Medal:** INSA Young Scientist (2003); AK Bose Memorial (2007); **SC: V.**



**2020: CHAKRABORTY, Supriya** (*b* 1969), PhD, Sp: Biology of Plant Virus Interactions; FNASc, FNAAS, Professor (Virology), *Molecular Virology Laboratory, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067*; 16, Dakshina Puram, Jawaharlal Nehru University, New Delhi 110067 [Tel (011) 2670-4153 (O), 2674-1875 (R), 98-686-28684 (M); Fax 2674-2558; Email supriyachakrasls@yahoo.com, schakraborty@mail.jnu.ac.in]; **SC: VII.**



**2007: CHAKRABORTY, Tushar Kanti** (*b* 1957), PhD, Sp: Organic Synthesis, Peptides, Peptidomimetics; FASc, FNASc, Honorary Professor, *Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560012*; formerly Director, CSIR-Central Drug Research Institute, Lucknow [Tel (080) 2293-2215 (O), 6882-2680 (R); Fax 2360-0529; Email tushar@iisc.ac.in, tusharkantichakraborty@gmail.com]; **Medal:** Golden Jubilee Commemoration (Chemical Sciences) (2022); **SC: III.**



**2006: CHAKRAVARTY, Akhil Ranjan** (*b* 1953), PhD, Sp: Bioinorganic and Medicinal Inorganic Chemistry; FASc, FTWAS, Honorary Professor, *Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru 560012*; No. 551, MANOBELA, 4<sup>th</sup> Cross, Tata Nagar, Kodigehalli, Bengaluru 560092 [Tel (080) 2293-2533 (O), 2351-5407 (R), 94-482-75407 (M); Fax 2360-1552, 2360-0683; Email arc@iisc.ac.in, akhilchakravarty@gmail.com; Web <http://ipc.iisc.ac.in/arc/>]; **SC: III.**



**2017: CHAKRAVORTY, Dipshikha** (*b* 1968), PhD, Sp: Microbiology, Infectious Diseases; FNASc, FNA, Professor, *Department of Microbiology and Cell Biology, Indian Institute of Science, CV Raman Avenue, Bengaluru 560012*; IISc Campus, IISc, Bengaluru 560012 [Tel (080) 2293-2842 (O), 2360-6657 (R), 99-027-89453 (M); Fax 2360-2697; Email dipa@iisc.ac.in]; **Council:** Mem 2024-; **SC: IX.**

**1979: CHAKRAVORTY, Animesh** (*b* 1935), PhD, DSc (*hc*), Sp: Inorganic & Structural Chemistry, History of Chemistry; FASc, FTWAS, Flat 8/3, 6 Sunny Park, Kolkata 700019 [Tel 94-338-01715, 96-744-08868 (M); Email animeshc31@gmail.com]; **Professorship:** INSA-Golden Jubilee Research Professor (1996-2001); **Medal:** Professor TR Seshadri 70th Birthday Commemoration (1988); **Council:** Mem 1987-89; **SC: III.**



**1983: CHAKRAVORTY, Dipankar** (*b* 1937), MTech, PhD, DSc (*hc*), Sp: Materials Science; FASc, FTWAS, Emeritus Professor and INSA Emeritus Scientist, Indian Association for the Cultivation of Science, 2A & B, Raja SC Mullick Road, Jadavpur, Kolkata 700032; 8/1, Clarke Street, Kolkata 700026 [Tel (033) 2473-4971 (O), 2476-1351 (R); Fax 2473-2805; Email mlsdc@iacs.res.in, dipchak37@gmail.com]; **Lecture:** INSA Prize for Materials Science (2005); INSA Senior Scientist (2003-07), INSA Honorary Scientist (2007-15); **Council:** Mem 1989-91, VP 1998-2000; **SC: V.**



**2022: CHANDAK, Giriraj Ratan** (*b* 1963), MD, PhD, DNB Sp: Human and Medical Genetics; FASc, FNASc, FAMS, Scientist G (Deputy Director), E406, East Wing 3<sup>rd</sup> Floor, Genomic Research on Complex diseases (GRC-Group), CSIR-Centre for Cellular and Molecular Biology (CSIR-CCMB), Habsiguda, Uppal Road, Hyderabad 500007; Flat No. D306, Indu Aranya Pallavi Apartments, GSI Post, Bandlaguda, Nagole, Hyderabad 500068 [Tel (040) 2719-2748 (O), 2970-4365 (R), 98-490-84365 (M); Email chandakgrc@ccmb.res.in]; **SC: IX.**



**2013: CHANDRA, Amalendu** (*b* 1963), PhD, Sp: Theoretical Physical Chemistry; FASc, Professor, Department of Chemistry, Indian Institute of Technology, Kanpur 208016; House No 632, Indian Institute of Technology, Kanpur 208016 [Tel (0512) 259-7241 (O), 259-8446 (R), 94-150-45276 (M); Fax 259-7436; Email amalendu@iitk.ac.in]; **Medal:** INSA Young Scientist (1995); AK Bose Memorial (1997); **SC: III.**



**1986: CHANDRA, Hombe Gowda Sharat** (*b* 1938), PhD, Sp: Human Genetics, Evolution; FASc, Centre for Human Genetics, Biotech Park, Electronic City, Phase I, Bengaluru 560100; 192, 24th B Cross, 8th Main, 3rd Block, Jayanagar, Bengaluru 560011 [Tel (080) 2852-1831, 2852-1833 (O), 2663-9353 (R); Fax 2852-1832; Email sharat@iisc.ac.in, sharat@chg.res.in]; **Lecture:** JL Nehru Birth Centenary (1990); **Council:** Mem 1993-95; **SC: VII.**



**2022: CHANDRA, Nagasuma** (*b* 1965), PhD, Sp: Systems Biology; FASc, Professor, Department of Biochemistry, Indian Institute of Science, Bengaluru 560012; D2, 247, Ashirwad, 3<sup>rd</sup> Main Road, Mahalakshmi Layout, Bengaluru 560086 [Tel (080) 2293-2892 (O), 98-457-83140 (M); Fax 2360-0814; Email nchandra@iisc.ac.in; Web http://proline.biochem.iisc.ernet.in]; **SC: VIII.**



**1997: CHANDRAKUMAR, Narayanan** (*b* 1951), PhD, Sp: Magnetic Resonance Spectroscopy & Imaging, Chemical Physics, Physical Chemistry, Instrumentation; FASc, Professor Emeritus, MRI-MRS Centre and Department of Chemistry, Indian Institute of Technology, Chennai 600036; formerly Director-Grade-Scientist, Chemical Physics, CSIR-CLRI, Chennai; H4-2, Southern Shelters Housing Complex, Kattupakkam, Chennai 600056 [Tel (044) 2257-4920 (O), 2679-1073 (R); Fax 2257-4202; Email nckumar@iitm.ac.in, chandrakumar.iitm@gmail.com; Web http://chem.iitm.ac.in]; **Lecture:** Professor RK Asundi Memorial (2002), Professor KR Rao Memorial (2004); **Council:** Mem 2004-06; **SC: III.**





**2022: CHANDRAN LEELA, Sunil** (*b* 1974), PhD, Sp: Graph Theory, Combinatorics; FNAE, Professor, *Department of Computer Science and Automation, Indian Institute of Science, Bengaluru 560012*; NE-216, IISc Main Campus, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2907(O), 2972-1790 (R), 98-805-21790 (M); Fax 2360-2911; Email sunil@iisc.ac.in, sunil.cl@gmail.com]; **Medal:** INSA Young Scientist (2007); **SC: I.**



**1992: CHANDRASEKARAN, Srinivasan** (*b* 1945), PhD, Sp: Organic Synthesis, Organometallic Chemistry, Catalysis; FASc, FTWAS, INSA Senior Scientist, *Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560012*; 294 A, G1, 14th Cross, Dollars Colony, RMV II Stage, Bengaluru 560094 [Tel (080) 2293-2404 (O), 4165-1209 (R), 98-860-88344 (M); Fax 2360-0683, 2360-0529; Email scn@iisc.ac.in; Web <http://www.iisc.ac.in>]; **Medal:** Golden Jubilee Commemoration (Chem Sc) (2007); **Lecture:** JL Nehru Birth Centenary (2001); **Council:** 1998-2000; **SC: III.**



**2000: CHANDRASEKHAR, Jayaraman** (*b* 1952) PhD, Sp: Computational Chemistry, Drug Discovery, Theoretical Organic Chemistry; FASc, *Gilead Sciences, 199 E Blaine St, Seattle, WA 98102, USA*; 17203 NE 115th Ct, Redmond, WA 98052, USA [Tel (206) 454-7105 (O), (425) 298-0560 (R); Email jayaraman.chandrasekhar@gilead.com]; **SC: III.**



**2015: CHANDRASEKHAR, Srivari** (*b* 1964), PhD, Sp: Organic Chemistry (Chemical Sciences); FASc, FNASc, Director Bungalow, *CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad 500007*; [Tel (040) 2719-3210 (O), 98-480-35908 (M); Fax 2716-0512; Email srivari@iict.res.in, srivari@gmail.com]; Medal: INSA Young Scientist (1996), Golden Jubilee Commemoration (ChemSc) (2019); Council : Mem 2022-; **SC: III.**



**2008: CHANDRASEKHAR, Vadapalli** (*b* 1958), PhD, Sp: Inorganic Chemistry; FASc, FNASc, FTWAS, Distinguished Professor and Centre Director, *Tata Institute of Fundamental Research Hyderabad, Gopanpally, Hyderabad 500107* [Tel (040) 2020-3100/2020-3101 (O), 94-151-32221 (M); Email vc@tifrh.res.in]; **Medal:** INSA Young Scientist (1989), Golden Jubilee Commemoration (Chem Sc) (2013), Professor Mihir Chowdhury Memorial (2019); **Council:** VP 2019-21; **SC: III.**



**2003: CHANDRASHEKAR, Tavarekere K** (*b* 1956), PhD, Sp: Inorganic Chemistry of Biomolecules; FASc, FNASc, FTWAS, Distinguished Professor, *Department of Chemistry, IIT Kanpur, Kalyanpuri, Kanpur, Uttar Pradesh 208016*; formerly Senior Professor, *School of Chemical Sciences, National Institute of Science Education and Research, Bhubaneswar, PO Jatni, Khurda 752050, Odisha* [Tel 98-188-44936 (M); Email tkc@niser.ac.in]; **Medal:** Professor Mihir Chowdhury Memorial (2022); **Council:** Mem 2009-11; **SC: III.**

**2013: CHAPLOT, Samrath Lal** (b 1955), PhD, Sp: Condensed Matter Physics; FNASc, INSA Senior Scientist, formerly Distinguished Scientist and Director, *Physics Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400085*; Flat 904, Sai Ansh CHS Ltd, Plot 7, Sector 11, Sanpada, Navi Mumbai 400705 [Tel (022) 2775-9768 (R); Fax 2551-9613; Email chaplot@barc.gov.in, chaplot1974@gmail.com]; **SC: II.**



**2008: CHATTARAJ, Pratim Kumar** (b 1958), PhD, Sp: Theoretical Chemistry, Nonlinear Dynamics; FASc, FNASc, FTWAS, FRSC, JC Bose National Fellow, Distinguished Visiting Professor, *Department of Chemistry, Birla Institute of Technology Mesra, Ranchi 835215, Jharkhand*; Suite No. 2, OGH First Floor, Inner Campus, BIT Mesra, Ranchi 835215, Jharkhand. Email pratim.chattaraj@gmail.com; Medal: INSA Young Scientist (1990); **Lecture:** Professor Sadhan Basu Memorial (2020); **SC: III.**



**2020: CHATTERJEE, Mitali** (b 1960), MBBS, MD, PhD, Sp: Immunopharmacology, Leishmania Biology; FAMS, FASc, FNASc, FRCP, FTWAS, Professor, *Department of Pharmacology, Institute of Post-Graduate Medical Education and Research, 224B, Acharya JC Bose Road, Kolkata 700020*; 57/11B, Ballygunge Circular Road, Kolkata 700019 [Tel (033) 2204-1428 (O), 2454-4567 (R), 98-300-31523 (M); Fax 2223-4135; Email ilatimc@gmail.com]; **Oration:** Kadambini Ganguly (2022); **SC: IX.**



**1986: CHATTERJEE, Smriti Narayan** (b 1932), PhD, Sp: Biophysics, Microbiology, Molecular and Genetic Toxicology, Free Radicals Biology; FNASc, FAMS, formerly Senior Professor of Biophysics & Director, SINP, Kolkata; *Block CF-69, Sector-I, Bidhannagar, Kolkata 700064* [Tel (033) 2334-6117/6118 (R), 98-311-80440 (M); Email sncac.08@gmail.com]; **Lecture:** Professor SN De Memorial (1996); INSA Senior Scientist (1992-97); **SC: VIII.**



**2021: CHATTERJEE Subhadeep** (b 1975), PhD, Sp: Molecular microbiology, Quorum sensing, Plant-Microbe Interaction; Staff Scientist VI (Group leader), *Centre for DNA Fingerprinting and Diagnostics (CDFD), Inner ring road, Uppal, Hyderabad 500039, Telangana*; B5, Flat no 102 Indu Aranya Pallavi, GSI Post, Bandlaguda, Hyderabad 500068 [Tel (040) 27216108 (O), 94-90794946 (M), Fax 27216006; Email subhadeep@cdfd.org.in, xoohyd@gmail.com]; **SC: VII.**



**1997: CHATTERJI, Dipankar** (b 1951), PhD, DSc (*hc*), Sp: Biophysical Chemistry, Molecular Biology & Nanobiology; FASc, FNASc, FTWAS, JC Bose National Fellow, Emeritus Professor, *Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560012*; [Tel (080) 2360-0137, 2293-2836 (O), 98-454-04962 (M); Fax 2360-0535, 2360-0683; Email dipankar@iisc.ac.in]; **Lecture:** BC Guha Memorial (2002); **Council:** Mem 2002-04; **SC: VIII.**





**2006: CHATTOPADHYAY, Amitabha** (b 1956), PhD, Sp: Membrane/G Protein-coupled Receptor Biophysics & Biology, Fluorescence Spectroscopy & Microscopy; FASc, FNASc, FRSC, FTWAS, SERB Distinguished Fellow, CSIR Bhatnagar Fellow, *CSIR-Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad 500007*; Distinguished Visiting Professor, Indian Institute of Technology Bombay, Mumbai; Adjunct Professor, Tata Institute of Fundamental Research, Mumbai; Swinburne University of Technology, Hawthorn (Victoria), Australia; Honorary Faculty Member, JNCASR, Bengaluru [Tel (040) 2719-2578, 2716-0059 (O), 2701-5197 (R); Fax 2716-0311, 2716-0591; Email amit@ccmb.res.in, amit.gpcr@gmail.com; Web <http://e-portal.ccmb.res.in/e-space/amit/Pages/Index.htm>]; **Medal:** Professor GN Ramachandran 60th Birthday Commemoration (2015); **Lecture:** BC Guha Memorial (2008), INSA Distinguished Lecture Fellow (2023); **Council:** Mem 2020-22; **SC: VIII.**



**2020: CHATTOPADHYAY, Arun** (b 1964), PhD, Sp: Chemical Physics; FASc, Professor, *Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati 781039*; F-02, Indian Institute of Technology Guwahati, Guwahati 781039 [Tel (0361) 258-2304 (O), 258-4304 (R), 99-540-06897 (M); Fax 258-2349; Email arun@iitg.ac.in]; **SC: III.**



**2018: CHATTOPADHYAY, Debasis** (b 1967), PhD, Sp: Plant Biology, Plant Genomics; FNASc, FASc, J.C. Bose National Fellow, Scientist VII, *National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067*; H-VB(D1)-001, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2673-5189 (O), 2673-5148 (R), 98-682-40645 (M); Fax 2674-1658; Email debasis@nipgr.ac.in]; **SC: VII.**



**1996: CHATTOPADHYAY, Kamanio** (b 1950), BE, MSc (Engg), PhD, Sp: Physical Metallurgy and Materials Engineering; FASc, FNASc, FNAE, Emeritus Professor and National Science Chair, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012*; Flat 410-411, Block-III, RMV Cluster, Phase II, 10/11 A, LT Halli, Devinagar Extn., Bengaluru 560094 [Tel (080) 2293-2262 (O), 98-459-49940 (M); Fax 2360-0472; Email kamanio@iisc.ac.in]; **Medal:** INSA Young Scientist (1979); **SC: V.**



**2013: CHATTOPADHYAY, Samit** (b 1959), PhD, Sp: Gene Regulation, Cancer Biology and Immunology; FASc, FNASc, FTWAS, JC Bose National Fellow, Director, *CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; B2-10, Harmony Society, Nagras Road, Aundh, Pune 411007 [Tel (033) 2473-5368, 2413-1157 (O), (020) 2589-6121 (R), 98-234-09155 (M); Fax (033) 2473-5197; Email director@iicb.res.in, samit@iicb.res.in; Web <http://www.iicb.res.in>]; **SC: IX.**



**2009: CHATTOPADHYAY, Sudip** (b 1960), PhD, Sp: Plant Sciences (Developmental Biology); FASc, FNASc, Professor, *Department of Biotechnology, National Institute of Technology, Mahatma Gandhi Avenue, Durgapur 713209, West Bengal*; House No. 73, Shilpakanan, Sector 2A, Bidhannagar, Durgapur 713206, West Bengal [Tel 94-347-88029 (M); Email sudipchatto@gmail.com, sudip.chattopadhyay@bt.nitdgp.ac.in; Web [http://www.nitdgp.ac.in/bt/s\\_chattopadhyay/s\\_chattopadhyay.php](http://www.nitdgp.ac.in/bt/s_chattopadhyay/s_chattopadhyay.php)]; **SC: VII.**



**1989: CHATTORAJ, Dipti Kumar** (*b* 1930), PhD, DSc, Sp: Surface Chemistry, Biophysical Chemistry; INSA Emeritus Scientist, formerly Professor & Head, *Department of Food Technology and Biochemical Engineering, Jadavpur University, Kolkata 700032*; EC 258, Sector 1, Salt Lake, Kolkata 700064 [Telefax (033) 2414-6822, 2414-6233 (O), 2337-5420 (R)]; Email dkchattoraj@gmail.com]; INSA Senior Scientist (1995-99), INSA Honorary Scientist (2001-04) (2006-15); **SC: III.**



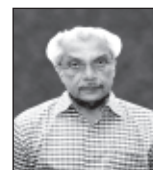
**2005: CHAUDHARI, Raghunath Vitthal** (*b* 1948), PhD, Sp: Homogeneous & Heterogeneous Catalysis, Reaction Engineering, Multiphase Reactors, Biomass Conversion to Chemicals and Fuels; FASc, FNAE, Deane E. Ackers Distinguished Professor, *Chemical & Petroleum Engineering Department, Center for Environmentally Beneficial Catalysis, The University of Kansas, 1501 Wakarusa Drive, Room 112B, Lawrence, KS 66047-1803, USA*; 6109, Palisades Drive, Lawrence 66049, USA [Tel 1-785-864-1634 (O), 1-785-218-0036 (R), Fax 1-785-864-6051; Email rvc1948@ku.edu; Web http://www.cebc.ku.edu]; **SC: V.**



**2007: CHAUDHURI, Bidyut Baran** (*b* 1950), PhD, Sp: Computer Science and Engineering; FNASc, FNAE, FIEEE, FTWAS, Pro Vice-Chancellor, *Techno India University, EM 4, Sector V, Salt Lake, Kolkata 700091*; 87/29, A K Mukherjee Road, Kolkata 700090 [Tel 90-383-29290 (M); Email bidyutbaranchaudhuri@gmail.com, bbcisical@gmail.com]; **SC: V.**



**1991: CHAUDHURI, Mihir Kanti** (*b* 1947), PhD, Dr rer nat, DSc (hc), Sp: Inorganic Chemistry; FASc, Advisor, Chancellor's Secretariat, *Raj Bhavan, Guwahati 781001, and Chief Advisor, RGU, Guwahati 781035*. [Telefax (0361) 2731832, 99-544-49454 (M); Email: mkc@tezu.ernet.in]; **Council: VP 2013-15; SC: III.**



**2009: CHAUDHURI, Probal** (*b* 1963), PhD, Sp: Statistics; FASc, FNASc, Professor, *Theoretical Statistics and Mathematics Unit, Indian Statistical Institute, 203, Barrackpore Trunk Road, Kolkata 700108*; 8-Ramlal Agarwalla Lane, Kolkata 700050 [Tel (033) 2575-3414 (O), 98-317-89429 (M); Email probal@isical.ac.in]; **SC: I.**



**2012: CHAUDHURI, Subhasis** (*b* 1963), PhD, Sp: Computer Vision, Image Processing, Machine Learning and Haptics; FASc, FNASc, FNAE, FIEEE, Director, *Indian Institute of Technology Bombay, Powai, Mumbai 400076*; Qtr No B-130, IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7437 (O), 2576-8437 (R), 98-206-05354 (M); Fax 2572-3707; Email sc@ee.iitb.ac.in]; **Council: Mem 2016-18, Ad Mem 2020; SC: V.**



**2022: CHAUHAN, Manmohan Singh** (*b* 1960), PhD, Sp: Animal Reproduction Assisted Reproduction Technology, IVF, Stem Cell Culture, Animal Cloning and Transgenesis; FNAAS, Director, *ICAR- National Dairy Research Institute (NDRI), Karnal 132001, Haryana*; Director's Residence, ICAR-National Dairy Research Institute (NDRI Campus), Karnal 132001, Haryana [Tel (0184) 225-2800 (O), 87-082-05144 (R), 99-916-52455 (M); Email chauhanabtc@gmail.com]; **SC: X.**





**1999: CHAUHAN, Virander Singh** (b 1950) DPhil, Sp: Peptides as Self Organizing System and Drug Delivery Platforms, Malaria Immunology, Subunit Vaccine and Malaria Drug Development; FASc, FNASc, Ex-Chairman of University Grants Commission (UGC) and Executive Chairman of NAAC, Chancellor of GITAM University, Distinguished Visiting Professor, Institution of Eminence University of Delhi, Padma Shri (2012); *International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067*; B-23, Geetanjali Enclave, New Delhi 110017 [Tel 98-112-92058 (M); Email viranderschauhan@gmail.com; Web <http://www.icgeb.org>]; **Lecture:** JL Nehru Birth Centenary (2006); **Council:** Mem 2015-17; **SC: VIII.**



**2020: CHAWLA-SARKAR, Mamta** (b 1970), PhD, Sp: Molecular Virology; FNASc, Scientist-F, *Division of Virology, ICMR-National Institute of Cholera and Enteric Diseases (ICMR-NICED), P33 CIT Road, Scheme XM, Beliaghata, Kolkata 700010*; T-19, Panchasayar, Kolkata 700094 [Tel (033) 2353-7470 (O), 98-305-59871 (R), 98-306-60999 (M); Fax 2363-2398; Email chawlam70@gmail.com, chawlasarkar.m@icmr.gov.in]; **SC: IX.**



**2019: CHENGALUR, Jayaram Narayanan** (b 1965), PhD, Sp: Astronomy; FASc, FNASc, Distinguished Professor, *NCR A (TIFR), Pune University Campus, Postbag 3, Ganeshkhind, Pune 411007, India*, [Tel (91)-20-25719248 (direct), (91)-20-25719000 (board), (91)-20-25719111 (board), Fax : (91)-20-25697257; Email chengalur@ncra.tifr.res.in]; **SC: II.**



**2014: CHHABRA, Rajendra Prasad** (b 1953), PhD, Sp: Chemical Engineering; FASc, FNASc, FNAE, JC Bose National Fellow, Professor, *Department of Chemical Engineering, Shiv Nadar University- Institute of Eminence, NH-91, Tehsil Dadri, Distt. G B Nagar, UP 201314*; 755, Campus Housing, Shiv Nadar University (Institute of Eminence), NH-91, Dadri, Distt G B Nagar, UP 201314 [ 98-397-41317 (M); Email chhabra@iitk.ac.in]; **SC: V.**



**1978: CHIDAMBARAM, Rajagopala** (b 1936), PhD, DSc (IISc), DSc (bc), Sp: Materials Science and Crystallography, High Pressure Physics and Nuclear Technology; FASc, FNASc, FNAE, FTWAS, Chairman (Honorary), School for Advanced Studies in Nuclear Science and Technology, *Bhabha Atomic Research Centre, Trombay, Mumbai 400085*; 405/406 Apollo, Raheja Acropolis I, Mahalaxmi Temple Road, Deonar, Mumbai 400088 [Tel (022) 2550-5305 (O), 2556-1315 (R); Fax (022) 2550-5132; Email rc@barc.gov.in, rajachid@gov.in]; **Medal:** Meghnad Saha (2002), CV Raman (2013); **Visiting Fellowship:** JL Nehru Birth Centenary (1992); **Council:** Mem 1988-90; **SC: II.**



**2015: CHITNIS, Chetan Eknath** (b 1961), PhD, Sp: Molecular Parasitology; FASc, Head, *Malaria Parasite Biology and Vaccines Unit, Department of Parasites and Insect Vectors, Institut Pasteur, 28 Rue du Dr. Roux, Paris 75015*; 12 Rue Raffet, Paris 75016 [Tel (+33) (1) 4438-9428 (O), 4288-6350 (R), (+33) 7 87 85 6133 (M); Email chetan.chitnis@pasteur.fr]; **SC: IX.**

**2013: CHOCKALINGAM, Ananthanarayanan** (b 1962), PhD, Sp: Electrical Engineering (Communications); FASc, FNASc, FNAE, FIETE, Professor, Department of Electrical Communication Engineering, Indian Institute of Science, Bengaluru 560012; 29 AECS, 2nd Stage Layout, 2nd Main, Nagasettiahalli, Bengaluru 560094 [Tel (080) 2293-3156 (O), 89-714-74971 (M); Fax 2360-0563; Email achockal@iisc.ac.in; Web <http://ece.iisc.ac.in/~achockal>, <http://ece.iisc.ac.in/~wrl>]; **SC: V.**



**2004: CHOKSHI, Atul Harish** (b 1958), PhD, Sp: Metallurgy and Materials Science; FASc, FNASc, FNAE, Professor, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012*; NE 01, IISc Campus, Bengaluru 560012 [Tel (080) 2293-2684 (O); Fax 2360-0472, 2360-0683; Email achokshi@iisc.ac.in]; **SC: V.**



**2004: CHOUDARY, Boyapati Manoranjan** (b 1946), PhD, Sp: Catalysts, Nano-Materials and Pharmaceuticals; FASc, Consultant for Chemical and Pharmaceutical Solutions, *Plot no. 154, New MLA & MPs' Colony, Road No. 10C, Jubilee Hills, Hyderabad 500033* [Tel 91-009-91400 (M); Email bmchoudary@gmail.com]; **SC: III.**



**2003: CHOUDHARY, Vasant Ramchandra** (b 1944), PhD, Sp: Catalysis and Chemical Reaction Engineering; FASc, FNASc, NASI-Senior Scientist, Chemical Engineering Division, CSIR-National Chemical Laboratory, Pune 411008; *"VASANTASHA" (behind Hotel Seasons), 1-Green Park, Off D.P. Road, Near New Petrol Pump, Aundh, Pune 411007* [Tel 92-251-06141 (M); Email vrc0001@yahoo.co.in]; **SC: V.**



**2011: CHOUDHURI, Arnab Rai** (b 1956), PhD, Sp: Theoretical Astrophysics, Solar Physics, Magnetohydrodynamics, History of Science; FASc, FNASc, FTWAS, Honorary Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; Flat - 206, Pavan Apartments, No. 74, 15<sup>th</sup> Cross Malleswaram, Bengaluru 560055 [Tel (080) 2360-3664 (R) 9900551702 (M); Email arnab@iisc.ac.in]; **Medal:** INSA-Vainu Bappu Memorial (2022); **SC: II.**



**2014: CHOUDHURY, Debajyoti** (b 1964), PhD, Sp: Theoretical High Energy Physics; FASc, FNASc, Professor, Department of Physics and Astrophysics, University of Delhi, New Delhi 110007; *87 Mandakini Enclave, Kalkaji, New Delhi 110019* [Tel, 92-132-11830 (M); Email debchou.physics@gmail.com, debchou@physics.du.ac.in, debajyoti.choudhury@gmail.com]; **SC: II.**



**2015: CHOWDHURY, Abhijit** (b 1959), MD, DM, Sp: Health Sciences: Hepatology; FNASc, Professor & Head, *Department of Hepatology, School of Digestive and Liver Diseases, Institute of Post Graduate Medical Education & Research/ SSKM Hospitals, Ronald Ross Buildings, R No. 13, 244, AJC Bose Road, Kolkata 700020*; CC 502, Ashabari Housing Complex, Baishanab Ghata Patuli Township, Kolkata 700094 [Tel (033) 2204-1323 (O), 2462-5359 (R), 94-330-45435 (M); Fax 2223-6383; Email achowdhury2002@yahoo.co.in]; **SC: IX.**





**2011: CHOWDHURY, Debashish** (*b* 1957), PhD, Sp: Statistical Physics, Biological Physics; FASc, FNASc, JC Bose National Fellow (2013-23), Professor, *Department of Physics*, DIT University, *Dehradun 248009*; C-108, Pacific Hills, *Dehradun 248009* [Tel (0)8853991372; (0)8765174735; Email debchg@gmail.com; Web <https://sites.google.com/site/debchphy/>]; **Medal:** INSA Young Scientist (1989); **Council:** Mem 2020-22; **SC: II.**



**1986: COWSIK, Ramanath** (*b* 1940), PhD, Sp: Astrophysics, Elementary Particles, Cosmology and Gravitation; FASc, FNASc, FTWAS, Foreign Assoc US NAS, James S. McDonnell Professor of Space Sciences, Physics Department and Emeritus Director, *McDonnell Centre for the Space Sciences, Washington University in St. Louis, One Brookings Drive, Campus Box 1105, St Louis, MO 63130, USA*; Distinguished Professor (retd), TIFR [Tel (001-314) 935-4493 (O), 727-5959 (R); Fax (001-314) 935-4134; Email cowsik@physics.wustl.edu]; **Medal:** INSA-Vainu Bappu Memorial (1997), Shanti Swarup Bhatnagar Award in Physical Sciences (1984), Padma Shri (2002), O'Ceallaigh Medal, IUPAP C4 (2009); **Lecture:** JL Nehru Birth Centenary (2002); **Council:** Mem 1994-96; **SC: II.**



**2018: DAMLE, Kedar** (*b* 1970), PhD, Sp: Condensed Matter and Statistical Physics; FASc, Senior Professor, Department of Theoretical Physics, *Tata Institute of Fundamental Research, 1, Homi Bhabha Road, Colaba, Mumbai 400005*; CSRE Quarters, IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2278-2213 (O); Fax 2278-4611; Email kedar@theory.tifr.res.in]; **SC: II.**



**1990: DANI, Shrikrishna Gopalrao** (*b* 1947), PhD, Sp: Ergodic Theory, Lie Groups, Probability Measures on Groups, History of Mathematics; FASc, FNASc, FTWAS, Distinguished Professor, *Centre for Excellence in Basic Sciences, University of Mumbai, Kalina, Mumbai 400098* [Tel (022) 2653-2138 (O), 97-572-82263 (M); Email shrigodani@cbs.ac.in, shrigodani@gmail.com]; **Medal:** INSA Young Scientist (1976), Srinivasa Ramanujan (2010); **Council:** Mem 2006-08; **SC: I.**



**2019: DAS, Amita** (*b* 1965), PhD, Sp: Physics; FASc, FNASc, Professor, *Department of Physics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016* [Tel 98-795-65174 (M); Email amitadas3@yahoo.com]; **SC: II.**

**2017: DAS, Amitava** (*b* 1959), PhD, Sp: Chemistry; FASc, FNASc, FRSC, JC Bose National Fellow, Professor, Department of Chemical Sciences and Dean, Research and Development; Indian Institute of Science Education and Research Kolkata, Mohanpur 741246, West Bengal; formerly Director, *CSIR-Central Salt & Marine Chemicals Research Institute, Bhavnagar* [Tel (033) 6136-0000 (O), 82-752-25356, 94-280-51283 (M); Fax 2334-7425; Email amitava@iiserkol.ac.in, a.das@csmcri.res.in, das.amitava1@gmail.com]; **SC: III.**



**2005: DAS, Bhudev Chandra** (*b* 1948), PhD, Sp: Molecular Cancer & Stem Cell Biology, Tumor Virology and Human Molecular Genetics; FASc, FNASc, FAMS, JC Bose National Fellow, Chairman and Hargobind Khorana Chair Professor, *Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR)* and Dean, *Health & Allied Sciences, Amity University, Sector-125, Noida 201313*; formerly Director, ACBR, University of Delhi and Founder Director, ICPO (ICMR), Noida 201301; 'ANUBHAV', A-10, Sector 56, Noida 201301 [Tel (0120) 458-6855 (O), 427-5392 (R), 98-105-66870, 98-105-37835 (M); Fax 439-2114; Email bcdas@amity.edu, bcdas48@hotmail.com; Web <http://www.amity.edu>]; **SC: IX.**



**1991: DAS, Hirendra Kumar** (*b* 1933), MSc Tech, PhD, DSc, Sp: Biochemistry, Molecular Biology & Recombinant DNA Technology; INSA Emeritus Scientist, formerly Professor and Chairperson, Centre for Biotechnology and formerly Director, Genetic Engineering Unit, JNU, New Delhi; *B-9/6324, Vasant Kunj, New Delhi 110070* [Tel 9810238879 (R); Email hirendas@hotmail.com]; INSA Honorary Scientist (2010-15); **SC: VIII.**



**2007: DAS, Pijush Kanti** (*b* 1952), PhD, Sp: Biochemistry, Cell Biology, Molecular Parasitology; FASc, FNASc, INSA Senior Scientist, *CSIR-Indian Institute of Chemical Biology, 4 Raja SC Mullick Road, Jadavpur, Kolkata 700032* and Adjunct Professor, *Department of Biophysics, Molecular Biology and Bioinformatics, Calcutta University, Kolkata 700009*; 35 Justice Chandra Madhab Road, Kolkata 700020 [Tel (033) 2473-3491 (O), 4003-6221 (R); Email pijush52@gmail.com, pijushdas@iicb.res.in]; **Medal:** JC Bose (2013); **Lecture:** Professor Vishwa Nath Memorial (2012); **SC: VIII.**



**2014: DAS, Pradeep** (*b* 1956), PhD, Sp: Medical Biotechnology and Molecular Parasitology; FNASc, FAMS, JC Bose National Fellow, ICMR-Emeritus Scientist, *ICMR-NICED, Kolkata, CIT Road-Scheme XM, Beliaghata Kolkata 700010*, Former Director, *Rajendra Memorial Research Institute of Medical Sciences, Agam Kuan, Patna 800007* & Project Director, *NIPER, Hajipur* [Tel (033) 235-37469 (O), 94-310-12380 (M); Fax 91-33-2363, 2370-5066; Email drpradeep.das@gmail.com]; **SC: IX.**



**2001: DAS, Premananda** (*b* 1942), PhD, DSc, DSc (*hc*), Sp: Biotechnology of Woody Plants & Horticultural Crops; FNASc, FNAAS, Chairman & Director, *The Science Foundation for Tribal and Rural Resource Development, C-122 (HIG), State Housing Board Colony, Baramunda, Bhubaneswar 751003* [Tel (0674) 235-5505 (O), 235-5970 (R), 94-370-07970 (M); Email profpdas@gmail.com, profpdas@sfttrd.org, sfttrd@gmail.com; Web [www.profpremanandadas.in](http://www.profpremanandadas.in), [www.sfttrd.org](http://www.sfttrd.org)]; **SC: X.**





**2023: DAS, Samar Kumar** (*b* 1963), PhD, Sp: Inorganic Chemistry, FASc, FNASc, Professor, *School of Chemistry, University of Hyderabad, Hyderabad, Telangana 500046*; Village – Madla; P.O. – Dhabani (via – Beliatore), Dist.- Bankura, West Bengal 722203 [Tel (0091) 040-2313-4853 (O); 99-594-25259 (M); Email skdas@uohyd.ac.in]; **SC: III.**



**2009: DAS, Sampa** (*b* 1951), PhD, Sp: Plant Molecular Biology, Plant Biotechnology; Ex-INSA Senior Scientist, *Division of Plant Biology, Bose Institute, P-1/12, CIT Scheme, VII (M), Kolkata 700054*; A13 Cluster 14, Purbachal Housing Estate, Salt Lake, Kolkata 700097 [Tel (033) 2569-3251 (O), 2335-9393 (R); Fax 2335-3886; Email sampa@jbose.ac.in, sampadpb@gmail.com]; **SC: VII.**



**2012: DAS, Saumitra** (*b* 1962), PhD, Sp: Molecular Virology and Molecular Biology; FASc, FNASc, Professor, *Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru 560012*; NE 301, New Housing Colony, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2886 (O), 94-484-79632 (M); Fax 2360-2697; Email sdas@iisc.ac.in]; **Lecture: Dr MR Das Memorial (2011); SC: VIII.**



**2017: DAS, Shankar Prasad** (*b* 1959), PhD, Sp: Theoretical Condensed Matter Physics, Statistical Physics; FASc, FNASc, JC Bose National Fellow, Professor of Physics, *School of Physical Sciences, Jawaharlal Nehru University, New Delhi 110067*; 6229, Sector B, Pocket 9, Vasant Kunj, New Delhi 110070 [Tel (011) 2673-8768 (O), 4039-1050 (R), 98-996-74943 (M); Fax 2674-2580; Email shankar@jnu.ac.in, spd@uchicago.edu; Web <https://www.jnu.ac.in/Faculty/shankar/>]; **SC: II.**



**2011: DAS, Suresh** (*b* 1955), PhD, Sp: Photochemistry, Photophysics, Liquid Crystals, Organic Functional Materials, Photoresponsive Materials, NIR Absorbing Dyes, Dye Sensitized Solar Cells; FASc, *CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram 695019* [Tel (0471) 249-0324, 251-5226 (O), 254-4309 (R); Fax 249-1712; Email sureshdas@niist.res.in, sureshdas55@gmail.com]; **SC: III.**



**1985: DASANNACHARYA, Balebail Anantha** (*b* 1937), PhD, Sp: Condensed Matter Physics, Neutron and X-ray Scattering; FASc, formerly Director, Inter-University Consortium for DAE Facilities, Indore and Director, Solid State & Spectroscopy Group and Multi Disciplinary Technology Group, BARC, Mumbai; *Flat 4, Beach Resort Cooperative Housing Society, Plot 1, Sector 10A, Vashi, Navi Mumbai 400703* [Tel 98-690-24550 (M); Email adasannacharya@gmail.com]; **Medal: HJ Bhabha (1999); Council: Mem 2000-02; SC: II.**



**2003: DASGUPTA, Chanchal Kumar** (*b* 1945), PhD, Sp: Biochemistry and Biophysics; FASc, FNASc, *EE-72/2, Salt Lake, Kolkata 700091* [Tel 90-078-89857 (M); Email chanchaldg2000@yahoo.com]; INSA Senior Scientist (2013-15); **Council: Ad Mem 2005-13; SC: VIII.**

**2000: DASGUPTA, Chandan** (*b* 1951), PhD, Sp: Theoretical Condensed Matter Physics and Statistical Mechanics; FASc, FNASc, FTWAS, SERB Distinguished Fellow, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; Flat No.7, 55/1, 4th Main Road, Malleswaram, Bengaluru 560055 [Tel (080) 2360-3924 (O), 2334-5417 (R); Fax 2360-2602, 2360-0683; Email [cdgupta@iisc.ac.in](mailto:cdgupta@iisc.ac.in)]; **Medal:** SN Bose (2018); **SC: II.**



**2014: DASGUPTA, Indranil** (*b* 1958), PhD, Sp: Plant Viruses and Plant-Virus Interactions; Ph.D., F.N.A.Sc., F.A.Sc., F.N.A., INSA Senior Scientist, *Department of Plant Molecular Biology, University of Delhi, South Campus, Benito Juarez Road, New Delhi 110021*; A-401, Prabha Apartments, Sector-23, Plot-11, Dwarka, New Delhi 110077 [Tel 99-103-34110 (M); Fax 2411-5270; Email [indranil58@yahoo.co.in](mailto:indranil58@yahoo.co.in)]; **SC: X.**



**2019: DASGUPTA, Maitrayee** (*b* 1959), PhD, Sp: Symbiotic Nitrogen Fixation; FNASc, FASc, Professor, *Department of Biochemistry, Calcutta University, Ballygunge Science College, 35 Ballygunge Circular Road, Kolkata 700019*; Tower 3, 10/2, Ruchira Residency, 369 Purbachal, Kalitala Main Road, Kolkata 700078 [Tel (033) 2461-4714 (O), 2484-3966 (R), 98-307-76131 (M); Fax 2461-4849; Email [maitrayee\\_d@hotmail.com](mailto:maitrayee_d@hotmail.com)]; **SC: VII.**



**1999: DASGUPTA, Somnath** (*b* 1951) PhD, Sp: Metamorphic Petrology, Geochemistry, Precambrian Geology; FASc, FNASc, FTWAS, INSA Senior Scientist, *Geological Studies Unit, Indian Statistical Institute, 203 BT Road, Kolkata 700108*; [Tel (033) 2423-8057 (R), 98-311-67145 (M); Email [somnathdasg@gmail.com](mailto:somnathdasg@gmail.com)]; **Award:** INSA Teachers Award (2014); **Medal:** DN Wadia (2018); **Council:** Mem 2009-11; **SC: IV.**



**2013: DASH, Debabrata** (*b* 1958), MBBS, MD, PhD, DSc, Sp: Biochemistry, Thrombus/Platelet Biology, Translational Nanomedicine; FASc, FNASc, FAMS, JC Bose National Fellow, Tata Innovation Fellow, Professor, *Department of Biochemistry, Institute of Medical Sciences, Banaras Hindu University, Varanasi 221005*; 19, Old Medical Enclave, Banaras Hindu University, Varanasi 221005 [Tel (0542) 236-9300, 298-5806 (R), 93-369-10665, 96-709-57414 (M); Fax 236-7568; Email [ddash.biochem@gmail.com](mailto:ddash.biochem@gmail.com)]; **Lecture:** Dr Y SubbaRow Memorial (2020); **SC: IX.**



**2023: DASIKA, Nagesh Kumar** (*b* 1963), PhD, Sp: Civil Engineering; FASc, FNASc, Professor, *Department of Civil Engineering Indian Institute of Science Bangalore 560 012, India* [Tel (080) 2293-2666 (O); 2360 0404; [nagesh@iisc.ac.in](mailto:nagesh@iisc.ac.in)]; **SC: IV.**

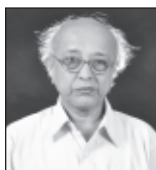


**1979: DASS, Chunchinkatte Melkote Srinivas** (*b* 1926), PhD (Mysore & Wisconsin), Sp: Cell Biology-Cellular Ultrastructure & Function, Silk Worm Pathology; formerly Professor & Head, Department of Zoology, University of Delhi, Delhi; *122/23 VII B Main Road, 4th Block, Jayanagar Extn., Bengaluru 560011* [Tel (0812) 2653-3014 (R), 99-003-29588 (M); Email [chunchinkatte@gmail.com](mailto:chunchinkatte@gmail.com)]; **Medal:** SL Hora (1990); **SC: VII.**





**2005: DATTA, Alok Kumar** (b 1946), PhD, Sp: Enzymology, Molecular Biology, Parasitology; FASc, *CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; formerly Director Grade Scientist and Head, Division of Structural Biology & Bioinformatics; Calcutta Greens (HIG-A 4/7/28), 1050/2, Survey Park, Santoshpur, Kolkata 700075 [Tel (033) 2499-5734 (O), 2416-2995 (R), 98-360-12725 (M); Email mail\_alokd@yahoo.co.in]; INSA Senior Scientist (2012-15); **SC: VIII.**



**2004: DATTA, Amitava** (b 1948), PhD, Sp: Particle Physics; *34 B, Raja Ram Mohan Sarani, Kolkata 700009* [Tel 93-310-83440 (M); Email adatta\_ju@yahoo.co.in]; INSA Senior Scientist (2013-16, 2018-19); **SC: II.**



**1988: DATTA, Asis** (b 1944), PhD, DSc, Sp: Biochemistry, Molecular Biology & Genetic Engineering; FASc, FNASc, FTWAS, Distinguished Scientist, National Institute of Plant Genome Research (NIPGR), New Delhi 110067; formerly Founder Director and Professor of Eminence, NIPGR and VC, JNU, New Delhi; *House No. 182, The National Media Centre, Shankar Chowk, Gurugram 122001, Haryana* [Tel (011) 2674-2750, 2673-5119 (O); Fax 2674-1759, 2674-1658; Email asis\_datta@nipgr.ac.in, asis\_datta@rediffmail.com, asisdatta@hotmail.com]; **Lecture:** Dr Nitya Anand Endowment (1993), JL Nehru Birth Centenary (1999), BN Chopra (2004); **Council:** Ad Mem 1997; Mem 2002-04; **SC: VIII.**



**1994: DATTA, Kasturi** (b 1943), PhD, Sp: Biotechnology, Molecular & Cell Biology; FASc, FNASc, FTWAS, DBT-Distinguished Biotechnology Professor, School of Environmental Sciences & Adjunct Professor Special Centre for Molecular Medicine; formerly Professor & Dean, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110067; *H.No. 182, National Media Centre Cooperative House Building Society Ltd., Shankar Chowk, Gurugram 122001* [Tel (011) 2670-4327 (O), (0124) 420-5590 (R), 98-103-26590 (M); Fax (011) 2674-1502, 2674-1586; Email kdatta@mail.jnu.ac.in, datta\_k@hotmail.com; Web www.jnu.ac.in/faculty/kdata]; **Lecture:** Professor MRN Prasad Memorial (2001); Professor Darshan Ranganathan Memorial (2003); **Council:** Mem 1999-2001; **SC: VII.**



**2014: DATTA, Swapan Kumar** (b 1953), PhD, Sp: Plant Biotechnology; FASc, FNASc, FNAAS, FTWAS, Former Vice Chancellor, *Biswa Bangla Biswabidyalay, Bolpur, WB; Visva-Bharati University, Santiniketan 731235*; Rashbehari Ghosh Chair Professor, Botany Department, University of Calcutta; Udita-02-0302, 1050/1 Survey Park, Kolkata 700075 [Tel 87-686-44777 (M); Email swpndatta@yahoo.com; dattaswapan1953@gmail.com]; **Lecture:** Professor Panchanan Maheshwari Memorial (2006); B.P. Pal Memorial (2023); **SC: X.**



**1980: DATTA MUNSHI, Jyoti Swarup** (b 1930), PhD, Sp: Fish & Fisheries, Ecology & Cell Biology; FNASc, formerly Professor and Head, PG Department of Zoology, TM Bhagalpur Univ, Bhagalpur 812007; *P-124-A, Usha Park, Kolkata 700084* [Tel (033) 2410-2641 (R); Email jsmunshi@yahoo.co.in]; **Medal:** Chandrakala Hora Memorial (1992); INSA Senior Scientist (1996-2000); **Council:** Mem 1982-83; **SC: VI.**



**1994: DATTAGUPTA, Sushanta** (b 1947), PhD, Sp: Structure and Dynamics of Condensed Matter; FASc, FNASc, FTWAS, INSA Honorary Scientist, formerly Vice-Chancellor, Visva-Bharati, Santiniketan; formerly Professor & Director, IISER, Kolkata; formerly Director, SN Bose Centre, Kolkata and formerly JC Bose National Fellow, DST; “*Shantineer*”, *Rabindrapally, Bolpur M. Birbhum, Santiniketan 731235*; [Tel 94-330-13858, 98-318-42858 (M); Email sushantad@gmail.com]; **Medal:** INSA Young Scientist (1977), CV Raman (2010); **Council:** F Sec 1998-99, VP 2000; **SC: II.**



**2024: DAVID, Justin Raj** (b 1969), PhD, Sp: String Theory, Theoretical High Energy Physics, FASc, FNASc, Professor, *Centre for High Energy Physics, Indian Institute of Science Bangalore 560012*; A-602, Sterling Residency, 5th Main, RMV 2nd stage, Bangalore 560094; [Tel (080) 2293-9146 (O), 97-400-91236 (M); Email justin@iisc.ac.in]; **SC: II.**



**2024: DAYA SAGAR, Behara Seshadri** (b 1967), PhD, Sp: Remote Sensing & Geosciences, Mathematical Earth Sciences, Geographical Information Sciences, Professor (HAG) & Head, *Indian Statistical Institute - Bangalore Centre; Systems Science and Informatics Unit, Indian Statistical Institute, Bangalore 560059*; [Tel (080) 2698-5540 (O), 98-808-93291 (M); Email bsdsagar@isibang.ac.in]; **SC: IV.**



**2024: DE, Swades** (b 1969), PhD, Sp: Communication Networks, FNASc, FNAE, Professor, *Department of Electrical Engineering, IIT Delhi, Hauz Khas, New Delhi 110016*; 31, Vikramshila Apartments, IIT Delhi, Hauz Khas New Delhi 110 0016; [Tel (011) 2659-1042 (O), 91-995-832-5145 (M); Email swadesd@ee.iitd.ac.in]; **SC: V.**



**1987: DEB, Bidyendu Mohan** (b 1942), DPhil (Oxon), Sp: Theoretical Chemistry, Chemical Physics, Indian Culture and Civilization; FASc, FTWAS, formerly INSA Honorary Scientist, Visva-Bharati University, Santiniketan, West Bengal; formerly ISRO Vikram Sarabhai Research Professor, JNCASR, Bengaluru; Adjunct Professor, Indian Institute of Science Education & Research, Kolkata; *48/29 Swiss Park, Ground Floor, Kolkata 700033* [Tel 98-307-99629 (M); Email bmdeb@yahoo.co.in]; **Medal:** Professor Mihir Chowdhury Memorial (2019); **Lecture:** Professor Sadhan Basu Memorial (1999); INSA Senior Scientist (2013-17); **SC: III.**



**2011: DEB, Kalyanmoy** (b 1962), PhD, Sp: Optimization and Evolutionary Computation; FASc, FNASc, FNAE, Professor, *Department of Electrical and Computer Engineering, Michigan State University, 428 S. Shaw Lane, 2120 EB, East Lansing, MI 48824, USA*; 4288 Indian Glen, Okemos, MI 48864, USA [Tel (+1) 517-432-2144 (O), 517-930-0846 (M); Fax 517-353-1980; Email kdeb@egr.msu.edu]; **Lecture:** Sir JC Bose Memorial (2016); **SC: V.**



**2002: DEB, Mihir** (b 1945), PhD, Sp: Ore Geology and Geochemistry, Precambrian Geology, Mining Environment & Sustainable Development; formerly Professor and Head, Department of Geology and Director, School of Environmental Studies, University of Delhi, Delhi; *Sector C-1, Flat # 1157, Vasant Kunj, New Delhi 110070* [Tel (011) 2613-1157 (R), 98-103-33889 (M); Email mihirdeb@gmail.com]; INSA Senior Scientist (2010-14); **SC: IV.**





**1985: DEEKSHATULU, Bulusu Lakshmana** (*b* 1936), ME, PhD, Sp: Image Processing, Remote Sensing, Control Systems; FASc, FNASc, FNAE, FTWAS, FNAAS, FIEEE, Former Distinguished Fellow IDRBT (RBI-Govt. of India) Hyderabad; Distinguished Scientist & Director, NRSA, Hyderabad; Director, CSSTEAP (UN), Dehradun; 10-3-123/3, East Maredpalay, Secunderabad 500026, Telangana [Tel (040) 2773-2423 (R), 99-084-99081 (M); Email deekshatulu@hotmail.com]; **Medal:** Professor Brahm Prakash Memorial (1992); **SC: V.**



**1974: DEO, Madhav Gajanan** (*b* 1932), MD, PhD, Sp: Pathology, Oncology, Molecular Medicine; FASc, FAMS, President, Moving Academy of Medicine and Biomedicine, Pune 411052; formerly Director, Cancer Research Institute, Mumbai; C-13, Kubera Gulshan Apartments, DP Road, Aundh, Pune 411007 [Tel (020) 2729-5354 (O), 2589-3128 (R), 99-224-03266 (M); Email deo.madhav@gmail.com, mgdmamb@gmail.com]; **Lecture:** BC Guha Memorial (1978); **Visiting Fellowship:** JL Nehru Birth Centenary (1993); INSA Senior Scientist (2014-16), INSA Honorary Scientist (2017-19); **Council:** Sec 1977-80; **SC: IX.**



**2005: DESAI, Uday Babulal** (*b* 1951), PhD, Sp: Wireless Communication, Cyber Physical Systems, Internet of Things (IoT), Signal and Image Processing, Artificial Intelligence; Former Director *Indian Institute of Technology Hyderabad, Kandi, Sangareddy 502284, Telangana, Vice-President INAE,* [Tel 9491040801 (M); Email ubdesai@gmail.com]; **Council:** Ad Mem 2017; **SC: V.**



**2024: DESHMUKH, Mandar Madhukar** (*b* 1974), PhD, Sp: Condensed Matter Physics & Materials Science, Professor, *Tata Institute of Fundamental Research, 1, Homi Bhabha Road, Mumbai 400005, Maharashtra, 76, 2M/1, Japonica C, Aditya Garden City Warje, Maharashtra 4111058; B243 Aravali Hillside IIT Powai, Mumbai 400076;* [Tel (022) 2278-2829-2000 Ext. 2829 (O), 91-932-634-6154 (M); Email deshmkh@tifr.resi.in, mandar.m.deshmkh@gmail.com]; **SC: II.**



**2001: DESIRAJU, Gautam Radhakrishna** (*b* 1952), PhD, Sp: Crystal Engineering; FASc, FNASc, FTWAS, Honorary Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2293-3311 (O); Email gdesiraju@iisc.ac.in]; **Council:** Mem 2006-08; **SC: III.**



**2007: DEY, Chinmoy Sankar** (*b* 1961), PhD, Sp: Cell Biology, Molecular Biology, Insulin Signaling, Diabetes, Drug Resistance in Leishmania; JC Bose National Fellow, Visiting Scientist, Diabetes Research Foundation, Madras; Adjunct Faculty, Institute of Life Sciences, Hyderabad; Professor, *School of Biological Sciences, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016* [Tel (011) 2659-7523 (O), 2659-1808 (R), 95-602-79888 (M); Fax 2659-7530; Email csdey@bioschool.iitd.ac.in; Web www.iitd.ac.in]; **SC: IX.**



**2016: DEY, Gautam Kumar** (*b* 1957), PhD, Sp: Development of Zirconium, Niobium and Nickel Based Alloys, Amorphous Alloys, Electron Microscopy, Joining of Materials; FNAE, FASc, FNASI, FEMSI, FAPAM, Distinguished Scientist, Former Director, Materials Group and Head, *Materials Science Division, BARC; Former Professor & Dean-Academic (Engg. Sciences), BARC for Homi Bhabha National Institute, Trombay, Mumbai 400085; C 704 Cielo, Lodha Splendor, Bhayanderpara, Ghorbunder Road, Thane (West) 400615* Tel (R), 022 4970 9364, Mobile 9920197258; Email: gautam\_k\_dey@yahoo.com; **Medal:** INSA Young Scientist (1989); **SC: V.**

**2018: DEY, Subhasish** (*b* 1958), PhD, Sp: Applied Hydrodynamics, Turbulence, Fluvial Hydrodynamics; FASc, FNASc, FNAE, JC Bose National Fellow, Professor, *Department of Civil and Infrastructure Engineering, Indian Institute of Technology Jodhpur, Jodhpur 342030; Quarters No. 4512 (type B), Indian Institute of Technology Jodhpur, Jodhpur 342030* [Tel (0291) 280-1667 (O), 94-347-13850 (M); Email [subhasish@iitj.ac.in](mailto:subhasish@iitj.ac.in); Web [https://iitj.ac.in/departement/index.php?dept=civil&id=faculty\\_members](https://iitj.ac.in/departement/index.php?dept=civil&id=faculty_members)]; **SC: V.**



**2021: DHAR, Abhishek** (*b* 1970), PhD, Sp: Statistical Physics; FASc, FNASc, Professor (I), *International Centre for Theoretical Sciences, TIFR, Survey No. 151, Shivakote, Hesaraqhatta Hobli, Bengaluru 560089; 3051 Prestige Wellington Park, IAF Main Road, Jalahalli, Bengaluru 560013* [Tel (080) 4653-6270 (O), 91-641-83540 (M); Fax 4653-6002; Email [abhishek.dhar@icts.res.in](mailto:abhishek.dhar@icts.res.in)]; **SC: II.**



**1995: DHAR, Deepak** (*b* 1951), PhD (CIT, USA), Sp: Statistical Physics; FASc, FNASc, FTWAS, Distinguished Emeritus Professor, *Department of Physics, Indian Institute of Science Education and Research, Dr. Homi Bhabha Road, Pashan, Pune 411008; A904, Faculty Apartments, IISER, Dr. Homi Bhabha Road, Pashan, Pune 411008* [Tel (020) 2590-8455 (O), 2590-8458 (R); Email [deepak@iiserpune.ac.in](mailto:deepak@iiserpune.ac.in), [deepakdhar1951@gmail.com](mailto:deepakdhar1951@gmail.com)]; **Medal: INSA Young Scientist (1983); SN Bose (2001); SC: II.**



**2016: DHAR, Suman Kumar** (*b* 1968), PhD, Sp: Biochemistry, Molecular Biology, Cell Biology, Parasitology; FNASc, Professor, *Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi 110067; 596 Tower D, Pashchimabad, JNU, New Delhi 110067* [Tel (011) 2674-2572, 2673-8774 (O), 2674-2476 (R), 98-100-18272 (M); Fax 2674-1781; Email [skdhar@mail.jnu.ac.in](mailto:skdhar@mail.jnu.ac.in), [skdhar2002@yahoo.co.in](mailto:skdhar2002@yahoo.co.in)]; **SC: VIII.**



**2020: DHAWAN, Jyotsna** (*b* 1959), PhD, Sp: Biology of Quiescent Adult Stem Cells; Emeritus Scientist, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007; formerly Chief Scientist and Group Leader, CSIR-CCMB and Professor, AcSIR; former Dean, DBT Institute for Stem Cell Science and Regenerative Medicine, Bengaluru; Indu Aranya Pallavi Apts, Block C2, Apt 201, Nagole Tattianaram Road, GSI Post, Nagole, Hyderabad 500068* [Tel (040) 2719-2544 (O), 96-200-16632 (M); Fax 2716-0591; Email [jdhawan@ccmb.res.in](mailto:jdhawan@ccmb.res.in), [jdhawan@instem.res.in](mailto:jdhawan@instem.res.in), [jyotsna.dhawan@gmail.com](mailto:jyotsna.dhawan@gmail.com)]; **SC: VII.**



**2000: DHILLON, Baldev Singh** (*b* 1947), PhD, Sp: Agricultural Sciences-Genetics; Former Vice-Chancellor, *Punjab Agricultural University, Ludbiana 141004; Villa 27, Sector 106 (EMAAR), Mohali 140306* [Tel (0160) 296-9165 (R), 98-728-71033 (M); Email [dhillonbaldevsingh@gmail.com](mailto:dhillonbaldevsingh@gmail.com)]; **Council: Mem 2007; SC: X.**



**2022: DHURANDHAR, Sanjeev Vishnu** (*b* 1951), PhD, Sp: Gravitational Waves and General Relativity; FASc, FNASc, Emeritus Professor, *Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune 411007; Flat no. 903, Terraza Building, Near Medi-Point Hospital, Survey no. 244/1, Baner, Pune 411 045* [Tel (020) 2560-4123 (O), 83-082-00987 (M); Email [sanjeev@iucaa.in](mailto:sanjeev@iucaa.in)]; **SC: II.**



**2015: DIGHE, Amol** (*b* 1970), PhD, Sp: High Energy Physics; FASc, Senior Professor I, *Department of Theoretical Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005; 303 Bhaskara, TIFR Colony, Homi Bhabha Road, Colaba, Mumbai 400005* [Tel (022) 2278-2423 (O), 99-673-96593 (M); Email [amol@theory.tifr.res.in](mailto:amol@theory.tifr.res.in)]; **SC: II.**





**2011: DIGHE, Rajan R** (*b* 1951), PhD, Sp: Molecular Endocrinology, Reproductive Biology, Biotechnology; FASc, FNASc, JC Bose National Fellow, INSA Senior Scientist, *Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bengaluru 560012*; Anriya Dwellington, Apt 5302, RMV stage II, Lottegollahalli, Bengaluru 560094 [Tel (080) 2293-3261 (O), 2366-3313 (R), 99-019-03513 (M); Fax 2360-0999; Email rdighe@alumni.iisc.ac.in, digherr@gmail.com]; **SC: VII.**



**2016: DIKSHIT, Kanak Lata** (*b* 1951), PhD, Sp: Molecular Biology, Biochemistry; FNASc, INSA Senior Scientist, Department of Biotechnology, Panjab University, Chandigarh & former Chief Scientist, CSIR-Institute of Microbial Technology, Sector 39A, Chandigarh 160036; *H No. 1524, PUSHPAC Complex, Sector 49B, Chandigarh 160047* [Tel (0172) 267-8524 (O), 99-150-07784 (M); Email kanakdikshit@pu.ac.in, kanakdikshit@gmail.com]; **SC: VIII.**



**2013: DIKSHIT, Madhu** (*b* 1957), PhD, Sp: Molecular Pharmacology; FASc, FNASc, FAMS, JC Bose National Fellow, CSIR-Central Drug Research Institute, Lucknow; Former THSTI National Chair, *NCR Biotech Science Cluster, 3rd Milestone, Faridabad – Gurgaon Expressway, Faridabad, Haryana 121001*; Former Visiting Professor, IIT Jodhpur; Former Director, CSIR-Central Drug Research Institute, Lucknow; C-95, Sector-M, Aliganj, Lucknow 226024 [Tel 94-151-11766, 63-937-82190 (M); Email madhudikshit@yahoo.com]; **Medal:** INSA Young Scientist (1989); Professor KP Bhargava Memorial (1999); **Lecture:** Professor Darshan Ranganathan Memorial (2013), DS Kothari Memorial (2020); **Council:** Mem 2017-19; VP 2023-; **SC: VIII.**



**2005: DILEEP KUMAR, Maripi** (*b* 1954), PhD, Sp: Oceanography, Biogeochemistry; FASc, FNASc, JC Bose National Fellow, *500/22/F2, Sagar Ratna Hsg Society, Filomena Hsg. Colony, Alto-Santa Cruz, Bambolim P.O., Goa 403202* [Tel 94-044-34053 (M); Email damspp@gmail.com]; **SC: IV.**



**2024: DIMRI, Ashok Priyadarshan** (*b* 1970), PhD, Sp: Atmospheric & Climate Sciences, FNASc, Director, *Indian Institute of Geomagnetism, New Panvel (W), Navi Mumbai 410218*, Moos Tamba Bangla, Indian Institute of Geomagnetism, Colaba 400500 1058; [Tel (022) 2748-0763 (O), 91-995-815-4360 (M); Fax-(022) 274-80762; Email apdimri@hotmail.com]; **SC: IV.**



**2002: DIMRI, Vijay Prasad** (*b* 1948), PhD, Sp: Geophysics, Inversion, Fractals and Signal Processing; FNASc, FTWAS, AcSIR Distinguished Professor, formerly Director and Distinguished Scientist, *CSIR-National Geophysical Research Institute, Uppal Road, Hyderabad 500007* [Tel (040) 2701-2337 (O), 77-990-43000 (M); Fax 2343-4651; Email vpdimri@gmail.com]; **Medal:** Professor K Naha Memorial (2016); INSA Senior Scientist (2013-16); **Council:** Mem 2004-06; **SC: IV.**



**1997: DOGRA, Sneha Kumar** (*b* 1942), PhD, Sp: Physical Chemistry & Photochemistry; FNASc, formerly Dean Academic Affairs, IISER-Bhopal, Professor & Head, Department of Chemistry, IIT Kanpur, Kanpur 208016; *B-101, Mangal Apartments, 16-Vasundhara Enclave, Delhi 110096* [Tel (011) 2262-2182 (R), 98-187-91143 (M); Email skdogra@iitk.ac.in; Web <http://www.iitk.ac.in/chm/skd.html>]; **Medal:** Professor TR Seshadri 70th Birthday Commemoration (2006); INSA Honorary Scientist (2011-15); **SC: III.**

**2014: DUBE, Anuradha** (b 1955), PhD, Sp: Medical Parasitology (Leishmaniasis); INSA Emeritus Scientist and JC Bose National Fellow, formerly Chief Scientist (Scientist G), *Division of Molecular Parasitology and Immunology, CSIR-Central Drug Research Institute, New Campus, BS 10/1, Jankipuram Extension, Lucknow 226031*; B2/M91, SBI Colony, Sector B, Janakipuram, Lucknow 226021 [Tel (0522) 277-1940, 277-1960, 296-1202 Ext 4533 (O), 94-509-31332, 94-151-04918 (M); Fax 277-1941; Email [anuradha\\_dube@hotmail.com](mailto:anuradha_dube@hotmail.com), [a\\_dube@cdri.res.in](mailto:a_dube@cdri.res.in), [anuradhadube@gmail.com](mailto:anuradhadube@gmail.com)]; **Medal:** Professor BS Trivedi Memorial (2020); INSA Senior Scientist (2016-18); **SC: IX.**



**2014: DURGA RAO, Chilakalapudi** (b 1950), PhD, Sp: Virology, Cell and Molecular Biology, Biotechnology; FNASc, Professor & Dean, *School of Liberal Arts & Basic Sciences, Department of Biology, SRM University, Mangalagiri Mandal Guntur Dist., Neerukonda, Amaravati 522502, Andhra Pradesh* [Tel (080) 2360-7945 (R), 98-808-82052 (M); Email [cdrmcbb@gmail.com](mailto:cdrmcbb@gmail.com), [durgarao.c@srmmap.edu.in](mailto:durgarao.c@srmmap.edu.in), [dean.slabs@srmmap.edu.in](mailto:dean.slabs@srmmap.edu.in)]; INSA Senior Scientist (2016-19); **SC: VIII.**



**2015: DUTTA, Pradip** (b 1960), PhD, Sp: Mechanical Engineering (Heat Transfer, Energy Sciences); FASc, FNASc, FNAE, Professor, *Department of Mechanical Engineering, Indian Institute of Science, Bengaluru 560012*; Flat No. 52043, Prestige Falcon City, Anjanadri Layout, Konanakunte Cross, Kanakapura Road, Bengaluru 560062 [Tel (080) 2293-3225, 2293-3521 (O), (080) 4165-7179 (R), 98450-10520 (M); Fax 2360-4536; Email [pradip@iisc.ac.in](mailto:pradip@iisc.ac.in)]; **SC: V.**



**1983: DUTTA ROY, Suhash Chandra** (b 1937), DPhil, Sp: Circuits, Systems & Signal Processing; FASc, FNASc, FNAE, INSA Emeritus Scientist; *4, New Campus, IIT Delhi, New Delhi 110016* [Tel 98-714-70136 (M); Email [s.c.dutta.roy@gmail.com](mailto:s.c.dutta.roy@gmail.com)]; **Medal:** SH Zaheer (1992); **Lecture:** Dr GP Chatterjee Memorial (2009); INSA Honorary Scientist (2007-15); **Council:** Ad Mem 2009; **SC: V.**



**1989: EASWARAN, Kalpathy Ramaier Katchap** (b 1939), PhD, Sp: Molecular Biophysics; Membrane Biophysics, Structural Biology; FASc, Emeritus Professor, *Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560012*; Aishwarya, 521 RMV Extension, 2nd Main, II Stage, 3rd Block, Bengaluru 560094 [Tel (080) 2293-2713 (O), 2341-5221 (R), 90-030-36231, 99-866-22397 (M); Fax 2360-0535; Email [krk\\_easwaran@yahoo.com](mailto:krk_easwaran@yahoo.com), [kalpathy.eswaran@gmail.com](mailto:kalpathy.eswaran@gmail.com)]; INSA Honorary Scientist (2010-15); **SC: VIII.**



**2022: EHTESHAM, Nasreen Zafar** (b 1959), PhD, Sp: Biomedical Sciences; FNASc, ICMR-Emeritus Scientist, *National Institute of Pathology, Safdarjung Hospital Campus, New Delhi 110029*; D12 Second Floor, Saket, New Delhi 110017 [Tel 88-263-77433 (M); Fax 2619-8401; Email [nzehtesham@gmail.com](mailto:nzehtesham@gmail.com)]; **SC: IX.**



**1993: GADAGKAR, Raghavendra** (b 1953), PhD, DSc (*hc*), Sp: Animal Behaviour, Ecology & Evolution; FASc, FNASc, FTWAS, International Member, US NAS, Member, German National Academy of Sciences, Leopoldina, Foreign Honorary Member, American Academy of Arts & Sciences; Senior Fellow, Zukunftscolleg, University of Konstanz, Germany. DST Year of Science Chair Professor, *Centre for Ecological Sciences, Indian Institute of Science, Bengaluru 560012*; Founder President, Indian Society of Evolutionary Biologists (ISEB); Former Chairman, Centre for Contemporary Studies, IISc, Bengaluru; Honorary Professor, JNCASR-Bengaluru and IISER-Mohali; 3082, Cornwall, Prestige Kensington Gardens, 17, HMT Main Road, Jalahalli, Bengaluru 560013 [Tel (080) 2293-2340 (O), 4302 2022 (R); Email: [ragh@iisc.ac.in](mailto:ragh@iisc.ac.in); Web <https://sites.google.com/view/raghavendragadagkar>, [https://www.researchgate.net/profile/Raghavendra\\_Gadagkar](https://www.researchgate.net/profile/Raghavendra_Gadagkar)]; Professorship: INSA-SN Bose Research Professor (2010-14); **Medal:** INSA Young Scientist (1985); **Lecture:** Etienne Wolf-Ramanujan (2015); Visiting Fellowship: JL Nehru Birth Centenary (2007); **Council:** VP 2003-05, Pres 2014-16; **SC: VI.**





**1984: GADGIL, Madhav Dhananjaya** (*b* 1942), PhD (Harvard), Sp: Ecology, Environment & Development; FASc, FNASc, FTWAS, Foreign Member US NAS, *A-18 Spring Flowers, Panchavati, Pashan, Pune 411008* [Tel (020) 2589-3424 (R), 98-811-53413 (M); Email [madhav.gadgil@gmail.com](mailto:madhav.gadgil@gmail.com)]; **Medal:** Golden Jubilee Commemoration (Animal Sc) (2015); **SC: VI.**



**1995: GADGIL, Sulochana** (*b* 1944), PhD, Sp: Atmospheric and Oceanic Science, Evolutionary Biology; FASc, *A18, Spring Flowers, Panchavati, Pashan, Pune 411008* [Tel (020) 2589-3424 (R); Email [sulugadgil@gmail.com](mailto:sulugadgil@gmail.com)]; **Medal:** KR Ramanathan (2017); **SC: IV.**



**2023: GADIYARA CHAKRAPANI, Anupama** (*b* 1961), PhD, Sp: Astronomy & Astrophysics, FNASc, FASc, INSA Senior Scientist, Former Dean and Senior Professor (retired), *Indian Institute of Astrophysics, II Block Koramangala, Bengaluru 560034; A802 Vaishnavi Splendour, 6th Cross 80ft Road, RMV II Stage, Bengaluru 560094* [Tel +91-98-450-44770 (M); Email [gca@iiap.res.in/anupamagadiyara@gmail.com](mailto:gca@iiap.res.in/anupamagadiyara@gmail.com)]; **SC: II.**



**1996: GADRE, Shridhar Ramchandra** (*b* 1950), PhD, Sp: Theoretical and Computational Chemistry; FASc, Honorary Distinguished Professor and INSA Senior Scientist, *Departments of Chemistry and Scientific Computing, Modelling and Simulation, Savitribai Phule Pune University, Pune 411007*; [Tel (020) 2998-5564 (R), 99-606-24664 (M); Email [gadre@iitk.ac.in](mailto:gadre@iitk.ac.in), [gadre@unipune.ac.in](mailto:gadre@unipune.ac.in)]; Medal: INSA Young Scientist (1982); **Lecture:** Dr Jagdish Shankar Memorial (2000); Council: Mem 2001-03; **SC: III.**



**2022: GAHALAUT, Vineet Kumar** (*b* 1966), PhD, Sp: Earth Sciences, Seismology, Tectonic Geodesy; FASc, Chief Scientist, *CSIR-National Geophysical Research Institute, Uppal Road, Hyderabad 500007*; VI-3, NGRI Colony, Uppal Road, Hyderabad 500007 [Tel (040) 2701-2517 (O), 2715-8161 (R), 98-495-98161 (M); Email [vkgahalaut@yahoo.com](mailto:vkgahalaut@yahoo.com), [vkgahalaut@ngri.res.in](mailto:vkgahalaut@ngri.res.in)]; **Medal:** INSA Young Scientist (1997); **SC: IV.**



**2012: GALANDE, Sanjeev Anant** (*b* 1967), PhD, Sp: Chromatin Biology and Epigenetics; FASc, FNASc, Professor and Dean, *School of Natural Sciences, Shiv Nadar Institution of Eminence, Delhi-NCR; Villa 10, SNIoE Campus Housing, NH 91 Tehsil Dadri, Gantam Buddha Nagar Uttar Pradesh 201314* [Tel 99-233-63737 (M); Email [sanjeev.galande@snu.edu.in](mailto:sanjeev.galande@snu.edu.in)]; **SC: VII.**



**2023: GANESAN, Venkatasubramanian** (*b* 1975), MD, PhD, Sp: Psychiatry, Neuroscience, Schizophrenia, Neuromodulation, FNASc, FASc, FAMS, Professor of Psychiatry, *Department of Psychiatry, National Institute of Mental Health and Neurosciences, Hosur Road, Bengaluru 560029, Karnataka*; No. 41, Type 5 Quarters, Block 3, BRC Campus Quarters, National Institute of Mental Health and Neurosciences, Hosur Road, Bengaluru 560029, Karnataka [Tel (080) 2699-5256 (O); 94-488-03344 (M); Email [venkat.nimhans@gmail.com](mailto:venkat.nimhans@gmail.com)]; **Medal:** INSA Young Scientist (2009); **SC: IX.**

**2000: GANESH, Krishnarajanagar Nagappa** (b 1953), PhD, Sp: Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding; Bio-organic Chemistry; FASc, FTWAS, Director, *Indian Institute of Science Education and Research (IISER) Tirupati, Karakambadi Road, Mangalam, Tirupati 517507* [Tel (0877) 250-0802 (O); Fax 250-0250; Email kn.ganesh@iisertirupati.ac.in, director@iisertirupati.ac.in; **Medal:** INSA Young Scientist (1985); **Lecture:** Dr Nitya Anand Endowment (2001); **Council:** Mem 2011-13; **SC: III.**



**2023: GANESH, Subramaniam** (b 1968), PhD, Sp: Neurobiology of Disorders, Human Molecular Genetics, Deputy Director, P K Kelkar Endowed Chair Professor, JC Bose National Fellow, Professor of Biology, *Department of Biological Sciences and Bioengineering, Indian Institute of Technology, Kanpur 208016, India*; House No. 510, Type 5, IIT Kanpur, Kanpur 208016 [Tel 0512-259-4040 (O); 94-530-41967 (M); Email sganesh@iitk.ac.in]; **SC: IX.**



**1997: GANESHAIAH, Kotiganahally Narayana Gowda** (b 1953), PhD, Sp: Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding; Novelist and Story writer and Columnist in Kannada; FASc, FNAAS, FCSA, INSA Senior Scientist, *Department of Plant Genetics and Breeding, Retired Dean (Post Graduate Studies), University of Agricultural Sciences, GKVK Campus, Bengaluru 560065; 7, PUNGAVEE, Santosh Vihar, Phase I, Jakkur Road, Bengaluru 560092* [Tel 93-421-60639 (M); Email kganeshaiyah@gmail.com]; **SC: VI.**



**1990: GANGAL, Sudha Gajanan** (b 1934), PhD, Sp: Cancer Immunology, Basic Immunology Genetic Diseases; FASc, Research Advisor, Integrated Cancer Treatment and Research Centre, Wagholi, Pune; formerly Director, Research Society, BJ Wadia Hospital for Children, Parel, Mumbai and Head, Immunology Division, Cancer Research Institute, Mumbai; 4, *Mahavishnu Apartments, Kothrud, Pune 411029* [Tel (020) 2538-4382 (R), 99-216-37998 (M); Email sudha.gangal@yahoo.in]; **Council:** Mem 1996-98; **SC: IX.**



**2024: GANGULI, Ashok Kumar** (b 1961), PhD, Sp: Material Chemistry, Professor & Director, IISER Berhampur, On Lien from Deptt. of Chemistry, *IIT, Delhi 110 016*, Director Residence, IISER Berhampur Campus, Laudigaon, Odisha 760 003; [Tel +91-(680) 222701 (O), 98-104-64112 (M); Email ashokganguliitd@gmail.com; director@iiserbpr.ac.in]; **SC: III.**



**1993: GANGULY, Chaitanyamoy** (b 1946), PhD (Met Engg), Sp: Nuclear Fuels & Fuel Cycle, Nuclear Materials and Advanced Ceramics; FASc, FNASc, FNAE, Retired Distinguished Scientist, Chairman and Chief Executive, Nuclear Fuel Complex, Hyderabad, Dept. of Atomic Energy (DAE), Govt. of India; former Head, Radio Metallurgy Division, BARC, DAE Mumbai; former Head, Nuclear Fuel Cycle and Materials Section, International Atomic Energy Agency (IAEA), Vienna; former Director, CSIR-CGCRI, Kolkata; 703, Caladia, The Botanika ( behind Platina, near Radisson Hotel) Gachibowli, Hyderabad, Telangana 500032 [Tel 80-082-22001 (R), 80-082-22016 (M); Email chaitanya.ganguly@gmail.com, chm\_ganguly@yahoo.com]; **SC: V.**





**1993: GANGULY, Nirmal Kumar** (b 1941), MD, DSc (hc), Sp: Microbiology, Immunology, Biotechnology, Infectious Diseases, Public Health and Policy; FASc, FNASc, FTWAS (Italy), FAMS, FRCPath(London), FRCTrop (London), FIACS (Canada), FIMSA, Fellow, Imperial College, London (Health Sciences), Former Visiting Professor of Eminence, Translational Health Science & Technology Institute; Department of Biotechnology, Former Honorary Senior Research Professor, ILBS, New Delhi; Professor, The Ganga Ram Institute for Postgraduate Medical Education & Research (GRIPMER), Sir Ganga Ram Hospital, New Delhi; President Gut Microbiota and Probiotic Science Foundation; Chair Immunology Foundation; formerly DG-ICMR; former General President, Indian Science Congress Association; Emeritus Prof. PGI Chandigarh and SRM University Sonipat, Former President National Academy of Medical Sciences, New Delhi, Former Director PGI Chandigarh, formerly President, JIPMER, Puducherry & Asian Institute of Public Health, Bhubaneswar, Odisha; formerly Director-in-Charge, *National Institute of Biologicals, New Delhi*; Res. Address: #701, *Gayatri Apartments, GH-6, Sector 45, Faridabad 121003*; Email [ganguly1nk@gmail.com](mailto:ganguly1nk@gmail.com); **Lecture:** Professor SN De Memorial (1993), Dr Y Subba Row Memorial (1999); Shanti Swarup Bhatnagar Medal (2007): Awarded: by CSIR, Government of India; **Council:** Ad Mem 2001; Mem 2002-04; **SC: IX.**



**2015: GARG, Lalit Chander** (b1952), PhD, Sp: Infectious Diseases, Gene Expression, Vaccine Development; INSA Senior Scientist, *National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067*; H.No. 12, Dakshinapuram, Jawaharlal Nehru University, New Delhi 110067 [Tel (011) 2670-3652 (O), 93-1228-7881 (M); Fax 2674-2125; Email [lalit@nii.ac.in](mailto:lalit@nii.ac.in), [lalitcarg@gmail.com](mailto:lalitcarg@gmail.com)]; **SC: IX.**



**2020: GARG, Pramod Kumar** (b 1963), MBBS, MD, DM, Sp: Medicine, Gastroenterology, Pancreatology; JC Bose National Fellow, FASc, FNASc, FAMS, FRCP, Professor, *Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi 110029*; Former Executive Director, Translational Health Science and Technology Institute, Faridabad; 1273, B-1, VasantKunj, New Delhi 110070 [Tel (011) 2659-3556/4425 (O), 4100-6336 (R), 98-100-38116 (M); Fax 2658-8663; Email [pgarg@aiims.edu](mailto:pgarg@aiims.edu), [pgarg10@gmail.com](mailto:pgarg10@gmail.com)]; **SC: IX.**



**1980: GAUR, Vinod Kumar** (b 1936), PhD, DSc (hc), Sp: Earth and Planetary Sciences; FASc, FTWAS, Distinguished Professor, Indian Institute of Astrophysics, Sarjapur Road, Bengaluru 560034; formerly Distinguished Scientist, CMMACS, NAL, Bengaluru & Secretary, DOD (GoI); *101, Windsor Court, 17, Millers Road, Bengaluru 560046* [Tel (080) 2505-1931 (CMMACS), 2553-0672-6 (IIA) (O), 2343-7410 (R); Fax 2505-0392 (CMMACS), 2553-4019 (IIA); Email [gaur@cmmacs.ernet.in](mailto:gaur@cmmacs.ernet.in), [vgaur@iiap.res.in](mailto:vgaur@iiap.res.in)]; **Medal:** DN Wadia (2007); **Lecture:** Dr GP Chatterjee Memorial (1991); **Council:** Mem 1985-87, 1994-96; **SC: I**



**2006: GAVAI, Rajiv Vasantrya** (b 1954), PhD, Sp: Theoretical High Energy Physics, Quantum Field Theory on Lattice, Quark-Gluon Plasma, Heavy Ion Collisions and Phase Transitions in Early Universe; FASc, Dr Raja Ramanna Fellow, *Department of Physics, Academic Building I, Indian Institute of Science Education and Research Bhopal, Indore Bypass Road, Bhaury, Bhopal 462066*; formerly Chair and Senior Professor, Department of Theoretical Physics, TIFR, Mumbai; Row House No. 54, Hill Garden Row House CHSL, Tikuji-ni-Wadi Road, Near Tikuji-ni-Wadi, Chitalsar, Manpada, Thane 400610, Maharashtra [Tel 98-209-54585 (M); Email [gavai@tifr.res.in](mailto:gavai@tifr.res.in), [rajiv.gavai@gmail.com](mailto:rajiv.gavai@gmail.com)]; **SC: II.**



**2015: GEORGE THOMAS, Kakkudiyil** (*b* 1961), PhD, Sp: Physical Chemistry, Photochemistry, Photophysics and Material Science; FASc, JC Bose National Fellow, Professor & Dean (Faculty Affairs), *School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM), Maruthamala (PO), Vithura, Thiruvananthapuram 695551*; 11G, SFS Stanford, Madathunada, Mukkolackal, Kudappanakunnu (PO), Thiruvananthapuram 695043 [Tel (0471) 277-8040 (O), 254-2245 (R), 98-473-56057 (M); Email kgt@iisertvm.ac.in]; **SC: III.**



**2021: GHATE, Eknath Prabhakar** (*b* 1969), PhD, Sp: Mathematics (Number Theory); FASc, Professor and Dean, *School of Mathematics, Tata Institute of Fundamental Research, Mumbai 400005*; 702 Meghnad, TIFR Housing Colony, Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2663 (O), 98-201-94361 (M); Fax 2280-4610; Email eghate@math.tifr.res.in]; **SC: I.**



**2023: GHORPADE, Sudhir Ramkant** (*b* 1963), PhD, Sp: Algebraic Geometry, Coding Theory, Combinatorics and Commutative Algebra, FNASc, Professor, *Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; Apt. B-270, Bldg. B-24, Nilgiri, IIT Campus, Powai, Mumbai 400076 [Tel (022) 2576-7470 (O); 98-927-68162 (M); Fax 2572-3480; Email srg@math.iitb.ac.in]; **SC: I.**



**2024: GHOSE, Debasish** (*b* 1960), PhD, Sp: Guidance and Control of Autonomous Systems; FNAE, FNASc, AF-AIAA, Professor, *RBCCPS and Dept., of Aerospace Engineering, Indian Institute of Science, Bangalore 560012*; #550, 1A Main, 4 Cross, Tatanagar, Bangalore 560092; [Tel (080) 2293-3023 (O), 2341-4173, 88-673-95021, 72-594-36017 (M); Email dghose@iisc.ac.in]; **SC: V.**



**2004: GHOSH, Amit** (*b* 1944), PhD, DSc (*hc*), Sp: Molecular Biology of *Vibrio cholerae*; FASc, FNASc, FBRs, FAScT, Vice President, West Bengal Academy of Science and Technology, Honorary Scientist, National Academy of Sciences, India (NASI) at *ICMR-National Institute of Cholera and Enteric Diseases (JICA Building), P-33, CIT Scheme XM, Beliaghata, Kolkata 700010*; formerly JC Bose Chair Professor, National Academy of Sciences, India (NASI); formerly Director, CSIR-Institute of Microbial Technology, Chandigarh and Indian Institute of Advanced Research, Gandhinagar, Gujarat [Tel (033) 4603-3573 (R), 94-336-92858, 70-448-08282 (M); Email amitghosh24@yahoo.com]; INSA Senior Scientist (2015-16); **Council: Mem** 2011-13; VP 2021-23; **SC: IX.**



**2000: GHOSH, Amitabha** (*b* 1941), PhD, DSc (*hc*), Sp: Mechanical Engineering; FASc, FNASc, FNAE, INSA Emeritus Scientist, formerly Professor, IIT Kanpur; Director, IIT Kharagpur; Honorary Scientist, *The National Academy of Sciences, India, Allahabad*; Distinguished Visiting Professor, IIT Kharagpur, Flat D2, Kalpataru, 50/A, College Road, PO Botanical Garden, Howrah 711103 [Tel (033) 2668-0521 Ext 441 (O), 2668-2424 (R); Email amitabha@iitk.ac.in, amitabhaitk@gmail.com]; **SC: V.**



**2017: GHOSH, Arindam** (*b* 1969), PhD, Sp: Experimental Condensed Matter Physics at Ultra-low Temperature, Nano Electronics, Semiconductor Physics; FNASc, FASc, Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; HE 351, Indian Institute of Science Campus, Bengaluru 560012 [Tel (080) 2293-3288 (O); Fax 2360-2602; Email arindam@iisc.ac.in]; **SC: II.**





**2014: GHOSH, Aswini** (*b* 1953), PhD, Sp: Condensed Matter Physics and Materials Science; FASc, Raja Ramanna Fellow (DAE), JC Bose National Fellow, Former Senior Professor, *School of Physical Sciences, Indian Association for the Cultivation of Science, 2A & B, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; 22 Eastern Park, Baghajatin, Block-G, Kolkata 700086 [Tel (033) 2473-4971 Ext 1314 (O), 90-073-57514 (M); Fax 2473-2805; Email [sspag@iacs.res.in](mailto:sspag@iacs.res.in), [aswghosh@gmail.com](mailto:aswghosh@gmail.com); Web <http://iacs.res.in/faculty-profile.html?id=71>]; INSA Distinguished Lecture Fellow (2023); **SC: II.**



**2011: GHOSH, Balaram** (*b* 1955), PhD, Sp: Biochemistry, Immunology, Molecular Genetics; FASc, FNASc, Formerly, JC Bose National Fellow, formerly Scientist 'H' Outstanding Scientist (CSIR), Head, *Genomics & Molecular Medicine Unit, CSIR-Institute of Genomics & Integrative Biology, Mall Road, Delhi 110007*; B-114 Shakti Apartments, Sector 9, Rohini, Delhi 110085 [Tel (011) 2766-2580 (O), 2786-0108 (R), 98-713-86414 (M); Fax 2766-7471; Email [bghosh14@gmail.com](mailto:bghosh14@gmail.com)]; **Lecture:** Dr MR Das Memorial (2014); **SC: VII.**



**1994: GHOSH, Bilwa Gopal** (*b* 1940), PhD, Sp: Condensed Matter Physics; formerly Senior Professor, *Saha Institute of Nuclear Physics, Kolkata*; Basundhara Nivas Flat No-4A P-27 Motijheel Avenue, Kolkata 700074 [Tel 93-309-14618, 94-338-35185 (M); Email [bilwagopal.ghosh@saha.ac.in](mailto:bilwagopal.ghosh@saha.ac.in)]; INSA Senior Scientist (2000-05); **SC: II.**



**2017: GHOSH, Hirendra N** (*b* 1966), PhD, Sp: Chemistry; FNASc, FASc, FNAE, Director, *National Institute of Science Education and Research, Post. Jatni, Khurdha 752050, Odisha* [Tel (0674) 249-4002 (O), 99-300-42720 (R), 99-201-65111 (M); Email [hnghosh@niser.ac.in](mailto:hnghosh@niser.ac.in), [hnghosh2004@gmail.com](mailto:hnghosh2004@gmail.com)]; **Medal:** INSA Young Scientist (1998); AK Bose Memorial (2000); **SC: III.**



**2007: GHOSH, Kunal** (*b* 1946), PhD, DSc, Sp: Agricultural Chemistry and Soil Science; Director, Agtec Innovations Pvt Ltd, Building IV, South Block, 2nd Floor, Behala Industrial Estate (Government of West Bengal), 620 Diamond Harbour Road, Kolkata 700034; formerly Professor and Head, Agricultural Chemistry and Soil Science, Calcutta University; *4A Ratnabali, 7A Judges Court Road, Alipore, Kolkata 700027* [Tel (033) 2446-7048 (O), 2448-0537 (R), 94-330-10233, 83-360-42420 (M); Email [kghoshcu@gmail.com](mailto:kghoshcu@gmail.com)]; INSA Senior Scientist (2012-16), INSA Honorary Scientist (2017-2019), INSA Emeritus Scientist (2017-2020), **Council:** Mem 2013-15, Ad Mem 2017-23; **SC: X.**



**2021: GHOSH, Pradyut** (*b* 1970), PhD, Sp: Inorganic and Supramolecular Chemistry; FASc, Senior Professor and Chair, *School of Chemical Sciences, Indian Association for the Cultivation of Science, 2A & 2B, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; Eden Roma, Flat-2A/III, 39 East Purbachal Canal Road 1st Lane, Kalikapur, Kolkata 700078 [Tel (033) 2473-4971 Ext 1351, 94-331-38075 (M); Fax 2473-2805; Email [icpg@iacs.res.in](mailto:icpg@iacs.res.in), [icpgiacs@gmail.com](mailto:icpgiacs@gmail.com)]; **SC: III.**



**2024: GHOSH, Probir Kumar** (*b* 1962), PhD, Sp: Natural Resource Management (Agronomy), Director and Vice Chancellor, *ICAR-NIBSM, Raipur, E 205 AT Classic, Shankar Nagar, Raipur, Chhattisgarh 492 004*; [Tel (0771) 227-7615 (O), 94-530-42870 (M); Email [pkgiupr@gmail.com](mailto:pkgiupr@gmail.com)]; **SC: X.**

**2012: GHOSH, Subrata** (b 1950), PhD, Sp: Synthetic Organic Chemistry; FASc, INSA Honorary Scientist, *School of Chemical Sciences, Formerly Dean (Administration) and JC Bose National Fellow, Indian Association for the Cultivation of Science, 2A & B, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; Basundhara Apartment, E3, 19/922 Raja SC Mallik Road, Kolkata 700086 [Tel (033) 2473-4971 (O), 98-304-50170 (M); Fax 2473-2805; Email [ocsg@iacs.res.in](mailto:ocsg@iacs.res.in), [ocsg@yahoo.co.in](mailto:ocsg@yahoo.co.in)]; **SC: III.**



**1999: GHOSH, Swapan Kumar** (b 1949), PhD, Sp: Theoretical Chemistry, Computational Materials Science, Soft Condensed Matter Physics; FASc, FNASc, FTWAS, INSA Emeritus Scientist, Distinguished Professor & Dean, *Academic Affairs, UM-DAE-Centre for Excellence in Basic Sciences, University of Mumbai, Kalina Campus, Santacruz (East), Mumbai 400098*; Plot No-56, Row House, Sector-1, Kopar Khairane, Navi Mumbai 400709 [Tel (022) 2559-5092 (O), 2754-9108 (R); Email [swapankghosh@gmail.com](mailto:swapankghosh@gmail.com), [swapan.ghosh@cbs.ac.in](mailto:swapan.ghosh@cbs.ac.in)]; **Lecture:** Dr Jagdish Shankar Memorial (2009); **Council:** Mem 2015-17; **SC: III.**



**1987: GILL, Bakhshish Singh** (b 1925), MVSc (Hons), PhD, Sp: Tropical Veterinary Medicine; FNASc, FNAAS, formerly Dean, College of Veterinary Science and Special Director of Research (Veterinary and Animal Sciences), PAU, Ludhiana; *110-A, Aggar Nagar, Ludhiana 141012* [Tel (0161) 255-2931(R)]; **SC: X.**



**2013: GIRI, Ashok Kumar** (b 1952), PhD, DSc, Sp: Genetic Toxicology, Environmental Mutagenesis, Human Genetics and Genomics, Monitoring of Human Population Exposed to Environmental Mutagens and Carcinogens; FNASc, NASI Senior Scientist, INSA Senior Scientist, Emeritus Scientists (CSIR), *Molecular Genetics Division, CSIR-Indian Institute of Chemical Biology, 4 Raja SC Mullick Road, Jadavpur, Kolkata 700032*; Flat No C-1102, Mohul Block, Salboni Apartment, 64/98C Khudiram Bose Sarani, Belgachia, Kolkata 700037 [Tel (033) 2499-5724 (R), 94-332-51823 (M); Fax 2473-5197; Email [akgiri15@yahoo.com](mailto:akgiri15@yahoo.com), [akgiri@iicb.res.in](mailto:akgiri@iicb.res.in)]; **Medal:** INSA Young Scientist (1984); **SC: IX.**



**2003: GODBOLE, Rohini Madhusudan** (b 1952), PhD, DLitt, Sp: Theoretical High Energy Physics; FASc, FNASc, FTWAS, Chair, INSA Panel for Women in Science; Professor, *Centre for High Energy Physics, Indian Institute of Science, Bengaluru 560012*; E-18, IISc Housing Colony, Bengaluru 560012 [Tel (080) 2293-2845 (O), 2360-8357 (R); Fax 2360-0683, 2360-0085, 2360-0106; Email [rohini@iisc.ac.in](mailto:rohini@iisc.ac.in)]; **Medal:** SN Bose (2009); **Lecture:** KS Krishnan Memorial (2019); **Visiting Fellowship:** JL Nehru Birth Centenary (2005); **Council:** Mem 2011-13; **SC: II.**



**1998: GOEL, Prem Shanker** (b 1947), ME, PhD, Sp: Satellite Control Systems, Space Technology; FASc, FNAE, FNASc, FTWAS, Dr Raja Ramanna Chair Professor, NIAS, Honorary Distinguished Professor, ISRO HQ; formerly Secretary, MoES, New Delhi; formerly Chairman, RAC (DRDO); formerly Director, ISAC; *No. 6, 1st Main, 9th Cross, Oppo BESCOM office, ISRO Layout, Bengaluru 560111* [Tel 73-826-18774, 99-100-49388 (M); Email [dr.psgoel@gmail.com](mailto:dr.psgoel@gmail.com)]; **SC: V.**





**2014: GOKHALE, Rajesh Sudhir** (*b* 1967), PhD, Sp: Chemical Biology; FASc, FNASc, Staff Scientist-VII, *National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067*; H-8, NII, Aruna Asaf Ali Marg, Near JNU East Gate, New Delhi 110067 [Tel (011) 2670-3545 (O), 98-115-59987 (M); Fax 2987-9111; Email rsg@nii.res.in]; **SC: VIII.**



**2010: GOPAKUMAR, Rajesh** (*b* 1967), PhD, Sp: Theoretical Physics; FASc, FNASc, FTWAS, Senior Professor and Centre Director, *International Centre for Theoretical Sciences of Tata Institute of Fundamental Research, Shivajikote, Hesaraghatta Hobli, Bengaluru 560089* [Tel (080) 2369-1708, 4653-6020 (O); Fax 4653-6002; Email rajesh.gopakumar@icts.res.in, gopakumr@gmail.com]; **Council: Mem 2014-16; SC: II.**



**2016: GOPAL, Balasubramanian** (*b* 1970), PhD, Sp: Structural Biology; FASc, FNASc, Professor, *Room 301, Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560012*; Flat 2, Plot 41, Sri Guru Vanam, I.T.I Layout, MS Ramaiah Nagara, Bengaluru 560054 [Tel (080) 2293-3219 (O), 2360-2838 (R), 98-804-50577 (M); Fax 2360-0535; Email bgopal@iisc.ac.in; Web <http://mbu.iisc.ac.in/~bggrp/>]; **SC: VIII.**



**1994: GOPALAKRISHNAN, Jagannatha** (*b* 1944), PhD, Sp: Solid State Inorganic Chemistry; FASc, FNASc, IISc Distinguished Alumnus (2010), formerly Honorary Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; Sangeet Apts No 3, 226 (New), 4th Main Road, Malleswaram, Bengaluru 560055 [Tel (080) 2293-2537 (O), 2334-5163 (R), 94-495-45185 (M); Email gopalkrish@iisc.ac.in, gopalj18@gmail.com]; **Lecture: Professor Sadhan Basu Memorial (2008); INSA Senior Scientist (2009-13); SC: III.**



**1986: GOPALAN, Kunchithapadam** (*b* 1938), PhD, Sp: Geochronology & Isotope Geology; FASc, FNASc, *38765 Adcock Drive, Fremont, California 94536, USA* [Tel (+1) (510) 771-4980 (R); Email mompattu@gmail.com]; **Medal: Professor K Naha Memorial (2010); INSA Honorary Scientist (2008-15); SC: IV.**



**1993: GOPINATHAN, Karumathil Puthanveetil** (*b* 1939), PhD, Sp: Molecular Biology & Biotechnology; FASc, FNASc, Formerly Professor, *Department of Microbiology & Cell Biology, Indian Institute of Science, Bengaluru 560012*; ABHIMAN, 369, 11th Cross, RT Nagar II Block, Bengaluru 560032 [97-314-40030 (M); Email kpg@iisc.ac.in]; **Lecture: Dr MR Das Memorial (2005); INSA Senior Scientist (2005-09), INSA Honorary Scientist (2010-15); SC: VIII.**



**1992: GOPINATHAN, Melethil Sankaran** (*b* 1942), PhD, Sp: Quantum Chemistry & Nonlinear Dynamics; FASc, *"SWATHI", V/PXI/872, Kodanganur PO, Thiruvananthapuram 695013* [Tel 94-003-65155 (M); Email msgopinathan@gmail.com]; **SC: III.**

**2003: GOSWAMI, Bhupendra Nath** (b 1950), PhD, Sp: Tropical Meteorology, Monsoon Dynamics and Predictability of Weather and Climate; FASc, FNASc, FTWAS, SERB Distinguished Fellow, *Department of Physics, Cotton University, Guwahati 781001*; formerly Director, Indian Institute of Tropical Meteorology, Pune; House No. 95, Kharghuli Main Road, Kharghuli, Guwahati 781004 [Tel 98-602-01144 (M); Email [bhupengoswami100@gmail.com](mailto:bhupengoswami100@gmail.com)]; **Medal:** KR Ramanathan (2008); INSA Senior Scientist (2017-18); **SC: IV.**



**2023: GOSWAMI, Debashish** (b 1972), PhD, Sp: Mathematics, FASc, Professor (Higher Academic Grade), *Stat-Math Unit, Indian Statistical Unit, 203 B. T. Road, Kolkata 700108*; Flat 4E, Doll's Dream Apt, 164 A, N.S.C. Bose Road, Kolkata 700040, West Bengal [Tel (033) 2575-3400; (91) 98-3648-9980 (M); Email [goswamid@isical.ac.in](mailto:goswamid@isical.ac.in)]; **Medal:** INSA Young Scientist (2004); **SC: I.**



**2000: GOSWAMI, Jitendra Nath** (b 1950) PhD, Sp: Solar System Studies, Earth and Planetary Sciences; FASc, FNASc, FTWAS, JC Bose National Fellow & INSA Senior Scientist, *Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; B-31, Jupiter Towers, Bodakdev, Ahmedabad 380054 [Tel (079) 2631-4332 (O), 99-099-50961 (R); Fax 2630-0374; Email [goswami@prl.res.in](mailto:goswami@prl.res.in); Web <http://www.prl.res.in>]; **Medal:** INSA Young Scientist (1978); **SC: IV.**



**2011: GOSWAMI, Sreebrata** (b 1956), PhD, Sp: Inorganic Chemistry, Coordination Chemistry of Organic pi-Radical Ligands, Metal-Ligand Cooperation, Electro-Proton Storage, Electronic and Optoelectronic Materials; FASc, Former Professor, *School of Chemical Sciences, Indian Association for the Cultivation of Science, 2A & B, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; 13/2, Madhusudan Banerjee Road, Belgharia, Kolkata 700056 [Tel (033) 2541-6361 (R), 94-330-06361 (M); Email [icsg@iacs.res.in](mailto:icsg@iacs.res.in), [icsgiacs@gmail.com](mailto:icsgiacs@gmail.com)]; **SC: III.**



**2018: GOSWAMI, Srubabati** (b 1966), PhD, Sp: High Energy Physics; FASc, FNASc, FTWAS, Professor, *Theoretical Physics Division, Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; E3 PRL Quarters, Vikramnagar, Bopal Road, Ahmedabad 380058 [Tel (079) 2631-4471 (O); Fax 2631-7900; Email [sruba@prl.res.in](mailto:sruba@prl.res.in), [sruba.goswami@gmail.com](mailto:sruba.goswami@gmail.com)]; **Council:** Member 2023-; **SC: II.**



**2019: GOURINATH, Samudrala** (b 1972), PhD, Sp: Structural Biology (Infectious Disease); Professor, *Lab# 430, Structural Biology Lab, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067*; A-504, Paschimabad, Jawaharlal Nehru University, New Delhi 110067 [Tel (011) 2670-4513 (O), 98-184-20366 (M); Fax 2618-7338; Email [samudralag@yahoo.com](mailto:samudralag@yahoo.com), [sgourinath@mail.jnu.ac.in](mailto:sgourinath@mail.jnu.ac.in)]; **SC: VIII.**



**2022: GOVINDARAJAN, Rama** (b 1962), PhD, Sp: Fluid Dynamics; FASc, FNASc, Senior Professor and Dean Academic, *International Centre for Theoretical Sciences, Tata Institute of Fundamental Research, Survey No. 151, Shivakote Village, Hesaraghatta Hobli, Bengaluru (North), Karnataka 560089*; No. 2063, Prestige Wellington Park, Jalahalli, Gangamma Circle, Bengaluru 560013, Karnataka [Tel (080) 4653-6370 (O), 2308-9166 (R), 81-066-71309 (M); Email [rama@icts.res.in](mailto:rama@icts.res.in), [rama.govindarajan@gmail.com](mailto:rama.govindarajan@gmail.com)]; **SC: V.**





**2001: GOWRISHANKAR, Jayaraman** (*b* 1956), MBBS, PhD (Melbourne), Sp: Microbial Genetics and Physiology, Molecular Biology and Biotechnology; FASc, FNASc, Formerly Director, IISER Mohali, Staff Scientist and Director, CDFD, Hyderabad, & Scientist, CCMB, Hyderabad; *N-2 Nemali Meadows, 12-2-715B Padmanaba Nagar, Mehdipatnam, Hyderabad 500028* [Tel (040) 3558-6080 (R), 91-604-30111 (M); Email [jayaraman.gowrishankar@gmail.com](mailto:jayaraman.gowrishankar@gmail.com)]; **Medal:** INSA Young Scientist (1986); **Lecture:** JL Nehru Birth Centenary (2005); INSA Senior Scientist (2017-19); **Council:** Mem 2007-09; **SC: VII.**



**2023: GROMIHA, Maria Siluvay Michael** (*b* 1967), PhD, Sp: Bioinformatics, Computational Biology, Protein structure-function, Fellow of Science and Technology Agency, Japan, Professor, *Department of Biotechnology, Indian Institute of Technology Madras, Chennai 600036; B-27-1C, Chola, Delhi Avenue, IIT Madras, Chennai 600036* [Tel (044) 2257-4138 (O); 87-544-99778 (M); Email [gromiha@iitm.ac.in](mailto:gromiha@iitm.ac.in)]; **SC: VIII.**



**2007: GROVER, Anil** (*b* 1958), PhD, Sp: Stress Biology of Plants; FASc, FNASc, FNAAS; INSA Senior Scientist, *Department of Plant Molecular Biology, University of Delhi, South Campus, Benito Juarez Road, New Delhi 110021; C-1/96, JanakPuri, New Delhi 110058* [Tel (011) 4309-0777 (R), 98-716-18167 (M); Email [anil.anilgrover@gmail.com](mailto:anil.anilgrover@gmail.com), [agrover@south.du.ac.in](mailto:agrover@south.du.ac.in)]; **Medal:** INSA Young Scientist (1990); **SC: VII.**



**2024: GUCHHAIT, Prasenjit** (*b* 1967), PhD, Sp: Thrombosis, Inflammation and Immune Biology in Human Diseases, Professor, *Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway, Faridabd 121001, Haryana; B2 601, Achievers, Sainik Colony, Sector 49, Faridabd 121001, Haryana*; [Tel (011) 29284-8821 (O), 97-114-06397 (M); Email [prasenjit@rcb.res.in](mailto:prasenjit@rcb.res.in)]; **SC: IX.**



**2023: GUHA, Debatosh** (*b* 1963), PhD, Sp: Radio Physics and Electronics, FASc, FNASc, FNAE, IEEE Fellow, Professor, *Institute of Radio Physics and Electronics, University of Calcutta, 92, Acharya Prafulla Chandra Road, Kolkata 700009; 23/17/2B, D. P. P. Road, Kolkata 700047* [Tel 89-102-69258; Email [dguha@ieee.org](mailto:dguha@ieee.org)]; **SC: V**



**1991: GUPTA, Alok Krishna** (*b* 1942), PhD (Pittsburgh), DSc (*hc*), Sp: Experimental Petrology; FASc, FNASc, Raja Ramanna Fellow (AEC), Visiting Professor, Purbanchal University; *E-203, Green Valley Apartments, Chiriamore, Kaikbali 700136* [Tel (033) 2573-0548 (R), 86-013-50902 (M); Email [alok.krishna.gupta@gmail.com](mailto:alok.krishna.gupta@gmail.com)]; **Lecture:** JL Nehru Birth Centenary (2011); INSA Honorary Scientist (2013-16); **Council:** VP 2007-09; **SC: IV.**



**2012: GUPTA, Anil Kumar** (*b* 1960), PhD, Sp: Micropaleontology, Paleomonsoon and Paleoclimatology; FASc, FNASc, FTWAS, JC Bose National Fellow, Professor (HAG), *Department of Geology & Geophysics, Indian Institute of Technology Kharagpur, Kharagpur 721302* [Tel (03222) 283-368 (O), 94-340-21903, 81-266-61820 (M); Email [anilgupta021160@gmail.com](mailto:anilgupta021160@gmail.com), [anilg@gg.iitkgp.ac.in](mailto:anilg@gg.iitkgp.ac.in)]; **Council:** Mem 2024-; **SC: IV.**

**2019: GUPTA, Anil Kumar** (b 1952), PhD, Sp: Inclusive, Frugal and Grassroots Innovation, Institution Building, Sustainable Agriculture, Technological, Educational, Institutional Innovations, Public Policy; FNAAS, FWAAS, Founder, Honey Bee Network, SRISTI, GIAN and NIF, Visiting Faculty, IIMA and Distinguished Visiting Faculty, IITB, *GLAN, Bungalow No. 1, Satellite Complex, Near Satellite Tower, Mansi Cross Road, Premchand Nagar Road, Satellite, Ahmedabad 380015*; 17, Abhishek Bungalow, Gala Gymkhana Road, Opp. SOBO Center, Near Rajvi Society, South Bopal, Bopal, Ahmedabad 380058 [Tel (02717) 489-516 (O), 98-250-14437 (M); Fax 2630-7341; Email anilg@sristi.org, anilg@iima.ac.in]; **Lecture:** Professor BD Tilak (2005); **NC.**



**1989: GUPTA, Chhitar Mal** (b 1944), PhD, Sp: Membrane Biology and Bio-organic Chemistry; FASc, FNASc, FAMS, FTWAS, Distinguished Professor (Hon.) & Infosys Chair, Institute of Bioinformatics and Applied Biotechnology (Room GF 18), Biotech Park, Electronics City Phase 1, Bengaluru 560100, formerly Director, CSIR-IMTech., Chandigarh and CSIR-CDRI, Lucknow and Distinguished Biotechnology Research Professor (DBT); *D-508, Raheja Residency, IIIrd Block, Koramangala, Bengaluru 560034* [Tel (080) 2852-8900-8902 Ext 109 (O), 4090-3534 (R), 88-849-00233 (M); Email cm44gupta@gmail.com, drcmg@rediffmail.com]; **Medal:** INSA Young Scientist (1974), Golden Jubilee Commemoration (Biol Sc) (2001); **Lecture:** Dr Nitya Anand Endowment (1989); **Council:** Mem 2000-01, VP 2002; **SC: VIII.**



**1989: GUPTA, Harsh Kumar** (b 1942), Ph.D., Sp: Seismology, Geophysical Exploration, Ocean Sciences; FNASc, FTWAS, FAGU, IUGG: Honorary Fellow, Foreign Member: Russian Academy of Sciences; Fellow: International Science Council; CSIR-National Geophysical Research Institute (NGRI), Uppal Road, Hyderabad 500007; President GSI and Member, Atomic Energy Regulatory Board; formerly: Member, National Disaster Management Authority, Govt. of India; Secretary to Govt. of India, DOD (now MoES); Director, NGRI, Hyderabad; Vice-Chancellor, Cochin University of Science and Technology, Cochin; Professor, the University of Texas at Dallas, USA; MANJUSHA, N-1/A, Kakatiya Nagar, Habsiguda, Hyderabad 500007 [Tel (040) 2701-2600 (O), 2715-5971 (R); Email harshg123@gmail.com]; **Medal:** Professor K Naha Memorial (2004); **Lecture:** DS Kothari Memorial (2014); **Visiting Fellowship:** JL Nehru Birth Centenary (2003); **Council:** Mem 1999-2000, VP 2001, Ad Mem 2007; **SC: IV.**



**2015: GUPTA, Kailash Chand** (b 1952), PhD, Sp: Nucleic Acid Chemistry, Nanobiotechnology; FNASc, Distinguished Scientist Chair (ICMR), Nucleic Acids Research Laboratory, CSIR-Institute of Genomics and Integrative Biology, Mall Road, Delhi University Campus, Delhi 110007; Visiting Professor, Department of Biological Sciences and Bioengineering (BSBE) and Centre for Environmental Science and Engineering (CESE), Indian Institute of Technology, Kanpur 208016; formerly Director, Indian Institute of Toxicology Research, M.G. Marg, Lucknow 226001; *233, Dharamkunj Apartments, Sector-9, Rohini, Delhi 110085* [Tel (011) 2766-2491 (O), 88-009-94239, 96-281-06106 (M); Fax 2766-7471; Email kcgupta9@gmail.com]; **SC: VIII.**



**1992: GUPTA, Laxmi Chand** (b 1938), PhD, Sp: Superconductivity and Magnetism in Quaternary Borocarbides and Intermetallics, Nuclear Magnetic/Quadropole Resonance and  $\mu$ -SR Studies, Valence Fluctuations and Heavy Fermions; FASc, FNASc, FTWAS, formerly Senior Professor (I), TIFR, Mumbai; *Res. 62, PALMS (Shubh Lakshmi), Plot 13 B, Sector 6, Dwarka, New Delhi 110075*; Email lcgupta@tifr.res.in, lcgupta38@yahoo.com]; **SC: II.**





**2014: GUPTA, Munishwar Nath** (*b* 1948), PhD, Sp: Biochemistry; FNASc, Formerly Emeritus Professor, Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology Delhi, New Delhi; *Apt 508/block 3, Kirti Apartments, Mayur Vihar Phase 1 Extension, Delhi 110091* [Tel 93-155-06902 (M); Email munishwar48@yahoo.co.uk, mn\_gupta@hotmail.com; Web <http://web.iitd.ac.in/~munishwar/>]; **SC: VIII.**



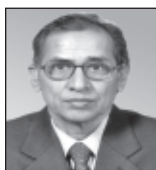
**2002: GUPTA, Narinder Kumar** (*b* 1942), PhD, Doctor (*hc*) (Russian Acad. Sc.), Sp: Plasticity and Impact Mechanics; FNASc, FNAE, FTWAS, INSA Honorary Scientist, Department of Applied Mechanics, Indian Institute of Technology Delhi, New Delhi 110016; *A-53, Gyandeeep Apartments, Mayur Vihar Phase-I, Delhi 110091* [Tel (011) 2659-1178 (O), 2279-6430 (R), 90-138-23907 (M); Email nkgupta@iitd.ac.in]; **Lecture:** KS Krishnan Memorial (2013); INSA Senior Scientist (2012-17); **Council:** VP 2008-10; **SC: V.**



**2024: GUPTA, Neena** (*b* 1984), PhD, Sp: Mathematics, FASc, Professor, Theoretical Statistics & Mathematics Unit, *Indian Statistical Institute, 203, B.T. Rd., Kolkata 700108, 188/1C, Manicktalla Main Road, Kolkata 700054*; [Tel 98-747-64925, 93-310-27972 (M); Email manina@gmail.com, neenag@isical.ac.in]; **Medal:** INSA Young Scientist (2014); **Awards:** Shanti Swarup Bhatnagar (2019), DST-ICTP-IMU Ramanujan Award and TWAS-CAS Young Scientist Award; **SC: I.**



**1986: GUPTA, Pushpendra Kumar** (*b* 1936), PhD, Sp: Cytogenetics, Plant Breeding & Biotechnology; FASc, FNASc, FNAAS, Emeritus Professor, Department of Genetics and Plant Breeding, Chaudhary Charan Singh University, Meerut; *F-119, Shastrri Nagar, Meerut 250004* [Tel (0121) 276-8195 (Lab), 297-4526 (R); 94-116-19105, 63-953-72254 (M); Email pkgupta36@gmail.com, pkgupta@ccsuniversity.ac.in]; INSA Senior Scientist (2003-06, 2015-16), INSA Honorary Scientist (2017-19); **SC: VI.**



**1995: GUPTA, Raj Krishan** (*b* 1946), PhD, Sp: Soil Science, Land Reclamation, Irrigation Water Quality and Conservation Agriculture; FNASc, FAAS, formerly Team Leader, Borlaug Institute for South Asia (BISA), Coordinator for Sustainable Land Management Project (Central Asia, ICARDA Tashkent) and Regional Facilitator of the Ecoregional Program (Rice Wheat Consortium for South Asian-Indo-Gangetic Plains), CIMMYT-India, NASC Complex, Pusa Campus, New Delhi; National Coordinator, NATP, ICAR, Krishi Bhawan, New Delhi; INSA Senior Scientist, Centre for Advancement of Sustainable Agriculture (CASA), NASC Complex, Pusa, New Delhi; *B-4/205, First Floor, Safdarjung Enclave, New Delhi 110029* [Tel (011) 2618-1175 (R), 97-110-09365 (M); Email rajbisa2013@gmail.com]; **Lecture:** Professor BD Tilak (2003); **SC: X.**



**2001: GUPTA, Satish Kumar** (*b* 1953), PhD, Sp: Reproductive Biology/Immunology, Vaccine Development; FASc, FNASc, FAMS, Former-Deputy Director, *National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110 067*; KG-04, Mahindra Aura, Bajghera Road, Sector 110A, Gurugram 122 017 [Tel (0124) 3537058 (R), 98-109-66357 (M); Email skgupta.nii53@gmail.com]; **Medal:** INSA Young Scientist (1982), Chandrakala Hora Memorial (2016); **Lecture:** Dr Nitya Anand Endowment (2003); **SC: IX.**



**2011: GUPTA, Sourendu** (*b* 1959), PhD, Sp: Theoretical High Energy Physics, Statistical Mechanics in Quantum Field Theory, Quantum Chromodynamics and Strong Interactions; Senior Professor, *Department of Theoretical Physics, Tata Institute of Fundamental Research, Mumbai 400005* [Tel (022) 2278-2245 (O), 2278-3245 (R); Email sgupta@tifr.res.in]; **SC: II.**



**1960: GUPTA, Suraj Narayan** (b 1924), PhD(Cantab), Sp: High Energy Physics; Distinguished Professor of Physics, *Wayne State University, Detroit, Michigan 48202, USA*; 30001 Hickory Lane, Franklin, Michigan 48025, USA [Tel (313) 577-2721 (O)]; **SC: II.**



**2023: GUPTA, Yashwant** (b 1962), PhD, Sp: Astrophysics, FNAE, FNASc, FASc, Distinguished Professor & Centre Director, *National Centre for Radio Astrophysics, Pune University Campus, Pune 411007*, “Surya”, Director’s Bungalow, NCRA Colony, Pune University Campus, Pune [Tel +91-20-25719242; +91-9881061930 (M); Email yugupta@ncra.tifr.res.in]; **SC: II**



**1997: GURJAR, Rajendra Vasant** (b 1950), PhD, Sp: Algebraic Geometry, Commutative Algebra; Distinguished Visiting Professor, *Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; 1403 Whispering Woods, Powai Vihar Complex, Powai, Mumbai 400076 [Tel 90-045-06661 (M); Fax 2572-3480; Email gurjar@math.iitb.ac.in]; **SC: I.**



**2010: GURU ROW, Tayur Narasingarow** (b 1951), PhD, Sp: X-Ray Crystallography, Structural Chemistry; FASc, INSA Senior Scientist, Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; 11, West Anjaneya Temple Road, Basavanagudi PO, Bengaluru 560004 [Tel (080) 2293-2796, 2293-3306, 2293-2336 Ext 2027 (O), 98-805-09225 (M); Fax 2360-1310; Email gururow@gmail.com, gururow@iisc.ac.in; Web <http://sscu.iisc.ac.in/faculty/guru-row/>]; **SC: III.**



**2021: HABIB, Saman** (b 1968), PhD, Sp: Malaria parasite biology, human genetic factors and malaria susceptibility; FASc, FNASc, Chief Scientist and Professor (AcSIR), *Division of Biochemistry & Structural Biology, CSIR-Central Drug Research Institute, Sector 10, Jankipuram Extension, Sitapur Road, Lucknow 226031*; 206, Heritage Apts., Madan Mohan Malviya Marg, Lucknow 226001 [Tel (0522) 277-2477 (O), 93-352-48113 (M); Fax 277-1941; Email saman.habib@gmail.com, saman\_habib@cdri.res.in]; **Medal:** INSA Young Scientist (1996); **Award:** Professor LSS Kumar Memorial (1996); **SC: VIII.**



**2013: HAIDER, Syed Aftab** (b 1958), PhD, Sp: Planetary Atmospheres, Ionospheres and Magnetospheres, Cometary Coma and Dust; FASc, FNASc, JC Bose National Fellow, Honorary Scientist-A, Co-ordinator of Planetary Science Division, *Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; Bungalow 9, Unique Park Society, Sarkhej Road, Ahmedabad 380055 [Tel (079) 2631-4950 (O), 96-623-27992 (M); Fax 2631-4659; Email haider@prl.res.in]; **SC: IV.**





**2020: HAMIED, Yusuf Khwaja** (b 1936), PhD, ScD, DSc (*hc*), Sp: Steroid Chemistry, Applied Organic Chemistry; FRS, FRSC, Non-Executive Chairman, *Cipla Ltd.*, 289 Bellasis Road, Mumbai Central, Mumbai 400008; Windsor Villa, 2<sup>nd</sup> floor, Westfield Compound, Off B. Desai Road, Cumballa Hills, Mumbai 400026 [Tel (022) 2308-2891, 2309-5521 (O), 2369-8855, 2369-7740 (R), 88-799-70553, (+44) 79-796-90690 (M); Fax 2307-0013; Email ykh@cipla.com]; **NC**.



**1993: HANS-GILL, Rajinder Jeet (Mrs)** (b 1943), PhD, Sp: Geometry of Numbers, Number Theory, Discrete Geometry; FASc, FNASc, FTWAS, Emeritus Professor and INSA Honorary Scientist, *CAS in Mathematics, Panjab University, Chandigarh 160014*; 1611, Sector 44B, Chandigarh 160047 [Tel (0172) 254-1132 (O), 262-4837 (R); Email hansgill@pu.ac.in, hansgillrj@yahoo.co.in]; **Council:** Mem 2003-Oct 04, VP Oct 2004-2005; **SC: I**.



**2022: HARI, Kuchibhotla Venkata Subrahmanya** (b 1962), PhD, Sp: Signal Processing; FIETE, FNAE, FIEEE, Professor, *Department of ECE, Indian Institute of Science, Bengaluru 560012*; NE-119, Block 10, New Housing Colony, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2745 (O), 2360-2868 (R), 98-451-57567 (M); Email hari@iisc.ac.in]; **SC: V**.



**2017: HARINARAYANA, Kota** (b 1943), PhD, Sp: Aeronautical Engineering; FNASc, FASc, FNAE, SERB Distinguished Fellow, CSIR-NAL, Founder, General Aeronautics Pvt. Ltd., Chairman, BOG, IIT BHU; *NEB 3/401, Shriram Spandana, Challaghatta, off Wind Tunnel Road, Bengaluru 560037* [Tel (080) 4201-9017 (R), 98-807-96012 (M); Email hnkota@yahoo.com]; **NC**.



**2021: HARITSA, Jayant Ramaswamy** (b 1964), PhD, Sp: Computer Science (Database Systems); FNASc, FNAE, FASc, FIEEE, FACM, JC Bose National Fellow, Professor (HAG Scale), *Department of Computational & Data Sciences, Indian Institute of Science, Sir CV Raman Road, Bengaluru 560012*; 17/1 Vani Vilas Road, Basavanagudi, Bengaluru 560004 [Tel (080) 2293-2793 (O), 94-490-15894 (M); Fax 2360-2648; Email jharitsa@gmail.com]; **SC: V**.



**2006: HASAN, Gaiti** (b 1956), PhD, Sp: Molecular Genetics, Intracellular Calcium Signalling and Neurobiology; FTWAS, SERB Distinguished Fellow, *National Centre for Biological Sciences, Tata Institute of Fundamental Research, GKVK Campus, Bellary Road, Bengaluru 560065*; No 93-94, 10th Main, Rajmahal Vilas Extn, Bengaluru 560080 [Tel (080) 2366-6140 (O), 2361-3640 (R); Fax 2363-6462; Email gaiti@ncbs.res.in; Web [http://www.ncbs.res.in/gaiti/groups\\_gaiti.htm](http://www.ncbs.res.in/gaiti/groups_gaiti.htm)]; **Lecture:** Professor Darshan Ranganathan Memorial (2019); **Council:** VP 2020-22; **SC: VII**.

**1999: HASNAIN, Seyed Ehtesham** (b 1954), PhD, DSc (*hc*), DMedSc (*hc*), Sp: Functional Biology, Molecular Pathogenesis, New Diagnostics and Novel Interventions against Human Pathogens including *M. tuberculosis*, *SARS-CoV-2*; FASc; FNASc; FTWAS; Member, German National Acad Sci, Leopoldina; Fellow, American Academy of Microbiology, USA; National Science Chair, DBEB, Indian Institute of Technology Delhi (2022-Cont); Distinguished Professor, School of Basic Sciences & Research, Sharda University, Greater Noida (2021); Formerly Invited Professor, KSBS, IIT Delhi (2011-2019); Formerly Vice Chancellor, Jamia Hamdard University (2016-2021); Formerly Vice Chancellor, University of Hyderabad (2005-2011); Formerly First Director, CDFD, Hyderabad (1999-2005); [Email [sehiitd@gmail.com](mailto:sehiitd@gmail.com), [seh@dbeb.iitd.ac.in](mailto:seh@dbeb.iitd.ac.in), [seyed.hasnain@sharda.ac.in](mailto:seyed.hasnain@sharda.ac.in); Web <http://www.seyedhasnain.org>; <http://www.iitd.ac.in>]; **Lecture:** Dr Nitya Anand Endowment (2005), Dr Y Subba Row Memorial (2008); **Council:** Mem 2003-05; **SC: VII.**



**2010: HOSUR, Madhusoodan Vijayacharya** (b 1950), PhD, Sp: Biophysics, X-ray Crystallography; Adjunct Faculty, *National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru 560012*; C-4/8, Kendriya Vihar, Sector 11, Kharghar, Navi Mumbai 410210. Mobile: 98-219-88370 (M); Email [hosurmv@gmail.com](mailto:hosurmv@gmail.com)]; **SC: VIII.**



**1995: HOSUR, Ramakrishna Vijayacharya** (b 1953), PhD, Sp: Biophysical Chemistry, NMR, Structural Biology; FASc, FNASc, FTWAS, Fellow ISMAR; Raja Ramanna Fellow, *UM-DAE Centre for Excellence in Basic Sciences, Mumbai University Campus, Kalina, Mumbai 400098*; Distinguished Visiting Professor, Department of Biosciences and Bioengineering, IIT Bombay, Powai 400076; Honorary Professor, Department of Biophysics, University of Mumbai, Kalina 400078 [Tel 99-870-51556, 77-387-77336 (M); Email [hosur@tifr.res.in](mailto:hosur@tifr.res.in), [rvhosur53@gmail.com](mailto:rvhosur53@gmail.com)]; **Medal:** INSA Young Scientist (1984); **Lecture:** Professor RK Asundi Memorial (1998), Dr Jagdish Shankar Memorial (2003); **Council:** Mem 2008-10; **SC: III.**



**1983: HUSAIN, Akhtar** (b 1928), PhD, Sp: Plant Pathology; FNAAS, formerly Director, CIMAP, Lucknow & VC, Jamia, Hamdard; 50, *Adil Nagar, Kalyanpur, Lucknow 226022* [Tel (0522) 275-2479 (R)]; **SC: X.**



**2002: ILA, Hiriyyakkanavar** (b 1944), PhD, Sp: Synthetic and Medicinal Chemistry; FASc, Hindustan Lever Research Professor, *Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; Apt 002, Block 8, Heritage Estate, Yelahanka, Bengaluru 560064 [Tel (080) 2208-2714 (O), 2366-4357 (R), 99-019-96421 (M); Email [hila@jncasr.ac.in](mailto:hila@jncasr.ac.in)]; **SC: III.**



**2018: INAMDAR, Maneesha Shreedhar** (b 1967), PhD, Sp: Stem Cell Biology, Cardiovascular Development, Hematopoiesis, Angiogenesis; FASc, Director, *Institute for Stem Cell Science and Regenerative Medicine (DBT-inStem), GKVK Campus, Bellary Road, Bangalore 560065*; on deputation from Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur PO, Bengaluru 560064 [Tel (080) 61948200 (O); (080) 61948204 (O); Email [inamdar@instem.res.in](mailto:inamdar@instem.res.in); [inamdar@jncasr.ac.in](mailto:inamdar@jncasr.ac.in)]; **Council:** Mem 2024+; **SC: VII.**





**2001: IQBAL, Javed** (*b* 1947), PhD, Sp: Organic and Medicinal Chemistry; FASc, Founder and Chairman, Incor Life Sciences, Hyderabad; Founder and CEO, Peptomedia Biotech Pty Ltd., Melbourne, Australia; Adjunct Professor, *Department of Chemistry, IIT-ISM, Dhandbad*; *Adjunct Professor, School of Molecular Sciences, La Trobe University, Melbourne, Australia* [Tel 98-497-99444 (M); Email prof.javediqbal@gmail.com, javed.iqbal@incor.in]; **Council:** Mem 2003-05; **SC: III.**



**1989: JACOB, Kallarackel Thomas** (*b* 1944), PhD, DSc Engg (Lond), Sp: Materials Science and Processing, Thermodynamics of Materials, Phase Equilibria, Materials Extraction, Fuel Cells and Solid State Sensors, High Temperature Corrosion; FASc, FNASc, FNAE, Emeritus Professor and NASI Senior Scientist Platinum Jubilee Fellow, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012*; 210, Indira Nagar, Stage I, 7th Cross, Bengaluru 560038 [Tel (080) 2293-2494 (O), 2525-2765 (R), 98-454-79865 (M); Fax 2360-0472; Email katob@iisc.ac.in]; **Medal:** Professor Brahm Prakash Memorial (1998), SH Zaheer (2007); **SC: V.**



**2014: JAGANNATHAN, Naranamangalam Raghunathan** (*b* 1954), PhD, Sp: Clinical and Pre-clinical Cancer Research using Molecular Imaging/Magnetic Resonance Imaging (MRI) & *in-vivo* NMR Spectroscopy/Functional MRI Studies/NMR Metabolomics/Biophysics; FASc, FNASc, FAMS, JC Bose National Fellow (20015-22), *Distinguished Visiting Professor, Koita Centre for Digital Health, IIT, Mumbai 400076*; Advisor, Chettinad Hospital & Research Institute, Kelambakkam, Chennai-603103; and Visiting Professor, Department of Radiology, *Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai 600116*; A-49, Flat S-2, SBI Colony Main, Hindu Colony, 12th Cross Street, Nanganallur, Chennai 600061 [Tel 99-682-92772 (M); Email jagan1954@hotmail.com, nrjgj@yahoo.co.in]; **Lecture:** JL Nehru Birth Centenary (2020); **Council:** VP 2017-19; **SC: IX.**



**2005: JAIN, Arvind Kumar** (*b* 1944), PhD, Sp: Geology, Structural Geology & Tectonics; formerly Professor, Department of Earth Sciences, IIT Roorkee, Roorkee; 483, Solani Puram, Roorkee 247667 [Tel 94-120-74235 (M); Email himalfes@gmail.com]; **Medal:** Professor K Naha Memorial (2022); INSA Senior Scientist (2011-15), INSA Honorary Scientist (2016-21); **SC: IV.**



**1981: JAIN, Dharam Vir Singh** (*b* 1933), PhD (S Calif), Sp: Physical & Theoretical Chemistry; FASc, FNASc, Department of Chemistry, Panjab University, Chandigarh 160014; formerly Professor of Physical Chemistry & Director, RSIC, Panjab University, Chandigarh; *1529, Sector 49-B, Pushpac Complex, Chandigarh 160047* [Tel (0172) 253-4415 (O), 507-2127 (R), 95-692-13466, 79-865-12829 (M); Fax 254-5074; Email dvsjain@pu.ac.in, dvsjain@yahoo.com]; **Lecture:** JL Nehru Birth Centenary (1999); INSA Senior Scientist (1996-2001), INSA Honorary Scientist (2006-15); **Council:** Ed Pub 1987-90, Sec 1994-96; **SC: III.**



**2019: JAIN, Neeraj** (*b* 1960), PhD, Sp: Neuroscience; FNASc; Professor, *Department of Bioscience and Bioengineering, and Head, School of Artificial Intelligence and Data Science, Indian Institute of Technology Jodhpur, NH 62, Karwar, Jodhpur 342030*; formerly Director, *National Brain Research Centre, Manesar, Gurugram* [Tel (0291) 280-1216 (O), 98-104-46444 (M); Email neeraj.jain@iitj.ac.in, neerajjain4e4a@gmail.com; Web http://neerajlab.weebly.com]; **SC: IX.**

**1978: JAIN, Padam Chand** (*b* 1930), PhD, Sp: Numerical Mathematics, Computational Algorithms; FNASc, formerly Professor & Head, Department of Mathematics, IIT, Mumbai; 3389, Sector D/3, Vasant Kunj, New Delhi 110070 [Tel (011) 4602-4055 (R)]; **SC: I.**



**1992: JAIRAJPURI, Mohammad Shamim** (*b* 1942), PhD, DSc, Sp: Nematology, Parasitology Taxonomy, Biological Diversity; FASc, FNASc, FNAAS, FTWAS, INSA Emeritus Scientist & Adjunct Professor of Nematology, IARI, New Delhi 110012; formerly Professor of Zoology, Aligarh Muslim University, Aligarh 202002; formerly VC, MANUU, Hyderabad & Director, Zoological Survey of India; Flat No. 104, First Floor, 274-Aslam Manzil, Block-B, Jamia Nagar (Okhla Village), New Delhi 110025 [Tel 95-409-81665 (O & R); Email msjairajpuri@gmail.com]; **Lecture:** Professor Har Swarup Memorial (2000); **Visiting Fellowship:** JL Nehru Birth Centenary (2004); INSA Honorary Scientist (2009-15); **Council:** Mem 1995-97, VP 2001-03; **SC: VI.**



**2004: JAMEEL, Shahid** (*b* 1957), PhD, Sp: Virology; FASc, FNASc, Fellow OCIS and Green Templeton College, University of Oxford, UK; Visiting Professor, Ashoka University, Rajiv Gandhi Education City, Sonapat, Haryana 131029; 26, Zakir Bagh, New Delhi 110025 [Tel +44 (01865) 618500 (O), (011) 2684-0631 (R); Email jameelshahid@gmail.com; Web <http://www.oxcis.ac.uk/>]; **Lecture:** Dr MR Das Memorial (2008); **SC: IX.**



**2020: JASRA, Raksh Vir** (*b* 1952), PhD, Sp: Catalysis, Adsorption, Petrochemicals, R&D Leadership, NanoPorous Materials; FNAE, Senior Vice-President (R&D), R&D Centre, Reliance Industries Ltd., P.O. Petrochemicals, Vadodara 391346; B-245, Sundervan Housing Society, New Sama Road, Vadodara 390024 [Tel (0265) 284-2304, 261-6313 (O), 271-1986 (R), 97-243-14454 (M); Email rakshvir.jasra@ril.com, rvjasra@gmail.com]; **SC: III.**



**2017: JAYAKRISHNAN, Athipettah** (*b* 1953), PhD, Sp: Polymer Chemistry, Biomaterials; FASc, Raja Ramanna Fellow, Rajiv Gandhi Centre for Biotechnology, Jagathy, Trivandrum 695014; TC39/2221, Seventh Day School Road, Thirumala P.O., Trivandrum 695006 [Tel (0471) 278-1279 (O), 235-3309 (R), 99-467-92226 (M); Email jayakrishnan1953@gmail.com, jayakrishnana@rgcb.res.in]; **SC: III.**



**2021: JAYANANDA, Mudlappa** (*b* 1959), PhD, Sp: Petrology, Solid Earth Geochemistry and Tectonics; FASc, FNASc, Senior Professor and JC Bose Fellow, Centre for Earth, Ocean and Atmospheric Sciences, University of Hyderabad, Prof. CR Rao Road, Gachibowli, Hyderabad 500046; No. G3, Satyam Block, Fortune Kumkum Heights, Masjid Banda, Kondapur, Hyderabad 500084 [Tel (040) 2321-2669 (O), 95-607-14425, 86-184-21127 (M); Email mjayan.geol@gmail.com]; **SC: IV.**



**2002: JAYANAVAR, Arun Mallojirao** (*b* 1956), PhD, Sp: Condensed Matter Physics (Theory); FASc, FNASc, Senior Professor, Institute of Physics, PO Sainik School, Bhubaneswar 751005; Institute of Physics Campus, PO Sainik School, Bhubaneswar 751005 [Tel (0674) 230-6404 (O), 99-372-03925 (M); Fax 230-0142; Email jayan@iopb.res.in]; **SC: II.**





**2010: JAYARAM, Vikram** (*b* 1956), PhD, Sp: Materials Science and Engineering; FASc, FNASc, FNAE, Honorary Professor, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012*; M204, Brigade Gateway, 26/1 Dr Rajkumar Road, Malleshwaram West, Bengaluru 560055 [Tel (080) 2293-3243, 2293-2263 (O), 96-633-68667 (M); Fax 2360-1198, 2360-0472; Email [qjayaram@iisc.ac.in](mailto:qjayaram@iisc.ac.in), [qjayaram@yahoo.com](mailto:qjayaram@yahoo.com)]; **SC: V.**



**1998: JEMMIS, Eluvathingal Devassy** (*b* 1951), PhD (Princeton), Sp: Theoretical and Computational Chemistry; FASc, FNASc, FTWAS, Year of Science Chair Professor-SERB, *Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru 560012*; formerly Director, IISER, Thiruvananthapuram; No. 324, Embassy Heritage, 8th Main Road, Malleshwaram, Bengaluru 560055 [Tel (080) 2293-3347/48 (Lab), 2367-0324 (R), 94-835-98097 (M); Fax 2360-1552; Email [jemmis@gmail.com](mailto:jemmis@gmail.com), [jemmis@iisc.ac.in](mailto:jemmis@iisc.ac.in); Web <http://ipc.iisc.ac.in/edj.php>]; **Medal:** INSA Young Scientist (1982), AK Bose Memorial (1988), Golden Jubilee Commemoration (Chem Sc) (2019); **Lecture:** Dr Jagdish Shankar Memorial (2000); **Council:** Mem 2012-14; **SC: III.**



**2015: JHA, Bhavanath** (*b* 1958), PhD, Sp: Plant Molecular Biology & Biotechnology, Stress Genomics, Coastal & Marine Biotechnology, Gene Mining and Translational Research; FNASc, FNAAS, formerly Chief Scientist & Divisional Chair, Marine Biotechnology and Ecology Division, CSIR-Central Salt and Marine Chemicals Research Institute, G.B. Marg, Bhavnagar 364002, Gujarat; *Flat No. 401, RGS GREEN Apartments, Opposite Gate No. 32A, Rajapur, Patna 800001, Bihar* [Tel 94-272-32120, 70-162-34913 (M); Email [jha.bhavanath@gmail.com](mailto:jha.bhavanath@gmail.com)]; **SC: VII.**



**1979: JHA, Sudhanshu Shekhar** (*b* 1940), PhD (Stanford), Sp: Solid State Physics & Optoelectronics; FASc, FNASc, FTWAS, Honorary Professor, UM-DAE Centre for Excellence in Basic Sciences, Mumbai; formerly Director, TIFR, Mumbai and Distinguished Guest Professor, IIT Bombay, Powai, Mumbai; *402, Vigyanshila, Jubu-Versova Link Road, 7 Bungalows, Andheri (W), Mumbai 400061* [Tel (022) 2632-7413 (R), 98-924-98234 (M); Email [ss\\_jhain@hotmail.com](mailto:ss_jhain@hotmail.com)]; **Medal:** SN Bose (1992); **Lecture:** JL Nehru Birth Centenary (1991); **Council:** Mem 1999-2001; **SC: II.**



**2023: JHALA, Yadvendradev Vikramsinh** (*b* 1962), PhD, Sp: Wildlife Ecology, Behaviour, Conservation, Genetics, Population Ecology, Nutrition, Dean & Senior Professor (Retd.), *Wildlife Institute of India, Chandrabani, Dehradun, Uttarakhand, 248001*; *Chandrabbuvan, Darbargarh, Wadhwan 363030, Gujarat*; [Tel 98-970-27262 (M); Email [yvjhala@gmail.com](mailto:yvjhala@gmail.com)]; **SC: VI.**



**2000: JHUNJHUNWALA, Ashok** (*b* 1953), PhD, Sp: Decentralized Solar Power Systems, Electric Vehicles, Telecommunication, Wireless Communications, Computer Networks Institute Professor, Fibre Optics, Industry-Academia Interaction; Innovation and Incubation of Start-ups; FASc, FNASc, FNAE, FIEEE, *Indian Institute of Technology Madras, Chennai 600036* [Tel (044) 2257-0120; Email [ashok@tenet.res.in](mailto:ashok@tenet.res.in); Web <http://www.tenet.res.in>]; **Lecture:** JL Nehru Birth Centenary (2006); **Council:** Mem 2008-10; Padma Shri Award (2002); **SC: V.**

**2013: JOG, Chanda Jayant** (*b* 1954), PhD, Sp: Astrophysics of Galaxies; FASc, FNASc, FTWAS, Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; Apt 1B, Vastra Bhavan, No. 64, 4th Main, off 18th Cross, Malleswaram, Bengaluru 560055 [Tel (080) 2293-3285, 2360-7703 (O); Fax 2360-2602; Email [cjjog@iisc.ac.in](mailto:cjjog@iisc.ac.in); Web <http://www.physics.iisc.ac.in/~cjjog/>]; **Medal:** HJ Bhabha (2017); **Council:** Mem 2017-19; **SC: II.**



**1997: JOHN, Thekkekara Jacob** (*b* 1935), MBBS, DCH, PhD, DSc, Sp: Medicine: Paediatrics, Microbiology & Virology; FASc, FNASc, FIAP, FAMS, FRCP, formerly Professor & Head, Department of Clinical Virology, Christian Medical College & Hospital, Vellore 632004; *Thekkekara, 439 Civil Supplies Godown Lane, Vellore 632002* [Tel (0416) 226-7364 (R), 78-453-38188 (M); Email [tjacobjohn@yahoo.co.in](mailto:tjacobjohn@yahoo.co.in)]; **Lecture:** Dr TS Tirumurti Memorial (2003); **SC: IX.**



**1993: JOHRI, Man Mohan** (*b* 1940), PhD, Sp: Molecular Biology of Plants; FASc, formerly Professor and Chair, Department of Biological Sciences, TIFR, Mumbai; *32, New Cosmos, Jubu-Versova Link Road, Andheri (W), Mumbai 400053* [Tel (022) 2670-3270 (R), 99-305-64129 (M); Email [mjohri06915@yahoo.co.in](mailto:mjohri06915@yahoo.co.in)]; **Lecture:** BN Chopra (1995); **Council:** Mem 2003-05; **SC: VII.**



**2011: JOSEPH, Kayyunnappara Thomas** (*b* 1956), PhD, Sp: Hyperbolic Conservation Laws and Parabolic PDES, Boundary Layers and Delta Shocks; FASc; No. 31, Sri Guru Deepam, Flat No. 201, 2<sup>nd</sup> Cross, 4<sup>th</sup> Main Santhosh Nagar, Attur, Yelahanka, Bengaluru 560064 [Tel 72-591-50130 (M); Email [ktj@tifrbng.res.in](mailto:ktj@tifrbng.res.in)]; **SC: I.**



**2011: JOSHI, Amitabh** (*b* 1965), PhD, Sp: Evolutionary and Chair, Genetics and Population Ecology; FASc, FNASc, JC Bose National Fellow, Professor and Chair, *Evolutionary and Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064* [Tel (080) 2208-2802 (O) 2208-2803 (Lab), 93-413-54233 (M); Fax 2208-2766; Email [ajoshi@jncasr.ac.in](mailto:ajoshi@jncasr.ac.in)]; **Lecture:** Professor Har Swarup Memorial (2017); **SC: VI.**



**2013: JOSHI, Arun Kumar** (*b* 1958), PhD, Sp: Agricultural Sciences; CIMMYT Asia Regional Representative & Director Borlaug Institute for South Asia (BISA), *International Maize and Wheat Improvement Center (CIMMYT), G-2, B-Block, NASC Complex, DPS Marg, New Delhi 110012* [Tel (011) 2584-2940, 2584-2938 (O), 94-152-21526 (M); Email [joshi\\_vns@yahoo.com](mailto:joshi_vns@yahoo.com), [a.k.joshi@cgiar.org](mailto:a.k.joshi@cgiar.org)]; **SC: X.**



**1995: JOSHI, Jyeshtharaj Bhalchandra** (*b* 1949), PhD (Tech), Sp: Chemical Engineering; FASc, FNASc, FNAE, FTWAS, International Member USNAE, Emeritus Professor of Eminence, Institute of Chemical Technology; Distinguished Professor (emeritus), *Homi Bhabha National Institute, Training School Complex, Anushaktinagar, Mumbai 400094*; 401, Shubh Ashirwad Society, 5th Lane, Hindu Colony, Dadar East, Mumbai 400014 [Tel (022) 2559-7625 (O), 2411-5448 (R); Fax 3361-1020; Email [jbjoshi@gmail.com](mailto:jbjoshi@gmail.com)]; **Medal:** INSA Young Scientist (1981), Vishwakarma (2000), SH Zaheer (2008); **SC: V.**





**2013: JOSHI, Pankaj Shantil** (b 1953), PhD, Sp: Gravitation Theory and Cosmology; FNASc, FTWAS; Distinguished Professor and Founding Director, *International Center for Space and Cosmology (ICSC)*, Ahmedabad University, Ahmedabad 380009; earlier Vice-Chancellor, Charusat University, Anand 388421; Senior Professor, TIFR, Mumbai [Tel: 079 6191 1000; Email psjcosmos@gmail.com]; **Medal:** INSA-VainuBappu Memorial (2019); Convener, INSA Chapter (Gujarat & Rajasthan); **SC: II.**



**2023: JOSHI, Yogesh Moreshwar** (b 1974), PhD, Sp: Chemical Engineering, Rheology, Soft Matter, FNASc, FNAE, Pandit Girish & Sushma Rani Pathak Chair Professor, *Department of Chemical Engineering, Indian Institute of Technology, Kanpur, Uttar Pradesh 208016*; 4 Indrayani, Patrakar Nagar, Pune, Maharashtra 411016 [Tel (+91) 5126797993 (O); 97-930-76767 Email joshi@iitk.ac.in]; **Medal:** INSA Young Scientist (2006); **SC: V**



**2007: JOSHIPURA, Anjan Sidhvantlal** (b 1950), PhD, Sp: High Energy Physics; FASc, FNASc, *Theoretical Physics Group, Physical Research Laboratory, Navarangpura, Ahmedabad 380009*; N104, Indraprastha 6, Prahaladnagar, Ahmedabad 380051 [Tel (079) 4005-8842 (R); Fax 2631-4460; Email anjanjoshipura@gmail.com]; **SC:II.**



**2012: JOY, Keerikkattil Paily** (b 1950), PhD, Sp: Neuroendocrinology, Reproductive Endocrinology; INSA Senior Scientist (2015-18 & 2019-21) & INSA Emeritus Scientist (2018-19), Cochin University of Science and Technology, Department of Biotechnology; Former Professor, Head of Department and Co-ordinator, CAS, Department of Zoology, Banaras Hindu University, Varanasi 221005; *Keerikkattil, Vadavcode P.O., Ernakulam, Kerala 682310* [Tel 82-812-74891, (M); Email kpjoy@bhu.ac.in, kpjoybhu@gmail.com, keerikkattilpailyjoy@yahoo.com]; **SC: VII.**



**1990: JUNJAPPA, Hiriyaikkanavar** (b 1936), PhD, Sp: Synthetic and Mechanistic Organic Chemistry; FASc, Research Professor, Chemistry Research Unit, REVA Institute of Science and Management, Kattigenahalli, Yelahanka, Bengaluru 560064; formerly Professor & Head, Department of Chemistry, North Eastern Hill University, Shillong; *Flat No. 002, Block 8, Heritage Estate, Doddaballapur Road, Yelahanka, Bengaluru 560064* [Tel (080) 2366-4357 (R), 98-453-72078 (M); Email junjappa\_123@rediffmail.com]; INSA Senior Scientist (2012-15), INSA Honorary Scientist (2017-19); **SC: III.**



**2013: KAILAS, Swaminathan** (b 1949), PhD, Sp: Accelerator Based Nuclear Physics and Applications; FASc, INSA Senior Scientist, *UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai, Mumbai 400098*; formerly Director, Physics Group, BARC, Mumbai; 501 Tulip, Neelkanth Gardens Govandi, Mumbai 400088 [Tel 2551-2291 (R), 98-190-66226, 99-691-53075 (M); Email drskailas@rediffmail.com, swaminathankailas305@gmail.com, kailas@cbs.ac.in]; **SC: II.**



**2004: KAMRA, Adarsh Kumar** (b 1944), PhD, Sp: Atmospheric Sciences; FASc, INSA Emeritus Scientist, *Indian Institute of Tropical Meteorology, Dr Homi Bhabha Road, Pashan, Pune 411 008*; 203, Tulip, The Cosmopolitan Housing Society, Aundh, Pune 411007 [Tel (020) 2590-4281 (O), 97-645-36103 (M); Fax 2586-5142; Email kamra@tropmet.res.in]; INSA Emeritus Scientist (2014-19); **SC: IV**.



**2016: KANG, Gagandeep** (b 1962), MBBS, MD, PhD, FRCPath, Sp: Medicine, Microbiology, Vaccines, Enteric Infections, Public Health, Nutrition; FASc, FNASc, FFPH, FAAM, FFPH, FRS, *Director, Enterics, Diagnostics, Genomics and Epidemiology, Global Health, Bill and Melinda Gates Foundation, Seattle, WA 98109 USA* +12066043384 (M); Fax 228-2294; Email gagandeep.kang@gatesfoundation.org; **Medal:** Meghnad Saha (2021); **SC: IX**.



**2019: KANJILAL, Dinakar** (b 1955), PhD, Sp: Material Sciences & Engineering, Condensed Matter Physics, Accelerator Physics; FNASc, DAE Raja Ramanna Fellow & Former Director, *Inter-University Accelerator Centre (IUAC), Aruna Asaf Ali Marg, New Delhi 110067*; B-225, Prodyogiki Appt, Plot 11, Sector-3, Dwarka, New Delhi 110078 [Tel (011) 2412-6018 (O), 98-687-16629 (M); Fax 2412-6041; Email dkiuac@gmail.com, dk@iuac.res.in]; **SC: II**.



**1987: KANNAN, Kazhiur Kothandapani** (b 1939), PhD, Sp: Macromolecular Crystallography, Molecular Biology; FASc, formerly Scientific Officer, Solid State Physics Division, Atomic & Condensed Matter Physics Group, BARC, Mumbai; *F206, Redwood, Raheja Residency, Koramangala, 3rd Block, Bengaluru 560034* [Tel (080) 2550-5829 (R), 87-627-80061 (M); Email kannan\_99@yahoo.com]; **Lecture:** JL Nehru Birth Centenary (1992); INSA Senior Scientist (1998-02); **Council:** Sec 1993-95; **SC: VIII**.



**1994: KANNAN, Varadachariar** (b 1946), PhD, Sp: Mathematical Analysis & Topology; FASc, FNASc, Professor, SRM University AP, Amaravati; *1-1448, Koneru Street, Mangalagiri, Guntur Dt., Andhra Pradesh 522503* [Tel 99-491-93737 (M); Email vksm.uoh@nic.in, kannan.v@srmmap.edu.in]; **Council:** Mem 2007-09; **SC: I**.



**2022: KANT, Rama** (b 1963), PhD, Sp: Fundamental and Theoretical Electrochemistry, Theoretical Polymer Physics and Complex Systems; FASc, Professor, *Department of Chemistry, University of Delhi, Delhi 110007*; C820, DDA Rohini Heights, Sector 29, Rohini, New Delhi-110042 [Tel (011) 2766-6646 Ext 188 (O), 98-105-77668 (R); Fax 2766-6605; Email rkant@chemistry.du.ac.in, rama\_kant\_99@yahoo.com] **SC: III**.



**2007: KANT, Tarun** (b 1946), PhD, Sp: Solid & Structural Mechanics; FASc, FNASc, FNAE, Professor Emeritus, *Department of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; 201, Shree Ram Niwas, Opp. IIT Bombay, IIT Market, Powai, Mumbai 400076 and C-802 Aparna Sarovar, Nallagandla, Hyderabad 500046 [Tel (022) 2576-7301 (O), 99-691-64646 (M); Email tkant@civil.iitb.ac.in, tkant1946@gmail.com; Web <http://www.civil.iitb.ac.in/~tkant>]; **Medal:** Professor Brahm Prakash Memorial (2019); **Council:** Mem 2020-22; **SC: V**.





**1984: KAPOOR, Shyam Sunder** (*b* 1938), PhD, Sp: Nuclear Physics, Particle Detectors, Particle Accelerators & Applications; FASc, FNASc, INSA Emeritus Scientist, formerly DAE HomiBhabha Professor and Director, Physics and Electronics & Instrumentation Groups, **BARC, Mumbai**; *A-3, Banganga, Govandi Station Road, Deonar, Mumbai 400088* [Tel (022) 7969-5711 (R), 93-235-04942 (M); Email kapoorss2002@yahoo.co.in]; INSA Honorary Scientist (2008-15); **Council:** Mem 1996-98; **SC: II.**



**2015: KAPURIA, Santosh** (*b* 1968), PhD, Sp: Structural Mechanics, Multifunctional Structures; FASc, FNASc, FNAE, JC Bose National Fellow, R. C. Malhotra Chair Professor and Head, *Department of Applied Mechanics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016*; Former Director, *CSIR-Structural Engineering Research Centre, Taramani, Chennai 600113*; 18 Vikramshila, IIT Campus, Hauz Khas, New Delhi 110016 [Tel (011) 2659-1218 (O), 2658-1563 (R), 96-547-28776 (M); Email kapuria@am.iitd.ac.in]; **SC: V.**



**2014: KAR, Premashis** (*b* 1950), MD, DM, PhD, Sp: Gastroenterology; FRCP, FAMS, INSA Senior Scientist, Director and Head, Department of Gastroenterology and Hepatology, Max Super Speciality Hospital, W-3 Sector-1, Vaishali 201012, Ghaziabad; formerly Director, Professor of Medicine & Gastroenterologist, New Delhi; *House No-B001, Pragjyotishpur Apartments, Plot No-7, Sector 10, Dwarka, New Delhi 110075* [Tel (011) 2808-4181 (R), 98-110-42164 (M); Email premashishkar@gmail.com]; **SC: IX.**



**2006: KARANDIKAR, Rajeeva Laxman** (*b* 1956), PhD, Sp: Probability and Statistics; FASc, Professor Emeritus, *Chennai Mathematical Institute, H1 SIPCOT IT Park, Siruseri 603103, Chennai* [Tel (044) 7196-1006 (O), 81-448-13296 (M); Fax 2747-0225; Email rkarandikar@gmail.com, rlk@cmi.ac.in]; **Medal:** INSA Young Scientist (1985); **Council:** Mem 2013-15; **SC: I.**



**1994: KARTHA, Vasudevan Bhaskaran** (*b* 1934), PhD, Sp: Analytical Spectroscopy, Atomic & Molecular Physics, Laser Biomedical Applications; FASc, Advisor, Department of Atomic and Molecular Physics, Manipal University, Manipal 576104; *Apt. 007, BLESS HOMES Pvt. Ltd, Chembarakky, S. Vazhakkulam, Aluva 683105, Kerala* [Email sbkartha@hotmail.com, bhasikartha@gmail.com]; **Lecture:** Professor KR Rao Memorial (1991); **SC: III.**



**2014: KASBEKAR, Durgadas Prabhakar** (*b* 1956), PhD, Sp: Fungal Genetics and Molecular Biology; FASc, INSA Honorary Scientist, *Centre for DNA Fingerprinting and Diagnostics, Inner Ring Road, Uppal, Hyderabad 500039*; K-127, Vaishali Garden Apartments, Street No. 20, Tarnaka, Hyderabad 500017 [Tel (040) 2721-6000 (O), 2717-3903 (R), 89-782-51840 (M); Fax 2721-6006; Email kas@cdfd.org.in]; **SC: VII.**



**1979: KASTURI, Tirumalai Rangachar** (*b* 1931), PhD, DSc, Sp: Synthetic & Mechanistic Organic Chemistry; FASc, INSA Senior Scientist, formerly Professor, Department of Organic Chemistry, IISc, Bengaluru; *237, Senator Place, Cincinnati, 45220, Ohio, USA* [Tel (+1) (513) 827-1015; Email premakasturi@yahoo.in]; **SC: III.**

**1989: KASTURIRANGAN, Krishnaswamy** (*b* 1940), PhD, DSc (*hc*), Sp: Experimental Astronomy, Satellite Technology & Remote Sensing Systems; FASc, FNASc, FNAE, FTWAS, Honorary Distinguished Advisor, Indian Space Research Organisation; Distinguished Professor Emeritus, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru 560012; *Flat No. 1002, Alder 1, Godrej Woodsman Estate, Bellary Road, Hebbal, Bengaluru 560024* [Tel (080) 2361-0522 (O); Fax 2361-0492; Email k.rangan@gov.in]; **Medal:** Aryabhata (2000); **Council:** Mem 1993-94; **SC: V.**



**2009: KATOCH, Vishwa Mohan** (*b* 1953), MD, Sp: Microbiology and Molecular Biology of Mycobacteria/Mycobactriology; FASc, FNASc, FAMS, former Secretary, Department of Health Research and former Director General, Indian Council for Medical Research; *B-16, Govind Marg, Opposite Baraf Khana, Raja Park, Jaipur 302004* [Tel 99-100-53701 (M); Email vishwamohan\_katoch@yahoo.co.in]; **SC: IX.**



**2006: KAUL, Deepak** (*b* 1953), PhD, FRCPath(Lond), Sp: Molecular Medicine, Functional Genomics, Genomic-Immunity; FICA, FWAAS, Founder-Professor, Molecular Biology Unit, Senior Professor & Head, *Department of Experimental Medicine & Biotechnology, Postgraduate Institute of Medical Education & Research, Chandigarh 160012*; HNo. 1041, Sector-37B, Chandigarh 160036 [Tel (0172) 275-5228, 275-5233 (O), 268-6434 (R); Fax 274-4401; Email dkaul\_24@hotmail.com, dkaul235@gmail.com]; **SC: IX.**



**1998: KAUL, Romesh Kumar** (*b* 1952), PhD, Sp: Quantum Field Theory, High Energy Physics & Quantum Gravity; FASc, Centre for High Energy Physics (CHEP), *Indian Institute of Science, Bangalore 560012* [Tel 94-449-24065 (M); Email romeshkaul1952@gmail.com; kaul@imsc.res.in]; **Medal:** INSA Young Scientist (1982); **SC: II.**



**2007: KAUL, Sharika Nandan** (*b* 1949), DIIT, PhD, Sp: Condensed Matter Physics, Materials Science, Nanoscience and Nanotechnology; FASc, JC Bose National Fellow, Coordinator, Center for Nanotechnology, University of Hyderabad (2008-2014); INSA Honorary Scientist, Senior Professor, *School of Physics, University of Hyderabad, Hyderabad 500046*; Flat No. H-402, Aparna Sarover Grande, Nallagandla, Hyderabad 500019 [Tel (040) 2313-4322 (O); Fax 2301-0227; Email kaul.sn@gmail.com, sn.kaul@uohyd.ac.in, kaul\_sn@yahoo.com]; INSA Senior Scientist (2014-19); **SC: II.**



**2023: KAUR, Rupinder** (*b* 1971), PhD, Sp: Medical Mycology, Yeast Genetics and Molecular Biology, FNASc, FASc, Staff Scientist – VII, *Centre for DNA Fingerprinting and Diagnostics (CDFD), Inner Ring Road, Uppal, Hyderabad, Telangana 500039*; House No. 35 (GF), MIG Flats, Madan Lal Dhingra Complex, Mall Mandi, Amritsar, Punjab, India 143001 [Tel 97-044-39996 (M); Email rkaur@cdfd.org.in]; **SC: VII.**



**1987: KESAVAN, Parthasarathy Chenna** (*b* 1938), PhD, Sp: Radiation Biology, Genetics, Biodiversity, Sustainability Science; FNASc, FNAAS, Distinguished Fellow, *MS Swaminathan Research Foundation, III Cross Road, Institutional Area, Taramani, Chennai 600113*; 'Sengamalam', N-19 Maxworth Nagar, Kovilambakkam, Sunnambu Kolathur, Chennai 600129 [Tel (044) 6529-9023 (D), 2254-1698, 2254-2698 (O), 2268-2254 (R), 94-440-24013 (M); Fax 2254-1319; Email pckamalam38@gmail.com; Web www.mssrf.org]; **SC: VI.**





**1977: KESSAR, Satinder Vir** (*b* 1932), PhD (S Calif), Sp: Synthetic Organic Chemistry; FASc, FTWAS, Professor Emeritus, *Department of Chemistry, Panjab University, Chandigarh 160014*; 635, Sector 11, Chandigarh 160011 [Tel (0172) 254-1435 (O), 274-7308 (R); Email svkessar@pu.ac.in]; **Medal:** Golden Jubilee Commemoration (Chem Sc) (1992), Meghnad Saha (1996); INSA Honorary Scientist (2006); **Council:** Mem 1992, VP 1993-94; **SC: III.**



**2003: KHAKHAR, Devang Vipin** (*b* 1959), PhD, Sp: Chemical Engineering; FASc, FNASc, FNAE, *Department of Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076* [Tel (022) 2576-7212 (O), 98-206-05351 (M); Email khakhar@iitb.ac.in; Web <http://www.che.iitb.ac.in/faculty/dvk.html>]; **Council:** Mem 2011-13; VP 2021-23; **SC: V.**



**1981: KHAN, Mirza Mohammad Taqui** (*b* 1931), PhD, Sp: Inorganic Chemistry, Homogeneous Catalysis; FASc, FNASc, formerly Director, CSMCRI, Bhavnagar, Emeritus Scientist (CSIR), Department of Chemistry, & Honorary Advisor, Academic & Scientific Development Programme, Osmania University, Hyderabad; *479-17-3, Yakutpura, Hyderabad 500023* [Tel (040) 2452-4371(R)]; **SC: III.**



**2005: KHANDUJA, Sudesh Kaur** (*b* 1951), PhD, Sp: Algebra, Algebraic Number Theory; FASc, FNASc, FTWAS, INSA Honorary Scientist, *Indian Institute of Science Education & Research (IISER), Mohali, Sector 81, Knowledge City, SAS Nagar, PO Manauli 140306, Punjab*; Professor Emeritus, *Centre for Advanced Study in Mathematics, Panjab University, Chandigarh 160014*; H No 1297, Sector 37-B, Chandigarh 160036 [Tel (0172) 224-0266 (O), 98-152-04096 (M); Email skhanduja@iisermohali.ac.in]; **Medal:** Srinivasa Ramanujan (2022) **Lecture:** Professor VV Narlikar Memorial (2015); **SC: I.**



**2018: KHANNA, Navin Chandra** (*b* 1956), PhD, Sp: Biotechnology: Recombinant Proteins of Medical Use; FNASc, FASc, Retired in December 2022 from *International Center for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067*; 4373, B-5, Vasant Kunj, New Delhi 110070 [Tel (011) 4176-1859 (R), 96-501-00229 (M) navinkhanna5@gmail.com]; **Council:** Mem 2024-; **SC: VIII.**



**1994: KHANNA-CHOPRA, Renu** (*b* 1949), PhD, Sp: Plant Physiology, Stress Physiology, Biochemistry; FNASc, FNAAS, INSA Senior Scientist, ICAR National Fellow, *Department of Biotechnology, School of Chemical and Life Sciences, Jamia Hamdard, Hamdard Nagar, New Delhi 110062*; A1/153, Paschim Vihar, New Delhi 110063 [Tel (011) 2605-9688 (O), 98-990-17170, 90-138-91001 (M); Email renu\_wtc@rediffmail.com, renu.chopra3@gmail.com]; **Medal:** INSA Young Scientist (1978); **Council:** Mem Oct 2009-11; **SC: VII.**

**2012: KHARE, Avinash** (b 1954), PhD, Sp: Plasma Physics, Statistical Mechanics, Critical Phenomenon; FNASc, FASc, Homi Bhabha Fellow, Vice-Chancellor, *Central University of Sikkim, 6th Mile, Samdur, P.O., Tadong, Gangtok, Sikkim 737102*; C-20 (29/31) University Apartments, Chhatra Marg, University of Delhi, Delhi 110007 [Tel (03592) 251-067/251-073 (O), 97-183-28154 (M); Email khareavinash82@gmail.com, vc@cus.ac.in]; **Lecture:** Dr Biren Roy Memorial (2016); **SC: II.**



**1996: KHARE, Avinash Vasant** (b 1945), PhD, Sp: Theoretical Physics; FASc, INSA Honorary Scientist 2019-, *Department of Physics, Savitribai Phule Pune University, Pune 411007* [Tel (020) 2569-2678 Ext 333 (O), 97-653-96369 (M); Fax 2569-1684; Email khare@physics.unipune.ac.in]; INSA Senior Scientist (2015-18, 2020-21); **Council:** Mem 2002-04; **SC: II.**



**1994: KHEHRA, Amarjit Singh** (b 1934), PhD, Sp: Plant Breeding & Quantitative Genetics; FNAAS, formerly VC, PAU, Ludhiana; *903, Phase 3B2, Sector 60, Mohali 160059, Punjab* [Tel (0172) 465-1903 (R), 98-882-60002 (M); Email khehra.amarjit@yahoo.com]; **SC: X.**



**2020: KHOSLA, Sanjeev** (b 1969), PhD, Sp: Epigenetics, Host-pathogen Interaction; FNASc, Director, *CSIR-Institute of Microbial Technology, Sector 39A, Chandigarh 160036*; H.No.-E1, IMTech Housing, Sector 39A, Chandigarh 160036 [Tel (0172) 269-0785 (O), 666-5501 (R), 99-499-52300 (M); Fax 269-0585; Email sanjuk@imtech.res.in]; **SC: VII.**



**2011: KHURANA, Paramjit** (b 1956), PhD, Sp: Plant Biotechnology, Molecular Biology, Genomics; FASc, FNASc, FNAAS, FTWAS, JC Bose National Fellow, Professor, *Department of Plant Molecular Biology, University of Delhi, South Campus, New Delhi 110021* [Tel (011) 2411-5096 (O), 2411-9090 (R), 97-110-06512 (M); Fax 2411-9430; Email param@genomeindia.org, paramjitkhurana@hotmail.com; Web <http://www.south.du.ac.in/dpmbindex.php?page=p-khurana>]; **Medal:** Professor Har Swarup Memorial (2021); **Council:** Ad Mem 2016, 2017, 2018, 2022; **SC: VII.**



**1978: KHUSH, Gurdev Singh** (b 1935), PhD (Calif), Dsc (*hc*), Sp: Plant Breeding & Genetics; FASc, FNAAS, FTWAS, FRS, Foreign Assoc US NAS, *39399 Black Hawk Place, Davis California 95616, USA* [Tel (530) 750-2440; Email gurdev@khush.org]; **Medal:** CV Raman (2007); **SC: X.**



**2016: KIRTI, Pulugurtha Bharadwaja** (b 1953), PhD, Sp: Plant Molecular Biology; FNASc, FNAAS, Professor, *Department of Plant Sciences, University of Hyderabad, Hyderabad 500046*; 5-562, Deepthisri Nagar, Madinaguda, Hyderabad 500046 [Tel (040) 2313-4545 (O), 2004-4664 (R); Fax 2301-0120; Email pbksl@uohyd.ernet.in]; **SC: VII.**





**1991: KOCHUPILLAI, Narayan Panicker** (*b* 1939), MD, Sp: Endocrinology, Metabolism, Diabetes & Biotechnology; FASc, FAMS, Director, Endocrinology Metabolism & Diabetics, SRM Medical College, SRM University, Kattankulathur PO, Tamil Nadu 603203; *Flat No. 401, ITPL Residence Complex, International Technology Park, Whitefield Road, Bengaluru 560066* [Tel 98-183-09294, 95-358-56134 (M); Email [narayanakochupillai@gmail.com](mailto:narayanakochupillai@gmail.com)]; **Medal:** Shree Dhanwantari (2009); **SC: IX.**



**2012: KOHLI, Ravinder Kumar** (*b* 1953), PhD, Sp: Physiological Ecology, Invasion Plant Ecology, Forestry; FRS-B, FRS-C, FASc, FNASc, FNAAS, Former JC Bose National Fellow, Member EC, IUBS (France), Certified Emeritus Sr Ecologist, ESA, USA; Vice-Chancellor, *Amity University Punjab, Mohali 140306* [Tel (0172) 520-3501 (O), 98-722-01516(M); Email [rkkohli45@yahoo.com](mailto:rkkohli45@yahoo.com), [rkkohli45@gmail.com](mailto:rkkohli45@gmail.com), [rkkohli@pb.amity.edu](mailto:rkkohli@pb.amity.edu); Web <http://www.rkkohli.com>]; **SC: VI.**



**1994: KOLASKAR, Ashok Sadanand** (*b* 1950), PhD, DLitt (*hc*), DSc (*hc*), DSc (*hc*), Sp: Molecular Biophysics, Bioinformatics; FNASc, Vice Chancellor, *'The Neotia University' (TNU), Vishwakarma, 86C, Topsia Road (S) Kolkata 700046*; former Vice Chancellor, KIIT University, Bhubaneswar and University of Pune; formerly Advisor, National Knowledge Commission, New Delhi; Flat No. 04-1403, Upohar Luxury Gold, 2052 Chak Garia, Kolkata 700094 [Tel 70-440-96445 (M); Email [akolaskar@yahoo.com](mailto:akolaskar@yahoo.com), [vc@tnu.in](mailto:vc@tnu.in)]; **SC: VIII.**



**2022: KOLTHUR-SEETHARAM, Ullas** (*b* 1974), PhD, Sp: Molecular Physiology Chromatin & Gene Expression Mitochondria & Metabolism Aging & Metabolic Diseases; FASc, FNASc, Professor, *Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; Bhaskara-608, TIFR Housing Colony, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 2278-2721 (O), 2280-4592 (R), 98-672-34806 (M); Email [ullas@tifr.res.in](mailto:ullas@tifr.res.in), [ullaskolthur@gmail.com](mailto:ullaskolthur@gmail.com)]; **SC: VII.**



**2015: KONDAIAH, Paturu** (*b* 1954), PhD, Sp: Cancer Biology and Biomarkers, Cancer Therapeutics; Former Professor, *Department of Developmental biology and Genetics, Indian Institute of Science, Bengaluru 560012*; Advisor, Sri Shankara Cancer Hospital & Research Centre, Bengaluru 560004; Apt 301- Deccan Habitat, 36/1, Pipeline Road, Yeshwantpur, Bengaluru 560022 [Tel (080) 2360-3531 (R), 94-484-89531 (M); Email [paturu@iisc.ac.in](mailto:paturu@iisc.ac.in)], [kondaiah@ssnccpr.org](mailto:kondaiah@ssnccpr.org); **Medal:** Jagadis Chandra Bose (2022); **SC: IX.**



**2017: KOTHA, Sambasivarao** (*b* 1957), PhD, Sp: Organic Chemistry; FNASc, FASc, FRSC, Pramod Chaudhari Chair Professor (Green Chemistry), *Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; Tower 7, Apt 203, L&T Emerald Isle, Sakivihar Road Powai, Mumbai 400072 [Tel (022) 2576-7160 (O), 98-693-92696 (M); Fax 2576-7152; Email [srk@chem.iitb.ac.in](mailto:srk@chem.iitb.ac.in)]; **SC: III.**

**2010: KRISHNA, Gopal** (b 1948), PhD, Sp: Radio Astronomy and Cosmology (Radio Galaxies and Quasars); FASc, FNASc, INSA Senior Scientist, *UM-DAE Centre for Excellence in Basic Sciences (CEBS), University of Mumbai Campus, Mumbai 400098* [Tel 98-504-15719 (M); Email gopaltani@gmail.com]; **SC: II.**



**2013: KRISHNA, Kolluru Sree** (b 1958), PhD, Sp: Lithospheric Dynamics, Tectonics, Plate Tectonics, Marine Geophysics; FASc, FNASc, Distinguished Professor and Dean - School of Sciences, *GITAM (Deemed to be University), Rushikonda, Visakhapatnam 530045*; H No 1-95, New Plots near the Primary School, Chinaogirala, Vuyyuru (Mandalam), Krishna (Dt), Andhra Pradesh 521245 [Tel (0891) 2840521 (O), 97-654-94935, 97-653-21229 (M); Email dean\_science@gitam.edu, nio.krishna@gmail.com]; **SC: IV.**



**1982: KRISHNA, Padmanabhan** (b 1938), PhD, Sp: Crystallography, Crystal Growth, Education, Science & Society; FASc, Trustee, *Krishnamurti Foundation India, Rajghat Fort, Varanasi 221001*; formerly Professor of Physics, BHU, Varanasi; Sangam House, KF1, Rajghat Fort, Varanasi 221001 [Tel 94-152-23667 (M); Email pkrishna@pkrishna.org; Web http://www.pkrishna.org]; **SC: II.**



**2024: KRISHNA, Sandeep** (b 1976), PhD, Sp: Physics of Living Systems, Professor, *National Centre for Biological Sciences TIFR, GKVK Campus, Bellary Road, Bangalore 560065*; [Tel (91) 87-222-11882 (M), 80-671-76001 (O); Email sandeep@ncbs.res.in]; **SC: II.**



**2009: KRISHNAMOORTHY, Guruswamy** (b 1950), PhD, Sp: Biophysical Laser Spectroscopy, Macromolecular Dynamics; FASc, FRSC, INSA Honorary Scientist, *Department of Biotechnology, Anna University, Chennai 600025*; formerly Senior Professor, Department of Chemical Sciences, TIFR, Mumbai; 213, 1st South Cross Street, Kapaleeshwarar Nagar, Neelankarai, Chennai 600115 [Tel 77-380-41952 (M); Email gk@tifr.res.in]; INSA Senior Scientist (2016-19); **SC: VIII.**



**2008: KRISHNAMOORTHY, Krishnaswamy** (b 1952), PhD, Sp: Atmospheric Aerosols, Radiative Forcing; FASc, FNASc, Distinguished Visiting Scientist, *Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science, Bengaluru 560012*; A 406, Keerthi Gardenia Apartment, oppo: MKR Sports Arena, near VIBGYOR School, VIBGYOR School Road, Thubarahalli, Bengaluru 560066 [Tel (080) 2293-3147 (O), 94-960-50095, 99-455-30293 (M); Email kkmooorthy@iisc.ac.in, krishnamoorthyspl@gmail.com]; **Medal:** KR Ramanathan (2011); **SC: IV.**



**1997: KRISHNAMURTHY, Hulikal Ramaiyengar** (b 1951), PhD (Cornell), Sp: Theoretical Condensed Matter Physics, especially Quantum Many-Body Theory & Statistical Physics; FASc, FNASc, Emeritus Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; 18, II Main Road, UAS Layout, Sanjaya Nagar, Bengaluru 560094 [Tel (080) 2293-3282 (O), 98459-27227 (M); Fax 2360-2602; Email hrkrish@iisc.ac.in]; **Medal:** INSA Young Scientist (1983), Homi Jehangir Bhabha (2020); **SC: II.**





**2020: KRISHNAMURTHY, Manchikanti** (b 1969), PhD, Sp: Atomic, Molecular, Optical and Plasma Physics; FASc, Sr. Professor (I), Dean, *Tata Institute of Fundamental Research, 36/P Gopannapally, Hyderabad 500107*; I-1901, Aparna Sarovar, Kanchi Gachibowli Road, Nallagandla, Hyderabad 500046 [Tel (040) 2020-3069 (O), 4776-6433 (R), 90-046-80294 (M); Email mkkrism@gmail.com, mkkrism@tifr.res.in]; **Medal:** INSA Young Scientist (2001); **SC: II.**



**1990: KRISHNAMURTHY, Setharampattu Seshaiyer** (b 1940), PhD, Sp: Inorganic & Organometallic Chemistry; FASc, Retired Professor, *Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bengaluru 560012*; 394, 6A Cross, JRD Tatanagar, Kodigehalli, Bengaluru 560092 [Tel (080) 2351-6293 (R), 98-454-57190 (M); Email sskrish@iisc.ac.in, sskrish60@yahoo.com]; **Lecture:** Professor S Swaminathan 60<sup>th</sup> Birthday Commemoration (2006); **SC: III.**



**2020: KRISHNAN, Raghavan** (b 1965), PhD, Sp: Atmospheric and Climate Science; FASc, Director, *Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, NCL Post, Pashan, Pune 411008*; No. 55, Buena Monte, NCL-A Cooperative Housing Society, Panchavati, Pashan, Pune 411008 [Tel (020) 2590-4301 (O), 98-817-37976 (M); Fax 2586-5142; Email krish@tropmet.res.in]; **SC: IV.**



**1986: KRISHNAN, Rangachari** (b 1935), PhD, Sp: Physical Metallurgy, Materials Science; FASc, FNASc, FNAE, formerly Director, Gas Turbine Research Establishment (DRDO); *F-3, Parkside Manor, 162, 5th Main, Defence Colony, Bengaluru 560038* [Tel (080) 2526-8882 (R); Email rangachari.krishnan@gmail.com]; **Medal:** Professor Brahm Prakash Memorial (2001); **SC: V.**



**1986: KRISHNAN, Varadachari** (b 1937), PhD, Sp: Inorganic and Bio-Inorganic Chemistry; FASc, FTWAS, Honorary Professor, *Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur PO, Bengaluru 560064* and Co-ordinator, TWAS Regional Office for Central and South Asia at JNCASR, Hon Fellow, Chinese Chemical Society, IISc Distinguished Alumni (2011); formerly Professor, Department of Inorganic and Physical Chemistry, IISc, Bengaluru 560012; 121, I 'A' Main, AECS Layout 1st Stage, Sanjaynagar, Bengaluru 560094 [Tel (080) 2208-2749, 2362-2518 (O), 2293-2296, 2341-9380 (R); Fax 2208-2758, 2360-2468; Email vkrishnan@jncasr.ac.in, vkrishnan@iisc.ac.in]; **Medal:** Golden Jubilee Commemoration (Chem Sc) (1998); **Council:** VP 2000-02; **SC: III.**



**1998: KRISHNASWAMY, Kamala** (b 1940), MD, Sp: Internal Medicine; FASc, FNASc, FNAAS, FTWAS, FAMS, Senior Honorary Advisor, Madras Diabetes Research Foundation; formerly Director & Emeritus Medical Scientist (ICMR), National Institute of Nutrition, Jamai-Osmania PO, Hyderabad; *J 7, Prime Terrace, 150 LB Road, Tiruvanmiyur, Chennai 600041* [Email kamalakrishnaswamy@gmail.com, sri21kk@yahoo.com]; **Lecture:** BC Guha Memorial (1999); **SC: IX.**



**2012: KRUPANIDHI, Saluru Baba** (b 1951), PhD, Sp: Physics of Materials, Epitaxial Multi-Component Oxides, Compound Semiconductors, Superlattices, Functional Devices & Applications; FASc, INSA Senior Scientist, Professor, *Materials Research Centre, Indian Institute of Science, Bengaluru 560012*; 164, 2nd Cross, Central Excise Layout, Bhoopasandra, Bengaluru 560094 [Tel (080) 2360-1330, 2293-2601 (O); Fax 2360-7316; Email sbk@iisc.ac.in, sbkenator@gmail.com]; **SC: V.**



**2022: KULKARNI, Giridhar Udapi Rao** (*b* 1963), PhD, Sp: Nanomaterials and Self-assembly Routes to Nanofabrication; FNASc, FASc, FNAE, President, *Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur P.O. Bengaluru 560064; #54, Tulsi, 3<sup>rd</sup> phase, Royal Enclave, Srirampura, Jakkur, Bengaluru North 560064* [Tel (080) 2208-2752/2936 (O), 94-488-25386 (M); Email kulkarni@jncasr.ac.in, gukulk@gmail.com]; **Council:** Ad Mem 2024-; **SC: III.**



**2011: KULKARNI, Sulabha Kashinath** (*b* 1949), PhD, Sp: Nanotechnology, Materials Science, Surface Science; FASc, FNASc, INSA Senior Scientist, *Centre for Materials for Electronics Technology (CMET), Panchmati, Pune 411008* [Tel (020) 2598-9273 Ext 224 (O), 88-884-25978 (M); Email skknano@gmail.com]; **SC: II.**



**1989: KUMAR, Anil** (*b* 1941), PhD, Sp: Nuclear Magnetic Resonance Spectroscopy & Applications to Biomolecules and Quantum Computing; FASc, FNASc, FTWAS, INSA Emeritus Scientist, NASI-Honorary Scientist, *Department of Physics and NMR Research Centre, Indian Institute of Science, Bengaluru 560012; D-201, Sterling Gardens, Hebbal, Kempapura, Bengaluru 560024* [Tel (080) 2366-2757 (R), 98-454-21938 (M); Email anilnmr@iisc.ac.in, anilnmr@gmail.com]; **Lecture:** Professor KR Rao Memorial (1996); **Council:** Mem 2013-15; **SC: VIII.**



**2009: KUMAR, Anil** (*b* 1955), PhD, Sp: Physical Chemistry, Thermodynamics, Physical-Organic Chemistry; FASc, FNASc, Former JC Bose National Fellow; Flat 6, Megha Terrace, Near Wireless Colony, Aundh, Pune 411007 [Tel 98-220-74509, 75-070-53053 (M); Email dranilkumar1956@gmail.com, akncl@yahoo.com]; **SC: III.**



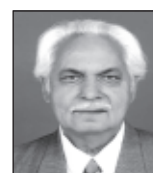
**2006: KUMAR, Anurag** (*b* 1955), PhD, PhD, Sp: Communication Networks: Stochastic Modelling, Analysis, Optimisation and Control Problems Arising in Communication Networks (Wireline and Wireless), Distributed Systems, and Cyber Physical Systems; Fellow IEEE, INAE, INSA, TWAS, IASc, Honorary Professor, *Department of Electrical Communication Engg., Indian Institute of Science, Bengaluru 560012, Former Director, IISc (2014-2020)* [Tel (080) 2293-2281; Email anurag@iisc.ac.in; Web ece.iisc.ac.in/anurag]; ; **Council:** Mem 2021-23; **SC: V.**



**2024: KUMAR, Arvind** (*b* 1966), PhD, Sp: Genetics & Plant Breeding, FNAAS, Deputy Director General-Research, Hyderabad, *Flat # 306, Block 6, PNR High Nest Hyderabad, Kukatpally 500072, Hyderabad, Telangana;* [Tel (91) 80-088-83838 (M), Email akumarssr@gmail.com]; **SC: X.**



**1985: KUMAR, Rajinder** (*b* 1934), PhD, Sp: Multiphase Phenomena; FASc, Retired Professor, *Department of Chemical Engg, Indian Institute of Science, Bengaluru 560012; 47/1, 7th Cross, 5th Main, Malleswaram, Bengaluru 560003* [Tel (080) 2293-2320 (O), 2334-6394 (R); Fax 2360-8121, 2360-0683; Email kumar@iisc.ac.in]; **Medal:** SH Zaheer (1989), SS Bhatnagar (1997); **Visiting Fellowship:** JL Nehru Birth Centenary (1995); **Council:** Mem 1990, VP 1991-92; **Medal:** INSA Young Scientist (1995); **SC: V.**





**2023: KUMAR, Sanjay** (*b* 1963), PhD, Sp: Molecular Plant Physiology, FNASc, FNAAS, Chairman, *Agricultural Scientists Recruitment Board, Krishi Anusandhan Bhawan-1, Pusa, New Delhi 110012* [Tel (011) 2584 1272 (O); 98-166-21463; 70182 53996 (M); Email sanjayplp1@gmail.com; chairman@asrb.org.in]; **Medal:** INSA Young Scientist (1995); **SC: X.**



**2022: KUMAR, Vinod** (*b* 1956), PhD, Sp: Chronobiology, Behavioural Neuroendocrinology; Temporal Ecology; Ex-Senior Professor, *Department of Zoology, University of Delhi, Delhi 226024*; C-75, Sector-E, Aliganj, Lucknow 226024 [Tel (011) 2766-7212 Ext 218 (O), 98-188-75429 (M); Fax 011-2766-6564; Email drvkumar11@gmail.com, drvkumar11@yahoo.com; Web <https://centreforbiologicaltimekeeping.com>]; **SC: VI.**



**2010: KUMARA SWAMY, Kalasa Chandrasekhar Jois** (*b* 1957), PhD, Sp: Chemistry Inorganic /Organic; FASc, Professor, *School of Chemistry, University of Hyderabad, Hyderabad 500046*; 155, Doyens Township, Serilingampally, Hyderabad 500019, Telangana [Tel (040) 2313-4856 (O), 98-497-24004 (M); Email kckssc@uohyd.ac.in, kckssc@yahoo.com; Web [chemistry.uohyd.ac.in/~kcks/](http://chemistry.uohyd.ac.in/~kcks/)]; **SC: III.**



**2002: KUMARAN, Viswanathan** (*b* 1966), PhD, Sp: Chemical Engineering; FASc, FNAE, Professor, *Department of Chemical Engineering, Indian Institute of Science, Bengaluru 560012*; NE-120, IISc, Bengaluru [Tel (080) 2293-3112 (O), 2360-1034 (R); Fax 2360-8121; Email kumaran@iisc.ac.in]; **Medal:** Professor Brahm Prakash Memorial (2022), INSA Young Scientist (1996); **SC: V.**



**2024: KUMBHAR, Pramod Shankar** (*b* 1964), PhD, Sp: Chemical Reaction Engineering, Catalysis, Biotechnology, President and Chief Technology Officer, *Praj Matrix-R&D Centre, Division of Praj Industries Ltd., Office : 402/403/1092, Uravade, At. Pirangut, Taj. Mulshi, Dist. Pune*, Residence: D-20, Hill View Residency, Baner Road, Pune 411045; [Tel 98-670-29104, 73-870-89707] (M), Email pramodkumbhar@praj.net]; **NC.**



**2023: KUNDU, Gopal Chandra** (*b* 1959), PhD, Sp: Tumor Biology, Regulation of Gene Expression, Targeted Drug Delivery, Angiogenesis, Cancer Stem Cells, Chemical Biology and Nanotechnology, FNASc, FASc, Director R&D, KIIT Deemed to be University, *Campus No. 11, Patia, Bhubaneswar 751 024*; Twin Bungalow No. 29, Nandanvan Society, Pimple Nilakh, Pune 411 027, Maharashtra. [Tel (+91) 94-225-06548 (M); 86-985-78644 (M); Email gopalc.kundu@kiit.ac.in; gopalkundu@hotmail.com]; **SC: VIII.**



**2010: KUNDU, Tapas Kumar** (*b* 1962), PhD, DSc, Sp: Regulation of Gene Expression (Transcription) in Humans with Special Emphasis on Disease and Therapeutics and Related Chemical Biology; FASc, FNASc, Director, *CSIR-Central Drug Research Institute, Sector-10, Janakipuram Extension, Sitapur Road, Lucknow 226031* [Tel (0522) 277-1940 (O), 94-494-56334 (M); Fax 277-1941; & Professor, Transcription and Disease Laboratory, Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur PO, Bengaluru 560064; Flat No A 201, MV Royal Homes, 273/1/3, Srirampura, Jakkur PO Yelahanka Hobli, Bengaluru 560064 [Tel (080) 2208-2840 (O), 2362-2773 (R); Fax 2208-2766; Email tapas@jncasr.ac.in]; **Lecture:** Dr Nitya Anand Endowment (2015); **SC: VII.**

**2020: KUNNATH, Sandeep** (b 1973), PhD, Sp: Partial Differential Equations; FASc, Professor, *Tata Institute of Fundamental Research, Centre for Applicable Mathematics, Post Bag No. 6503, Sharada Nagar, Yelahanka New Town, Bengaluru 560065*; A 601, Nagarjuna Aster Park, Yelahanka New Town, Near Mother Dairy, Bengaluru [Tel (080) 6695-3744 (O), 4958-7955 (R), 98-456-50941 (M); Fax 6695-3799; Email sandeep@tifrbng.res.in]; **Medal:** INSA Young Scientist (2005); **SC: I.**



**2024: KURPAD, Anura Viswanath** (b 1959), PhD, Sp: Nutrition, Physiology, Professor, *Deptt., of Physiology, St John's Medical College, Sarjapur Road, Bengaluru 560034*, B1, St John's Staff Quarters, Thavarekere Cross Road, Bengaluru 560029; [Tel (080) 4946-6326 (R), 96-865-12233 (M), Email a.kurpad@sjri.res.in]; **SC: IX.**



**2019: LAHIRI, Goutam Kumar** (b 1960), PhD, Sp: Inorganic Chemistry; FASc, FNASc, Professor, *Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; Nilgiri Building (B-311), IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7159 (O), 2576-8159 (R), 98-195-81787 (M); Fax 2572-3480; Email lahiri@chem.iitb.ac.in]; **SC: III.**



**2005: LAHIRI MAJUMDER, Arunendra Nath** (b 1946), PhD, DSc, Sp: Plant Biochemistry & Molecular Biology, Plant Biotechnology; FASc, FNASc, FNAAS, INSA Honorary Scientist, Department of Microbiology and Biotechnology, Sister Nivedita University, Block DG-1/2, Action Area 1, New Town, Kolkata-700156, formerly DAE Raja Ramanna Fellow, Senior Professor & Head, *Division of Plant Biology and Acharya JC Bose Biotechnology Innovation Centre, Bose Institute (Centenary Building), P-1/12, CIT Scheme, VII M, Kolkata 700054*; 5B2, FJORD Tower, Hiland Park, Kolkata 700094 [Tel (033) 2436-7219 (R), 94-330-27050 (M); Email alahirimajumder@yahoo.com, alahirimajumder@gmail.com, arunendra.nlm@snuniv.ac.in]; **Medal:** Professor SB Saksena Memorial (2008); **SC: VII.**



**2003: LAKHINA, Gurbax Singh** (b 1943), PhD, Sp: Geomagnetism and Atmospheric Sciences; FNASc, NASI-Senior Scientist Platinum Jubilee Fellow, INSA Honorary Scientist, Emeritus Professor (CSIR), formerly Director, *Indian Institute of Geomagnetism, Plot No 5, Sector 18, Kalamboli Highway, New Panvel, Navi Mumbai 410218*; Neel Sidhi Towers, B-701, Plot No. 195, Sector 12, Vashi, Navi Mumbai 400703 [Tel (022) 2748-4127 (O), 98-204-22678 (M); Fax (022) 2748-0762; Email gurbax.lakhina@iigm.res.in, gslakhina@gmail.com]; **Medal:** KR Ramanathan (2005); INSA Senior Scientist (2008-13); **SC: IV.**



**1993: LAKHOTIA, Subhash Chandra** (b 1945), PhD, Sp: Cytogenetics, Molecular Genetics & Cell Biology, Ayurvedic Biology; FASc, FNASc, BHU Distinguished Professor and SERB Distinguished Fellow, *Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi 221005*; P3/4, Ravindra Puri, Lane No 13, Varanasi 221005 [Tel (0542) 236-8145, 236-8457 (Lab), 94-530-48657 (M); Email lakhotia@bhu.ac.in, sclakhotia@yahoo.co.in]; **Medal:** INSA Young Scientist (1975), SL Hora (2002), Aryabhata (2018); INSA Senior Scientist (2016-18); **Council:** Mem 2004-05, VP 2006, 2015-17; Editor-in-Chief, *Proceedings of the Indian National Science Academy* (2014-18); **SC: VII.**





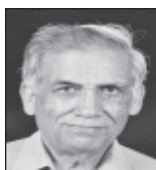
**1992: LAKSHMANAN, Muthusamy** (*b* 1946), PhD, DSc (*hc*), Sp: Nonlinear Dynamics & Theoretical Physics; FASc, FNASc, FTWAS, Professor of Eminence & SERB National Science Chair, *Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirapalli 620024*; 654, Periyar Salai, KK Nagar, Tiruchirapalli 620021 [Tel (0431) 240-7093, 240-7057 (O), 245-9386 (R); Fax 240-7093; Email lakshman@cnd.bdu.ac.in, lakshman.cnd@gmail.com; Web <http://www.physicscnd.com>]; **Lecture:** Dr Biren Roy Memorial (1998), Professor VV Narlikar Memorial (2006); **Council:** Mem 2005-07; **SC: II.**



**2024: LAKSHMINARAYAN, Arul** (*b* 1967), PhD, Sp: Theoretical Physics, Professor, *Dept., of Physics, IIT Madras, Guindy, Chennai 600036*, D1, 19/12, 3rd Seaward Road, Valmikinagar, Thiruvananthapuram, Chennai 600041; [Tel (044) 225-74878 (O), (044) 4551-4273 (R), 96-000-94500 (M), Email arul@physics.iitm.ac.in], **Medal:** INSA Young Scientist (1998); **SC: II.**



**2014: LAKSHMI KANTAM, Mannepalli** (*b* 1955), PhD, Sp: Catalysis, Materials and Process Chemistry; FTWAS, FNASc, FRSC, FNAE, Dr. B.P. Godrej Distinguished Professor of Green Chemistry and Sustainability Engineering, *Department of Chemical Engineering, Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai 400019*; H.No.1-2-35/1, E7/8, Street No.3, Habsiguda, Hyderabad 500007 [Tel (022) 3361-2015 (O), 97-691-01554 (M); Fax (022) 3361-1020 (O); Email lk.mannepalli@ictmumbai.edu.in, lkmannepli3@gmail.com]; **Lecture:** Professor Darshan Ranganathan Memorial (2016); **Council:** Mem 2020-22; **SC: III.**



**1984: Lal, KRISHAN** (*b* 1941), PhD, DSc (*hc*), Sp: Physics of Materials; FNASc, Foreign Mem, Russian Academy of Science, Past Co-Chair, IAP for Science, the Global Network of Science Academies (2016-19, 2019-2022); Past-President, AASSA, the Association of Academies and Societies of Sciences; and Past-President, ICSU-CODATA; Former C. V. Raman Chair Professor, K. R. Mangalam University, Gurugram 122103; formerly Director, *C.SIR-National Physical Laboratory, Dr KS Krishnan Marg, New Delhi 110012*; Apartment No. B-064, Tower-B, 6th Floor, The Icon, DLF City Phase 5, Golf Course Road, Sikanderpur Ghosi (68), Gurugram 122002; [Tel (011) 4560-9104; Email cochairkr@gmail.com, krish41ster@gmail.com; chair.prof@krmangalam.edu.in]; (NPL **Lecture:** DS Kothari Memorial (1996); **Visiting Fellowship:** JL Nehru Birth Centenary (2010); **Council:** Treas. 1993-95, Ad Mem 2000, Pres 2011-13; **SC: II.**



**2013: LAL, Rup** (*b* 1953), PhD, Sp: Microbial Diversity, Genomics and Metagenomics; FNA, FNASc, FNAAS, F(AAM) INSA Senior Scientist, *Acharya Narendra Dev College, University of Delhi, Govindpuri, Kalkaji, New Delhi 110019*, India [Tel 98-107-85766 (M); Email ruplal@gmail.com; Web <http://ruplal.in/>]; **SC: X.**



**2004: LAL, SHYAM** (*b* 1951), PhD, Sp: Atmospheric Science, Air chemistry, Ozone and Trace Gases, Air Quality and Climate; FASc, FNASc, Honorary Scientist, *Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; Residence: H-901, Reflections by Pacifica, Malabar County Road, Near Vaishnodevi circle, Ahmedabad 382470 [Mob. 9427627076; Email shyamprl@gmail.com, shyam@prl.res.in]; **Medal:** KR Ramanathan (2020); INSA Senior Scientist (2016-19 & 2022-2023); INSA Honorary Scientist; **SC: IV.**

**2012: LAVANIA, Umesh Chandra** (b 1952), PhD, DSc, Sp: General and Molecular Cytogenetics, Molecular Systematics and Chromosome Evolution, Medicinal and Aromatic Plants, Phytotechnologies; FNASc, INSA Senior Scientist, CSIR-National Botanical Research Institute, Lucknow 226001; formerly Chief Scientist & AcSIR Professor & Head, Division of Genetics & Plant Breeding, CSIR-CIMAP, Lucknow; 4/221, Vivek Khand, Gomti Nagar, Lucknow 226010 [Tel (0522) 359-6674 (R), 94-155-16561 (M); Email lavaniauc@yahoo.co.in, lavaniauc@gmail.com]; **Medal:** INSA Young Scientist (1984); **SC: VI.**



**2021: LAXMI, Ashverya** (b 1974), PhD, Sp: Plant Physiology and Molecular Biology; FNA, FASc, FNASc, JC Bose National Fellow, Staff Scientist V, Lab-203, *National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067*; House No. 4, Type IV, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2673-5180 (O), 98-917-82198 (M); Fax 2674-1658; Email ashverya\_laxmi@nipgr.ac.in]; **SC: VII.**



**2018: LELE, Ashish Kishore** (b 1967), PhD, Sp: Chemical Engineering, Polymer Science and Engineering; FNAE, FASc, Director, CSIR – National Chemical Laboratory, Dr. Homi Bhabha Road, Pune 411008, Senior Vice-President and Head, *Advanced Materials and Alternate Energy Group, Research and Development, Reliance Industries Ltd., Reliance Corporate Park, Navi Mumbai 400709* [Email director@ncl.res.in, Ashish.Lele@ril.com]; **Medal:** INSA Young Scientist (1998); **Council:** Ad Mem 2022; **SC: V.**



**1987: LELE, Shrikant** (b 1943), PhD, Sp: Physical Metallurgy & Materials Science, FASc, FNASc, FNAE, *Flat No. E12/310, Ivy Apartments, Ivy Estate, Wagholi, Pune 412207* [Tel 97-664-33322 (M); Email drslele@gmail.com]; **Medal:** Professor Brahm Prakash Memorial (2010); **Council:** Mem May-Dec 1992, 1999-01; **SC: V.**



**2024: LUTHRA, Kalpana** (b 1965), PhD, Sp: Biochemistry, Professor & Head, *Deptt. of Biochemistry, Room No-3012, Convergence Block, Ansari Nagar, AIIMS, New Delhi 110 029, A-1, G/7, DDA Flats Panchsheel Enclave, New Delhi 110017*; [Tel (011) 2659-4483(O), 4659-5230 (R), 98-104-12301 (M), Email kalpanaluthra@aiims.edu, kalpanaluthra@gmail.com]; **SC: IX.**



**1977: LUTHRA, Usha Kehar** (b 1932), MD (Path & Bac), PhD (Path), Sp: Pathology, Cytopathology, Cancer Research, Medical Research; FRCPath(Lond), FAMS, formerly Additional DG and Director, Institute of Cytology and Preventive Oncology, ICMR; *J-202, Som Vihar, Maj. Som Nath Marg, RK Puram, New Delhi 110022* [Tel (011) 2671-6748 (R); Email ukluthra@hotmail.com]; **SC: IX.**



**2004: MADAN, Mohan** (b 1953), PhD, Sp: Agricultural Biotechnology; FNAAS, Advocate, Supreme Court and High Court of Delhi; formerly Professor, Department of Plant Molecular Biology, University of Delhi, South Campus, Benito Juarez Marg, New Delhi 110021; *Sector B, Pocket 10, Flat No 7055, Vasant Kunj, New Delhi 110070* [Tel 98-110-54232 (M); Email mohanm98@hotmail.com]; **SC: X.**





**2011: MADHUBALA, Rentala** (b 1952), PhD, Sp: Molecular Parasitology, Functional Genomics; FASc, FNASc, FTWAS, Adjunct Faculty, PHFI, IIPH, Hyderabad, Emeritus Scientist, INSA, Former AS Paintal Distinguished Scientist Chair of ICMR, *House No 618, Aurora Housing colony, Banjara Hills Road No. 3, Hyderabad 500034, Telengana*; [Tel 98-102-91801 (M), Email: rentala@outlook.com]; **Council:** Mem 2019-21; **SC: IX.**



**2000: MADHUSUDANA, Nelamangala Vedavyasachar** (b 1944), PhD, Sp: Liquid Crystals; FASc, Retired Professor, *Liquid Crystal Lab, Raman Research Institute, CV Raman Avenue, Sadashivanagar, Bengaluru 560080*; No.45, Kuber Housing Society Ext, RBI Colony, Hebbal Agricultural Farm, Bengaluru 560024 [Tel (080) 2333-3407 (R), Email nvmadhu@rri.res.in; Web <http://www.rri.res.in/>]; **SC: II.**



**2014: MADRAS, Giridhar** (b 1967), PhD, Sp: Chemical Engineering; FASc, FNAE, FNASc, Professor, *Department of Chemical Engineering, Indian Institute of Technology Hyderabad 502285*; A-505, Indian Institute of Technology, Hyderabad 502285 [Tel 93-425-19580 (M); Email giridhar@iith.ac.in, giridharmadras@gmail.com]; **SC: V.**



**1993: MAHAJAN, Kushal Kumar** (b 1939), PhD, Sp: Radio, Atmospheric and Space Sciences; FASc, INSA Emeritus Scientist, formerly Head, Radio and Atmospheric Sciences Division, CSIR-National Physical Laboratory, Dr KS Krishnan Marg, New Delhi 110012; *C1/121, JanakPuri, New Delhi 110058* [Tel (011) 49854698 (R), 98-100-92120 (M); Email kkmahajan@yahoo.com]; INSA Senior Scientist (2005-09), INSA Honorary Scientist (2010-15); **SC: IV.**



**2015: MAHALE, Smita Dilip** (b 1957), PhD, Sp: Reproductive Physiology; FNASc, ICMR Emeritus Scientist and Former Director, *National Institute for Research in Reproductive Health, Jehangir Merwanji Street, Parel, Mumbai 400012*; A-503, Devdevshwar C.H.S, Telly Galli Cross Lane, Andheri (East), Mumbai 400069 [Tel (022) 2419-2002 (O), 2684-2105 (R), 99-203-91165 (M); Fax 2413-9412; Email smitamahale@hotmail.com]; **SC: VII.**



**2018: MAHAN, MJ** (b 1968), PhD, Sp: Hyperbolic Geometry, Geometric Group Theory, Probabilistic Geometry, Topology of Algebraic Varieties; FASc, JC Bose National Fellow, Senior Professor (I), *School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; Ramakrishna Math and Ramakrishna Mission, Ramakrishna Mission Marg, 12th Road, Khar (West), Mumbai 400052 [Tel (022) 2278-2353 (O), 86-974-06956 (M); Email mahan.mj@gmail.com, mahan@math.tifr.res.in]; **SC: I.**



**2024: MAHAPATRA, Nitish Ranjan** (b 1971), PhD, Sp: Molecular Genetics, FNASc, Professor, *Deptt., of Biotechnology, Bhupat and Jyoti Mehta School of Biosciences, Block-1, IIT Madras, Chennai 600036*, B-26-6D, Delhi Avenue, IIT Madras, Chennai 600036; [Tel (044) 2257-4128 (O), 2257-6128 (R), 98-849-68612 (M), Email nmahapatra@iitm.ac.in]; <https://biotech.iitm.ac.in/faculty/nitish-r-mahapatra/>, <https://sites.google.com/view/cvglab/>; **SC:-**

**2021: MAHAPATRA, Souvik** (*b* 1970), PhD, Sp: Microelectronics and VLSI, Nanoelectronics; FASc, FIEEE, FNAE, Professor, *Department of Electrical Engineering, Indian Institute of Technology Bombay, Mumbai 400076*; B208, Building B23, IIT Bombay, Mumbai 400076 [Tel (022) 2572-0408, 98-190-17412 (M); Email [souvik@ee.iitb.ac.in](mailto:souvik@ee.iitb.ac.in)]; **SC: V.**



**1995: MAHARANA, Jnanadeva** (*b* 1945), PhD, Sp: String Theory & Quantum Gravity; FASc, INSA Honorary Scientist, Professor, *Institute of Physics, Bhubaneswar 751005* [Tel (0674) 230-1825 (O), 230-3444 (R); Fax 230-0142; 918763455880 [M]; Email [maharana@iopb.res.in](mailto:maharana@iopb.res.in)]; **Medal: SN Bose (2015); INSA Senior Scientist (2016-18); SC: II.**



**2016: MAITI, Kalobaran** (*b* 1967), PhD, Sp: Condensed Matter Physics; FASc, FNASc, Senior Professor and Dean, *Natural Sciences Faculty, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; 703 Meghnad, TIFR Housing Complex, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 2278-2302 (O), 98-921-06060 (M); Fax 2280-4610; Email [kbmaiti@tifr.res.in](mailto:kbmaiti@tifr.res.in), [kbmaiti@gmail.com](mailto:kbmaiti@gmail.com)]; **SC: II.**



**2022: MAITI, Prabal Kumar** (*b* 1969), PhD, Sp: Physics; FASc, Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; Apt #305, Block-1, Phase-2, RMV Clusters, L G Halli, Bengaluru 560094 [Tel 80-2293-2865 (O), 94-484-77862 (M); Email [maiti@iisc.ac.in](mailto:maiti@iisc.ac.in), [prabalmaiti@gmail.com](mailto:prabalmaiti@gmail.com)]; **SC: II.**



**2019: MAITI, Souvik** (*b* 1971), PhD, Sp: Chemical Biology and Biophysics; Senior Principal Scientist, *CSIR-Institute of Genomics and Integrative Biology, Sukhdev Vihar, Mathura Road, New Delhi 110025*; Adjunct Professor, Indian Institute of Science Education and Research Mohali, Knowledge City, Sector 81, Manauli, PO, Sahibzada Ajit Singh Nagar, Punjab 140306; C-601, F7 Antriksh Greens, Sector-50, Noida 201301 [Tel (011) 2987-9108 (O), 98-111-30093 (M); Fax 2766-7471; Email [souvik@igib.res.in](mailto:souvik@igib.res.in), [souvik@rnabiology.org](mailto:souvik@rnabiology.org)]; **SC: VIII.**



**2009: MAITRA, Uday** (*b* 1957), PhD, Sp: Organic Chemistry, Supramolecular Chemistry, Chemistry of Bile Acids, Organo and Hydrogels; FASc, Professor, *Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560012*; NE-201, New Housing Colony, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2360-1968, 2293-2960; Fax 2360-0529; Email [maitra@iisc.ac.in](mailto:maitra@iisc.ac.in); Web <http://www.orgchem.iisc.ac.in/uday-maitra>]; **SC: III.**



**2023: MAJI, Samir Kumar** (*b* 1974), PhD, Sp: Biochemistry, Biophysics, Protein folding/misfolding, Protein aggregation, neurodegenerative diseases, FNASc, FASc, FRSC, FRSB, Professor, *Department of Biosciences and Bioengineering, IIT Bombay, Powai, Mumbai 400076*; B17, B type Building Number 4, Central Area, IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7774 (O); 97-696-88774 (M); Email [samirmaji@iitb.ac.in](mailto:samirmaji@iitb.ac.in)]; **SC: VIII.**





**2010: MAJUMDAR, Subeer S** (b 1961), PhD, Sp: Transgenic Animals and Endocrinology, Animal Biotechnology; Director General, *Gujarat Biotechnology University, Gandhinagar* [Tel (040) 2312-0102 (O), 98-181-70750 (M); Email subeer@nii.ac.in, subeer@niab.org.in]; **Council:** Mem 2021-23; **SC: VI.**



**2022: MAJUMDER, Gobinda** (b 1967), PhD, Sp: Experimental High Energy Physics; FASc, FNASc, Senior Professor, *Department of High Energy Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Mumbai 400005*; 903 Bhaskara, TIFR Housing Complex, Homi Bhabha Road, Navy Nagar, Mumbai 400005 [Tel (022) 2278-2378 (O), 2278-3378 (R), 97-574-88232 (M); Email gobinda@tifr.res.in, majumder.gobinda@gmail.com]; Web <https://www.tifr.res.in/~gobinda/>; **SC: II.**



**2004: MAJUMDER, Hemanta Kumar** (b 1950), PhD, Sp: Molecular Parasitology, Molecular Biology, Biochemistry; FASc, FNASc, FTWAS, NASI Senior Scientist Platinum Jubilee Fellow, formerly DAE Raja Ramanna Fellow and JC Bose National Fellow, *CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Jadavpur, Kolkata 700032*, Adjunct Professor, Department of Biophysics, Molecular Biology and Bio Informatics, Calcutta University and former Working Chairman, WB State Council of S&T, Govt. of West Bengal, Kolkata; Diaganika Samabaya Abasani, Flat F/11, Block AH, Sector II, Salt Lake City, Kolkata 700091 [Tel (033) 2412-3207 (O), 2359-1532 (R), 98-319-26491 (M); Fax 2473-5197; Email hkmajumder@iicb.res.in, hemantamajumder@yahoo.co.in]; **Lecture:** Dr Nitya Anand Endowment (2012), KS Krishnan Memorial (2022); **Council:** Mem 2019-21; **SC: VII.**



**2001: MAJUMDER, Partha Pratim** (b 1952), PhD, Sp: Human Genetics, Genetic Epidemiology Biostatistics; FASc, FNASc, FTWAS, National Science Chair, Distinguished Professor and Founder, *National Institute of Biomedical Genomics, P.O. Netaji Subhas Sanatorium, Kalyani 741251*; Emeritus Professor, *Indian Statistical Institute, Kolkata 700108*; Honorary Professor, *Indian Institute of Science Education and Research, Mohali 140306 and Kolkata 741246*; P-53, Arunachal (East), Sodpur, North 24-Parganas, West Bengal 743178 [Tel (033) 2589-2151 (O), 2565-4314 (R); Fax 2589-2150; Email ppm1@nibmg.ac.in; Web <http://www.nibmg.ac.in/>]; **Medal:** Golden Jubilee Commemoration (Animal Sc) (2018); INSA Distinguished Lecture Fellow (2023); **Council:** Mem 2006-08; **SC: IX.**



**2013: MALHOTRA, Bansi Dhar** (b 1950), PhD, Sp: Advanced Soft Electronic Materials including Nano-Materials, Self-Assembled Monolayers, Langmuir-Blodgett Films, Hydrogels, Conducting Polymers, Microfluids, Biofuel Cells, Sensors, Biosensors and Biomolecular Electronics; FNASc, Asia Pacific Academy of Materials (APAM) Academician, formerly Chief Scientist CSIR-National Physical Laboratory, New Delhi 110012, Professor and SERB Distinguished Fellow, Department of Biotechnology, *Delhi Technological University, Delhi 110042, India*; Flat No 02031, Tower 19, Mahagun Mywoods, NOIDA Extension, Gautam Budh Nagar 201308 [Tel (0120) 4153826 (R), 99-683-75812 (M); Email bansi.malhotra@gmail.com]; **SC: V.**



**1993: MALHOTRA, Kailash Chandra** (b 1938), PhD, Sp: Human Ecology; FASc, Retd Professor of Human Ecology, ISI, Kolkata; 385, Sector 29, Noida 201301 [Tel 98-712-53459 (M); Email kcmalhotra2001@yahoo.co.in]; **SC: VI.**



**2020: MALHOTRA, Pawan** (b 1960), PhD, Sp: Parasitology and Protein Biochemistry; FNASc, FASc, JC Bose National Fellow, Group Leader, *Malaria Biology Group* & Arturo Falaschi Emeritus Scientist (AFES) of *International Centre for Genetic Engineering and Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi 110067; I-133 Kirti Nagar, New Delhi 110015* [Tel (011) 2674-1358/2895 ext 457 (O), 4560-6313 (R), 98-107-79378 (M); Fax 2674-2316; Email pawanmal@gmail.com, pawanm@icgeb.res.in]; **SC: VIII.**



**2023: MALIK, Javed Husain Nurmohmed** (b 1968), PhD, Sp: Active Tectonics, Paleoseismology, Paleo-tsunami and Archaeoseismology, FGSI, Professor, *Department of Earth Sciences, Room No. CC 201, Indian Institute of Technology Kanpur, Kanpur 208016, UP, India, House No. 630, Type IV Indian Institute of Technology Kanpur, Kanpur 208016. UP, India* [Tel (0512) 259-7723 (O); 99-563-00101 (M); Email javed@iitk.ac.in]; **SC: IV.**



**1995: MALIK, Satish Kumar** (b 1943), PhD, Sp: Magnetism, Valence Fluctuation & Superconductivity; FASc, Visiting Professor, *ICCMP, University of Brasilia, Brazil* [Email skm@tifr.res.in]; **SC: II.**



**2005: MALLICK, Birendra Nath** (b 1956), PhD, Sp: Physiology, Neurobiology/Neurophysiology of Sleep-Wakefulness and REM sleep; FASc, FNASc, Professor and Director, *AMITY Institute of Neuropsychology & Neurosciences, Amity University Campus, Sector 125, Gautam Budh Nagar, Noida, Uttar Pradesh 201313; 5D, JNU Aravali Apartments, Sector 56, Gurgaon, Haryana 122011* [Tel (0120) 439-2652 (O), (0124) 480-5840 (R), 93-113-79248, 98-106-60572 (M); Email: remsbnm@yahoo.com]; [https://en.wikipedia.org/wiki/Birendra\\_Nath\\_Mallick](https://en.wikipedia.org/wiki/Birendra_Nath_Mallick); **SC: IX**



**2015: MALLICK, Nirupama** (b 1964), PhD, Sp: Algal Biotechnology; FNASc, Professor, *Department of Agricultural & Food Engineering, Indian Institute of Technology Kharagpur, Kharagpur 721302; A-41, IIT Campus, Indian Institute of Technology Kharagpur, Kharagpur 721302* [Tel (03222) 283-166 (O), 283-167 (R), 94-340-41662 (M); Email nm@agfe.iitkgp.ac.in]; **SC: VI.**



**2001: MALLIK, Asok Kumar** (b 1947), PhD, Sp: Vibration Engineering, Kinematics; FASc, FNASc, FNAE, formerly Professor, *IIT Kanpur; P31 CIT Road, Scheme VI (MS), Kolkata 700054* [Tel 70-037-15838 (R); Email asokiitk@gmail.com]; **Award:** INSA Teachers Award (2014); **SC: V.**



**2011: MALLIK, Ranjan Kumar** (b 1964), PhD, Sp: Electrical Engineering (Communications); FNAE, FNASc, FASc, FTWAS, FIEEE, Professor, *Department of Electrical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016; 1 West Avenue, IIT Delhi, Hauz Khas, New Delhi 110016* [Tel (011) 2659-1049 (O), 2659-1572 (R); Fax 2658-1606; Email rkmallik@ee.iitd.ernet.in, ranjankmallik@yahoo.co.in]; **SC: V.**



**2022: MALLIK, Roop** (b 1970), PhD, Sp: Intracellular Transport and Membrane Biology; Professor, *Department of Biosciences and Bioengineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076* [Tel (022) 2576-7769 (O), 98-694-85055 (M); Email rmallik@iitb.ac.in]; **SC: VII.**





**2010: MANDAL, Chitra** (*b* 1951), PhD, Sp: Cancer Biology, Glycobiology, Immunology; FASc, FNASc, FTWAS, FAMS, SERB-Distinguished Fellow, Honorary Visiting Professor, Department of Zoology, Diamond Harbour Women's University, Former JC Bose National Fellow, Former Scientist H, *Indian Institute of Chemical Biology; B-131 Survey Park, Kolkata 700075* [Tel 98-310-36964 (M); Email [chitra\\_mandal@yahoo.com](mailto:chitra_mandal@yahoo.com)]; **Medal:** Professor BS Trivedi Memorial (2014); **Lecture:** Dr Y SubbaRow Memorial (2011); **SC: IX.**



**2018: MANDAL, Gautam** (*b* 1962), PhD, Sp: Quantum Field Theory, String Theory, Gravitational Physics and Non-equilibrium Phenomena; FASc, Senior Professor, *Department of Theoretical Physics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005* [Tel (022) 2278-2429 (O); Fax 2280-4611; Email [mandal@theory.tifr.res.in](mailto:mandal@theory.tifr.res.in); Web <http://theory.tifr.res.in/~mandal/>]; **SC: II.**



**2024: MANDAL, Lolitika** (*b* 1971), PhD, Sp: Genetics & Cell & Development Biology, NASI, FASc, GRC, Associate Professor, *IISER, 4F10, Academic Block 1, Mohali, Knowledge City, Sector 81, SAS Nagar, PO Manauli 140306, Apt 403, MJ Block, Faculty Housing, IISER Mohali, Sector 81, SAS Nagar, Manauli 140306*; [Tel 99-885-71790 (M), Email [lolitika@iisermohali.ac.in](mailto:lolitika@iisermohali.ac.in)]; **SC: VII.**



**2019: MANDAL, Mahitosh** (*b* 1963), PhD, Sp: Cancer Biology; FASc, FNASc, JC Bose National Fellow, Professor, *School of Medical Science and Technology, Indian Institute of Technology Kharagpur, Kharagpur 721302; B-132, IIT Campus, Kharagpur 721302* [Tel (03222) 283-578 (O), 283-579 (R), 94-348-96984 (M); Fax 282-221; Email [mahitosh@smst.iitkgp.ac.in](mailto:mahitosh@smst.iitkgp.ac.in), [mahitoshm@gmail.com](mailto:mahitoshm@gmail.com)]; **SC: IX.**



**2010: MANDAL, Nibir** (*b* 1963), PhD, Sp: Structural Geology and Tectonics; FASc, Professor, *Department of Geological Sciences, Jadavpur University, Kolkata 700032; Flat-12, Vanilla Housing Co-operative Society, 31/G-BP Township, Block-H, Kolkata 700094* [Tel (033) 2414-6666 Ext 2364 (O), 98-754-43433 (M); Email [nibirmandal@yahoo.co.in](mailto:nibirmandal@yahoo.co.in)]; **Medal:** INSA Young Scientist (1992); **Council:** Mem 2015-17; **SC: IV.**



**1994: MANDAL, Nitai Chandra** (*b* 1938), PhD, Sp: Molecular Biology; FASc, FNASc, formerly Guest Scientist, IISER, Kolkata; Emeritus Scientist (CSIR) and Professor, Department of Biochemistry, Bose Institute, Kolkata; *E-5, Digantika, AH-Block, Sector-II, Salt Lake, Kolkata 700091* [Tel 94-775-85894 (M); Email [mandalnc2003@yahoo.com](mailto:mandalnc2003@yahoo.com)]; **SC: VIII.**



**2022 : MANDAL, Prabhat** (*b* 1959), Ph D, Sp: Condensed Matter Physics, Materials Science & Crystal Growth (Superconductivity, Strong Electronic Correlation, Colossal Magnetoresistance, Topological Insulator, Dirac/Weyl Semimetals, Charge Density Wave, van der Waals systems, *etc*); FASc, Emeritus Professor, Condensed Matter Physics & Material Sciences Department, S.N. Bose National Centre for Basic Sciences, JD Block, Sector-III, Salt Lake City, Kolkata 700106; Kanakachal Cooperative Housing Society, CE/1/C/196 AA - I, New Town, Kolkata 700156 [Tel (033) 2335 1313/0312/3057/3061/5705-08 (O), 70-446-82899, 74-394-27332 (M); Email [prabhat.mandal@saha.ac.in](mailto:prabhat.mandal@saha.ac.in), [nathmandal@rediffmail.com](mailto:nathmandal@rediffmail.com)]; **SC: II.**

**2024: MANDAL, Prantik** (b 1965), PhD, Sp: Seismology, Professor at AcSIR-NGRI; Official Address: *Room No. 242, Ext. Building, CSIR-NGRI, Uppal Road, Hyderabad 500007*; Residential Address: Flat No 104, Tower-C, Raheja Vistas, IDA Nacharam, Hyderabad 500076, Telangana; [Tel: (040) 2701-2888 (O), 78-932-86892 (M), Fax (040) 2343-4651, Email prantik@ngri.res.in; prantikmandal62@gmail.com]; **SC: IV.**



**2024: MANDAL, Swadhin K** (b 1973), PhD, Sp: Chemistry, FASc, FRSc, Professor, *Dept. of Chemical Sciences, IISER-Kolkata, Mohanpur 741246, Nadia, West Bengal*; [Tel: (033) 613-61227(O), 99-036-76563 (M), Email swadhin.mandal@iiserkol.ac.in]; **SC: III.**



**2024: MANDE, Sharmila Shekhar** (b 1962), PhD, Sp: Bioinformatics & Computational Biology, Former Distinguished Chief Scientist, TCS Research, TCS, 201-Nishigandh, Panchavati, Pashan, Pune 411008; [Tel (091) 82-376-16589 (M), Email sharmila.s.mande@gmail.com]; **SC: VIII.**



**2010: MANDE, Shekhar Chintamani** (b 1962), PhD, Sp: Biophysics; FASc, FNASc, Distinguished Professor, *Bioinformatics Centre, Savitribai Phule Pune University, Pune and Honorary Distinguished Scientist, National Centre for Cell Science, Pune* [Tel 92-844-30263 (M); Email shekhar.mande@gmail.com; Web <http://www.csir.res.in>]; Medal: Aryabhata (2021); **Lecture:** BC Guha Memorial (2017); **Council:** Mem 2021-23; **SC: VIII.**



**2011: MANNA, Indranil** (b 1961) PhD, Sp: Materials Engineering, Phase Transformation, Surface Engineering, Bainitic Steel, Nanofluid; FTWAS, Professor, *Metallurgical & Materials Engineering Department, Indian Institute of Technology Kharagpur, Kharagpur 721302*; formerly Director, IIT Kanpur and formerly Director, CSIR-CGCR, Kolkata [Tel (03222) 283-266 (O), 283-267 (R); Email imanna@metal.iitkgp.ernet.in, imanna@iitk.ac.in]; **Medal:** INSA Young Scientist (1992); **Council:** VP 2024-; Ad Mem 2016; **SC: V.**



**2005: MARIMUTHU, Ganapathy** (b 1954), PhD, DSc, Sp: Animal Behaviour and Chronobiology; FASc, FNASc, INSA Honorary Scientist, *2/201, Rajambadi, Palkalai Nagar, Madurai 625021* [Tel (0452) 245-8658 (R), 97-916-96463 (M); Email emailboxgm@gmail.com]; **Medal:** Chandrakala Hora Memorial (2010); INSA Senior Scientist (2014-19); **Council:** Mem 2010-12; **SC: VI.**



**1984: MASHELKAR, Raghunath Anant** (b 1943), PhD, DSc (hc), Sp: Polymer Science and Engineering; FASc, FNASc, FNAE, FTWAS, FRS, Foreign Assoc US NAS, Foreign Assoc US Nat Acad Engg, Foreign Mem Royal Acad Engg, Assoc Foreign Mem, *American Academy of Arts & Sciences, 3rd Floor, Adams Court, Above Bank of Baroda, Pune 411045*; formerly Secretary, DSIR & DG, CSIR, New Delhi; "Raghunath", D-4, Varsha Park, Baner, Pune 411045 [Tel (020) 4692-5703 (O); Email ram@mashelkar.com]; **Medal:** Vishwakarma (1988), SS Bhatnagar (2001), INSA Medal for Promotion & Service to Science (2020); **Lecture:** JL Nehru Birth Centenary (1995), Etienne Wolf-Ramanujan (2007); **Council:** Mem 1986-88; Pres 2005-07; **SC: V.**





**1999: MATHAN, Minnie Mariam** (*b* 1937) MD, PhD, Sp: Pathology, Electron Microscopy; FAMS, FICP, FRCPath, Consultant Pathologist, formerly Professor of Pathology and Head, Department of Gastrointestinal Sciences, CMC Hospital, Vellore; *Flat 4 Shanthy, 15 Second Avenue, Harrington Road, Chetpet, Chennai 600031* [Tel (044) 4206-8200 (O), 2836-2473 (R), 98-402-41611 (M); Email minniemathan@gmail.com]; INSA Senior Scientist (2005-10); **SC: IX.**



**1990: MATHAN, Vadakenadayil Ittyerah** (*b* 1937), MD, PhD, FRCP, Sp: Gastroenterology and Epidemiology; FNASc, FAMS, Honorary Advisor, National Institute of Epidemiology, ICMR, Chennai; formerly Professor of Medicine & Gastroenterology; Head, ICMR Centre of Advanced Research on Enteric Diseases and Director, CMC Hospital, Vellore; *Flat 4 Shanthy, 15 Second Avenue, Harrington Road, Chetpet, Chennai 600031* [Tel (044) 4206-8200 (O), 2836-2473 (R), 98-400-38637 (M); Email vimathan19@gmail.com]; **Lecture:** Dr TS Tirumurti Memorial (1997); **SC: IX.**



**1983: MATHEWS, Piravonu Mathews** (*b* 1932), PhD, Sp: Geodynamics, Relativistic fields and Stochastic Processes; FASc, formerly Senior Professor, Department of Theoretical Physics, Madras University, Guindy Campus, Chennai 600025; *22 (Old 20) Lady Madhavan Road, Nungambakkam, Chennai 600034* [Tel (044) 2220-2830 (O), 2817-2098 (R); Email indi4272@yahoo.com]; INSA Senior Scientist (1997-01); **SC: II.**



**1990: MATHUR, Asha** (*b* 1938), DCP, MD, Sp: Medical Microbiology, Virology, Immunology; FASc, FNASc, FAMS, FTWAS, FRC (Path), Emeritus Medical Scientist, Professor & Head, Department of Pathology & Microbiology, Saraswati Medical & Dental College, 233 Tiwari Ganj, Faizabad Road, Lucknow 227105; formerly Professor & Head, Department of Microbiology, KG Medical College, Lucknow; *103, Shalimar Estate, Birbal Sahni Marg, Lucknow 226007* [Tel (0522) 281-5044 Ext 236 (O), 278-0325 (R), 96-213-95580 (M); Email asha.mathur@gmail.com]; **SC: IX.**



**1999: MATHUR, Deepak** (*b* 1952), PhD, Sp: Atomic, Molecular and Optical Sciences, Biological Physics; FASc, FTWAS, formerly Distinguished Professor and JC Bose National Fellow, TIFR and Founding Director, *UM-DAE Centre for Excellence in Basic Science; c/o B-412, Adityavardhan, Rabeja Vihar Access Road, Mumbai 400072* [Email atmoll@gmail.com]; **Council:** Mem 2014-16; **SC: II.**



**2004: MAYOR, Satyajit** (*b* 1963), PhD, Sp: Cell Biology; Foreign Assoc US NAS, Professor, Cellular Organization and Signalling Group, Director, *National Centre for Biological Sciences (NCBS), GKVK Campus, Bellary Road, Bengaluru 560065*; No. 201, Serena, 2, Lloyd Road, Cooks Town, Bengaluru 560005 [Tel (080) 2366-6300 Ext 301 (O), 2546-4058 (R); Fax 2363-6662; Email mayor@ncbs.res.in]; **SC: VIII.**



**1988: MEHER-HOMJI, Vispy Minocher** (*b* 1932), PhD, DSc, Sp: Ecology, Bioclimatology & Plant Geography; FASc, FNASc, Honorary Dean, School of Ecology, Pondicherry University; formerly Director (Research), French Institute, Puducherry; *20 D, Sagar Sangeet, 58 Colaba Road, Mumbai 400005* [Tel (022) 2215-0120 (R)]; **Council:** Mem 1991-May 92; **SC: VI.**

**2008: MEHRA, Narinder Kumar** (b 1949), PhD, FRCP (UK) Sp: Transplant Immunology, HLA and Clinical Immunogenetics; FNASc, FTWAS, Member (bc), Hungarian Academy of Sciences, ICMR Emeritus Scientist and Dr C.G. Pandit National Chair, Former Dean (Research) & Founder Head, Department of Transplant Immunology & Immunogenetics, AIIMS, New Delhi; A563E, Sushant Lok I, Block A, Gurugram 122001 [Tel (0124) 408-8428 (R), 98-990-87445, 98-999-69390 (M); Email narin.mehra@gmail.com; **Medal:** Professor Deepak Gaur Memorial (2022); **Council:** VP 2022-; **SC: IX.**



**1983: MEHTA, Goverdhan** (b 1943), PhD, DSc (bc), Sp: Organic Chemistry; FASc, FNASc, FTWAS, FRS, Foreign Mem, Russian Academy of Sciences, University Distinguished Professor and Dr Kallam Anji Reddy Chair, School of Chemistry, University of Hyderabad, Hyderabad 500046; A-45, South Campus, University of Hyderabad, Hyderabad 500046 [Tel (040) 2313-4848, Telefax 2301-0785 (O), 2313-6145 (R); Email gmesc@uohyd.ernet.in, gmehta43@gmail.com]; **Professorship:** INSA-Srinivasa Ramanujan Research Professor (1992-97); **Medal:** Golden Jubilee Commemoration (Chem Sc) (1989), CV Raman (2003), INSA Medal for Promotion & Service to Science (2017); **Lecture:** JL Nehru Birth Centenary (1990); **Council:** Mem 1989-91, VP 1995-97, Pres 1999-2001; **SC: III.**



**2020: MEHTA, Neelesh Bhogilal** (b 1975), PhD, Sp: Wireless Communications; FNASc, FNAE, FIEEE, Professor, Department of Electrical Communication Engineering, Indian Institute of Science, Bengaluru 560012; NE202, New Housing Colony, Indian Institute of Science, Bengaluru 560012 [Tel 2360-9469 (O), 99-725-92147 (M); Fax 2360-0563; Email neeshbmehta@gmail.com, nbmehta@iisc.ac.in]; **SC: V.**



**2021: MINWALLA, Shiraz Naval** (b 1972), PhD, Sp: Theoretical Physics (Gravity, Quantum Field Theory, String Theory); FASc, FTWAS, Senior Professor (I), The Department of Theoretical Physics, Tata Institute of Fundamental Research, 1 Homi Bhabha Road, Mumbai 400005; 4 Sargent House, J.A. Allana Marg, Mumbai 400001 [Tel (022) 2278-2212, 98-925-22213 (M); Fax 2280-4555; Email shiraz.minwalla@gmail.com]; **SC: II.**



**2011: MISHRA, Akhilesh Chandra** (b 1950), PhD, Sp: Epidemiology & Natural Cycle of Viral Diseases; FASc, Director, Interactive Research School for Health Affairs (IRSHA), Bharati Vidyapeeth University, Katraj, Pune; formerly Director, National Institute of Virology, Pune; B16 Mont Vert 1, Sus Road, Pashan, Pune 411021 [Tel (020) 2436-6929 (O), 99-701-78555 (M); Fax 2436-6931; Email acm1750@gmail.com, acm1750@rediffmail.com]; **SC: IX.**

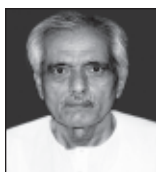


**2006: MISHRA, Gyan Chandra** (b 1947), PhD, Sp: Immunology; NASI-Platinum Jubilee Chair Distinguished Professor, National Centre for Cell Science, NCCS Complex, Pune University Campus, Ganeshkhind, Pune 411007 [Tel (020) 2570-8283 (O), 94-225-22705 (M); Fax 2569-7756; Email gcmishra@nccs.res.in; Web http://www.web.nccs.res.in]; **Council:** Ad Mem 2019-20; **SC: IX.**



**2015: MISHRA, Rakesh Kumar** (b 1961), PhD, Sp: Genomics of the non-coding DNA & Epigenetic Regulation and Development; FASc, FNASc, AcSIR Distinguished Emeritus Professor, CSIR-Centre for Cellular and Molecular Biology, Habsiguda, Uppal Road, Hyderabad 500007; House No. 2-17-3/E, Plot No. 95/A, Dharmapuri Colony, Road No. 3, Prashanti Nagar, Uppal, Hyderabad 500039 [Tel (040) 2719-2658 (O), 2720-6400 (R), 94-419-02188 (M); Fax 2716-0591; Email mishra@ccmb.res.in; rakesh.mishra@tigs.res.in; Web http://www.ccmb.res.in/rakeshmishra/home.html]; **Lecture:** Professor Har Swarup Memorial (2020); **SC: VIII.**





**1990: MISHRA, Santosh Kumar** (b 1941), PhD, Sp: Dynamic Meteorology and Numerical Modelling; FASc, formerly DG, National Centre for Medium Range Weather Forecasting, New Delhi; *Flat 4, 163/24 MausamVihar, D P Road, Aundh, Pune 411007* [Tel 77-988-37895 (M); Email [skmishrapune@rediffmail.com](mailto:skmishrapune@rediffmail.com)]; Council: Mem 1995-97; **SC: IV.**



**2009: MISRA, Gadadhar** (b 1956), PhD, Sp: Operator Theory; FASc, F.N.A.Sc.; JC Bose National Fellow Statistics and Mathematics Unit, Indian Statistical Institute, Bangalore 560059; *Department of Mathematics, IIT Gandhinagar, Palaj, Gujarat 382055; 508/509, Block-II, RMV Clusters (Phase-II), RMV Ext, IInd Stage, Bengaluru 560094* [Tel (80) 26985474, 94-498-17021 (M); Fax 2360-0146; Email [gadadhar.misra@gmail.com](mailto:gadadhar.misra@gmail.com), [gm@isibang.ac.in](mailto:gm@isibang.ac.in)]; Website: <http://isibang.ac.in/~gm> **Council:** VP 2018-20; **SC: I.**



**2023: MISRA, Hari Sharan** (b 1962), PhD, Sp: Molecular and Cellular response to DNA damage, Molecular Genetics, Structure-function of proteins & non-B form of DNA and Radiobiology. Professor and Head, *Homi Bhabha National Institute (HBNI) a DAE Deemed to be University, Mumbai 400094*, Bhabha Atomic Research Centre, Mumbai 400085; *Vill-Kundurkha PO-Govindpara, Dist Gonda 271301 (UP)*, [Tel (+91) 98-691-37053 (O); 99-204-58791 (M); Email- [hsmisra@barc.gov.in](mailto:hsmisra@barc.gov.in) / [harimisra38@gmail.com](mailto:harimisra38@gmail.com)]; **SC: VIII.**



**2015: MISRA, Usha Kant** (b 1952), MD, DM, Sp: Neurology; FASc, FNASc, Professor & Head, *Department of Neurology, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Rae Bareilly Road, Lucknow 226014*; 10-B Madan Mohan Malviya Marg, Lucknow 226001 [Tel (0522) 249-4167 (O), 220-5931 (R), 94-504-53685 (M); Fax 266-8017, 266-8811; Email [drukmisra@rediffmail.com](mailto:drukmisra@rediffmail.com), [drukmisra@gmail.com](mailto:drukmisra@gmail.com)]; **SC: IX.**



**2014: MITRA, Debashis** (b 1960), PhD, Sp: Molecular Virology and Molecular Immunology; FASc, FNASc, Director, *Centre for DNA Fingerprinting and Diagnostics, Inner Ring Road, Uppal, Hyderabad 500039* [Tel (040) 2721-6003 (O), 98-230-59841 (M); Fax 2721-6006; Email [dmitra@cdfd.org.in](mailto:dmitra@cdfd.org.in), [director@cdfd.org.in](mailto:director@cdfd.org.in)]; **SC: IX.**



**2012: MITRA, Parthasarathi** (b 1951), PhD, Sp: Theoretical Physics; FNASc, formerly Professor, Theory Division, Saha Institute of Nuclear Physics, Sector 1, Block AF, Bidhan Nagar, Kolkata 700064; *6, Panditja Terrace, Kolkata 700029* [Email [parthasinp@gmail.com](mailto:parthasinp@gmail.com)]; **SC: II.**



**1987: MITRA, Samaresh** (b 1940), DPhil, Sp: Bioinorganic Chemistry, Biological Chemistry; FASc, FNASc, CSIR-Indian Institute of Chemical Biology, Kolkata 700032; formerly Senior Professor, TIFR, Mumbai; *Panchami 508, Udita, 1050/1, Survey Park, Kolkata 700075* [Tel (033) 2418-8209 (R), 98-312-73257 (M); Email [samaresh.mitra@gmail.com](mailto:samaresh.mitra@gmail.com), [mitrasamresh@yahoo.com](mailto:mitrasamresh@yahoo.com)]; **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (1998); INSA Senior Scientist (2011-15); **SC: III.**

**2019: MITRA, Sushmita** (b 1962), PhD, Sp: Machine Learning, Data Science, Deep Learning, Medical Imaging, Bioinformatics; FNASc, FNAE, FIEEE, FIAPR, FAAIA, FTWAS Professor HAG, Machine Intelligence Unit, *Indian Statistical Institute, 203 B.T. Road, Kolkata 700108*; AE 590, Salt Lake Sector I, Kolkata 700064 [Tel (033) 2575-3102 (O), 94-333-53507 (M); Fax 2578-3357; Email [sushmita@isical.ac.in](mailto:sushmita@isical.ac.in)]; **SC: V.**



**1988: MITTAL, Jai Pal** (b 1940), PhD (Notre Dame, USA), Sp: Radiation & Photochemistry, Chemical Dynamics & Laser Chemistry; FASc, FNASc, FTWAS, FMASc, Distinguished Professor & Chairman, Academic Board, UM-DAE, Centre for Excellence in Basic Sciences, University of Mumbai, Kalina Campus, Mumbai 400 098; formerly MN Saha Distinguished Professor (NASI), Bhabha Atomic Research Centre, 6-A-16, Central Complex, Trombay, Mumbai 400085; formerly Director, Chemistry and Isotope Group, BARC, Mumbai; Honorary Distinguished Professor, IIT Bombay and Honorary Distinguished Professor, National Center for Free Radical Research, University of Pune, Pune; *11-B, Robini Coop. Hsg Society, Sector 9-A, Vashi, Navi Mumbai 400703* [Tel (022) 2559-5245 (D), 2559-5246 (O), 2766-4822, 2766-1035 (R), 98-699-92912 (M); Email [mittaljp2003@yahoo.co.in](mailto:mittaljp2003@yahoo.co.in), [mittaljp@barc.gov.in](mailto:mittaljp@barc.gov.in)]; **Visiting Fellowship:** JL Nehru Birth Centenary (2013); **Medal:** Professor TR Seshadri 70th Birthday Commemoration (1994), Golden Jubilee Commemoration (Chem Sc) (2001); INSA Senior Scientist (2016-18); **Council:** Mem 1998-2000; Ad Mem 2005-06, 2012-13, VP 2014-16; **SC: III.**



**2011: MITTAL, Sanjay** (b 1968), PhD, Sp: Unsteady Aerodynamics, Fluid-Structure Interactions, Sports Aerodynamics, Wind-Tunnel testing, High Performance Computing; FASc, FNAE, *Department of Aerospace Engineering, Indian Institute of Technology Kanpur, Kanpur 208016*; House Number 635, IIT Campus, Kanpur 208016 [Tel (0512) 679-7906, 679-7674 (O), 679-8702 (R); Fax 679-7561; Email [smittal@iitk.ac.in](mailto:smittal@iitk.ac.in)]; **Medal:** INSA Young Scientist (1999), AK Bose Memorial (2002); **Council:** Mem 2024-; **SC: V.**



**2000: MITTRA, Indraneel** (b 1943) MBBS, FRCS (England), PhD (London), Sp: Oncology/Cancer Surgery, Fundamental, Clinical and Public Health Research in Cancer; FASc, Dr Ernest Borges Chair in Translational Research and Professor Emeritus, *Department of Surgical Oncology, Tata Memorial Centre, Advance Centre for Treatment, Research & Education in Cancer (ACTREC), Kharghar, Navi Mumbai 410210* [Tel (022) 2740-5136 (O), 2497-6307 (R), 97-697-69720 (M); Fax 2740-5061; Email [indraneel.mittra@gmail.com](mailto:indraneel.mittra@gmail.com)]; **Council:** Mem 2003-05; **SC: IX.**



**2012: MOHAN, Viswanathan** (b 1954), MD, FRCP, PhD, DSc, DSc (*hc*), Sp: Medicine – Diabetes Mellitus; FAMS, FASc, FNASc, FTWAS, FRSE, Chairman, *Madras Diabetes Research Foundation and Dr Mohan's Diabetes Specialities Centre, No 4, Conran Smith Road, Gopalapuram, Chennai 600086*; Sai Anugraha, No 6, Arch Bishop Mathias Avenue, Raja Annamalaipuram, Chennai 600028 [Tel (044) 4396-8888 (O); Email [drmohans@diabetes.ind.in](mailto:drmohans@diabetes.ind.in); Web [www.drmoahans.com](http://www.drmoahans.com), [www.mdrf.in](http://www.mdrf.in)]; **Medal:** Professor KP Bhargava Memorial (2020); **SC: IX.**



**2000: MOHAN RAO, Chintalagiri** (b 1954), PhD, Sp: Molecular Biology and Biophysical Chemistry, Heat shock proteins and Molecular Chaperones in Health and Disease, Anti-cancer molecules; Molecular Diagnostics, Microfluidics and Nanobiology; FASc, FNASc, FTWAS, Former Director, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; Former CSIR-Distinguished Scientist and JC Bose National Fellow; Residence: Plot 71, House No 17-5/3, Dharmapuri Colony, Uppal, Hyderabad 500039 [Tel 91-9494410077]; Email [mohan.ccmb@gmail.com](mailto:mohan.ccmb@gmail.com); Web <http://e-portal.ccmb.res.in/e-space/mohan/index.html>]; **Lecture:** BC Guha Memorial (2014); **Council:** Mem 2010-12; **SC: VIII.**





**2017: MOHANTY, Bedangadas** (*b* 1973), PhD, Sp: Experimental High Energy Physics, Phenomenology of Quark-Gluon Plasma, QCD Phase Diagram and Direct Dark Matter Search; FASc, FNASc, JC Bose National Fellow, Fellow American Physical Society and Professor, *National Institute of Science Education and Research Bhubaneswar, Jatni 752050, Odisha*, E-40, NISER, Jatni 752050, Odisha [Tel (0674) 249-4531 (O), 249-4200 (R), 88-955-84872 (M); Fax 249-4004; Email [bedanga@niser.ac.in](mailto:bedanga@niser.ac.in), [bedanga@gmail.com](mailto:bedanga@gmail.com)]; **Medal:** INSA Young Scientist (2003), SS Bhatnagar (2015); **SC: II.**



**2013: MOHANTY, Debasisa** (*b* 1966), PhD, Sp: Computational Biology & Bioinformatics; FASc, FNASc, Director, *National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067*; Director's Bungalow, NII Campus, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2671-7102 (O), 2674-1168, 2670-3730 (R), 98-187-47627 (M); Fax 2674-2125; Email [deb@nii.ac.in](mailto:deb@nii.ac.in)]; **SC: VIII.**



**2015: MOHANTY, Uma Charan** (*b* 1948), PhD, Sp: Tropical Meteorology, Numerical Weather Prediction, Meso-scale Modelling of severe weather, Climate Modelling and Climate Smart Agriculture; FASc, FNASc, FNAE, Distinguished Professor, Centre for Climate Smart Agriculture (CCSA), Siksha o Anusandhan Deemed to be University (SOADU), *Jagamara, Khandagiri, Bhubaneswar, Khurda 751030, Odisha*; Plot No. 1579/2558, Lane No.4, BM Nagar, Jagamara, Bhubaneswar 751030 [Tel (0674) 295-3164 (R), 87-638-62775, 70-085-76620(M); Email [ucmohanty@gmail.com](mailto:ucmohanty@gmail.com), [ucmohanty@iitbbs.ac.in](mailto:ucmohanty@iitbbs.ac.in)]; **SC: I.**



**2013: MOHAPATRA, Trilochan** (*b* 1962), PhD, Sp: Agricultural Biotechnology; FNASc, FNAAS, Secretary, *Department of Agricultural Research and Education (DARE)* and Director General, *Indian Council of Agricultural Research (ICAR), Room No. 108, Krishi Bhavan, New Delhi 110001*; B-8, IARI Campus, Pusa, New Delhi 110012 [Tel (011) 2338-2629, 2338-6711 (O), 2584-6420 (R), 78-400-00542 (M); Fax 2338-4773; Email [dg.icar@nic.in](mailto:dg.icar@nic.in)]; **Award:** Professor LSS Kumar Memorial (1994); **Medal:** INSA Young Scientist (1994); **SC: X.**



**2003: MONDAL, Naba Kumar** (*b* 1951), PhD, Sp: Experimental Particle Physics, Accelerator Based and Non-Accelerator Based Particle Physics and Neutrino Physics; FASc, FNASc, FTWAS, INSA Senior Scientist, *Applied Nuclear Physics Division, Saha Institute of Nuclear Physics, Kolkata 700064*; NRE 292, New Town Heights, Action Area III, New Town, Kolkata 700135 [Tel (033) 2337-5345 Ext 1733 (O), 4064-8539 (R), 99-875-37701 (M); Email [nkm@tifr.res.in](mailto:nkm@tifr.res.in), [nabak.mondal@gmail.com](mailto:nabak.mondal@gmail.com)]; **SC: II.**



**2018: MOORTHY, Jarugu Narasimha** (*b* 1964), PhD, Sp: Physical Organic Chemistry; FASc, FRSC, Director, *Indian Institute of Science Education and Research Thiruvananthapuram, Vithura, Thiruvananthapuram 695551*; JC Bose National Fellow, Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur 208016; House No. 462, Indian Institute of Technology Kanpur, Kanpur 208016 [Tel (0471) 277-8090 (O), 94-503-43016 (M); Email [moorthy@iitk.ac.in](mailto:moorthy@iitk.ac.in); Web <http://www.iisertvm.ac.in/pages/director/>]; **SC: III.**



**1998: MOULIK, Satya Priya** (b 1936), DSc, PhD, Sp: Surface & Biophysical Chemistry; JU Emeritus Professor & INSA Emeritus Scientist, *Centre for Surface Science, Department of Chemistry, Jadavpur University, Kolkata 700032*; P-202, JU EMPL COOP, Panchasayar, Kolkata 700094 [Tel (033) 2414-6411 (O), 94-339-57837 (M); Fax 2414-6266; Email spmcss@yahoo.com, spmcss@gmail.com]; **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (2004); INSA Honorary Scientist (2006-15); **SC: III.**



**2017: MUGESH, Govindasamy** (b 1970), PhD, Sp: Inorganic Chemistry; FASc, FNAsc, FRSC, Professor, *Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru 560012*; HE-242, New Housing Colony, Indian Institute of Science Campus, Bengaluru 560012 [Tel (080) 2360-2566 (O), 2360-5888 (R), 94-484-50108 (M); Fax 2360-2566; Email mugesh@iisc.ac.in]; **SC: III.**



**2018: MUJUMDAR, Pradeep Pralhad** (b 1958), PhD, Sp: Hydrology; FASc, FNAE, Professor, *Department of Civil Engineering, Indian Institute of Science, Bengaluru 560012*; E-32, New Housing Colony, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2669, 2293-2323 (O), 2360-2668 (R), 98-452-15612 (M); Fax 2360-0290, 2360-0404; Email pradeep@iisc.ac.in; Web <http://civil.iisc.ac.in/~pradeep/>]; **SC: IV.**



**2004: MUKERJEE, Rahul** (b 1956), PhD, Sp: Statistics (Design of Experiments, Asymptotic Theory, Survey Sampling); FASc, FNAsc, *National Science Chair, Indian Institute of Management Calcutta, Joka, Diamond Harbour Road, Kolkata 700104*; Flat 6E, Regent Tower, 121/1 NSC Bose Road, Kolkata 700040 [Tel (033) 2467-8300 (O), 2423-9712 (R); Email rmuk0902@gmail.com]; **SC: I.**



**1991: MUKHERJEE, Debashis** (b 1946), PhD, DSc (bc), Sp: Theoretical Chemistry, Theoretical Spectroscopy; FASc, FNAsc, FTWAS, Distinguished Chair Professor, TCG CREST, Sector V, Salt Lake, Kolkata, West Bengal 700091; formerly SN Bose Chair Professor, SN Bose National Centre for Basic Sciences, JD Block, Sector III, Salt Lake City, Kolkata 700106 (2019-20); Emeritus Chair Professor, SERB Distinguished Fellow and Director, Indian Association for the Cultivation of Science, Kolkata (1978-2018); Res: *Flat 301, Meghdoot Apartments, 24 A, Central Road, Kolkata 700032* [Tel 93-310-19518 (M); Email pcdemu@gmail.com]; **Lecture:** Dr Jagdish Shankar Memorial (1994), Professor Sadhan Basu Memorial (2005); **SC: III.**



**2022: MUKHERJEE, Prasun Kumar** (b 1963), PhD, Sp: Plant Pathology, Biocontrol, Fungal Genetics; FNAsc, FNAAS, Scientific Officer H, *Head, Nuclear Agriculture and Biotechnology Division, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai 400085*; 04-C, Annapurna, Anushaktinagar, Mumbai 400094 [Tel (022) 2559-0367 (O), 97-574-14312 (M); Email prasunmukherjee1@gmail.com, prasunmala@gmail.com]; **SC: X.**





**2008: MUKHERJEE, Rabindra Nath** (b 1953), PhD, Sp: Inorganic Chemistry, Bio-inorganic Chemistry; FASc, FRSC, *Former Professor and Head, Department of Chemistry, Indian Institute of Technology (IIT) Kanpur, Former Director, Indian Institute of Science Education and Research Kolkata, Former Visiting/Emeritus Professor, IIT (ISM) Dhanbad, Elita Garden Vista, Block 5 Flat No. 11-01, Action Area III, New Town, Kolkata 700135* [99-033-82482 (M); Email rnm@iitk.ac.in, rnath.mukherjee@gmail.com]; **SC: III.**



**2005: MUKHI, Sunil** (b 1956), PhD, Sp: Theoretical High Energy Physics, String Theory; FASc, FTWAS, Honorary Emeritus Professor, *Indian Institute of Science Education and Research (IISER), Homi Bhabha Road, Pashan, Pune 411008; C702, Mont Vert Dieu, Pashan-Sus Road, Pune 411021* [Tel 98-672-01156 (M); Email sunil.mukhi@gmail.com]; **Lecture:** Dr Biren Roy Memorial (2022); **SC: II.**



**2007: MUKHOPADHYAY, Amitabha** (b 1959), PhD, Sp: Cell Biology; FASc, FNASc, Professor, *Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, Hans Khas, New Delhi 110016* [Tel (011) 2659-1106 (O), 2674-1164 (R), 98-108-87164 (M); Fax 2671-7104; Email amitabha@bioschool.iitd.ac.in]; **SC: VIII.**



**2021: MUKHOPADHYAY, Arnab** (b 1972), Ph.D, Sp: Molecular Genetics of Aging; FNASc, FNA, Staff Scientist VI, *Molecular Aging Laboratory, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067; A3, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067* [Tel (011) 2670-3885 (O), 2671-5035 (O), 98-712-29286 (M); Email arnab@nii.ac.in]; **SC: VII.**



**1987: MUKHOPADHYAY, Dhruvajyoti** (b 1938), PhD, DIC, Sp: Structural & Precambrian Geology; FASc, FNASc, INSA Emeritus Scientist, Raman Centre for Applied and Interdisciplinary Sciences, 16 A Jheel Road, Kolkata 700075; *G-7 MIG Hsg Estate, 25/3 Raja Manindra Road, Kolkata 700037* [Tel 98-302-72581, 94-330-92581 (M); Email dhruba\_38@yahoo.co.uk]; **Medal:** Professor K Naha Memorial (2001); INSA Senior Scientist (2003-08), INSA Honorary Scientist (2008-15); **Council:** Mem 1997-99; **SC: IV.**



**2024: MUKHOPADHYAY, Nilay Krishna** (b 1962), PhD, Sp: Physical Metallurgy, Quasicrystals, Complex Metallic Alloys, Electron Microscopy; Professor, *Department of Metallurgical Engineering, Indian Institute of Technology, (BHU), Varanasi 221005, UP, Flat A-22, GTFRC, Hyderabad Colony, BHU Campus, Varanasi 221005, UP;* [Tel (0542) 716-5625, 98-398-17585, Fax (0542) 236-8428, Email mukho.met@iitbhu.ac.in]; **Medal:** INSA Young Scientist (1990); **SC-V.**



**2024: MUKHOPADHYAY, Samrat** (b 1975), PhD, Sp: Molecular Biophysics & Chemical Biology, FASc, Professor of Biology and Chemistry, Head, *Department of Biological Sciences, Indian Institute of Science Education and Research (IISER) Mohali; Academic Block 2, IISER Mohali, Sector 81, SAS Nagar, Mohali 140306, MJ-703, IISER Mohali, Sector 81, SAS Nagar, Mohali 140306;* Visiting Professor, Indian Institute of Technology (IIT) Bombay, Mumbai; Editorial Board Member, Biophysical Journal (Cell Press); [Tel 98-159-86538 (M), Email mukhopadhyay@iisermohali.ac.in and samrat.iiser@gmail.com; Webpage ORCID Twitter; **SC-VIII.**

**2016: MUKHOPADHYAY, Sangita** (b 1966), PhD, Sp: Immunology and Infection Biology; FNASc, FASc, Staff Scientist VII, *Centre for DNA Fingerprinting and Diagnostics, Inner Ring Road, Uppal, Hyderabad 500039*; C2-206, Indu Aranya Pallavi, Bandlaguda, Hyderabad 522660 [Tel (040) 2721-6136 (O), 2988-6994 (R), 94-907-51094 (M); Fax 2721-6006; Email sangita@cfd.org.in]; **SC: IX.**



**1980: MUKUNDA, Narasimhaiengar** (b 1939), PhD, Sp: Mechanics, Optics, Mathematical Physics; FASc, FNASc, FTWAS, formerly Professor, IISc, Bengaluru; *103, 6th Main Road, Malleswaram, Bengaluru 560003* [Tel (080) 2334-8657 (R); Email nmukunda@gmail.com]; **Lecture:** JL Nehru Birth Centenary (1992); INSA Distinguished Professor (2015-19); **Council:** Mem 1987-89; **SC: I.**



**2000: MUNIYAPPA, Kalappagowda** (b 1952), PhD, Sp: Molecular Genetics, Molecular Cell Biology, Functional Genomics; FASc, FNASc, FTWAS, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; No. 8/9, 4th Cross, MLA layout, RMV II Stage, Bengaluru 560094 [Tel (080) 2293-2235, 2360-0278 (O), 4866-6966 (R); Fax 2360-0814, 2360-0683; Email kmcb@iisc.ac.in, kmcb@rediffmail.com]; **Medal:** JC Bose (2019); **Lecture:** Professor Vishwa Nath Memorial (2001); **Council:** Mem 2012-14; **SC: VIII.**



**1987: MUNJAL, Manohar Lal** (b 1945), PhD, Sp: Technical Acoustics, Industrial Noise Control, Automotive Noise Control; FASc, FNASc, FNAE, AICTE Distinguished Chair Professor & INSA Honorary Scientist, *Department of Mechanical Engineering, Indian Institute of Science, Bengaluru 560012*; S-1, Skanda Residency, 40-41, 6th Cross, Ashram Colony, Sanjay Nagar, Bengaluru 560094 [Tel (080) 2360-3611 (O), 2341-4855 (R); Fax 2360-0648; Email munjal@iisc.ac.in; Web <http://www.mecheng.iisc.ac.in/~frita/>]; **Medal:** INSA Young Scientist (1975); **Lecture:** Dr GP Chatterjee Memorial (2006); INSA Senior Scientist (2017-19); **Council:** Mem 2001-03, VP 2011-13; **SC: V.**



**2020: MUNSHI, Ritabrata** (b 1976), PhD, Sp: Number Theory; FASc, Professor, *Indian Statistical Institute, 203 B.T. Road, Kolkata 700108*; 10E R1, Sunrise Symphony, AA2B New Town, Kolkata 700157 [Tel (033) 2575-3419 (O), 2332-2527 (R), 90-040-55057 (M); Fax 2577-3071; Email ritabratamunshi@gmail.com]; **SC: I.**



**1995: MURALIDHAR, Kambadur** (b 1948), PhD, Sp: Biochemistry & Endocrinology; FASc, FNASc, formerly Jawaharlal Nehru Chair, School of Life Sciences, University of Hyderabad, Hyderabad 500046; formerly JC Bose National Fellow & Honorary Professor, South Asian University, New Delhi; formerly Professor & HOD, Zoology, University of Delhi; #303, 7-1-69/1/25, DK Road, Ameerpet, Hyderabad 500016 [Tel 98-109-27705 (M); Email murali9810@hotmail.com, kambadur2015@gmail.com]; **Lecture:** Professor MRN Prasad Memorial (2010); **Council:** Mem 1998-2000; **SC: VI.**



**1997: MURTHY, Mathur Ramabhadraswamy Narasimha** (b 1950), PhD, Sp: X-ray Diffraction, Macromolecular Crystallography, Protein Structure and Function, Virus Structure and Assembly; FASc, FAAS, FTWAS, Astra-Zeneca Distinguished Professor, Institute of Bioinformatics and Structural Biology, Bengaluru; Visiting Professor, Indian Institute of Science Education and Research, Thiruvananthapuram; 531, Beladingalu, 14th Main Gokul, I Stage, I Phase, Bengaluru 560054 [Tel (080) 2293-3219 (O), 99-003-13742 (M); Fax 2360-0535; Email mrn@mbu.ac.in, mburnrn@gmail.com]; **Medal:** Professor GN Ramachandran 60th Birthday Commemoration (2003); INSA Senior Scientist (2016-19); **Council:** Mem 2011-13; **SC: VIII.**





**2014: MURTY, Budaraju Srinivasa** (*b* 1964), PhD, Sp: Physical Metallurgy, Advanced Materials; FASc, FNASc, FNAE, FTWAS, Director, *Indian Institute of Technology Hyderabad, 502284, FT3-16.A1* [Tel 94-440-77006, 83-310-36001 (M) ; Email bsm@iith.ac.in, director@iith.ac.in; Web www.mme.iitm.ac.in/murty]; **Medal:** INSA Young Scientist (1995); **SC: V.**



**2015: MURUGAVEL, Ramaswamy** (*b* 1964), PhD, Sp: Inorganic Chemistry; FASc, FRSC, Biswas Palepu Distinguished Chair Professor, *Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400076; B-300, IIT Staff Quarters, Powai, Mumbai 400076* [Tel (022) 2576-7163, 2576-8163 (R), 98-208-03249 (M); Email rmv@chem.iitb.ac.in, muruks@iitb.ac.in, rmuruks@gmail.com]; **SC: III.**



**1989: MUTHUKKARUPPAN, Veerappan** (*b* 1934), PhD, Sp: Immunology, Ocular Diseases, Stem Cell Biology; FASc, formerly Professor of Immunology, School of Biological Sciences, Madurai Kamaraj University, Madurai 625021 and VC, Bharathidasan Univ, Tiruchirappalli; Advisor-Research, *Aravind Medical Research Foundation, Dr. G. Venkataswamy Eye Research Institute, No 1, Anna Nagar, Madurai 625020; 2/173-A, Palkalai Nagar East, Madurai 625021* [Tel (0452) 435-6100 (O); Fax 253-0984; Email muthu@aravind.org]; **SC: IX.**



**2024: MYLAVARAPU, Sivaram Venkata Satya** (*b* 1974), PhD, Sp: Cell Biology, FNASc, Professor, *Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone Faridabad-Gurgaon Expressway, Faridabad, Haryana 121 001, T9-1505, RPS Savana, Sector 88 (Neharpar), Faridabad, Haryana 121002; [Tel (0129) 284-8830 (O), 490-0286 (R), 96-502-48636 (M), Email sivaram@rcb.res.in, sivaram.rcb@gmail.com]; **SC-VII.***



**1991: NADKARNI, Mahendra Ganpatrao** (*b* 1939), PhD, Sp: Harmonic Analysis & Ergodic Theory; FASc, Professor Emeritus, Department of Mathematics, University of Mumbai, Kalina, Mumbai 400098; *C-31, Mangireesh, M M Chotani Road, Mahim, Mumbai 400016* [Tel (022) 2652-8871 (O), 2444-1093 (R); Email mgnadkarni@gmail.com]; **Medal:** PC Mahalanobis (2014); INSA Senior Scientist (2003-07); **Council:** Mem 1997-99; **SC: I.**



**1990: NAG, Kamalaksha** (*b* 1942), PhD, DSc (hc), Sp: Inorganic Chemistry; FASc, formerly Senior/Emeritus Professor, Indian Association for the Cultivation of Science, Kolkata 700032; *B-26, Jayashri Park, Behala, Kolkata 700034* [96-745-13756 (M); Email kamalakshanag@gmail.com, ickn@iacs.res.in, knagiacs@rediffmail.com]; INSA Senior Scientist (2008-12); INSA Honorary Scientist (2013-15); **SC: III.**



**1981: NAGABUSHANAM, Rachakonda** (*b* 1931), DSc, PhD (Tulane), Sp: Animal Physiology & Invertebrate Endocrinology; FNASc, formerly Professor & Head, Department of Zoology, Marathwada University, Aurangabad; Consultant in Biotechnology, *8009 New Brunswick Dr Cincinnati, OH, 45241-1357, USA* [Tel (0513) 779-1443]; **SC: VI.**

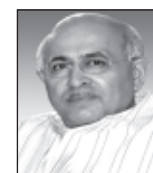
**2017: NAGARAJ, Donihakalu Shankar** (*b* 1958), PhD, Sp: Algebraic Geometry; FASc, FNASc, Visiting Professor, *Indian Institute of Science Education and Research Tirupati, Karakambadi Road, Rami Reddy Nagar, Mangalam (P.O.), Andhra Pradesh 517507; J-3, Shivani, Block II, 40, East Coast Road, Thiruvanimiyur, Chennai 600041* [Tel (0877) 250-0421 (O), 2451-6393 (R), 96-770-30434 (M); Email [dsn@imsc.res.in](mailto:dsn@imsc.res.in), [dsn@iisertirupati.ac.in](mailto:dsn@iisertirupati.ac.in)]; **SC: I.**



**1998: NAGARAJ, Ramakrishnan** (*b* 1953), PhD, Sp: Peptide Biochemistry, Membrane Biochemistry; INSA Senior Scientist, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007; Flat No 103, Vinay Vihar, Street No 11, Tarnaka, Hyderabad 500017* [Tel 98-483-03895 (M); Email [nrajcmb@gmail.com](mailto:nrajcmb@gmail.com); Web <http://www.cmb.res.in>]; **Medal:** INSA Young Scientist (1981); **Lecture:** Dr Nitya Anand Endowment (1997); **SC: VIII.**



**2004: NAGARAJA, Valakunja** (*b* 1954), PhD, Sp: Molecular Biology of Mycobacteria, Regulation of Gene Expression and Protein-DNA Interactions; Professor, *Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru 560012; 'Sumeru' No. 19, RMV Enclave, NTI Layout, Adj. Dollar Colony, RMV Extn II Stage, Bengaluru 560094* [Tel (080) 2360-0668, 2293-2598 (O), 2341-8256 (R); Fax 2360-2697; Email [vraj@iisc.ac.in](mailto:vraj@iisc.ac.in)]; **Medal:** JC Bose (2010); **Lecture:** Dr Nitya Anand Endowment (2009); **Council:** Mem 2021-23; **SC: VIII.**



**2000: NAGARAJAN, Radhakrishnan** (*b* 1942), MSc (Prev), Sp: Superconductivity, Valence Fluctuation, Mossbauer Spectroscopy, Instrumentation; Emeritus Professor, University of Mumbai, Department of Atomic Energy, Centre of Excellence for Basic Sciences, Health Centre Building, Vidyanagari, Santacruz (E), Mumbai 400098; formerly Professor, Department of Condensed Matter Physics and Material Science, TIFR, Mumbai; *303, Dnyaneshwar, Off- Gaikwad Road, (Near Jain Temple, opp. Tambe Nagar), Mulund (W), Mumbai 400080* [Tel 93-223-70689 (M); Email [nagian2006@gmail.com](mailto:nagian2006@gmail.com)]; **Lecture:** INSA Prize for Materials Science (2003); **SC: II.**



**2021: NAGARAJU, Ganesh** (*b* 1973), PhD, Sp: DNA Damage Responses, Cell Biology and Cancer Biology; FNASc, FASc, Indian Academy of Sciences in 2023; Professor, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012; HE-122, Indian Institute of Science, Bengaluru 560 012* [Tel (080) 22933055 (O), 97-318-81206 (M); Email [nganesh@iisc.ac.in](mailto:nganesh@iisc.ac.in)]; **SC: VIII.**



**2023: NAGENDRA, Harini** (*b* 1972), PhD, Sp: Landscape Ecology; Forest Conservation; Satellite Remote Sensing; Urban ecology, Climate Change, Director, Research Centre and Professor, Centre for Climate Change and Sustainability, *Azim Premji University, Survey No. 66, Burgunte Village, Bikkabahalli Main Road, Sarjapura, Bengaluru 562125, Karnataka, India; 81, Rainbow Residency, Sarjapur Road, Junnasandra, Bengaluru, Karnataka, India 560035* [Tel +91 89718 89988 (O); 98-453-48103 (M); Email [harini.nagendra@apu.edu.in](mailto:harini.nagendra@apu.edu.in)]; **Medal:** INSA Young Scientist (2001); **Award:** Professor LSS Kumar Memorial (2001); **SC: VI.**





**2023: NAIR, Deepak Thankappan** (*b* 1973), PhD, Sp: Structural & Molecular Biology, Professor, *Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone, Faridabad 121001*; J202, Park Grandeura, Sector 82, Neharpar, Faridabad 121002 [Tel (0129) 284-8844 (O); 96-430-02885 (M); Email deepak@rcb.res.in]; **SC: VIII.**



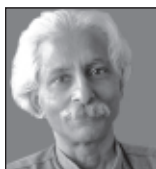
**2003: NAIR, Gopinath Balakrish** (*b* 1954), PhD, Sp: Medical and Molecular Microbiology; FASc, FNASc, FTWAS, Foreign Assoc US NAS, Fellow, American Academy of Microbiology, Independent Consultant, Former Director NICED & THSTI; Former Acting Regional Adviser, WHO, SEARO; *3E SFS Palace Court, T.C. 5/2380 (22), Pipe Lane Road, Kovdiar, Thiruvananthapuram 695003* [Tel (0471) 243-3857 (R), 99-998-29379 (M); Email gbnair\_2000@yahoo.com]; **Council:** Ad Mem 2010; **SC: IX.**



**2019: NANDICOORI, Vinay Kumar** (*b* 1969), PhD, Sp: Microbiology, Molecular Biology and Cell Signalling; FNASc, FASc, Director, Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad 500007; Staff Scientist VII, National Institute of Immunology, New Delhi 110067; Director Bungalow, CCMB-Quaters, HMT Nagar, Nacharam, Hyderabad, Telangana, 500076; [Tel (011) 27160789 (O), 9891497516 (M); Email: director@ccmb.res.in, vinaykn@ccmb.res.in, vinaykn@niia.ac.in]; **SC: VII.**



**2009: NANGIA, Ashwini** (*b* 1960), PhD, Sp: Organic Chemistry, Crystal Engineering, Pharmaceutical Cocrystals; Senior Professor, School of Chemistry, University of Hyderabad, Hyderabad 500046 [Tel (040) 2313-4800 (O), 98-481-55416, 91-722-06021 (M); Email ashwini.nangia@gmail.com]; **Medal:** Golden Jubilee Commemoration (Chem Sc) (2016); **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (2022); **SC: III.**



**1998: NANJUNDIAH, Vidyanand** (*b* 1947), PhD, Sp: Evolution, Theoretical Biology; *Centre for Human Genetics, Bengaluru 560100*; 201, 55 Kanakapura Road, Bengaluru 560004 [Tel (080) 2852-1832 (O), 2667-0631 (R); Email vidyan@alumni.iisc.ac.in]; **SC: VI.**



**2001: NAQVI, Syed Wajih Ahmad** (*b* 1954), PhD, Sp: Aquatic Biogeochemistry, Chemical Oceanography and Paleoceanography; FASc, FNASc, FTWAS, Geochemistry Fellow, National Science Chair, CSIR-National Botanical Research Institute, Lucknow 2226001; 203 Saitech Grace, Mohan Meakins Road, Daliganj, Lucknow 226020 [Tel (0522) 229-7925 (O), 96-433-14093 (M); Email wajih\_naqvi@yahoo.com]; **Lecture:** SK Mitra Memorial (2015); **Council:** Mem 2020-22; **SC: IV.**



**2010: NARAHARI, Yadati** (*b* 1959), PhD, Sp: Game Theory and Artificial Intelligence; FASc, FNASc, FNAE, FIEEE, Professor, *Department of Computer Science and Automation, Indian Institute of Science, Bengaluru 560012*; No 65, 4th Cross Swimming Pool Extension, Malleswaram, Bengaluru 560003 [Tel (080) 2293-2773, 2293-2468, 2293-2368 (O), 2331-0265 (R); Fax 2360-2911/0683/0085; Email narahari@iisc.ac.in; Web <https://gtl.csa.iisc.ac.in/hari/>]; **SC: V.**

**2021: NARAIN, Sunita** (*b* 1961), DSc (Hon), Sp: Environment, Sustainable development, Public Policy, Science Outreach; Director General, *Centre for Science and Environment, 41 Tughlakabad Institutional Area, New Delhi 110062*; [Tel (011) 2995-5778 (O), Email [sunita@cseindia.org](mailto:sunita@cseindia.org)]; **NC**.



**2002: NARASIMHAN, Ramarathnam** (*b* 1960), PhD, Sp: Fracture Mechanics, Computational Solid Mechanics; FASc, FNAE, Professor, *Department of Mechanical Engineering, Indian Institute of Science, Bengaluru 560012*; No 130, Third Main Road, Vinayaka Layout, Boopasandra, Bengaluru 560094 [Tel (080) 2293-2959 (O), 2341-9667 (R); Fax 2360-0648; Email [narasi@iisc.ac.in](mailto:narasi@iisc.ac.in)]; **Council: Mem 2018-20; SC: V**.



**2015: NARAYAN, Kavassery Sureswaran** (*b* 1964), MS, PhD, Sp: Device Physics, Organic Electronics, Photophysics & Biomolecular Electronics; FASc, FNASc, Professor, *Jawaharlal Nebru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; B-502, Sterling Residency, RMV IIInd Stage, Dollars Colony, Bengaluru 560094 [Tel (080) 2208-2822 (O), 99-166-19847 (M); Fax 2208-2766; Email [narayan@jncasr.ac.in](mailto:narayan@jncasr.ac.in)]; **SC: II**.



**1993: NARLIKAR, Anant Vishnu** (*b* 1940), PhD (Cantab), ScD (Cantab), Sp: Superconductivity & Nanostructures; FASc, FNASc, formerly Director Grade Scientist, NPL, New Delhi; *211-212 Peace Point Colony, Behind Queens College, Khandva Road, Indore 452001*; Email [narlikar@yahoo.com](mailto:narlikar@yahoo.com)]; **Medal: HJ Bhabha (1996); SC: II**.



**1977: NARLIKAR, Jayant Vishnu** (*b* 1938), ScD (Cantab), Sp: Cosmology & Theoretical Astrophysics; FASc, FNASc, FTWAS, Emeritus Professor, *Inter-Univ Centre for Astronomy and Astrophysics, Pune University Campus, Pune 411007*; 6, Khagol, S No. 38/1 Panchavati, Pashan, Pune 411008 [Tel (020) 2560-4100 (O), 2588-1150 (R); Fax 2560-4698; Email [jvn@iucaa.in](mailto:jvn@iucaa.in)]; **Medal: INSA-Vainu Bappu Memorial (1988); Indira Gandhi Prize for Popularization of Science (1990); Council: Mem 1987-88; SC: II**.



**2017: NATARAJAN, Saradha** (*b* 1954), PhD, Sp: Number Theory; *B-706, Everard Towers, Everard Nagar, Eastern Express Highway, Sion, Mumbai 400022* [Tel 91-672-84541 (O), 98-923-61908 (M); Email [saradha54@gmail.com](mailto:saradha54@gmail.com)]; **SC: I**.



**2013: NATARAJAN, Srinivasan** (*b* 1960), PhD, Sp: Inorganic Materials Chemistry, FASc, FNASc, Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; Flat No. 4, 2A Ram Elegance, 4th Main, 7th Cross Naidu Layout RMV 2nd Stage, Bengaluru 560094 [Tel (080) 2293-2551 (O), 2341-7591 (R), 94-489-37430 (M); Fax 2360-1310 2360-0683; Email [snatarajan@iisc.ac.in](mailto:snatarajan@iisc.ac.in), [rajan1960@gmail.com](mailto:rajan1960@gmail.com); Web <http://sscu.iisc.ac.in/faculty/prof-srinivasan-natarajan/>]; **Lecture: Professor S Swaminathan 60th Birthday Commemoration (2019); SC: III**.





**2020: NATH, Utpal** (b 1965), PhD, Sp: Leaf Morphogenesis; FASc, FNASc, Associate Professor, *Department of Microbiology & Cell Biology, Indian Institute of Science, Bengaluru 560012*; B-305, Brigade Gateway, 26/1 Dr. Rajkumar Road, Malleswaram West, Bengaluru 560055 [Tel (080) 2293-2414 (O), 4114-8064 (R), 94-489-70438 (M); Fax 2360-2697; Email utpalnath@iisc.ac.in]; **SC: VI.**



**2014: NAUTIYAL, Chandra Shekhar** (b 1956), PhD, Sp: Plant-Microbe Interactions & Soil Microbiology and Holistic Human Health; FNASc, FNAAS, Scientific Advisor, Swami Rama Himalayan University, Jolly Grant University, Doiwal, Dehradun 248140; formerly Director, CSIR-National Botanical Research Institute, Rana Pratap Marg, PO Box 436, Lucknow 226001; *Vice-Chancellor, Doon University, Mothrowala Road, Kedarpur, Dehradun 248001*; *Swami Ram Himalayan University, Jolly Grant University, Doimala, Dehradun 248140* [Tel 63-959-22202, 94-155-11111 (M); Email csnbri@yahoo.com, nautiyalnbri@lycos.com]; **SC: X.**



**1988: NAYAK, Nabeen Chandra** (b 1931), MD, Sp: Pathology, Liver Diseases & Cancer; FASc, FAMS, FRCPath, Senior Consultant and Head, *Department of Histopathology & Chairman, Research Committee, Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi 110060*; Emeritus Professor of Pathology, AIIMS, New Delhi; formerly Head, Department of Pathology and Chief of Cancer Hospital, AIIMS, New Delhi; Chairman, Pathology and Director Hospital Laboratory Services, Faculty of Medicine, Kuwait University; X-29, Hauz Khas, New Delhi 110016 [Tel 70-424-65558 (M), 2656-8171 (R), Fax 2656-8171 (R); Email dr\_ncnayak@yahoo.com]; **SC: IX.**



**2021: NAYAK, Shailesh** (b 1953), PhD, Sp: Earth Sciences; FASc, FNASc, Director, *National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru 560012*; 304, Purva Atria Platina, 3rd Main, 4th Cross, RMV Stage II, Bengaluru 560094 [Tel (080) 2360-1969, 2218-5076 (O), 98-682-62969 (M); Email shailesh@nias.res.in, shaileshnayak@hotmail.com]; **NC.**



**2021: NITSURE, Nitin** (b 1957), PhD, Sp: Mathematics; FASc, Former Professor, School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005; 152 C wing, Kalpataru Jade Residences, Pancard Club Road, Baner, Pune 411045; [Tel 98-690-20788 (M); Email: nitsure@gmail.com]; Medal: INSA Young Scientist (1989); **SC: I.**



**1998: NITYANANDA, Rajaram** (b 1948), PhD, Sp: Optics, Statistical Physics, Gravitational Dynamics; FASc, FNASc, Simons Visiting Professor, ICTS, Bengaluru; Home address: *3A601, Serene Urbana, Kannamangala Village, Devvanahalli, Bengaluru 562110*, [Tel 96-117-89391 (M); Email rajaram.nityananda@gmail.com]; **Lecture: KS Krishnan Memorial (2004)**; **SC: II.**



**1988: NORI, Madhav Vithal** (b 1949), PhD, Sp: Algebraic Geometry, Commutative Algebra; *Department of Mathematics, The University of Chicago, 5734 S Univ Avenue, Chicago, IL 60637, USA* [Email mnori@uchicago.edu]; **Medal:** INSA Young Scientist (1980); **SC: I.**



**1985: PADMANABAN, Govindarajan** (b 1938), PhD, DSc (*hc*), Sp: Biochemistry, Molecular Biology & Malaria; FASc, FNAsc, Honorary Professor, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; formerly Director, IISc, Bengaluru; No. 5, 8th Main Rd, Vyalikaval, Bengaluru 560003 [Tel (080) 2360-1492, 2394-2540 (O), 2334-2223 (R); Fax 2360-1492, 2360-0814; Email geepee@iisc.ac.in]; **Professorship:** INSA-CV Raman Research Professor (1991-96); **Medal:** SS Bhatnagar (1999); **Visiting Fellowship:** JL Nehru Birth Centenary (1991); INSA Senior Scientist (2013-15); **Council:** Mem 1991-92; **SC: VIII.**



**2020: PADMANABHAN, Janardhan** (b 1960), PhD, Solarwind, Space Weather, Solar Radio Studies, Solar Magnetic Fields, Comets; Senior Professor (H) and Dean (Retd.), PI ASPEX payload onboard Aditya-L1 (2008-2020); Physical Research Laboratory, Navrangpura, Ahmedabad 380009; *53 Aarohi Homes, South Bopal, Ahmedabad 380058* [Tel (079) 2686-0261 (R), 94-282-46845 (M); Email janardhan.padmanabhan@gmail.com]; **SC: II.**



**1980: PAI, Mangalore Anantha** (b 1931), BE (Univ of Madras), MS, PhD (UC Berkeley), Sp: Power System Dynamics, Power System Control & Computation; Professor Emeritus, *Department of Electrical and Computer Engineering, University of Illinois, Urbana-Champaign, Urbana IL 61801, USA*; 33 Rockwood, Irvine, CA 92614, USA [Tel 217-344-0977 (O), 217-417- 9725 (M); Email mapai@illinois.edu, mapai@uiuc.edu]; **SC: V.**



**2016: PAL, Amlan Jyoti** (b 1960), PhD, Sp: Device Physics, Organic Electronics, Materials Engineering; FASc, FNAE, FNAsc, Director, UGC-DAE Consortium for Scientific Research, Indore 452001; JC Bose National Fellow, School of Physical Sciences, *Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700032*; A-4/11/44, Calcutta Greens Towers, 1050/2 Survey Park, Kolkata 700075 [Tel (0731) 246-3913, (033) 2956-0222 (R), 94-330-59564 (M); Email sspajp@iacs.res.in, amlan.pal@gmail.com; Web <http://iacs.res.in/faculty-profile.html?id=73>]; **SC: II.**



**1990: PAL, Manoj Kumar** (b 1932), DPhil, Sp: Theoretical Nuclear Physics; FASc, *SN Bose National Centre for Basic Sciences, JD Block, Sector 3, Salt Lake City, Kolkata 700091*; 41, Elgin Road (IB), Kolkata 700020 [Tel (033) 2358-5708 (O), 2475-6829 (R)]; **SC: II.**



**2011: PAL, Nikhil Ranjan** (b 1959), PhD, Sp: Computational Intelligence-Fuzzy Logic, Neural Networks and Evolutionary Computing, Machine Learning, and Artificial Intelligence; FNAsc, FNAE, FTWAS, FIEEEE, *Electronics and Communication Sciences Unit, Indian Statistical Institute, 203 BT Road, Kolkata 700108* [Tel (033) 2575-2906 (O), 94-339-05237 (M); Fax 2575-2914; Email nikhil@isical.ac.in, nrpal59@gmail.com; Web [www.isical.ac.in/~nikhil](http://www.isical.ac.in/~nikhil)]; **SC: V.**





**1994: PAL, Sankar Kumar** (b 1950), PhD (Cal & Lond), DIC, Sp: Computer Science, Soft Computing and Machine Intelligence, Pattern Recognition and Image/Video Processing, Fuzzy Systems & Neural Learning, Data Mining and Social Network Analysis, Bioinformatics, Cognitive Machines and Machine-Mind Development, Data Science and Deep Learning; FNASc, FASc, FNAE, FTWAS, FIEEE; Foreign Member, European Academy of Sciences and Arts; National Science Chair (SERB-DST), ISI-President, ISI-Emeritus Professor, AICTE-Distinguished Chair Professor; formerly Distinguished Scientist and Director, *Indian Statistical Institute, 203, BT Road, Kolkata 700108*; formerly DAE Raja Ramanna Fellow, JC Bose National Fellow, and INAE Chair Professor; B-4, Lake View Park, PO ISI, Kolkata 700108 [Tel (033) 2575-2041 (D), 2575-2040, 2575-3100 (O), 2464-8775, 2577-2030 (R); Fax 2578-8699, 2578-3357; Email [sankar@isical.ac.in](mailto:sankar@isical.ac.in), [sankarpal@yahoo.com](mailto:sankarpal@yahoo.com); Web <https://www.isical.ac.in/~sankar>; **Medal:** SH Zaheer (2001); **Lecture:** JL Nehru Birth Centenary (2017); INSA Distinguished Professor (2018-20); **SC: V.**



**2003: PAL, Sourav** (b 1955), PhD, Sp: Theoretical Chemistry, Electronic Structure Theory, Ab initio Quantum Chemistry; FASc, FNASc, FRSC, Director, *Indian Institute of Science Education and Research, Kolkata, Mohanpur 741246, Nadia, West Bengal*; Director's Bungalow, IISER Kolkata campus, Mohanpur 741246, West Bengal [Tel (033) 6634-0012 (O), 6634-0013 (R); Fax 2502-8002; Email [s.pal@iiserkol.ac.in](mailto:s.pal@iiserkol.ac.in), [s.pal@ncl.res.in](mailto:s.pal@ncl.res.in), [spal@chem.iitb.ac.in](mailto:spal@chem.iitb.ac.in); Web <http://www.chem.iitb.ac.in>, [www.iiserkol.ac.in](http://www.iiserkol.ac.in)]; **Medal:** INSA Young Scientist (1987); **Lecture:** Dr Jagdish Shankar Memorial (2006); Professor Sadhan Basu Memorial (2014); **Council:** Mem 2018-20; **SC: III.**



**2023: PALAKURISSI BALAGOPAL, Sunil Kumar** (b 1964), PhD, Sp; Soft condensed Matter, Computational Physics, Statistical Physics, Multi-Scale Simulations, Large Scale Parallel Computing, FASc, Professor, IIT Madras, *Indian Institute of Technology Madras, Chennai 600036*, Tamil Nadu; 1A - B27(Chola), IIT Madras, Chennai 600036 [Tel (044) 2257-4876 (O); 98-403-29487 (M); Email [sunil@iitm.ac.in](mailto:sunil@iitm.ac.in)]; **SC: II**



**2014: PALANIANDAVAR, Mallayan** (b 1951), PhD, Sp: Bioinorganic Chemistry of DNA, Copper and Iron: Activation of Molecular Oxygen, Functional Models for Metalloproteins, Interaction of Metal Complexes with DNA and Proteins, Metal-based Anticancer Drugs; FASc, FRSC, *Department of Chemistry, Bharathidasan University, Tiruchirappalli 620023*; 10, Gokulam Colony, Tiruchirappalli 620023 [Tel (0431) 245-7510 (R), 94-436-44758 (M); Email [palanim51@yahoo.com](mailto:palanim51@yahoo.com), [palaniandavarm@gmail.com](mailto:palaniandavarm@gmail.com), [palaniandavar@bdu.ac.in](mailto:palaniandavar@bdu.ac.in)]; **SC: III.**



**2014: PALIT, Dipak Kumar** (b 1957), PhD, Sp: Radiation and Photochemistry, Ultrafast Spectroscopy and Chemical Reaction Dynamics; FASc, FNASc, Emeritus Professor, *UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai, Kalina Campus, Santacruz (E), Mumbai 400098*; Flat No. B22-03, Neptune Building, Suncity Housing Complex, A.S. Marg, Powai, Mumbai 400076 [Tel (022) 2578-4128 (R), 99-691-49589 (M); Email [palitdk@gmail.com](mailto:palitdk@gmail.com), [dkpalit@cbs.ac.in](mailto:dkpalit@cbs.ac.in)]; **SC: III.**

**2013: PALNI, Lok Man Singh** (b 1953), PhD, Sp: Plant Physiology & Biotechnology, Plant-Microbe Interactions, Himalayan Issues; FNASc, FNAAS, Professor & Vice Chancellor, *Graphic Era (Deemed) University, Clement Town, Dehradun 248002*; formerly Director, GB Pant National Institute of Himalayan Environment & Sustainable Development, Almora; Flat 1-A/B, Riturain, Woldorf Compound, Nr. Vijaya Bank, Nainital 263001, Uttarakhand [Tel 84-759-96514, 94-567-48720 (M); Email lmspalni@rediffmail.com]; **SC: X.**



**2018: PANDA, Dulal** (b 1964), PhD, Sp: Biochemistry, Cell Biology, Biophysics, and Pharmacology; FTWAS, FNASc, FASc, Director, *National Institute of Pharmaceutical Education and Research, Mohali, Director's Bungalow, NIPER SAS Nagar, Sector 67, Punjab 160062* [Tel (0172) 2214690 (O) 2214694 (R), 98-203-91591 (M); Email panda@iitb.ac.in, panda@niper.ac.in]; **SC: VIII.**



**2010: PANDA, Subrat Kumar** (b 1954), MBBS, MD, Sp: Liver Pathology and Virology of Hepatitis Viruses; FASc, FAMS, *E-64, Sector Beta-1, Greater Noida, Gautam Budh Nagar, Uttar Pradesh 201310* [Tel 98-104-77853, 99-681-73829 (M); Email subrat@gmail.com, pandask@hotmail.com]; **SC: IX.**



**2015: PANDA, Sudhakar** (b 1959), PhD, Sp: Field Theory, String Theory, Supergravity and String Cosmology; FASc, FNASc, JC Bose National Fellow, Director, *National Institute of Science Education and Research, Post. Jatni, Khurda 752050, Odisha* [Tel (0674) 249-4002 (O), 249-4500 (R), 94-375-59215 (M); Email director@niser.ac.in, panda@niser.ac.in]; **SC: II.**



**2024: PANDEY, Ashok** (b 1956), PhD, Sp: Industrial/Environmental Biotechnology, (FTWAS, FBRS, FNASc, FISEES, FICS, FWSSET), Distinguished Scientist, *Centre for Innovation & Translational Research, CSIR-Indian Institute of Toxicology Research, Lucknow 226 001, C-503, Cloud Nine Aptt., Wazir Hasan Road, Lucknow 226 001*; [Tel (0522) 221-7646 (O), 933-668-9038 (M), Email ashokpandey1956@gmail.com, ashok.pandey1@iitr.res.in]; **SC: VI.**



**2023: PANDEY, Daya Shankar** (b 1961), PhD, Sp: Chemistry, FASc, FNASc, Professor, *Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh 221005*; Vill. Jagdishpur, P.O. Sarai Sagar, Faizabad (Ayodhya), Uttar Pradesh 224441 [Tel 94-509-60400 (M); Email dspbhu@bhu.ac.in]; **SC: III**



**2004: PANDEY, Dhananjai** (b 1952), PhD, Sp: Condensed Matter Physics, Materials Science, Crystallography, Structural Phase Transitions; FASc, *School of Materials Science and Technology, Indian Institute of Technology, Banaras Hindu University, Varanasi 221005*; formerly Director, Indian Institute of Technology, BHU, Varanasi; H-7, VDA Flats, Ravindrapuri Extension, Varanasi 221005 [Tel (0542) 670-1790 (O), 231-4658 (R), 94-530-48510 (M); Fax 236-8174, 236-8428; Email dpandey\_bhu@yahoo.co.in, dp.mst1979@gmail.com]; **Medal:** INSA Young Scientist (1980); **Council:** Mem 2016-17; **SC: II.**





**1999: PANDEY, Ganesh Prasad** (*b* 1954), PhD, Sp: Organic Chemistry; FASc, FNASc, Distinguished Professor, *Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi 221005*; A-19, New Teachers Apartment, Jodhpur Colony, B.H.U., Varanasi-221005 (Present) A-198, Omaex City, Amar Shahid Path, Raebareli Road, Lucknow 226025 (Permanent) [Tel (0522) 434-9432 (R), 99-701-71802 (M); Email ganesh.pandey1@bhu.ac.in, gp8577@gmail.com; Web <http://www.bhu.ac.in/science/chemistry/>]; **Medal:** Professor TR Seshadri 70th Birthday Commemoration (2003); **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (2013); **Council:** Ad Mem 2009, 2013, Mem 2017-19; **SC: III.**



**1987: PANDIAN, Thavamani Jegajothivel** (*b* 1939), PhD, Dr rer nat (Kiel, Germany), DSc (CIFE, Mumbai), Sp: Animal Sciences & Fish Genetics; FASc, FNASc, FNAAS, FTWAS, formerly National Professor, School of Biological Sciences, Madurai Kamaraj University, Madurai 625021; 9, *Old Natham Road, Madurai 625014* [Tel (0452) 264-0139 (R), 98-421-64130 (M); Email tjpandian16@gmail.com]; **Council:** Mem 1990, Ed Pub 1991-94; **SC: VI.**



**2009: PANDIT, Aniruddha Bhalchandra** (*b* 1957), PhD (Tech), Sp: Chemical Engineering, Design of Multiphase Reactors, Bubble Dynamics and Cavitation Phenomena; FASc, FNASc, FNAE, FTWAS, Vice Chancellor and UGC Research Scientist C (Professor's Grade), *Chemical Engineering Department, Institute of Chemical Technology, Mumbai 400019*; E-3, Prashant Co-op Housing Society, Senapati Bapat Marg, Mahim, Mumbai 400016 [Tel (022) 3361-1111 (O), 2430-2660 (R); Fax 3361-1020; Email ab.pandit@ictmumbai.edu.in, dr.pandit@gmail.com, nanapandit@yahoo.co.uk]; **Award:** INSA Teachers Award (2012); **Medal:** Vishwakarma (2015); **SC: V.**



**2017: PANDIT, Maharaj Krishan** (*b* 1958), PhD, Sp: Plant Sciences, Ecogenomics, Conservation Biology; FNASc, International Member (IHM), American Academy of Arts & Sciences, Ngee Ann Kongsi Distinguished Visiting Professor, National University of Singapore, and Dean, Jindal School of Environment & Sustainability, OP Jindal Global University; former Radcliffe Fellow, Harvard University, Distinguished Professor, National University of Singapore, Dean, Faculty of Science, Professor & Head, Department of Environmental Studies & Director, CISMHE, University of Delhi, Delhi 110007; *L-4/30, Fourth Floor, DLF Phase 2, Gurugram 122002* [Tel 98-110-47018 (M); Email: rajkpandit@gmail.com; Web [www.maharajpandit.com](http://www.maharajpandit.com)]; **SC: VI.**



**2006: PANDIT, Rahul** (*b* 1956), PhD (Illinois), Sp: Statistical Mechanics of Phase Transitions, Condensed Matter Theory, Spatiotemporal Chaos, Mathematical Models for Cardiac Tissue and Turbulence; FASc, FTWAS, National Science Chair and Honorary Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2293-2863 (O), 2664-7689 (R) 98-452-30684 (M); Fax 2360-2602; Email rahul@iisc.ac.in; Web <http://www.physics.iisc.ac.in/~rahul/>]; **Medal:** INSA Young Scientist (1988), Satyendranath Bose (2021); **SC: II.**



**2018: PARAMESWARAN, Aryampilly Jayanthan** (*b* 1962), PhD, Sp: Algebraic Geometry; FASc, Professor (I), *School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; 102 Satyendra, TIFR Housing Colony, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 2278-3222 (O), 90-041-99416 (M); Email param@math.tifr.res.in]; **Medal:** INSA Young Scientist (1994); **SC: I.**

**2010: PARANJAPE, Kapil Hari** (b 1960), PhD, Sp: Geometry; Professor of Mathematics, *Indian Institute of Science Education and Research, Mohali, Sector 81, SAS Nagar, Manauli PO 140306, Punjab*; Tower J 503, Falcon View, Sector 66A, SAS Nagar, Punjab 140308 [Tel (0172) 2240-266 (O); Email kapil@iisermohali.ac.in]; **Council:** Mem 2019-21; **SC: I.**



**2023: PAREEK, Ashwani** (b 1969), PhD, Sp: Plant Molecular Biology, FNA, FNASc, FNAAS, Professor, *Stress Physiology and Molecular Biology Laboratory, Room No. 401, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067, India*; Executive Director, National Agri-Food Biotechnology Institute (NABI), DBT, GOI, Mohali Chief Executive Officer, Center of Innovative and Applied Bioprocessing (CIAB), DBT, GOI, Mohali [Tel (011) 26704504 (O); 98-184-87723 (M), Fax: 011 2674-2558; E-mail: ashwanipareek@gmail.com; ashwanip@mail.jnu.ac.in]; **SC: VII.**



**2022: PARIDA, Swarup Kumar** (b 1979), PhD, Sp: Genomics-Assisted Breeding for Crop Improvement, Molecular Genetics, Molecular Breeding, Agriculture Biotechnology; FNASc, FNAAS, Scientist IV, *National Institute of Plant Genome Research (NIPGR), (Lab No. 109), Aruna Asaf Ali Marg, P.O. Box No. 10531, New Delhi 110067*; National Institute of Plant Genome Research (NIPGR) (H-III/103), Aruna Asaf Ali Marg, P.O. Box No. 10531, New Delhi 110067 [Tel (011) 2673-5228 (O), 2673-5194 (R), 99-682-07166 (M); Fax 2674-1658; Email swarup@nipgr.ac.in, swarupdbt@gmail.com]; **Medal:** INSA Young Scientist (2010); **SC: X.**



**1990: PARIMALA, Raman** (b 1948), PhD, Sp: Algebra; FASc, Professor, *Department of Mathematics and Computer Science, Emory University, 400 Dowman Drive W 401, Atlanta, GA 30322, USA*; 848, Artwood Road, GA 30307, USA [Tel (001-404) 727-7577 (O), 444-8870 (R); Fax 727-5611; Email parimala@mathcs.emory.edu]; **Medal:** Srinivasa Ramanujan (2006); **Lecture:** JL Nehru Birth Centenary (2004); **Council:** Mem 2000-02; **SC: I.**



**2004: PARNAIK, Veena K** (b 1953), PhD, Sp: Cell and Molecular Biology, FASc, *CSIR-Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad 500007*; 103, Vinay Vihar, Str No 11, Tarnaka, Hyderabad 500017 [Tel 98-850-86220 (M); Email veenap@csircmb.org, veenaparnaik@gmail.com]; INSA Senior Scientist (2016-18); **SC: VII.**



**1986: PARODA, Rajendra Singh** (b 1942), PhD, DSc (hc), Sp: Plant Breeding & Genetics; FNAS, FNAAS, FTWAS, Chairman, *Trust for Advancement of Agricultural Sciences (TAAS), Avenue II, IARI, Pusa Campus, New Delhi 110 012*; formerly Secretary, DARE & DG, ICAR, Executive Secretary, Asia-Pacific Association of Agricultural Research Institutions (APAARI) (1992-2014), Chairman, Haryana Farmers' Commission (2010-2014); President, Indian Science Congress (2000-2001); President, NAAS (1997-2000); Founder Chairman, GFAR (1997-2002), [Tel (011) 2584-3243 (O), (0124) 408-9343 (R), 98-101-91486 (M); Email raj.paroda@gmail.com, taasiari@gmail.com]; **Medal:** Silver Jubilee Commemoration (2000); **Council:** Ad Mem 1999; **SC: X.**

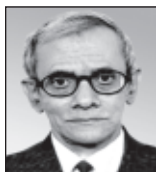




**2013: PARTHASARATHY, Gopalakrishnarao** (*b* 1958), PhD, Sp: Earth and Planetary Science, High-Pressure Mineral Physics, Nanogeoscience, Condensed Matter Physics, Materials Science, Mineralogy and Environmental Science; FRSC, INSA Senior Scientist, Adjunct Professor, School of Natural and Engineering Sciences, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru 560012; Adjunct Professor, Marine Geology, Mangalore University, Mangalagangothri, Karnataka 574199; Distinguished Honorary Professor, School of Earth & Atmospheric Sciences, Madurai Kamaraj University, Madurai. Tamil Nadu- 625021, Residence: "Anannya", T-9 (old 121), 35th Cross, 14th Main, 4th T Block, Jayanagar, Bengaluru 560041 [Tel (080) 2218-5112 (O) 96-061-21365, 78-936-15248 (M); Email partha.nias@gmail.com, partha@nias.res.in]; **SC: IV.**



**1985: PARTHASARATHY, Rajagopalan** (*b* 1945), PhD, DSc (*hc*), Sp: Representations of Lie Groups; FASc, FNASc, former Senior Professor, School of Mathematics, TIFR, Mumbai; *Villa B-75, Nananani Homes Phase 3, Kulathupalayam Dhaliyur Road, Coimbatore 641109* [Tel 95-002-33213 (M); Email sarathy.math.tifr@gmail.com]; INSA Senior Scientist (2016-18); **SC: I.**



**1995: PARTHASARATHY, Thiruvengkatachari** (*b* 1941), PhD, Sp: Game Theory & Mathematical Programming; FASc, INSA Senior Scientist, Indian Statistical Institute, 37/110, Nelson Manikham Road, Chennai 600029; *No 1, 43rd Street, Nanganallur, Chennai 600061* [Tel (044) 2224-3130 (R), 98-408-56926 (M); Email pacha14@yahoo.com]; **SC: I.**



**2015: PATHAK, Himanshu** (*b* 1965), PhD, Sp: Agricultural Sciences; FNASc, FNAAS, Secretary, *Department of Agricultural Research and Education, Govt. of India; and Director General, Indian Council of Agricultural Research, New Delhi 110001*; Director General's Residence, NASC Complex, Pusa Institute, New Delhi 110012 [Tel (011) 23384773 (O), 98-992-47590 (M); Email hpathak.iari@gmail.com]; **Medal:** Silver Jubilee Commemoration (2016); **SC: X.**



**2009: PATHAK, Kare Narain** (*b* 1941), PhD, Sp: Condensed Matter Physics, Solid State Physics; FASc, FNASc, formerly VC & Professor Emeritus, NASI Honorary Scientist, *Department of Physics, Panjab University, Chandigarh 160014* [Tel (0172) 253-4467 (O), 269-9944 (R); Fax 278-3336; Email knpathak26@gmail.com, pathak@pu.ac.in]; INSA Senior Scientist (2011-15); **Council:** Mem 2014-16; **SC: II.**



**2019: PATI, Swapan Kumar** (*b* 1968), PhD, Sp: Solid State Sciences; FASc, FNASc, FTWAS, Professor, *Theoretical Sciences Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur Campus, Jakkur, Bengaluru 560064; #47, IIIrd Phase, Royal Enclave, Srirampura, Jakkur, Bengaluru 560064* [Tel (080) 2208-2839 (O), 94-485-60474 (M); Fax 2208-2767; Email pati@jncasr.ac.in; Web www.jncasr.ac.in/pati/]; **SC: III.**

**2022: PATIL, Nitin Tukaram** (b 1975), PhD, Sp: Synthetic Organic Chemistry; Associate Professor, *Department of Chemistry, Indian Institute of Science Education and Research (IISER) Bhopal, Bhopal 462066*; Flat-203, Tower B, Indian Institute of Science Education and Research (IISER) Bhopal, Bhopal Bypass Road, Bhauri, Bhopal 462066 [Tel (755) 269-1351 (O) 85-549-51605 (M); Fax 269-2392; Email npatil@iiserb.ac.in]; **Medal:** INSA Young Scientist (2010); **SC: III.**



**1992: PATNAIK, Lalit Mohan** (b 1946), PhD, DSc, Sp: Computer Science and Engineering, Electronics & Information Technology; FASc, FNASc, FNAE, FTWAS, Adjunct Professor, *National Institute of Advanced Studies, Bengaluru 560012*; formerly VC, Defence Institute of Advanced Technology, Pune; Apartment No 313, Sriniket Apts, 19/8, First Cross, MS Ramaiah College Road, Mathikere, Bengaluru 560054 [Tel (080) 2293-2520, 2293-2246 (O), 2360-2635 (R); Email patnaiklm@yahoo.com, lalitblr@gmail.com; Web www.lmpatnaik.in]; INSA Senior Scientist (2015-19); **Council:** Mem 2004-06; **SC: V.**



**2016: PATRA, Amit Kumar** (b 1966), PhD, Sp: Atmospheric and Ionospheric Physics, Radar Probing Techniques; FASc, Director, *National Atmospheric Research Laboratory, PO Box 123, Tirupati 517502*; E1 NARL Quarters, Prakasam Nagar, SV University Campus Post, Tirupati 517502 [Tel (08585) 272-010 (O), (0877) 224-8099 (R), 99-596-71098 (M); Fax 272-018; Email akpatra@narl.gov.in]; **SC: IV.**



**2023: PAUL, Alope** (b 1973), PhD, Sp: Materials Engineering, FASc, Professor, *Department of Materials Engineering, Indian Institute of Science, Bangalore 560012, Karnataka, India*; HE 352, Faculty House Road, Indian Institute of Science, Bangalore, Karnataka, India 560012 [Tel (080) 22933242 (O); 94-807-98448 (M); Email aloke@iisc.ac.in]; **SC: V**



**1993: PAUL, Dalim Kumar** (b 1939), PhD (Leeds), DSc (Cal), Sp: Geochemistry, Isotope Geology and Petrology; FTWAS, INSA Honorary Scientist, *Department of Geology, Presidency College, Kolkata 700073*; formerly Director, ISM, Dhanbad; DDG, Geological Survey of India; BF 217, Salt Lake, Kolkata 700064 [Tel (033) 2219-2636 (O), 2337-4673 (R), 90-073-89217 (M); Email dalimpaul@yahoo.co.in]; **SC: IV.**



**2018: PAUL, Vinod Kumar** (b 1955), MBBS, MD, PhD, Sp: Pediatrics, Health Sciences, Basic and Clinical Sciences / Public Health; FAMS, FNASc, FASc, Member, *National Institution for Transforming India, NITI Aayog, Government of India, New Delhi 110001* [Tel (011) 2309-6809 (O), 2658-9702 (R), 98-110-42437 (M); Fax 2309-6810; Email vinodk.paul@gov.in, vinodkpaul@gmail.com]; **SC: IX.**



**2004: PENTAL, Deepak** (b 1951), PhD, DSc (bc) Sp: Breeding of Mustard, Transgenic Crops; FASc, FNASc, FNAAS, CSIR-Distinguished Scientist, *Centre for Genetic Manipulation of Crop Plants, University of Delhi, South Campus, New Delhi 110021*; 4215, Pocket B 5/6, Vasant Kunj, New Delhi 110070 [Tel (011) 2411-2609, 2411-5203 (O), 98-108-43421 (M); Email dpental@gmail.com]; **Visiting Fellowship:** JL Nehru Birth Centenary (2008); INSA Senior Scientist (2016-17); **Council:** Mem 2006-08; **SC: X.**





**2005: PERIASAMY, Mariappan** (b 1952), PhD, Sp: Organic Chemistry, Organometallics and Chiral Reagents Chemistry; FASc, Professor, *School of Chemistry, University of Hyderabad, Central University PO, Hyderabad 500046*; 158, Doyens Township, Serilingampally, RR District, Hyderabad 500019 [Tel (040) 2313-4814 (O), 2301-0904 (R), Fax 2301-2460; Email [mpsc@uohyd.ernet.in](mailto:mpsc@uohyd.ernet.in), [mariappan.periasamy@gmail.com](mailto:mariappan.periasamy@gmail.com)]; **Lecture:** Professor S Swaminathan 60th Birthday Commemoration (2010); **SC: III.**



**2004: PERIASAMY, Nallagounder** (b 1946), PhD, Sp: Physical Chemistry; FASc, FNASc, *Flat No 303 Golf Manor Apartments, 126 NAL Wind Tunnel Road, Murugespalaya, Bengaluru 560017* [Tel 97-419-12592 (M); Email [peri46@gmail.com](mailto:peri46@gmail.com)]; **Lecture:** Professor RK Asundi Memorial (2009); **SC: III.**



**2018: PILLAI, Madhavan Radhakrishna** (b 1960), PhD, MRCPATH, FRCPath, Sp: Disease Biology; FASc, FNASc, FAMS, Former Director, *Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram 695014*; Sarada Bhavanam, KP 8/110, House No. 111, Darsan Nagar, Thiruvananthapuram 695005 [Tel 99-951-99993 (M); 92-077-50099, Email [mrpillai@gmail.com](mailto:mrpillai@gmail.com)]; **SC: IX.**



**2018: PILLAI, Vijayamohan Kunjkrishna** (b 1960), PhD, Sp: Electrochemistry, Materials Chemistry; FASc, Professor, *Indian Institute of Science Education and Research Tirupati, C/o Sree Rama Engineering College (Transit Campus), Rami Reddy Nagar, Karakambadi Road, Mangalam P.O. Tirupati 517507*; BRERA-48, Sowbhagya Lane, Burmah Road, Kumarapuram, Thiruvananthapuram 695011 [Tel 94-422-26929 (M); Email [vijay@iisertirupati.ac.in](mailto:vijay@iisertirupati.ac.in), [k.vijayamohan@gmail.com](mailto:k.vijayamohan@gmail.com)]; **SC: III.**



**2018: PODILE, Appa Rao** (b 1960), PhD, Sp: Plant-Microbe Interactions; FNASc, FNAAS, FASc, JC Bose Fellow, Senior Professor, *Department of Plant Sciences, University of Hyderabad, Prof. C.R. Rao Road, Central University P.O., Gachibowli, Hyderabad 500046, Telangana*; A 56, Bella Vista, Nallagandla, Serilingampally, Hyderabad 500046, Telangana [Tel (040) 2313-4503 (O), 94-907-49922, 91-006-55777 (M); Email: [podilerao@uohyd.ac.in](mailto:podilerao@uohyd.ac.in); [podilerao@gmail.com](mailto:podilerao@gmail.com)]; INSA Distinguished Lecture Fellow (2023); **SC: X.**



**2022: PRABHAKARAN, Dorairaj** (b 1961), MD, DM, Sp: Cardiology, Epidemiology and Public Health; FNASc, Vice President (Research and Policy) and Director, *Centre for Control of Chronic Conditions, Public Health Foundation of India, Plot No. 47, Sector 44, Near Huda City Metro Station, Gurgaon, Haryana 122002*; 4621, Dahlia Lane, Near Galleria Market, DLF Phase 4, Gurgaon, Haryana 122002 [Tel (0124) 478-1400 (O), 98-101-18696 (M); Email: [dprabhakaran@phfi.org](mailto:dprabhakaran@phfi.org), [dprabhakaran@cccdindia.org](mailto:dprabhakaran@cccdindia.org)]; **SC: IX.**



**2016: PRADEEP, Thalappil** (b 1963), PhD, Sp: Molecular and Nanoscale Materials, Nanoscience and Nanotechnology, Molecular Surfaces, Low Energy Ion Scattering, Instrumentation, Water Purification; FASc, FNAE, FNASc, FRSC, FTWAS, FAAAAS, Institute Professor and Deepak Parekh Institute Chair Professor, *Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036*; Flat No. 7D, ASV Jayantika, #164, Velachery Main Road, Chennai 600042 [Tel (044) 2257-4208 (O), 4201-4246 (R), 94-455-60767 (M); Fax 2257-0545/0509; Email [pradeep@iitm.ac.in](mailto:pradeep@iitm.ac.in); Web <https://pradeepresearch.org>]; **Medal:** Vishwakarma (2021); **SC: III.**



**2012: PRADHAN, Akshay Kumar** (b 1956), PhD, Sp: Plant Genetics and Molecular Plant Breeding; FNASc, FNAAS, INSA Senior Scientist, Centre for Genetic Manipulation of Crop Plants (CGMCP), 1<sup>st</sup> Floor, Biotech Centre, *University of Delhi, South Campus, Benito Juarez Road, New Delhi 110021*; 1052, Joy Apartment, Plot No 2, Sector 2, Dwarka Phase 1, New Delhi 110075 [Tel (011) 2411-2322 (O), 98-717-48739 (M); Fax 2411-6392; Email pradhancgmcp@gmail.com]; **SC: X.**



**2023: PRADHAN, Narayan** (b 1972), PhD, Sp: Chemistry, FASc, Professor, *Indian Association for the Cultivation of Science, Kolkata 700032*; 399 Kalikapur Road, Kolkata 700099 [Tel 94-338-52806 (M); Email camnp@iacs.res.in]; **SC: III.**



**2015: PRADIP** (b 1956), PhD, Sp: Materials Science and Mineral Engineering, Particle Science and Technology; FNAE, Foreign Fellow, NAE (USA), formerly Vice-President, Tata Consultancy Services (TCS), Chief Scientist and Head, Process Engineering Innovation Lab, Tata Research Development & Design Centre (a division of TCS); formerly Vice President, Indian National Academy of Engineering, *A3/504, Oxford Village Classic, Wanowrie, Pune 411040* [Tel: 92-255-18568 (M); Email pradip18568@gmail.com]; **SC: V.**



**1984: PRAKASA RAO, Bhagavatula Lakshmi Surya** (b 1942), PhD, Sp: Mathematical Statistics; FASc, FNASc, FAPAS, Professor Emeritus, Indian Statistical Institute and INSA Honorary Scientist, CR Rao Advanced Institute of Mathematics, Statistics & Computer Science, University of Hyderabad Campus, Prof. C. R. Rao Road, Gachibowli, Hyderabad 500046; formerly Distinguished Scientist and Director, Indian Statistical Institute, Kolkata; *Apt 510, House No 1-1-770/A, Vishnu Residency, C Block, Gandhi Nagar, Hyderabad 500080* [Tel 99-491-85041 (M); Email blsprao@gmail.com]; **Council: Ed Pub 1991-93; SC: I.**



**1983: PRAKASH, Satya** (b 1929), PhD, Sp: Plasma Physics, Upper Atmospheric Physics and Space Borne Payloads; FASc, FNASc, formerly Senior Professor, Upper Atmosphere and Space Physics, PRL, Navrangpura, Ahmedabad; *Satya Prakash Care of Pankaj Prakash, 28, Pannalal Road, Prayagraj, Allahabad 211002* [Tel (+1) 898-059-9794; Email sprakash\_prl@yahoo.com]; **SC: II.**



**2003: PRASAD, Dipendra** (b 1960), PhD (Harvard), Sp: Automorphic Form, Number Theory; FASc, FNASc; Professor, *Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai, 400076*; 220 Aravalli, Indian Institute of Technology Bombay, Mumbai 400076 [Tel (022) 2576-7477 (O), 2576-8477 (R), 99-309-88824 (M); Email prasad.dipendra@gmail.com]; **SC: I.**



**1982: PRASAD, Gopal** (b 1945), PhD, PhD, Sp: Lie & Algebraic Groups; FASc, Raoul Bott Professor Emeritus, *Department of Mathematics, University of Michigan, Ann Arbor, MI 48109, USA*; formerly Professor, School of Mathematics, TIFR, Mumbai; 2863 Leslie Park Cir., Ann Arbor, MI 48105, USA [Tel (734) 647-4471 (O), (917) 624-1207 (R); Fax 763-0937; Email gprasad@umich.edu]; **SC: I.**





**2006: PRASAD, Guntupalli Veera Raghavendra** (b 1958), PhD, Sp: Vertebrate Palaeontology, Biostratigraphy, Palaeobiogeography, Evolution of Mesozoic Mammals; Professor, *Department of Geology, Centre for Advanced Studies, University of Delhi, Delhi 110007*; A-I/8, Type V Quarters, University of Delhi, Maurice Nagar, Delhi 110007 [Tel (011) 2766-7073 (O), 2766-2568 (R), 98-682-07140 (M); Email guntupalli.vrprasad@gmail.com, pguntupalli@rediffmail.com]; **Council:** Mem 2018-20; **SC: IV.**



**2017: PRASAD, Manoj** (b 1970), PhD, Sp: Plant Genetics & Genomics, Stress Biology; FNAAS, FNASc, Professor & JC Bose National Fellow, Department of Genetics, *University of Delhi (South Campus), Benito Juarez Marg, South Moti Bagh, New Delhi 110021*; Staff Scientist VII (on lien), National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, JNU Campus, New Delhi 110067; Adjunct Professor, Department of Plant Sciences, University of Hyderabad, Hyderabad, Telangana 500046; House No. H-VB-D1-003, NIPGR, Aruna Asaf Ali Marg, JNU Campus, New Delhi 110067 [Tel (011) 2673-5160 (O), 2673-5147 (R), 88-001-84445, 98-683-16379 (M); Fax 2674-1658; Email manoj\_prasad@nipgr.ac.in, prasadmanoj1970@gmail.com; Web [http://nipgr.ac.in/research/dr\\_mprasad.php](http://nipgr.ac.in/research/dr_mprasad.php)]; **Medal:** Silver Jubilee Commemoration (2022); **SC: X.**



**2019: PRASAD, Nagaraj Guru** (b 1974), PhD, Sp: Evolutionary Genetics; **Professor**, *Indian Institute of Science Education and Research Mohali, Sector 81, SAS Nagar, PO Manauli, Punjab 140306*; H. No. 104, MJ Block, Indian Institute of Science Education and Research Mohali, Sector 81, SAS Nagar, PO Manauli, Punjab 140306 [Tel (0172) 224-0266 (O), 98-724-36249 (M); Fax 224-0124; Email prasad@iisermohali.ac.in, ngprasa@gmail.com]; **SC: VI.**



**1987: PRASAD, Phoolan** (b 1944), PhD, Sp: Theory of Wave Propagation, Partial Differential Equations & Fluid Dynamics; FASc, FNASc, formerly Honorary Professor & DAE Raja Ramanna Fellow, Professor in Super-Time Scale, Chairman and MSIL Chair Professor, *Department of Mathematics, Indian Institute of Science, Bengaluru 560012*; 927-28, 7th Cross, HMT Layout, Mathikere PO, Bengaluru 560054 [Tel (080) 2293-2711 (O), 2337-1039 (R), 94-484-61299 (M); Fax 2360-0146; Email prasadp@alumni.iisc.ac.in, phoolan.prasad@gmail.com]; **SC: I.**



**1990: PRASAD, Rajendra** (b 1936), PhD (Mississippi State), Sp: Agronomy, Soil Fertility & Fertilizers, Cropping Systems; FNASc, FNAAS, formerly ICAR National Professor, Division of Agronomy, IARI, New Delhi; *6695 Meghan Rose Way, East Amherst, NY 14051, USA* [Tel (+1) 716-868-1540 (R); Email rajuma36@gmail.com]; INSA Honorary Scientist (2007-15); **SC: X.**



**2002: PRASAD, Rajendra** (b 1947), PhD, Sp: Lipidomics, Clinical Drug Resistance, Molecular Mycology; FASc, FNASc, Dean, *Faculty of Science, Engineering and Technology, Director, Amity Institute of Integrative Sciences and Health & Amity Institute of Biotechnology, Amity University Haryana, Amity Education Valley, Gurugram 122413*; D2-002, The Legend, Sector 57, Sushant Lok, Phase-III, Gurugram 122001 [Tel (0124) 233-7015 Ext 1111 (O), 98-109-74443 (M); Email rprasad@ggn.amity.edu, rp47jnu@gmail.com; Web <http://www.jnu.ac.in/FacultyStaff/ShowProfile.asp?SendUserName=rpj>]; **Council:** VP 2014-16; **SC: VIII.**

**1994: PRASAD, Surendra** (b 1948), PhD, Sp: Signal Processing & Communications; FASc, FNAE, Professor, *Department of Electrical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi 110016* [Tel (011) 2659-6201 (O), 2658-2022, 2659-1801 (R); 98-103-50517 (M); Fax 2658-2659; Email sprasad@ee.iitd.ernet.in]; **Lecture:** KS Krishnan Memorial (2010); **Council:** VP 2002-04; **SC: V.**



**1990: PRASAD, Yellapregada VRK** (b 1944), PhD, Sp: Metallurgical Engineering-Mechanical Metallurgy & Processing; formerly Professor, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012*; B/2, Hospital Ext, Vinayakanagar Layout, Hebbal, Bengaluru 560024 [Tel (080) 2333-0673, Email prasad\_yvrk@hotmail.com]; **SC: V.**



**1994: PRASADA RAO, Palle Deva** (b 1941), PhD, Sp: Neuro-endocrinology, Neurobiology & Fisheries; FNASc, formerly Professor & Head, Department of Zoology, Nagpur University, Nagpur; INSA Senior Scientist, National Environmental Engineering Research Institute, Nagpur; *C-4 Olive Apartments, 6/13 Brodipet, Guntur, Andhra Pradesh 522002*, [94-236-32159 (M); Email prasadraopd99@gmail.com]; **Lecture:** Professor Har Swarup Memorial (2014); INSA Honorary Scientist (2012-15); **SC: VI.**



**1999: PRATHAP, Gangan** (b 1951), PhD, Sp: Computational Mechanics, Computational Social Science; FASc, Honorary Professor, APJ Abdul Kalam Technological University, Thiruvananthapuram 695016; formerly Director, National Institute of Science Communication and Information Resources, New Delhi; *56, Pebble Gardens, Njandoorkonam, Thiruvananthapuram 695587* [Tel (+91) 99-689-67166 (R); Email gangan\_prathap@hotmail.com]; **SC: V.**



**2021: PUCADYIL, Thomas** (b 1976), PhD, Sp: Biochemistry/Cell Biology; *Indian Institute of Science Education and Research (IISER), Dr. Homi Bhabha Road, Pashan, Pune 411008, Maharashtra*; A603, IISER Pune Housing Block, Dr. Homi Bhabha Road, Pashan, Pune 411008, Maharashtra [Tel (020) 25908204 (O), 78-756-24566 (M); Email pucadyil@iiserpune.ac.in]; **SC: VII.**



**2012: PURI, Sanjay** (b 1961), PhD, Sp: Physical Sciences; FASc, Professor, *School of Physical Sciences, Jawaharlal Nehru University, New Delhi 110067*; 66, Dakshinapuram, JNU, New Delhi 110067 [Tel (011) 2670-4634 (O), 98-185-52477 (M); Fax 2671-7537; Email puri@mail.jnu.ac.in, purijnu@gmail.com]; **Medal:** INSA Young Scientist (1993); Editor-in-Chief, *Proceedings of the Indian National Science Academy* (January 2019-January 2023), **Council:** VP 2023-; **SC: II.**





**1995: PUROHIT, Aditya Narain** (b 1940), PhD, Sp: Environmental Plant Physiology, Physiology and Biochemistry of Medicinal Plants; FNASc, FNAAS, formerly Director and VC, HAPPRC, HNB Garhwal University, Srinagar Garhwal 246174, Uttaranchal; "Almi Anchal", 181/1, Dobbahwala, Dehradun 248001 [Tel 94-120-58572 (M); Email adityapurohit19@gmail.com]; **Council:** Mem 2000-02; **SC: VII.**



**2014: QADRI, Ayub** (b 1960), PhD, Sp: Immunology; Abdul Kalam Chair Professor for Translational Research, *School of Health Sciences, Islamic University of Science and Technology, Avantipora, Pulwama, Kashmir 192122, Jammu & Kashmir*; L-4, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2670-3733 (O), 99-101-72191 (M); Fax 2674-2125; Email qadriayub@gmail.com]; ; **SC: IX.**



**2014: RADHAKRISHNAN, Jaikumar** (b 1964), PhD, Sp: Theoretical Computer Science, Complexity Theory, Discrete Mathematics; FASc, Senior Professor (I), *School of Technology and Computer Science, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400005*; 201 Meghnad, TIFR, Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2311 (O), 2280-4647, 2278-3311 (R), 90-046-80293 (M); Fax 2280-4555; Email jaikumar.radhakrishnan@icts.res.in; Web <https://www.icts.res.in/people/jaikumar-radhakrishnan1>]; **SC: I.**



**2010: RADHAKRISHNAN, Thavarool Puthiyedath** (b 1960), PhD, Sp: Materials Chemistry; FASc, FNASc, Professor, *School of Chemistry, University of Hyderabad, Hyderabad 500046*; A-308, Aparna Cyber Commune, Nallagandla, Hyderabad 500019 [Tel (040) 2313-4827 (O); Email tpr@uohyd.ac.in]; Medal: INSA Young Scientist (1992); **SC: III.**



**2021: RAGHAVA, Gajendra Pal Singh** (b 1963), PhD, Sp: Bioinformatics; Professor, *Department of Computational Biology, Indraprastha Institute of Information Technology (IIIT), Okhla Phase III, New Delhi 110020*; B604 Faculty Residence, Indraprastha Institute of Information Technology (IIIT), Okhla Phase III, New Delhi 110020 [Tel (011) 26907444, 99-156-56900 (M); Fax 26907410; Email raghava@iiitd.ac.in]; **SC: VIII.**



**2024: RAGHAVAN, Sathees Chukkurumbal** (b 1970), PhD, Sp: DNA Repair, Genomic Instability, Professor, *Deptt., of Biochemistry, Indian Institute of Science, Bangalore 560012*, E-25, New Housing Colony, IISc, Bangalore 560 012; [Tel (080) 2229-32674 (O), 97-310-17736 (M), Email sathees@iisc.ac.in]; **SC-VII.**

**2002: RAGHAVENDRA, Agepati Srinivasa** (b 1950), PhD, Sp: Botany, Plant Biochemistry, and Molecular Plant Physiology; FASc, FNASc, FNAAS, FTWAS, Professor, *School of Life Sciences, Department of Plant Sciences, University of Hyderabad, Hyderabad 500046*; Flat M-1701, Aparna Sarovar, Nallagandla, Gachibowli, Hyderabad 500046 [Tel (040) 2313-1003, 6679-4555 (O), 4851-4460 (R), 98-491-07190 (M); Fax 2301-0145; Email asrsl@uohyd.ernet.in, as\_raghavendra@yahoo.com]; **Medal:** INSA Young Scientist (1977); **Lecture:** Professor TS Sadasivan (2006); **Council:** Mem 2010-12; **SC: VII.**



**1975: RAGHUNATHAN, Madabusi Santanam** (b 1941), PhD, Sp: Lie Groups, Algebraic Groups, Discontinuous Groups; FASc, FNASc, FTWAS, FRS, Distinguished Professor, *Centre of Excellence in Basic Sciences, University of Mumbai, Vidyanagari Campus, Kalina, Santacruz East, Mumbai 400098*; 503, Atlantis, Raheja Acropolis-1, Deonar Pada Road, Chembur, Mumbai 400088 [Tel (022) 2652-4983 (O), 2550-4766 (R); Fax 2652-4982; Email madabusisr@gmail.com]; **Professorship:** INSA-SN Bose Research Professor (1994-96); **Medal:** Srinivasa Ramanujan (1991); Aryabhata (2006); **Council:** Mem 1984-86; **SC: I.**



**2021: RAGHUNATHAN, Velayudhan Anandavally** (b 1960), PhD, Sp: Soft Condensed Matter Physics; FASc, INSA Senior Scientist, *Raman Research Institute, CV Raman Avenue, Sadashivanagar, Bengaluru 560080*; 42/2, 2nd Main Road, Jayanagar 8th Block, Bengaluru 560070 [Tel 94-808-36154 (O), 94-498-28940 (M); Fax (080) 2361-10492; Email varaghu@rri.res.in]; **SC: II.**



**2022: RAGHURAM, Anantharam** (b 1971), PhD, Sp: Number Theory, Representation Theory, Automorphic Forms, Special Values of L-functions, Cohomology of Arithmetic Groups; FASc, Professor, Fordham University, Lincoln Center, 113 W. 60<sup>th</sup> St., New York, NY 10023 USA; 22207 Osprey Way, Princeton Junction, NJ 08550, USA [Tel: +1 (212) 636-6333 (O), +1 (609) 937-3346 (R/M); Email raghuram@iiserpune.ac.in, raghuram.1@gmail.com; Web <https://sites.google.com/site/math4raghuram/>]; **SC: I.**

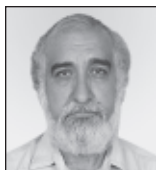


**2010: RAI, Lal Chand** (b 1950), PhD, Sp: Algology, Environmental & Agricultural Microbiology, Molecular Biology; FNASc, FNAAS, Distinguished Professor (Lifelong) & NASI Senior Scientist, formerly JC Bose National Fellow, DAE Raja Ramanna Fellow, formerly Head & Coordinator, *Centre of Advanced Study in Botany, Institute of Science, Banaras Hindu University, Varanasi 221005*; B 30/40, 27-28, Orthocity, Madhav Market, Lanka, Varanasi 221005 [Tel (0542) 236-7520 (R), 94-152-25821, 75-700-00360 (M); Fax 236-8174; Email lcrbhu15@gmail.com, lcrail@bhu.ac.in]; **Medal:** Professor SB Saksena Memorial (2011); **SC: VI.**



**2009: RAI, Shyam Sundar** (b 1954), PhD, Sp: Geophysical System Modelling, Seismology, Tectonophysics and Geophysical Exploration; FASc, FNASc, DAE-Raja Ramanna Fellow & Professor Emeritus, *Department of Earth and Climate Science, Indian Institute of Science Education & Research (IISER), Pune, Dr Homi Bhabha Road, Pune 411008*; Res: C-602, Park Grandeur, Balewadi High Street, Baner, Pune 411045 [Tel (020) 2590-8255 (O), 98-903-22705 (M); Fax 2590-8186, 2586-5086; Email shyamsrai@iiserpune.ac.in, shyamsrai@gmail.com]; **Medal:** Professor K Naha Memorial (2019); **SC: IV.**





**2018: RAINA, Dhruv** (*b* 1958), PhD, Sp: History and Philosophy of Science; Professor, *Zakir Husain Centre for Educational Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi 110067*; 529 B, Paschimabad, Jawaharlal Nehru University, New Delhi 110067 [Tel (011) 2670-4417/4416 (O), 2674-2825 (R), 99-105-62068 (M); Fax 2670-4192, 2671-7580; Email [d\\_raina@yahoo.com](mailto:d_raina@yahoo.com), [dhruv@mail.jnu.ac.in](mailto:dhruv@mail.jnu.ac.in)]; **NC**.



**2005: RAINA, Satish Kumar** (*b* 1947), PhD, Sp: Agricultural Biotechnology; Chief Advisor, *Nath Biogene (India) Ltd., Nath House, Nath Road, PB No 318, Aurangabad 431005* [Tel (0240) 237-6314-17 (EPBX), 237-6586 (O), 235-6907 (R), 93-262-08377 (M); Fax 237-6188]; **SC: X**.



**2023: RAJAGOPAL, Subramanyam** (*b* 1970), PhD, Sp: Plant Biochemistry, Chloroplast Bioenergetics, Professor, *Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Gachibowli, Hyderabad 500046*; Telangana; H.No. 2-133/24, Sree Homes, Near Mallanna Temple, Vattinagulapally, Hyderabad 500075, Telangana [Tel (040) 231-4572 (O), 98-660-46509 (M); Email [srgsl@uohyd.ac.in](mailto:srgsl@uohyd.ac.in), [rajagopal98@gmail.com](mailto:rajagopal98@gmail.com)]; **SC: VII**.



**2015: RAJAM, Manchikatla Venkat** (*b* 1955), PhD, Sp: Plant Biotechnology, Polyamine Physiology, RNA Interference, and Gene Editing; FNASc, FNAAS, Former Professor, Head and UGC BSR Faculty Fellow, Department of Genetics, University of Delhi, South Campus, Benito Juarez Marg, New Delhi 110021; *Flat No. B8, Ganesh Apartments, KLN Reddy Colony, Circuit House Road, Hanamkonda, Warangal 506001, Telangana* [Mobile, 98-181-08515 (M); Email [rajam.mv@gmail.com](mailto:rajam.mv@gmail.com)]; **SC: X**.



**1999: RAJAMANI, Vedharaman** (*b* 1944), PhD, Sp: Geochemistry; FASc, Emeritus Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110067; *H-430, Brigade Courtyard, HMT Factory Main Road, Jalaballi, Bengaluru 560013* [Tel 99-101-81299 (M); Email [rajav1946@gmail.com](mailto:rajav1946@gmail.com)]; **Council: Mem 2012-14; SC: IV**.



**2012: RAJAN, Balaji Sundar** (*b* 1958), PhD, Sp: Electrical Engineering (Communications); FNASc, FNAE, FIEEEE, JC Bose National Fellow, formerly INAE Chair Professor, *Department of Electrical Communication Engineering, Indian Institute of Science, Bengaluru 560012*; E-19, New Housing Colony, IISc Campus, Bengaluru 560012 [Tel (080) 2293-2254 (O), 2360-2085 (R), 98-459-88753 (M); Fax 2360-0563; Email [bsrajan@iisc.ac.in](mailto:bsrajan@iisc.ac.in), [bsrajanb@yahoo.com](mailto:bsrajanb@yahoo.com)]; **SC: V**.



**2015: RAJAN, Conjeeveram Srirangachari** (*b* 1961), PhD, Sp: Arithmetic Geometry, Automorphic forms, Representation theory; FASc, Professor, *Ashoka University, Sonapat 131027, Haryana*; [Tel 98-690-63353 (M); Fax 2280-4610; Email [cs.rajan@ashoka.edu.in](mailto:cs.rajan@ashoka.edu.in)]; **SC: I**.

**1985: RAJAPPA, Srinivasachari** (b 1934), PhD, Sp: Organic Chemistry; FASc, B-1, *Melody Apts, Plot No 12, ICS Colony, Pune 411007* [Tel (020) 2553-6395 (R); Email p\_rajappa@vsnl.com]; **SC: III.**



**1985: RAJARAMAN, Ramamurti** (b 1939), PhD, Sp: Theoretical Physics, Nuclear Policies; FASc, Emeritus Professor of Theoretical Physics, *School of Physical Sciences, Jawaharlal Nehru University, New Delhi 110067*; B-2395, Sector B, Pocket 2&3, Vasant Kunj, New Delhi 110070 [Tel (011) 2670-4785 (O), 2612-3485 (R), 98-181-60651 (M); Email doug0700@mail.jnu.ac.in, doug1968@hotmail.com]; **Medal:** SN Bose (1995); **Lecture:** Dr GP Chatterjee Memorial (1989); **Council:** Mem 2004-06, VP 2010-12; **SC: II.**



**1982: RAJARAMAN, Vaidyeswaran** (b 1933), PhD, DSc (hc), Sp: Computer Science; FASc, FNASc, FNAE, Professor (Retired), *Supercomputer Education and Research Centre, Indian Institute of Science, Bengaluru 560012*; 140, 6th Main, 6th Cross Road, JRD Tata Nagar, Near Kodigehalli, Bengaluru 560092 [Tel (080) 2360-0805, 2360-0811, 2293-2532 (O), (080) 2341-9672 (R); Fax 2360-0805; Email rajaram@iisc.ac.in]; **Medal:** SH Zaheer (1998); **Council:** Mem 1986-88; **SC: V.**



**2012: RAJASEKHARAN, Ram** (b 1960), PhD, Sp: Plant Lipid Metabolism; FASc, FNASc, FNAAS, Dean, School of Life Sciences, Central University of Tamil Nadu, Thiruvarur, Tamil Nadu 610005; #2/10 NMS Nagar, Chichiluppai (B.O.), Alathur Village, Oomachikulam, Madurai, Tamil Nadu 625014 [Tel 94-835-21260 (M); Email ram@cutn.ac.in]; **SC: VII.**



**2017: RAJEEVAN, Madhavan Nair** (b 1961), PhD, Sp: Atmospheric Science; FASc, FNASc, Former Secretary to the Government of India, *Ministry of Earth Sciences; formerly Director, Indian Institute of Tropical Meteorology, Pune*; MoES Distinguished Scientist, NCESS, Akkulam, Trivandrum 695011; [Tel (0471) 2511625 (O), 85-059-02700 (M); Email mn.rajeevan@nic.in, rajeevan61@yahoo.co.in, madhavanrajeevan@gmail.com]; **SC: IV.**



**1988: RAMA** (b 1929), PhD, Sp: Isotope Hydrology; FASc, FNAAS, formerly Professor, TIFR, Mumbai & Emeritus Scientist (CSIR), NGRI, Hyderabad; *Y-4, Sec 9, CBD, New Mumbai 400614* [Tel (022) 2757-0081 (R); Email rama139@yahoo.co.in]; **SC: IV.**



**1986: RAMA RAO, Alla Venkata** (b 1935), PhD (Tech), DSc, Sp: Organic Chemistry, Medicinal Chemistry, Drug Technology, Chiral Synthesis & Technology and Natural Products; FASc, FTWAS, Director, A V Rama Rao Research Foundation, Chairman & Managing Director, *Avra Synthesis Private Limited, Avra House, 7-102/54 Sai Enclave, Habsiguda, Hyderabad 500007*; formerly Director, IICT, Hyderabad [Tel 98-481-35163 (M), 2717-3360 (R); Email ramara0@avrasynthesis.com; avramara02022@yahoo.com; Web http://www.avramara0.com]; **Medal:** Vishwakarma (1991); **Council:** Mem 1995-97; **SC: III.**





**1989: RAMACHANDRAN, Balasubrahmanyam** (*b* 1932), PhD (USA), Sp: Analytical Probability Theory; formerly Professor, ISI, New Delhi; “Kaveri”, No. 29, Fourth Cross Street, RK Nagar, Chennai 600028 [Tel (044) 2461-8280 (R); Email brama1933@yahoo.com]; INSA Senior Scientist (1993-97); **SC: I.**



**2016: RAMADAS, Trivandrum Ramakrishnan** (*b* 1955), PhD, Sp: Algebraic and Differential Geometry, Mathematical Physics; FASc, Professor Emeritus, *Chennai Mathematical Institute, H1 SIPCOT IT Park, Siruseri, Kelambakkam 603103*; 17F Jasper, Olympia Opaline, Navalur 600130 [Tel (044) 6748-0941 (O), 87-545-76434 (M); Email ramadas@cmi.ac.in]; **Council: Mem 2021-23; SC: I.**



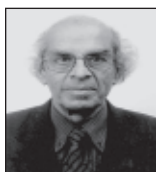
**1970: RAMAIAH, Nanduri Atchuta** (*b* 1923), PhD, Sp: Physical Chemistry & Sugar Chemistry; formerly Director, National Sugar Institute, Kanpur; *14 Ocean View Layout, Vishakhapatnam 530003* [Tel (0891) 561-225 (R)]; **SC: III.**



**2009: RAMAKRISHNA, Balakrishnan Siddartha** (*b* 1952), MD, DM (Gastro), PhD, Sp: Gastroenterology; FASc, FAMS, Senior Consultant and Director, *Institute of Gastroenterology, Hepatobiliary Science & Transplantation, SRM Institutes for Medical Science, 1 Jawaharlal Nehru Road, Vadapalani, Chennai 600026*; 202 Green Park, 32 Vaidyanatha Street, Nungambakkam, Chennai 600034 [Tel (044) 2362-6314 (O), 99-946-14890 (M); Email wurama@hotmail.com]; **SC: IX.**



**1992: RAMAKRISHNAN, Chandrasekharan** (*b* 1939), PhD, Sp: Molecular Biophysics; FASc, Professor (Retd), Molecular Biophysics Unit, IISc, Bengaluru 560012; *Kausthubam, 212, 7th Cross 6th Main, Tata Nagar, Bengaluru 560092* [Tel (080) 2293-3452 (O), 2351-7566 (R), 98-457-52493 (M); Email ramkisak@yahoo.co.in, ramkicyc@gmail.com]; **SC: VIII.**



**1980: RAMAKRISHNAN, Palayanoor Sivaswamy** (*b* 1936), PhD, Sp: Ecology & Sustainable Development; FASc, FNASc, FNAAS, FTWAS, INSA Honorary Scientist, *School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110067*; I-21, South City Phase I, Gurugram 122001 [Tel (011) 2670-4326 (O), (0124) 408-5970 (R), 99-585-14140 (M); Fax 2674-1262; Email psr@mail.jnu.ac.in, krishnanpoonam@gmail.com]; **Lecture: JL Nehru Birth Centenary (1994); Council: Mem 1992-93; SC: VI.**



**1984: RAMAKRISHNAN, Tiruppattur Venkatachalamurti** (*b* 1941), PhD (Columbia), Sp: Theoretical Condensed Matter Physics and Statistical Mechanics; FASc, FTWAS, FRS, DAE Homi Bhabha Chair, *Department of Physics, Banaras Hindu University, Varanasi 221005*; DG/G-3, BHU Campus, Varanasi 221005 [Tel (0542) 2367-005 (O), 2367-008 (R); Email tvrama@bhu.ac.in]; **Professorship: INSA-Srinivasa Ramanujan Research Professor (1997-2002); Lecture: KS Krishnan Memorial (1995); Visiting Fellowship: JL Nehru Birth Centenary (2006); Council: VP 2001-03; SC: II.**



**2020: RAMAKRISHNAN, Uma** (b 1972), PhD, Sp: Molecular Ecology, Population Genetics, Conservation Biology; Associate Professor, *Ecology and Evolution, National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bengaluru 560065*; 104 Mallige, National Centre for Biological Sciences, GKVK Campus, Bellary Road, Bengaluru 560065 [Tel (080) 2366-6030 (O), 98-454-36445 (M); Fax 2363-6662; Email uramakri@ncbs.res.in]; **SC: VI.**



**1988: RAMAMURTHI, Rallapalli** (b 1936), PhD, DSc, Sp: Animal Physiology, Biodiversity & Environmental Biology; FNASc, FNAAS, Department of Fishery Science and formerly VC, S.V. University, Tirupati; Chairman, Regional Centre of Expertise at Tirupati on Education for Sustainable Development, U.N. University, Tokyo; Distinguished Scientist, Academy of Gandhian Studies; *A-9 Vaikuntapuram, MR Palli, Tirupati 517502* [Tel (0877) 224-1907 (O), 98-494-88390 (M); Fax 224-2079; Email rrallapallius@yahoo.com, gauthama.rallapalli@gmail.com]; INSA Honorary Scientist (2012-15); **Council:** Ad Mem 2008, 2012, 2017, 2019-23; **SC: VI.**



**2013: RAMAMURTHY, Thandavarayan** (b 1953), PhD, Sp: Microbiology and Molecular Microbiology; FNASc, INSA Senior Scientist, *ICMR-National Institute of Cholera and Enteric Diseases, P-33, CIT Road, Scheme-XM, Beliaghata, Kolkata 700010*; A-13, Cluster IX, Purbhachal Housing Estate, Sector III, Salt Lake City, Kolkata 700097 [Tel 94-321-14945 (M); Email ramamurthy.t@icmr.gov.in, rama1murthy@yahoo.com]; **Medal:** SS Bhatnagar (2022); **SC: VI.**



**1987: RAMAMURTHY, Valangiman Subramanian** (b 1942), PhD (Bombay), Sp: Nuclear Physics, Ion Beam Applications, Science & Technology Policy; FASc, FNASc, FNAE, FTWAS, Hon. FIETE, Emeritus Professor and formerly Director, *National Institute of Advanced Studies, IISc Campus, Bengaluru 560012*; formerly Secretary, DST, New Delhi [Tel 99-000-02178 (M); Email vsramamurthy@nic.in, vsramamurthy@nias.res.in, vsramamurthy@gmail.com]; **Medal:** Meghnad Saha (2009); **Council:** Ad Mem 1996-2006; **SC: II.**



**2012: RAMAMURTY, Upadrasta** (b 1967), PhD, Sp: Mechanical Behavior of Materials, Advanced Materials and Manufacturing; FASc, FNAE, FTWAS, President's Chair Professor, *School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore 639798*; 100 Nanyang Meadows #09-02, Singapore 637819 [Tel (+65) 6790-4040 (O); Fax 6792-4062; Email satwiku@gmail.com]; **SC: V.**



**1998: RAMAN, Rajiva** (b 1948), PhD, Sp: Molecular Cytogenetics, Human Genetics; FASc, FNASc, Distinguished Professor, *Department of Zoology, Banaras Hindu University, Varanasi 221005*; 8, Mahamana Puri, PO BHU, Varanasi 221005 [Tel (0542) 257-0967 (R), 93-361-52694 (M); Email rajiva.raman@gmail.com, raman@bhu.ac.in]; **Medal:** SL Hora (2005); **Visiting Fellowship:** JL Nehru Birth Centenary (2016); **Council:** Mem 2007-09; **SC: IX.**





**1985: RAMANAMURTHY, Poolla Venkata** (*b* 1929), PhD, Sp: High Energy Astrophysics & Cosmic Rays; formerly Senior Professor, TIFR, Mumbai; *Flat 704, Vigyan, Plot 23, Sector 17, Vashi, Navi Mumbai 400703* [Tel (022) 2789-9065 (R); Email [pvrmurthy@yahoo.com](mailto:pvrmurthy@yahoo.com)]; **SC: II.**



**1977: RAMANAN, Sundararaman** (*b* 1937), PhD, Sp: Algebraic & Differential Geometry; FASc, FNA, Adjunct Professor, *Chennai Mathematical Institute*; formerly Distinguished Professor, TIFR, Mumbai [Tel (044) 2254-3376 (O), 2434-1169 (R), 94-445-49919 (M); Email [sramanan@cmi.ac.in](mailto:sramanan@cmi.ac.in)]; **Council: Mem 1993-95; SC: I.**



**2017: RAMARAJ, Ramasamy** (*b* 1956), PhD, DSc (Japan), DSc (Madurai), Sp: Inorganic and Physical Chemistry; FASc, FNASc, (Former Professor of Eminence & DAE Raja Ramanna Fellow, *School of Chemistry, Madurai Kamaraj University, Madurai 625021*); Correspondence: B4 Shanthi Sadhan, Melakkal Main Road, Kochadai, Madurai 625016 [Tel +91-89-039-71420 (M); Email [ramaraj.ram@gmail.com](mailto:ramaraj.ram@gmail.com), [ramarajr@yahoo.com](mailto:ramarajr@yahoo.com)]; **SC: III.**



**2005: RAMASAMI, Thirumalachari** (*b* 1948), PhD, Sp: Inorganic and Leather Chemistry; FASc, FNASc, FNAE, FTWAS, formerly Secretary, Department of Science and Technology, Government of India; Distinguished Professor of Eminence, *Room No 304, Technology Enabling Centre, Platinum Jubilee Building, A C Tech campus, Anna University, Guindy, Chennai, 600 025*; New No 21, Old No 38, Vth Cross Street, Rajalakshmi Nagar Extension, Velachery, Chennai 600042 [Tel 98-182-28329, 99-406-25329 (M); Email [samisrisailam@gmail.com](mailto:samisrisailam@gmail.com), [dstsec@yahoo.co.in](mailto:dstsec@yahoo.co.in)]; **Medal: Meghnad Saha (2012); Council: Ad Mem 2007-10; SC: III.**



**2005: RAMASESHA, Suryanarayana Sastry** (*b* 1950), PhD, Sp: Theoretical Chemistry; FASc, FTWAS, Emeritus Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; No. 151, 5th Cross Road, NGEF Layout, Sanjaynagar, Bengaluru 560094 [Tel (080) 2293-2925 (O), 98-452-12356 (M); Fax (080) 2360-1310; Email [ramasesh@iisc.ac.in](mailto:ramasesh@iisc.ac.in); Web <http://sscu.iisc.ac.in/faculty/prof-s-ramasesha/>]; **Medal: INSA Young Scientist (1978); INSA Senior Scientist (2017-21); INSA Honorary Scientist; SC: III.**



**2019: RAMASUBRAMANIAN, Krishnamurthi** (*b* 1969), PhD, Sp: Non-linear Dynamics and Chaos, INSA Honorary Scientist, Indian Astronomy and Mathematics, Advaita Vedanta; Institute Chair Professor, *Department of Humanities and Social Sciences, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; Staff Hostel Annex, 21, IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7368 (O), 2576-8368 (R); Email [ram@hss.iitb.ac.in](mailto:ram@hss.iitb.ac.in)]; **NC.**



**2008: RAMASWAMY, Ramakrishna** (*b* 1953), PhD, Sp: Nonlinear Science, Computational Biology and Bioinformatics; FASc, FTWAS, [Tel 78-930-93737 (M); Email [r.ramaswamy@gmail.com](mailto:r.ramaswamy@gmail.com); Web <http://ramramaswamy.org>]; **Medal: INSA Young Scientist (1985); Council: VP 2015, SC: III.**

**2004: RAMASWAMY, Sriram Rajagopal** (b 1957), PhD, Sp: Condensed Matter, Statistical and Biological Physics; FRS, FASc, FNASc, Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; [Tel (080) 2360-2698, 2293-3283 (O), 2308-9166 (R); Fax 2360-2602; Email [sriram@iisc.ac.in](mailto:sriram@iisc.ac.in); Web <http://www.physics.iisc.ac.in/~sriram/>]; **Lecture:** JL Nehru Birth Centenary (2020); **Council:** Mem 2023-**SC: II.**



**2010: RAMDORAI, Sujatha** (b 1962) PhD, Sp: Algebra, Geometry, Number Theory; FASc, FNASc, Professor, Mathematics Department, University of British Columbia, 1984, Mathematics Road, Vancouver, V6T1Z2; 550/12, *Dodsworth Enclave, Borewell Road, 5th Cross Whitefield, Bengaluru 560066* [Tel (080) 2845-0186 (R), 99-200-18274 (M); Email [sujatha@math.ubc.ca](mailto:sujatha@math.ubc.ca)]; **Medal:** INSA Young Scientist (1993); **SC: I.**



**2016: RANADE, Vivek Vinayak** (b 1963), PhD, Sp: Chemical Engineering, Multiphase Reactors, Process Intensification, CFD; FASc, FNAE, Bernal Professor of Process Engineering, *Bernal Institute, University of Limerick, Limerick, Ireland* and Professor Emeritus, *School of Chemistry and Chemical Engineering, Queen's University Belfast, Belfast BT9 5AG, Northern Ireland, UK*; 17 Wireless Colony, Aundh, Pune 411007 [Tel (+353) 6123-4778 (O); Email [Vivek.Ranade@ul.ie](mailto:Vivek.Ranade@ul.ie)]; **SC: V.**



**2023: RANGA, Udaykumar** (b 1959), PhD, Sp: HIV-AIDS (Immunology, Molecular Biology, Pathogenesis), Professor, *HIV-AIDS Laboratory, Molecular Biology and Genetics Unit, JNCASR, Jakkur (PO), Bangalore 560064, India*; Apt. B306, MV Royal Homes, Srirampura Village, Jakkur (PO), Bangalore 560064, India; [Tel (080) 2208-2830 (O); 94-800-69960 (M); Email [udaykumar@jncasr.ac.in](mailto:udaykumar@jncasr.ac.in)]; **SC: IX.**



**2006: RANGANATH, Hassan Annegowda** (b 1948), PhD, Sp: Zoology, Genetics and Evolution; FASc, FNASc, Visiting Professor, Centre for Human Genetics, Biotech Park, Electronic City Phase 1, Bengaluru 560100; Chairman, Board of Governors, IIT Kurnool; Distinguished Professor for Life, University of Mysore; formerly Director, National Assessment and Accreditation Council (NAAC); Vice Chancellor, Bangalore University; Residence: Site No. 33, Flat No. 101, Jayalakshmi Residency, 2nd Main, 2nd Cross, Income Tax Layout, Chandra Layout, Bangalore 560040 [Tel 99-023-00909 (M); Email [haranganath@gmail.com](mailto:haranganath@gmail.com)]; **Medal:** INSA Young Scientist (1978), Sunder Lal Hora (2020); **SC: VI.**



**1981: RANGANATHAN, Srinivasa** (b 1941), PhD (Cantab), Sp: Physical Metallurgy & Materials Science; FASc, FNASc, FNAE, FTWAS, RQ14 Distinguished Fellow, Honorary Professor, National Institute of Advanced Studies, Professor Emeritus, *Department of Materials Engineering, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2360-1198 (O), 2351-8521 (R); Fax 2360-1198; Email [rangu@iisc.ac.in](mailto:rangu@iisc.ac.in); Web <http://materials.iisc.ac.in/faculty/s-ranganathan/>]; **Lecture:** INSA Prize for Materials Science (1991); **SC: V.**





**2017: RANGARAJAN, Pundi Narasimhan** (b 1963), PhD, Sp: Eukaryotic Gene Expression & Infectious Diseases; FNASc, FASc, FAMS, Professor and J.C. Bose National Fellow, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; 1214-17/53, 4<sup>th</sup> Main, E Block, Rajajinagar 2nd Stage, Bengaluru 560010 [Tel (080) 2293-2540 (O), 98-863-03700 (M); Email pnr@iisc.ac.in]; **Medal:** INSA Young Scientist (1994); **SC: VII.**



**1989: RANGASWAMY, Nanjangud Sreekantaiah** (b 1932), PhD, Sp: Experimental Embryology & Tissue Culture; FASc, FNASc, formerly Professor, Department of Botany, University of Delhi; *Apt 241, Block B-2, Kendriya Vihar, New Airport Road, Yelahanka, Bengaluru 560064* [Tel (080) 2979-1511 (R); Email rlmc68@yahoo.co.in]; **SC: VI.**



**2008: RANU, Brindaban Chandra** (b 1949), PhD, Sp: Organic Synthesis, Green Chemistry; FASc, INSA Honorary Scientist, *School of Chemical Sciences, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700032*; 5/2E, Srijan Sonargaon, 321 Sonarpur Station Road, Kolkata 700103 [Tel (033) 2473-4971 Ext 1404 (O), 94-330-53856 (M); Fax 2473-2805; Email ocbr@iacs.res.in, bcranu@gmail.com]; INSA Senior Scientist (2017-19); **SC: III.**



**1999: RAO, Addicam Jagannadha** (b 1942), PhD, Sp: Reproductive Biology; FASc, FNASc, FAMS, INSA Honorary Scientist, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; 247, 1st Cross, 3rd Main, Hanumanthanagar, Bengaluru [Tel (080) 2293-2308 (O), 2650-7124 (R), 98-458-02391 (M); Email ajrao@biochem.iisc.ernet.in, ajrao\_2000@yahoo.com, ajrao2006@gmail.com]; **Lecture:** Professor MRN Prasad Memorial (2004); INSA Senior Scientist (2013-16, 2017-19), INSA Honorary Scientist (2016-17); **Council:** Mem 2015-17; **SC: VI.**



**2010: RAO, Basuthkar Jagadeeshwar** (b 1956), PhD, Sp: Molecular basis of Genome Dynamics Biophysics of Genome Repair Complexes; FASc, FNASc, JC Bose Fellow, Professor & Dean (Faculty), *Indian Institute of Science Education and Research (IISER) Tirupati, Transit Campus: Sree Rama Engineering College, Karkambadi Road, Mangalam, Tirupati 517507* [Tel (0877) 250-0401 (O), 90-045-88909 (M); Email bjrao@iisertirupati.ac.in, bjrao@tifr.res.in]; **SC: VIII.**



**2016: RAO, Chebrolu Pulla** (b 1954), PhD, Sp: Inorganic Chemistry; FNASc, FASc, JC Bose National Fellow, Senior Professor, *Department of Chemistry, SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur (dist) - 522 240, Andhra Pradesh*; formerly Institute Chair Professor, IIT Bombay followed by MHRD Professor, IIT Tirupati; 99-690-22554 (M); Fax 250-3004; Email cprao@iittp.ac.in, cp.rao@srmmap.edu.in, cpraoiitb@gmail.com]; **SC: III.**

**2023: RAO, Cherukumalli Srinivasa** (b 1965), PhD, Sp: Soil Carbon Sequestration, Climate Change, Natural Resource Management, FNASc, FNAAS, FISSS, Director, *ICAR-National Academy of Agricultural Research Management (NAARM)*, Rajendranagar, Hyderabad 500030; NAARM House, NAARM Campus, Rajendranagar, Hyderabad 500030 [Tel (040)-24015070 (O); 98-488-48453 (M); Email chsrao\_director@naarm.org.in; cherukumalli2011@gmail.com]; **SC: X.**



**1974: RAO, Chintamani Nagesa Ramachandra** (b 1934), PhD (Purdue), DSc (Mysore), DSc (*hc*), ScD (*hc*), LLD (*hc*), DLitt (*hc*), Dr. Engg. (*hc*), Sp: Solid State and Materials Chemistry; FRS, FRS(C), Foreign Assoc US NAS, Pontifical Acad Sci, French Academy, Japan, Spain, Polish, Brazil, Korean, Russian, Czechoslovakian, Bangladesh, Slovan & Serbian Academies, American Philosophical Soc, African Acad, Foreign Fellow of Academia Europea, Royal Soc of Canada, Chinese Academy of Sciences; Linus Pauling Research Professor and Honorary President, *Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)*, Jakkur, Bengaluru 560064; formerly Director, IISc, Bengaluru; JNC President's House, IISc Campus, Bengaluru 560012 [Tel (080) 2365-3075, 2208-2761 (O), 2360-1410 (R); Fax 2208-2760; Email cnrrao@jncasr.ac.in; Web <http://www.jncasr.ac.in/cnrrao>]; **Professorship:** INSA-Albert Einstein Research Professor (1995-99); **Medal:** SN Bose (1980), Meghnad Saha (1990), INSA Medal for Promotion & Service to Science (2006); **Lecture:** Blackett Memorial (1990), DS Kothari Memorial (2002); **Council:** Mem 1976-78, VP 1983-84, Pres 1985-86, Ad Mem 1987-88; **SC: III.**



**2007: RAO, Desirazu Narasimha** (b 1954), PhD, Sp: Protein-DNA Interactions; FASc, FNASc, Professor, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; Advisor, Challakere Campus, IISc, 35/2, Ist Floor, 4th Cross, RM V Extension, Bengaluru 560080 [Tel (080) 2293-2538 (O), 2361-1677 (R); Fax 2360-0683; Email dnrao@iisc.ac.in]; **Medal:** Professor GN Ramachandran 60th Birthday Commemoration (2018); **SC: VIII.**



**1986: RAO, Kalya Jagannatha** (b 1940), PhD, DSc, DSc (*hc* University Bordeaux), DLit (*hc*), Sp: Physical Chemistry; FASc, FNASc, Emeritus Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; 25, 'Srinidhi' NTI Layout, Nagasettiahalli, Bengaluru 560094 [Tel (080) 2293-2583, 2360-2897 (O), 2341-1129 (R), 98-801-55726 (M); Fax 2360-1310; Email kalyajrao@yahoo.co.in]; **Lecture:** INSA Prize for Materials Science (1999); **SC: III.**



**2000: RAO, Kanury Venkata Subba** (b 1958), PhD, Sp: Immunology; FASc, FNASc, Head, *Immunology Group, International Center for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067*; E-2226, Palam Vihar, Gurugram 122017 [Tel (011) 2617-6680 (O), (0124) 236-7332 (R); Fax 2671-5114; Email kanury@icgeb.res.in]; **Lecture:** JL Nehru Birth Centenary (2007); **SC: IX.**





**2016: RAO, Khareedu Venkateswara** (*b* 1958), PhD, Sp: Plant Molecular Biology; FNASc, NASI-Senior Scientist, *Centre for Plant Molecular Biology, Osmania University, Hyderabad 500007*; Villa No. 36, Aparna Elixir, Puppalguda, Khajaguda Hyderabad 500104 [Tel (040) 2709-8087 (O), 93-913-20822 (M); Fax 2709-6170; Email rao\_kv1@rediffmail.com]; **SC: VII.**



**2017: RAO, Madan** (*b* 1960), PhD, Sp: Statistical Physics, Nonequilibrium Statistical Physics, Soft Matter, Biological Physics, Cell and Tissue Biophysics; FASc, Professor, *National Centre for Biological Sciences, Tata Institute of Fundamental Research, GKVK Campus, Bellary Road, Bengaluru 560065*; 101 Dennison Appts., 12 Hall Road, Richards Town, Bengaluru 560005 [Tel (080) 2366-6271 (O), 2580-5419 (R), 98-865-38926 (M); Fax 2363-6662; Email madan@ncbs.res.in]; **SC: II.**



**1984: RAO, Naropantul Appaji** (*b* 1934), PhD, Sp: Enzyme Regulation and Kinetics & Human Genetics; FASc, Member, *Poland Acad of Arts & Sciences, Room 3, Panchavati, Unit 2, Senior Citizens Home, Prabhudalaya, 248 Nisarga Layout, Bannerghatta Road, Bangalore 560083, Karnataka* [Tel 96-118-35935 (M); Email bcnar@biochem.iisc.ernet.in, bcbcnar@gmail.com]; **Medal:** JC Bose (1989); **Lecture:** JL Nehru Birth Centenary (2001); **Council:** Sec 1996-98; **SC: VIII.**



**2019: RAO, Nittala Venkata Chalapathi** (*b* 1969), PhD, Sp: Mineralogy, Igneous Petrology, Geochemistry, Geodynamics and Mineral Resources; FASc, Professor, *Electron Probe Micro Analyzer (EPMA) & Scanning Electron Microscope (SEM) Laboratory, Centre of Advanced Study in Geology, Institute of Science, Banaras Hindu University, Varanasi 221005*; B-8, Heritage Housing Apartments, Ganga Pradushan Road, Bhagwanpur, Lanka, Varanasi 221005 [Tel 99-356-47365 (M); Email nvcr100@gmail.com, nvcrao@bhu.ac.in]; **SC: IV.**



**1980: RAO, Palle Rama** (*b* 1937), PhD, DSc (*hc*), Sp: Physical & Mechanical Metallurgy; FASc, FNASc, FNAE, FTWAS, Foreign Mem, Royal Acad Engg (UK), Ukranian Acad Sc & US National Acad Engg, Chairman, Governing Council, *International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Balapur PO, RR Dist., Hyderabad 500005*; formerly VC, University of Hyderabad; Chairman, Atomic Energy Regulatory Board, Mumbai; Distinguished Scientist, DRDO, New Delhi & Secretary, DST; “Naimisam”, Flat No. 301, Plot No.22, 8-3-1022, Srinagar Colony, Hyderabad 500073 [Tel (040) 2444-3167 (O), 6661-4475 (R); Fax 2444-3168; Email ramaraop37@gmail.com]; **Medal:** Meghnad Saha (2004); **Lecture:** INSA Prize for Materials Science (1989), SK Mitra Memorial (2001); **Council:** Mem 1985-87, Ad Mem 1989-95, 1997; **SC: V.**



**1983: RAO, Paranandi Venkata Suryanarayana** (*b* 1936), PhD, Sp: Computer Science, Artificial Intelligence, Speech & Script Recognition, Natural Language Processing; FASc, FNASc, FNAE, *601, Vigyan, Plot No. 23, Sector 17, Vasbi, Navi Mumbai 400703* [Tel (022) 355-63537 (R), 92-255-18888 (M); Email dr.pvsrao@gmail.com]; **SC: V.**

**2015: RAO, Ravi Achutha** (b 1954), PhD, Sp: Classical K-theory; formerly Professor (H), School of Mathematics, TIFR, Mumbai; A-8, Goodwill Assurance Building, Mammala Tank Road, Mahim, Mumbai 400016 [Tel (022) 2430-9827 (R), 98-333-63678 (M); Email ravi@math.tifr.res.in]; **SC: I.**



**2004: RAO, R Raghavendra** (b 1945), Sp: Plant Taxonomy, Biodiversity, Phytogeography, Conservation and Ethnobotany; FASc, FNASc, No. 328, B-4, Kendriya Vihar, Yelabanka, Bengaluru 560064 [Tel 91-132-15570, 94-488-52356 (M); Email raocimap@gmail.com]; INSA Honorary Scientist (2011-15); **SC: VI.**



**2022: RAO, Thota Narayana** (b 1969), PhD, Sp: Radar Meteorology; FASc, Scientist, Sci/Eng-SG & Head (CCSG) National Atmospheric Research Laboratory, Gadanki, Andhra Pradesh 517 112 [Tel (0877) 250-0560 (O), 94-413-44578 (M); Email tnrao@narl.gov.in; drtnrao2001@gmail.com]; **SC: IV.**



**2015: RAO, Valipe Ramgopal** (b 1965), Dr Ing, Sp: Nanoelectronics; FASc, FNASc, FNAE, FIEEE, FTWAS, Group Vice-Chancellor, Birla Institute of Technology & Science (BITS), Pilani, Vidya Vihar, Pilani 333031; [Tel (011) 2659-7367 (O), 2659-8601 (R); Email rrao@pilani.bits-pilani.ac.in, rrao@iitd.ac.in, rao.ramgopal@gmail.com; Web http://web.iitd.ac.in/~rrao/]; **Council:** Ad Mem 2019; **SC: V.**



**2007: RAO, Venigalla Purnachandra** (b 1955), PhD, Sp: Marine Geology, Sedimentology; FASc, INSA Senior Scientist, Department of Civil Engineering, Vignana's University, Vadlamudi, Guntur 522213, AP; formerly Chief Scientist, CSIR-NIO, Goa; Angalakuduru, Kopalle Donka Road, Tenali, Guntur, AP [Tel (0863) 234-4761 (O), 94-224-16008 (M); Email vprao55@gmail.com]; **SC: IV.**



**1987: RATNASAMY, Paul** (b 1942), PhD, Sp: Catalysis; FASc, FNASc, FTWAS, CSIR-National Chemical Laboratory, Pune 411008; Flat No.4, Lalit Apartment, Gulmohar Park, ITI Road Anudh, Pune 411007 [Tel (020) 2588-6122 (O), 2589-8058 (R), 73-500-05192 (M); Fax 2588-6122, 2589-3355; Email paulratnasamy@gmail.com; Web http://www.ncl-india.org]; **Professorship:** INSA-Srinivasa Ramanujan Research Professor (2004-09); **Medal:** Vishwakarma (1994); **SC: V.**



**2021: RAVIKANTH, Mangalampalli** (b 1966), PhD, Sp: Inorganic Chemistry; FASc, FNASc, Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Nilgiri Building (B-271), Indian Institute of Technology Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7176 (O), 2576-8176 (R), 98-190-84270 (M); Fax 578-3480; Email ravikanth@chem.iitb.ac.in]; **SC: III.**





**2008: RAVINDRA KUMAR, Gattamraju** (*b* 1961), PhD, Sp: Physics (Nonlinear optics, study of matter in intense laser fields); FASc, Senior Professor, *Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; 207, Bhaskara, TIFR Colony, Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2381 (O), 2280-4609, 2278-3381 (R); Email [grk@tifr.res.in](mailto:grk@tifr.res.in); Web <http://tifr.res.in/~uphill>]; **SC: II.**



**2019: RAVINDRAN, Vajravelu** (*b* 1965), PhD, Sp: High Energy Physics; FASc, Professor H, *The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600113*; A5, Swarnamukhi Apartment, III Main Road, Adyar, Gandhi Nagar, Chennai 600020 [Tel (044) 2254-3208 (O), 95-001-40279 (M); Fax 2254-1586; Email [ravindra@imsc.res.in](mailto:ravindra@imsc.res.in)]; **SC: II.**



**2005: RAVINDRANATH, Vijayalakshmi** (*b* 1953), PhD, Sp: Neuroscience; FASc, FNASc, FTWAS, FAMS, FAAAS, Founding Director, National Brain Research Centre, Manesar; Founding Director, *Centre for Brain Research, Indian Institute of Science, Bengaluru (retired) 560012*; 301, Vaishnavi Springs, 49/5, Ranga Rao Road, Shankarapuram, Bengaluru 560004 [Tel 90-088-85529 (M); Email [viji@iisc.ac.in](mailto:viji@iisc.ac.in), [viji.ravindranath@gmail.com](mailto:viji.ravindranath@gmail.com)]; **Medal:** Professor KP Bhargava Memorial (2000), SS Bhatnagar (2016); **Lecture:** JL Nehru Birth Centenary (2017); MGK Menon Memorial Award by NASI (2020) **Council:** Mem 2008-10; **SC: IX.**



**2014: RAY, Deb Shankar** (*b* 1954), PhD, Sp: Theoretical Chemistry; FASc, Senior Professor, *Department of Physical Chemistry, Indian Association for the Cultivation of Science, 2A & 2B, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; P47 MeghnadAbasan, Kolkata 700101 [Tel (033) 247-3542 (O), 2571-2906 (R), 97-481-68172 (M); Fax 2473-2805; Email [debshankar.iacs@gmail.com](mailto:debshankar.iacs@gmail.com), [pcdsr@iacs.res.in](mailto:pcdsr@iacs.res.in); Web <http://www.iacs.res.in/physchem/pcdsr/>]; **Medal:** INSA Young Scientist (1984); **SC: III.**



**2019: RAY, Krishanu** (*b* 1964), PhD, Sp: Molecular Cell Biology of Intra-Cellular Transport and spermatogenesis in *Drosophila*; Senior Professor, *Department of Biological Science, Tata Institute of Fundamental Research (TIFR), Homi Bhabha Road, Colaba, Mumbai 400005 (on lien)*; and Director, National Brain Research Centre, Manesar, Haryana 503 Crowne, Mapsko Royale Ville, Sector 82, Gurugram 122004, Haryana, [Tel (0124) 284-5206 (O), 98-691-29589 (M); Email [director@nbrc.ac.in](mailto:director@nbrc.ac.in), [krishanu@tifr.res.in](mailto:krishanu@tifr.res.in), [krishanu64@gmail.com](mailto:krishanu64@gmail.com)]; **SC: VII.**



**2002: RAYCHAUDHURI, Amitava** (*b* 1952), PhD, DSc (*hc*), Sp: Particle Physics including Astroparticle Physics; FASc, FNASc, INSA Senior Scientist, Professor Emeritus, formerly Sir Tarak Nath Palit Professor of Physics, *University of Calcutta, 92 Acharya Prafulla Chandra Road, Kolkata 700009*; formerly Director, Harish-Chandra Research Institute, Prayagraj; Flat No. 10/6, Block C, Green Tower, Golf Green, Kolkata 700095 [Tel (033) 2473-7519 (R), 98-312-43624 (M); Email [amitavaraychaudhuri@yahoo.com](mailto:amitavaraychaudhuri@yahoo.com)]; **Medal:** INSA Young Scientist (1982); **SC: II.**



**2001: RAYCHAUDHURI, Arup Kumar** (b 1952), PhD, Sp: Physics, Low Temperature Physics, Physics of Nanomaterials, Scanning Probe Microscopy, Sensors, Translational Research; FASc, FNASc, SERB Distinguished Fellow, *CSIR-Central Glass and Ceramic Research Institute, 196, Raja S.C.Mullick Road, Kolkata 700032*; formerly Professor, IISc and Director, NPL, New Delhi, and Director, SN Bose National Centre for Basic Sciences; SV-1, P-347 Lake Town, Block A, Kolkata 700089 [Tel (033) 2322-3314 (O); Fax 2473-0957; Email arupraychaudhuri4217@gmail.com]; **Medal:** HJ Bhabha (2008); **Council:** Ad Mem 2014; **SC: II.**



**2024: RAYCHAUDHURI, Pratap** (b 1971), PhD, Sp: Condensed Matter Physics, FASc, Senior Professor, *Deptt., of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400 005*; 603, Meghnad, TIFR Housing Complex, Homi Bhabha Rd., Colaba, Mumbai 400 005]; Tel (022) 2278-2201, 98-693-03774 (M), Fax (022) 2280-4610, Email pratap@tifr.res.in]; **Medal:** INSA Young Scientist (2003), Anil Kumar Bose Memorial Medal (2006), Shanti Swarup Bhatnagar (2014); **SC: II.**



**1992: REDDY, Borra Madhava** (b 1934), DSc, Sp: Atmospheric Sciences & Radio Communications; formerly Chairman, URSI Committee on Developing Countries; formerly Head, Radio Science Division, CSIR-NPL, New Delhi; *302-N Span Vamsy Home, 1-10-119/1 Mayuri Marg, Begumpet, Hyderabad 500016* [Tel 99-499-02886 (M); Email borramreddy@rediffmail.com]; **Medal:** KR Ramanathan (1999); **SC: IV.**



**1989: REDDY, Chillakuru Abhirama** (b1931), DSc, Sp: Space Physics & Atmospheric Dynamics; formerly Director, Space Physics Lab, VSSC, Thiruvananthapuram; *Flat No. 91, Daisy Tower, L&T Serene Country, Gachibowli, Hyderabad 500032* [Tel (040) 2300-3455 (R); Email carreddy2@yahoo.com]; **SC: IV.**



**2024: REDDY, Dumbala Srinivasa** (b 1971), PhD, Sp: Chemistry, FASc, FNASc, Director, *CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad 500013*, Director's Bungalow, CSIR-IICT, Tarnaka, Hyderabad 500013; [Tel (040) 2719-3030, Email ds.reddy@iict.res.in, dsreddy88@gmail.com], **Award:** Shanti Swarup Bhatnagar Award in Chemical Sciences, **SC-III.**



**1984: REDDY, Gidnahalli Karagappa Narayana** (b 1928), PhD (Lond), Sp: Coordination Chemistry, Organometallics & Catalysis; FNASc, formerly Professor & Head, Department of Chemistry, Bangalore University & VC, Karnatak University, Dharwad; *622, Rajkumar Road, II Block, Rajaji Nagar, Bengaluru 560010* [Tel (080) 2332-4546 (R); Email gkn\_reddy@hotmail.com]; **SC: III.**





**2024: REDDY, Maddika Subba** (*b* 1978), PhD, Sp: Cell Biology, FASc, FNASc, Staff Scientist VI & Group leader, Centre for DNA Fingerprinting & Diagnostics (CDFD), Inner Ring Road, Uppal, Hyderabad 500039, Villa 61, Indu Aranya Harita, Bandlaguda, Nagole, Hyderabad 500 068; [Tel (040) 2721-6168, 99-639-00011 (M), Email msreddy@cdfd.org.in]; **Award:** SSB award, DBT-Bioscience award, CSIR for Excellence in Drug Research etc.; **SC: VII.**



**2021: REDDY, Manjula Nallamala** (*b* 1965), PhD, Sp: Biological Sciences/Microbial Biology; Scientist, *S-106, CSIR-CCMB, Habsiguda, Hyderabad 500007*; 1-2-99/E; St # 2, Habsiguda, Hyderabad 500007 [Tel (040) 27192514 (O), 98-667-06920 (M); Fax 27160310; Email manjula@ccmb.res.in, mreddy65@gmail.com]; **SC: VII.**



**1993: REDDY, Vellenki Umapathi** (*b* 1939), PhD, Sp: Signal Processing & Communications; FASc, FNAE, FIEEE, *37 Aparna Orchids, Near HITEX Ground, Izzat Nagar, Kondapur, Hyderabad 500084* [Tel (040) 2311-4725 (R), 98-481-35781 (M); Email vur10839@gmail.com]; **SC: V.**



**2008: RINDANI, Saurabh Dilsukhray** (*b* 1952), PhD, Sp: Particle Physics; FASc, FNASc, INSA Senior Scientist, *Theoretical Physics Division, Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; M 404, Garden Residency 3, South Bopal Road, Bopal, Ahmedabad 380058 [Tel 94-270-18152 (M); Email sdrindani@gmail.com]; **SC: II.**



**1997: ROUT, Damodar** (*b* 1944), MS, MCh, Sp: Neurosurgery, Micro-neurosurgery, Microvascular Surgery & Neurosciences; FAMS, Chairman & Director, *Department of Neurosurgery, Sri Ramachandra University, Porur, Chennai 600116*; Plot No. 1264, Jayalakshmi Nagar, IV Street, Kattupakkam, Chennai 600056 [Tel (044) 4592-8579, 2476-8403 (O), 4380-1109 (R); Fax 2476-7008; Email dr.d.rout@gmail.com]; **SC: IX.**



**1990: ROY, Ashit Baran** (*b* 1938), PhD, Sp: Precambrian Geology, Tectonics; FASc, FFAST, formerly Professor, Department of Geology, Mohanlal Sukhadia University, Udaipur; *Niloy Apartment, Flat 3/2G, 46A, R.N. Das Road, Kolkata 700031* [Tel (033) 2405-3671 (O), 94-330-87685 (M); Email ashitbaranroy@gmail.com]; INSA Honorary Scientist (2012-15); **SC: IV.**



**1992: ROY, Probir** (*b* 1942), MA (Cantab), PhD (Stanford), Sp: Astroparticle Physics & Particle Physics: Field Theory & Phenomenology; FASc, FNASc, *Bose Institute, Sector 5, Bidhannagar, Kolkata 700091*; formerly Senior Professor & Chair, Department of Theoretical Physics, TIFR, Mumbai; CK 147, Sector 2, Bidhannagar, Kolkata 700091 [Tel (033) 4604-6628 (R), 94-325-97896 (M); Email probirrana@gmail.com; Web <http://www.theory.tifr.res.in/~probir/>]; INSA Senior Scientist (2017-19); **SC: II.**

**2021: ROY, Rahul** (*b* 1959), PhD, Sp: Mathematics; FASc, FNASc, Professor, *Indian Statistical Institute*, 52 Dakshinapuram, JNU Campus, New Delhi 110067 [Tel (011) 4149-3905 (O), 98-689-29236 (M); Fax 4149-3981; Email rahul@isid.ac.in]; **SC: I.**



**2016: ROY, Rajendra Prasad** (*b* 1962), PhD, Sp: Biochemistry, Chemical Biology, Synthetic Protein Chemistry; FNASc, FASc, Dean, *Regional Centre for Biotechnology, NCR Biotech Science Cluster, Faridabad-Gurugram Expressway, Faridabad 121001, India*; 603 RCB Faculty Housing, Biotech Science Cluster, Faridabad - 121001, Haryana [Tel (0129) 284-8903 (O), 98-105-77789 (M); Email rproy@rcb.res.in]; **SC: VIII.**



**1989: ROY, Shasanka Mohan** (*b* 1941), PhD, Sp: Foundations of Quantum Theory & Particle Physics; FASc, FNASc, FTWAS, INSA Emeritus Scientist, *501 Vigyan, Plot 23, Sector 17, Vashi, Navi Mumbai 400703* [Tel (022) 2788-8961 (R); Email shasanka1@yahoo.co.in; Web <http://www.theory.theory.tifr.res.in/~shasanka>]; **Medal:** SN Bose (2012); INSA Senior Scientist (2011-16); INSA Honorary Scientist (2016-21); **SC: II.**



**2005: ROY, Siddhartha** (*b* 1954) PhD, Sp: Biophysics, Biochemistry, Structural Biology, Chemical Biology; FASc, FRSC, FTWAS; *Flat No. A-32, 49/49, Prince Gbulam Mohammed Shah Road, Kolkata 700033* [Tel (033) 2569-3330 (O); Email sidroy@jcbose.ac.in, sidroykolkata@gmail.com]; **Lecture:** Professor Vishwa Nath Memorial (2009); **SC: VIII.**



**2014: ROY, Syamal** (*b* 1954), PhD, Sp: Parasitology, Immunology; FASc, FNASc, JC Bose National Fellow, Emeritus Scientist, CSIR – Indian Institute of Chemical Biology, Jadavpur, Kolkata 700032; Res: 199 Jodhpur Park, Kolkata 700068 [Tel (033) 2499-5731 (Lab), 98-745-32967 (M); Email drsyamalroy@yahoo.com]; **SC: IX.**

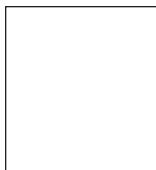


**2017: ROYCHOUDHURY, Susanta** (*b* 1955), PhD, Sp: Cancer Biology; FNASc, FASc, ICMR Emeritus Scientist, CSIR-IICB, Formerly Chief, Basic Research, *Saroj Gupta Cancer Centre and Research Institute, Mahatma Gandhi Road, Thakurpukur, Kolkata 700063*; formerly Chief Scientist, CSIR-IICB; former Professor, Academy of Scientific and Innovative Research (AcSIR); HB-47, Sector-III, Salt Lake, Kolkata 700106 [Tel (033) 2358-1528 (R), 94-331-02986 (M); Email susantarc@gmail.com]; **SC: IX.**



**2019: SABU, Mamiyil** (*b* 1959), PhD, Sp: Angiosperm Taxonomy, Reproductive Biology, Floristics; FASc, CSIR-Emeritus Scientist, Malabar Botanical Garden and Institute for Plant Sciences, Calicut 673014, Kerala; Former Professor and Head, Department of Botany, University of Calicut, Kerala; *'Mamiyil', Nagathumpadam, Olavanna P.O., Calicut, 673019, Kerala* [Tel (0495) 243-1545 (R), 94-476-36333 (M); Email msabu9@gmail.com]; **SC: VI.**





**2020: SAHA, Bhaskar** (b 1964), PhD, Sp: Immunology; FASc, FNASc, FNA, FWST, Scientist-G, *National Centre for Cell Science, Ganeshkhind, Pune 411007* [Tel (020) 2570-8139 (O); Fax 2569-2259; Email: bhaskar211964@yahoo.com]; **SC: IX.**



**2022: SAHA-DASGUPTA, Tanusri** (b 1966), PhD, Sp: Computational Materials Physics, Electronic Structure; FASc, FNASc, FTWAS, Senior Professor and Director, *Department of Condensed Matter Physics and Materials Science, SN Bose National Centre for Basic Sciences, Sector III, Salt Lake, Kolkata 700106*; Flat No: LX20504, Utsa Condoville, Rajarhat, New Town, Kolkata 700156 [Tel (033) 2335-5707 (O), 2473-4971 (R) 98-312-09592 (M); Fax 2335-3477; Email t.sahadasgupta@gmail.com]; **SC: II.**



**1992: SAHNI, Ashok** (b 1941), PhD (Minnesota), Sp: Geology, Vertebrate Palaeontology & Biostratigraphy; FTWAS, FASc, FNASc, Professor Emeritus, Panjab University, Chandigarh; *98, Mahatma Gandhi Marg, Lucknow 226001* [Tel (0522) 223-5385 (R), 99-560-29934 (M); Email ashok.sahni@gmail.com]; **Medal:** DN Wadia (2009); **Council:** Mem 1998-2000; **SC: IV.**



**2015: SAHNI, Girish** (b 1956), PhD, Sp: Enzymology, Protein Engineering; FASc, FNASc, former Director General, CSIR and Secretary, DSIR; *Present address: CSIR Bhatnagar Fellow, Institute Of Microbial Technology, Sector 39A, Chandigarh 160036* [Tel 98-883-71548 (M); Email girishsahni@gmail.com]; **SC: VIII.**



**2011: SAHNI, Varun** (b 1956), PhD, Sp: Theoretical Physics; FASc, FNASc, FTWAS, Emeritus Professor, *Inter-University Centre for Astronomy and Astrophysics (IUCAA) Ganeshkhind, Pune 411007*; 6 Akashganga, IUCAA Housing Colony, Pune University Campus, Pune 411007 [Tel (020) 2560-4112 (O), 2560-4406 (R); Email varun@iucaa.in]; **Medal:** HJ Bhabha (2014); **SC: II.**



**2016: SAHU, Arvind Kesarilalji** (b 1963), PhD, Sp: Complement Biology, Molecular Virology; FNASc, FASc, Executive Director, JC Bose National Fellow, *Regional Centre for Biotechnology, 3rd Milestone, Faridabad-Gurgaon Expressway, Faridabad Rd, Faridabad, Haryana 121001*; 'Jyotirmay', 36 Freedom Park, Vishal Nagar, Pimple Nilakh, Pune 411027 [Tel (0129) 2848801 (O), 94-223-20062 (M); Email arvindsahu@rcb.res.in; Web <https://rcb.res.in/index.php?param=empdetails/122>]; **SC: VIII.**



**1994: SAIDAPUR, Srinivas Kishanrao** (b 1947), PhD, Sp: Biology of Reproduction, Comparative Endocrinology & Animal Behaviour; FASc, FNASc, FTWAS, formerly Vice-Chancellor, Karnatak University and Founder Director, Karnatak State Higher Education Academy, Dharwad; *TF-1, Trigunatmika Apartments, Bharati Nagar, Haliyal Road (Near Dasankoppa Circle), Saptapur, Dharwad 580001* [Tel 96-633-78259 (M); Email saidapur@gmail.com]; **Lecture:** Professor MRN Prasad Memorial (2007), Professor Har Swarup Memorial (2011); **Council:** Mem 2006-08, VP 2012-14; **SC: VI.**

**2021: SAIN, Kalachand** (*b* 1964), PhD, Sp: Inversion, Modeling, Advanced Processing & Interpretation of Seismic Data, Machine Learning for Gas-hydrates, Basin Evolution, Geo-tectonics and Earthquake Processes; FNASc, Director, *Wadia Institute of Himalayan Geology, 33, General Mahabadeo Singh Road, Dehradun 248001*; Chief Scientist (on Lien) at CSIR-NGRI, Uppal Road, Hyderabad 500007; Distinguished Professor of AcSIR at WIHG-DST; Flat No. 501, Nagarika Apartment, Kakateeya Nagar, Street No. 2, Habsiguda, Uppal Road, Hyderabad 500007 [Tel (0135) 252-5101 (O), 94-409-64038 (M); Fax 262-5212; Email [director@wihg.res.in](mailto:director@wihg.res.in), [kalachandsain7@gmail.com](mailto:kalachandsain7@gmail.com)]; **SC: IV.**



**2012: SALOTRA, Poonam** (*b* 1955), PhD, Sp: Molecular Parasitology and Immunology; FNASc, FTWAS, FAMS, ICMR Emeritus Scientist, Ex-Director In-charge, *ICMR-National Institute of Pathology, Safdarjung Hospital Campus, Post Box No 4909, New Delhi 110029*; C145, Sarvodaya Enclave, New Delhi 110017 [Tel 98-106-75005 (M); Email [poonamsalotra@hotmail.com](mailto:poonamsalotra@hotmail.com)]; **SC: IX.**



**2004: SALUNKE, Dinakar Mashnu** (*b* 1955), PhD, Sp: Structural Biology, Macromolecular Crystallography, Molecular Biophysics; FASc, FNASc, FTWAS, former Director, *International Center for Genetic Engineering and Biotechnology, ICGEB Campus, P.O. Box 10504, Aruna Asaf Ali Marg, New Delhi 110067*; #2379, B-2, Vasant Kunj, New Delhi 110070 [Tel 96-507-82444 (M); Email [dinakar.salunke55@gmail.com](mailto:dinakar.salunke55@gmail.com)]; **Medal:** Professor GN Ramachandran 60th Birthday Commemoration (2009); **Council:** VP 2013-15; **SC: VIII.**



**2009: SAMANTA, Anunay** (*b* 1956), PhD, Sp: Physical Chemistry (Photochemistry, Time-resolved Spectroscopy); FASc, FNASc, Professor, *School of Chemistry, University of Hyderabad, Hyderabad 500046*; A-2 Faculty Quarters, University of Hyderabad, Hyderabad 500046 [Tel (040) 2313-4813, 2301-1594 (O), 2301-0715 (R), 94-404-99681 (M); Fax 2301-1594; Email [anunay@uohyd.ac.in](mailto:anunay@uohyd.ac.in), [anunay.samanta@gmail.com](mailto:anunay.samanta@gmail.com)]; **Lecture:** Professor Sadhan Basu Memorial (2017); **SC: III.**



**2015: SAMPATH, Srinivasan** (*b* 1961), PhD, Sp: Materials Electrochemistry (Interfacial Chemistry); FASc, FNAE, FTWAS, Professor, *Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru 560012*; 3124, Prestige Kensington Gardens, HMT Main Road, Jalahalli, Bengaluru 560013 [Tel (080) 2293-3315 (O), 2308-9516 (R), 94-837-42993 (M); Fax 2360-6867; Email [sampath@iisc.ac.in](mailto:sampath@iisc.ac.in)]; **SC: III.**



**2002: SAMPATHKUMARAN, Echur Varadadesikan** (*b* 1954), PhD, Sp: Magnetism & Superconductivity; FASc, FNASc, FTWAS, DAE Raja Ramanna Fellow, *HBCSE (TIFR), VN Purav Marg, Mankburd, Mumbai 400088* and Honorary Emeritus Professor, *UGC-DAE-CSR, Mumbai Centre, BARC Campus, Trombay, Mumbai 400085*; Former Distinguished Professor, Tata Institute of Fundamental Research, Mumbai; 202, Vaigyanik CHS, Plot 58-59, Sector 14, Vashi, Mumbai 400703 [Tel 98-921-00402 (M); Email [sampathev@gmail.com](mailto:sampathev@gmail.com)]; **Medal:** INSA Young Scientist (1986); **Council:** Mem 2020-22; **SC: II.**





**1997: SANDHU, Jagir Singh** (b 1942), PhD, Sp: Organic Chemistry, Bio Organic Chemistry; FNASc, Department of Chemistry, Punjabi University, Patiala 147002; formerly Director, RRL, Jorhat, Assam; *Lalheri Road, Hardev Nagar, Khanna 141401* [Tel (0175) 304-6409- 10 (O), (01628) 237-017 (R); Email [j\\_sandhu2002@yahoo.com](mailto:j_sandhu2002@yahoo.com)]; INSA Honorary Scientist (2012-15); **SC: III.**



**1991: SANE, Prafullachandra Vishnu** (b 1937), PhD (Alberta), Sp: Photosynthesis, Plant Physiology, Biochemistry & Molecular Biology; FASc, FNASc, FNAAS, formerly Director, NBRI, Rana Pratap Marg, Lucknow 226001; *C-739/B, Sector C, Mahanagar Extension, Lucknow 226006* [Tel (0522) 359-7186 (R); Email [rajsane@hotmail.com](mailto:rajsane@hotmail.com)]; **Council:** Mem 1996-98; **SC: VII.**



**2017: SANGWAN, Neelam S** (b 1966), PhD, Sp: Plant Sciences; FNASc, FNAAS, Dean Research, Dean, School of Interdisciplinary and Applied Sciences, Professor and Head, *Department of Biochemistry, Central University of Haryana, Jant-Pali, Mahendergarh 123031*; formerly Chief Scientist, Metabolic and Structural Biology, CSIR-CIMAP, Lucknow; Flat No. 501, Type 4, Residential complex of Central University of Haryana, Mahendergarh 123031 [Tel 94-157-66696 (M); Email [sangwan.neelam@gmail.com](mailto:sangwan.neelam@gmail.com), [nsangwan@cuh.ac.in](mailto:nsangwan@cuh.ac.in)]; **Medal:** INSA Young Scientist (1994), NAAS Young Scientist Medal (2000); **SC: VI.**



**2018: SANGWAN, Rajender Singh** (b 1958), PhD, Sp: Secondary Metabolism and Secondary Agriculture Bioprocessing for Resource Recovery & Value Added Products; FNAAS, FNASc, Director, *Academy of Scientific and Innovative Research (AcSIR), AcSIR Campus at CSIR-HRDC, Sector-19, Kamla Nehru Nagar, Ghaziabad 201002*; House E-1, CIMAP Colony (Sugandh Vihar), Vikas Nagar, Sector-7, Lucknow 226022 [Tel 99-150-35566 (O), 94-157-66696 (R), 99-150-35566, 94-512-46764 (M); Email [dr.sangwan@gmail.com](mailto:dr.sangwan@gmail.com), [sangwan@acsir.res.in](mailto:sangwan@acsir.res.in), [director@acsir.res.in](mailto:director@acsir.res.in)]; **SC: X.**



**2014: SANJAPPA, Munivenkatappa** (b 1951), PhD, Sp: Plant Taxonomy & Conservation; FASc, FNASc, INSA Honorary Scientist, *Mahatma Gandhi Botanical Garden, University of Agricultural Sciences, GKVK, Bengaluru 560065*; 504, C-7, Kendriya Vihar, Yelahanka, Bengaluru 560064 [Tel (080) 2333-0153 Ext 302 (O), 99-720-35160 (M); Email: [sanjappam@ymail.com](mailto:sanjappam@ymail.com)]; **SC: VI.**



**2021: SANKARAN, Mahesh** (b 1967), PhD, Sp: Ecology; Professor, *National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bengaluru 560065*; C-204 Samvridhdi Gardenia Apartments, 88/3 Byatarayanapura, Bengaluru 560092 [Tel (080) 2366-6221 (O), 96-633-18733 (M), Email [mahesh@ncbs.res.in](mailto:mahesh@ncbs.res.in)]; **SC: VI.**

**2019: SANKARAN, Parameswaran** (*b* 1959), PhD, Sp: Topology, Representation Theory; FASc, FNASc, Professor, *Chennai Mathematical Institute, SIPCOT IT Park, Siruseri, Kelambakkam 603103*; 24 Second Cross Street, Shastri Nagar, Adyar, Chennai 600020 [Tel (044) 7196-1022 (O), 99-401-39682 (M); Fax (044) 2747-0225; Email [sankaran@cmi.ac.in](mailto:sankaran@cmi.ac.in)]; **SC: I.**



**2013: SANKARANARAYANAN, Rajan** (*b* 1968), PhD, Sp: Structural Biology, FASc, FNASc, Outstanding Scientist, *Structural Biology Laboratory, CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; 1-2-99/D, Street No. 2, Kakathaya Nagar, Habsiguda, Hyderabad 500007 [Tel (040) 2719-2832 (O), 98-664-97744 (M); Fax 2716-0591; Email [sankar@ccmb.res.in](mailto:sankar@ccmb.res.in)]; **Lecture:** Dr MR Das Memorial (2017); **SC: VIII.**



**2020: SANKARARAMAN, Sethuraman** (*b* 1957), PhD, Sp: Organic Chemistry, Synthetic & Mechanistic Organic Chemistry; FASc, Professor, *Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036*; B10/3, First Link Road, IIT Campus, Chennai 600036 [Tel (044) 2257-4210 (O), 2257-6210 (R), 94-443-85211 (M); Fax 2257-4202; Email [sanka@iitm.ac.in](mailto:sanka@iitm.ac.in)]; **SC: III.**



**2018: SANYAL, Kaustuv** (*b* 1969), PhD, Sp: Genetics and Genomics of Human Fungal Pathogens, Eukaryotic Chromosome Segregation; FASc, FNASc, Fellow, American Academy of Microbiology, Professor, *Molecular Mycology Laboratory, Molecular Biology & Genetics Unit, Jawaharlal Nebru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; C 412, M.V, Royal Homes, Srirampura, Jakkur, Bengaluru 560064 [Tel (080) 2208-2878 (O), 94-498-10323 (M); Fax 2208-2766; Email [sanyal@jncasr.ac.in](mailto:sanyal@jncasr.ac.in), [wwwsanyal@gmail.com](mailto:wwwsanyal@gmail.com); Web <http://www.jncasr.ac.in/faculty/sanyal>]; **SC: IX.**



**2001: SANYAL, Milan Kumar** (*b* 1954), PhD, Sp: Condensed Matter Physics, Surface Physics & Synchrotron X-ray Scattering; FASc, FNASc, FTWAS, INSA Senior Scientist, Emeritus Professor and former Director, *Saha Institute of Nuclear Physics, 1/AF, Bidhannagar, Kolkata 700064*; Adjunct Professor, International Centre for Materials Science, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur P.O., Bengaluru 560064; AE 473, Bidhannagar, Kolkata 700064 [Tel (033) 2321-4763 (O), 4603-5577 (R); Fax 2337-4637; Email [milank.sanyal@saha.ac.in](mailto:milank.sanyal@saha.ac.in), [milank.sanyal@gmail.com](mailto:milank.sanyal@gmail.com); Web <http://www.saha.ac.in/web/scientific/personal-page?mid=milank.sanyal&tab=tab1>, **Council:** Mem 2010-12; **SC: II.**



**1995: SARAN, Anil** (*b* 1940), DPhil (*Sc*), Sp: Molecular Biophysics & Biomolecular NMR; FNASc, formerly Professor H, TIFR, Mumbai 400005; *41, New Cosmos Co-operative Housing Society, Jubu-Versova Link Road, Andheri (West), Mumbai 400053* [Tel (022) 2628-8483 (R), 98-191-11024 (M); Email [anilsaran@gmail.com](mailto:anilsaran@gmail.com)]; INSA Honorary Scientist (2010-15); **SC: VIII.**





**2008: SARIN, Manmohan** (*b* 1951), PhD, Sp: Chemical Oceanography, Atmospheric and Aerosol Chemistry; FASc, FNASc, SERB Distinguished Fellow, *Geosciences Division, Physical Research Laboratory, Navrangpura, Ahmedabad 380009*; No A-301, Shashwat Apartments, Nr. Bodakdev Municipal office, Bodakdev, Ahmedabad 380054 [Tel (079) 2631-4938 (O), 3568-6063 (R), 94-267-27301 (M); Fax 2631-4900; Email sarin@prl.res.in, manmohan\_sarin@yahoo.com]; INSA Senior Scientist (2015-18); **SC: IV.**



**2004: SARIN, Shiv Kumar** (*b* 1952), MD, DM, Sp: Hepatology and Gastroenterology; Senior Professor, Department of Hepatology, Chancellor and Director, *Institute of Liver and Biliary Sciences, D-1, Vasant Kunj, New Delhi 110070*; 63, New Moti Bagh, New Delhi 110023 [Tel (011) 4630-0000 (O), 2687-3563 (R); Email shivsarin@gmail.com]; **Medal:** Professor KP Bhargava Memorial (2017); **Lecture:** Dr Y SubbaRow Memorial (2005); **SC: IX.**



**2012: SARKAR, Anindya** (*b* 1959), PhD, Sp: Stable Isotope Geochemistry, Palaeoclimatology, Geochronology and Sedimentology; Professor, *Department of Geology & Geophysics, Indian Institute of Technology, Kharagpur 721302*; A-21, IIT, Kharagpur 721302 [Tel (03222) 283-392 (O) 283-393 (R), 94-340-43377 (M); Fax 282-268; Email anindya@gg.iitkgp.ernet.in, sarkaranindya@hotmail.com]; **Medal:** INSA Young Scientist (1990); **SC: IV.**



**2016: SARKAR, Chitra** (*b* 1955), MBBS, MD, FRCPath, Sp: Neuropathology and Neuro-oncology; FASc, FNASc, FAMS, JC Bose National Fellow, Professor, *Room No. 1083/1083A, 1st Floor, Teaching Block, Department of Pathology, All India Institute of Medical Sciences, New Delhi 110029*; C-II/9, Ansari Nagar (East), AIIMS Campus, New Delhi 110029 [Tel (011) 2659-3371 (O), 2658-8390 (R), 98-101-81945, 99-688-56940 (M); Fax 2658-8663; Email sarkar.chitra@gmail.com]; **Council:** Mem 2022-; **SC: IX.**



**2011: SARKAR, Debi Prasad** (*b* 1958), PhD, Sp: Biochemistry, Molecular Virology, Molecular Cell Biology, Cell Signaling, Biotechnology & Membrane Biology; FASc, FNASc, Former JC Bose National Fellow, Former Senior Professor, Joint Director, DSSEED, IoE & Former Head & Dean (Faculty of Interdisciplinary and Applied Sciences), *Department of Biochemistry, University of Delhi, South Campus, New Delhi 110021*; Former Director, IISER Mohali; Flat No. 2E, Shivalika CGHS Apartment, Sector 9, Plot 16, Dwarka, New Delhi 110077; [Tel 98-106-96767 (M); Email dpsarkar59@gmail.com, debi.sarkar@south.du.ac.in, dpsarkar59@rediffmail.com]; **SC: VIII.**



**2024: SARKAR, Dibyendu** (*b* 1968), PhD, Sp: Biochemistry & Molecular Microbiology, FNASc, Chief Scientist, *CSIR-Institute of Microbial Technology, Sector-39A, Chandigarh 160036*; [Tel (0172) 288-0258 (O), 98-727-91155 (M), Email dibyendu@imtech.res.in, dibyendu1sarkar@gmail.com]; **SC: VIII.**



**1999: SARKAR, Pranab Kumar** (*b* 1939), PhD, Sp: Neurodegenerative Diseases, Molecular Neurobiology, Neuroendocrinology; FASc, *Division of Neurobiology, CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Jadavpur, Kolkata 700032*; BD 186, Salt Lake, Kolkata 700 064 [Tel (033) 2499-5707 (O), 2337-2927 (R), 94-330-60022 (M); Fax 2473-5197; Email pk\_sarkar@hotmail.com]; INSA Honorary Scientist (2009-15); **SC: IX.**



**2007: SARKAR, Utpal** (*b* 1956), PhD, Sp: Theoretical Particle and Astroparticle Physics; FASc, FNASc, DAE Raja Ramanna Fellow, Department of Physical Sciences, Indian Institute of Science Education and Research, Kolkata, Mohanpur 741246; Res: B-04/208 Kalyani, West Bengal 741235 [Tel 98-985-86326 (M); Email utpal.sarkar@iiserkol.ac.in, utpal.sarkar.prl@gmail.com]; **Medal:** INSA Young Scientist (1988); **SC: II.**



**2001: SARMA, Dipankar Das** (*b* 1955), PhD, Sp: Strongly correlated electron systems, Materials physics and chemistry including nanomaterials and energy materials; FASc, FNASc, FTWAS, Honorary Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2360-7576, 2293-2945 (O); Fax 2360-1310; Email [sarma@iisc.ac.in](mailto:sarma@iisc.ac.in) and [sarma.dd@gmail.com](mailto:sarma.dd@gmail.com); Web <http://sscu.iisc.ac.in/people/DDSarma/>]; **Medal:** INSA Young Scientist (1983); **Lecture:** Dr Jagdish Shankar Memorial (2006), Professor KR Rao Memorial (2008); **Council:** Mem 2009-11; **SC: III.**



**1990: SARMA, Vallury Visweswara Subrahmanya** (*b* 1944), ME, PhD, Sp: Computer Science, Intelligent Systems and Indian Logic; FASc, FNAE, *2182 Siva, 8th Main Road, E-Block, Rajajinagar, 2nd Stage, Bengaluru 560010* [Tel (080) 2332-1876, 2332-1873 (R); Email [vallury.sarma@gmail.com](mailto:vallury.sarma@gmail.com)]; **SC: V.**



**1980: SASISEKHARAN, Vishwanathan** (*b* 1933), PhD, Sp: Biomolecular Structure & Function; FASc, formerly Professor, Molecular Biophysics Unit, IISc, Bengaluru 560012; **Medal:** JC Bose (1983); **SC: VIII.**



**2021: SASTRY, Garikapati Narahari** (*b* 1966), PhD, Sp: Computational Chemistry, Theoretical Chemistry, Computer-aided Drug Design, Machine Learning & Data Science; FASc, FNASc, FRSC, Director, *CSIR-North East Institute of Science & Technology, Jorbat, Assam*; JC Bose National Fellow; Permanent Residence: H. No. 14-137/1/1A, Raja Srinivasa Nagar, Mirjalaguda X Roads, Malkajgiri Hyderabad 500 047 [Tel +91 (0376) 237-0012, 237-2742 (O), 99-635-82996 (M); Fax 237-0011; Email [director@neist.res.in](mailto:director@neist.res.in), [gnsastry@neist.res.in](mailto:gnsastry@neist.res.in), [gnsastry@gmail.com](mailto:gnsastry@gmail.com); Web <https://neist.res.in/acds.php>]; **SC: III.**



**2016: SASTRY, Srikanth** (*b* 1964), PhD, Sp: Statistical Mechanics, Soft Condensed Matter Physics, Chemical Physics; FASc, FNASc, Professor, *Theoretical Sciences Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur Campus, Bengaluru 560064*; No. 5 (JP), 6th Cross, L.I.C Colony, Jayanagar III Block (East), Bengaluru 560011 [Tel (080) 2208-2838 (O), 94-483-86838 (M); Fax 2208-2966, 2208-2767; Email [sastry@jncasr.ac.in](mailto:sastry@jncasr.ac.in); Web <http://www.jncasr.ac.in/sastry/>]; **SC: II.**





**2011: SATHEESH, Sreedharan Krishnakumari** (b 1970), PhD, Sp: Atmospheric Aerosol & Climate; FASc, FNASc, FTWAS, Chairman, *Divecha Centre for Climate Change*, Professor, *Centre for Atmospheric and Oceanic Science, Indian Institute of Science, Bengaluru 560012*; G-504, Brigade Gateway, 26/1, Dr. Rajkumar Road, Malleswaram West, Bengaluru 560055 [Tel (080) 2293-3070 (O), 2360-0275 (R), 94-483-60274 (M); Fax 2360-0865; Email [satheesh@iisc.ac.in](mailto:satheesh@iisc.ac.in), [profsks@gmail.com](mailto:profsks@gmail.com)]; **Medal:** INSA Young Scientist (2002); **Council:** Mem 2017-19; **SC: IV.**



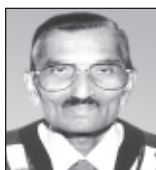
**1993: SATHYAMURTHY, Narayanasami** (b 1951), PhD, Sp: Theoretical Chemistry, Molecular Reaction Dynamics; FASc, FTWAS, Honorary Professor, *Indian Institute of Science Education and Research Mohali, Knowledge City, Sector 81, SAS Nagar, Manauli PO 140306* [Tel 97-791-44905 (M); Email [nsath@iitk.ac.in](mailto:nsath@iitk.ac.in), [nsath@iisermohali.ac.in](mailto:nsath@iisermohali.ac.in)]; **Medal:** INSA Young Scientist (1980), CV Raman (2016); **Council:** VP 2010-12; **SC: III.**



**2005: SAVITHRI, Handanahal Subbarao** (b 1951), PhD, Sp: Plant Molecular Virology, Enzymology, Protein Chemistry; FASc, FNASc, JC Bose National Fellow, NASI Senior Scientist (2020-2022), Emeritus Professor, *Department of Biochemistry, Indian Institute of Science, Bengaluru 560012*; No. 531, Beladingalu, 14th Main, I Stage, I Phase, Gokul, Bengaluru 560054 [Tel (080) 2360-1561 (O), 2337-2981 (R), 94-483-79380 (M); Fax 2360-0814; Email [hss@alumni.iisc.ac.in](mailto:hss@alumni.iisc.ac.in), [hssavithri@gmail.com](mailto:hssavithri@gmail.com); Web <http://www.biochem.iisc.ernet.in/~bchss/>]; INSA Senior Scientist (2017-19); **SC: VII.**



**1996: SAWHNEY, Surinder Kumar** (b 1943), PhD, Sp: Plant Biochemistry; Professor (Retd), *E-7/1, Nehru Ground, Faridabad, NIT, Haryana 121001* [Tel 92-893-25262 (M); Email [bliss46@rediff.com](mailto:bliss46@rediff.com)]; **SC: VII.**



**1973: SAXENA, Kailash Narain** (b 1927), DPhil, Sp: Entomology: Insect Behaviour and Management; FNAAS, formerly DDG, The International Ctr of Insect Physiology & Ecology (ICIPE), Nairobi, Kenya; Professor & Head, Zoology Department, University of Delhi; Editor-in-chief, *Arthropod Management Tests*, Entomological Society of America; *A-302 Gitanjali Apartments, Karkardooma, Delhi 110092* [Tel (011) 2237-4686 (R), 99-585-48850 (M); Email [saxenak@hotmail.com](mailto:saxenak@hotmail.com)]; **Council:** Ed Pub 1975-78; **SC: X.**



**2024: SAXENA, Nitin** (b 1981), PhD, Sp: Algebraic Complexity, FNASc, FASc, FNAE, J.C. Bose Fellow, N. Rama Rao Chair Professor, *Room No. 203, Dept. of CSE, IIT Kanpur 208016*, D-304, Faculty Aptt., IIT Kanpur 208016; [Tel (0512) 679-7588 (O), 679-8615 (R), 89-530-36836 (M), Email [nitin@cse.iitk.ac.in](mailto:nitin@cse.iitk.ac.in)]; **Medal:** INSA Young Scientist (2015); **Awards:** SSB Prize, Swarna Jayanti Fellowship, IITB International Award, Godel Prize, Fulkerson Prize, DAA IITK; **SC: I.**



**2003: SAXENA, Rajiv Krishna** (b 1951), PhD, Sp: Immunology, Nanotoxicology, Nanosciences, Biotechnology, Pulmonary Immune Responses and Effect of Environmental Pollutants, Erythrocyte Turnover; FASc, FNASc, JC Bose National Fellow, INSA Senior Scientist, Emeritus Professor, *Faculty of Life Sciences and Biotechnology, South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi 110021*; 27 Empire Estate, Sultanpur, MG Road, New Delhi 110030 [Tel (011) 2419-5297 (O), 99-100-48241 (M); Fax 2412-2511; Email [rajivksaxena@hotmail.com](mailto:rajivksaxena@hotmail.com), [rksaxena@sau.int](mailto:rksaxena@sau.int); Web <http://www.SAU.ac.in>; [www.rajivksaxena.info](http://www.rajivksaxena.info)]; **SC: IX.**

**2002: SEBASTIAN, Kizhakeyil Lukose** (*b* 1950), PhD, Sp: Theoretical Chemistry; FASc, Formerly Professor, Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru; #2031, *Prestige Kensington Gardens, No. 17 HMT Main Road, Jalaballi West, Bengaluru 560013* [Tel 96-329-28096 (M); Email kls@iisc.ac.in; Web <http://ipc.iisc.ac.in/~kls/>]; **SC: III.**



**2006: SEN, Abhijit** (*b* 1946), PhD, Sp: Plasma Physics and Non Linear Dynamics; Emeritus Professor and INSA Honorary Scientist, *Institute for Plasma Research, Bhat, Gandhinagar 382428*; 846, Nandanvan Society, S.G. Highway, Ahmedabad 380058 [Tel (079) 2396-9023 (O), 98-250-51578 (M); Fax 2396-9016; Email abhijit@ipr.res.in, senabhijit@gmail.com]; **Medal:** INSA Young Scientist (1976); **Council:** Mem 2019-21; **SC: II.**



**1996: SEN, Ashoke** (*b* 1956), PhD, Sp: High Energy Physics; FASc, FNASc, FRS, *Harish-Chandra Research Institute, Chhatnag Road, Jhusi, Allahabad 211019* [Tel (0532) 227-4302 (O), 227-4002 (R); Fax 569-576; Email ashokesen1999@gmail.com; Web <http://www.mri.ernet.in/~sen/>]; **Medal:** SN Bose (2004); **SC: II.**



**2010: SEN, Diptiman** (*b* 1959), PhD, Sp: Theoretical Condensed Matter Physics, Quantum Field Theory; FASc, FNASc, Professor, *Centre for High Energy Physics, Indian Institute of Science, Bengaluru 560012*; V1-108, 29/1-1 Kalpana Chawla Road, Bengaluru 560094 [Tel (080) 2293-2974 (O); Fax 2360-0683; Email diptiman@iisc.ac.in; Web <http://chep.iisc.ac.in/Personnel/pages/diptiman/index.html>]; **SC: II**



**2011: SEN, Kalidas** (*b* 1948), PhD, Sp: Chemical Physics; FASc, INSA Honorary Scientist, INSA Senior Scientist (May 2018-April 2023), *School of Chemistry, University of Hyderabad, Hyderabad 500046* [Tel (040) 2313-4809 (O), 96-520-09749 (M); Email kalidas.sen@gmail.com, kds77@uohyd.ac.in]; **Medal:** INSA Young Scientist (1978); **SC: III.**



**2018: SEN, Ranjan** (*b* 1967), PhD, Sp: Microbiology, Biochemistry; FNASc, FASc, Staff Scientist VII, *Center for DNA Fingerprinting and Diagnostics, Inner Ring Road, Uppal, Hyderabad 500039*; 503B Surya Towers, Snehapuri Colony, Road No. 2, Nacharam, Hyderabad 500076 [Tel (040) 2721-6103 (O), 2715-8703 (R), 98-661-22652 (M); Fax 2721-6006; Email rsen@cdfd.org.in]; **SC: VIII.**



**2012: SEN, Sandeep** (*b* 1962), PhD, Sp: Computer Science (Algorithms); FASc, Distinguished Senior Professor, *Dept of Computer Science and Engineering, Shiv Nadar University, Delhi NCR, Gautam Buddha Nagar, Uttar Pradesh 201314*; Villa 5, Campus Housing, Shiv Nadar University, Gautam Buddha Nagar, Uttar Pradesh 201314 [Tel (0120) 2662002 (O), 98-681-14462 (M); Email ssen@snu.edu.in]; **SC: V.**





**1979: SEN, Sisir Kumar** (*b* 1929), PhD (Chicago), Sp: Metamorphic Petrology & Geochemistry; FNASc; formerly Professor & Dean, IIT, Kharagpur; *B12, Indraprastha Apartments, Plot No 114 IP Extension, Patparganj, Delhi 110092* [Tel 99-716-61943 (M); Email sksen201030@gmail.com]; **Medal:** DN Wadia (2012); INSA Senior Scientist (1994-99); **SC: IV.**



**2023: SEN DE, Aditi** (*b* 1974), PhD, Sp; Quantum Information and Quantum Computation, Quantum Optics, Condensed Matter Physics, Professor H, *Physics Division, Harish-Chandra Research Institute, Chhatnag Road, Jhansi, Allahabad 211 019, India*; [Tel (0532) 2274410; 97-936-37732 (M); Email: aditi@hri.res.in]; **SC: II.**



**2021: SENGUPTA, Krishnendu** (*b* 1970), PhD, Sp: Theoretical Condensed Matter Physics; FASc, FNASc, Senior Professor, *Theoretical Physics Department, Indian Association for the Cultivation of Science, 2A and B, Raja SC Mullaik Road, Jadavpur, Kolkata 700032; 6/15 PB Road, Behala, Kolkata 700034* [Tel (033) 2473-4971 Ext 2192, 98-301-78500 (M); Email tpks@iacs.res.in, ksengupta1@gmail.com]; **SC: II.**



**2011: SENGUPTA, Pulak** (*b* 1963) PhD, Sp: Metamorphic Petrology and Precambrian Geology; FASc, DAAD Visiting Professor, Professor of Geology, *Department of Geological Sciences, Jadavpur University, Kolkata 700032; 43/6/11 Jheel Road, Kolkata 700031* [Tel 97-483-59495 (M); Email pulaksg@gmail.com]; **Medal:** INSA Young Scientist (1991); **SC: IV.**



**2017: SENGUPTA, Sagar** (*b* 1968), PhD, Sp: Cancer Biology, Cell Biology, DNA Damage Response, DNA Repair, Mitochondria Biology; Director, *National Institute of Biomedical Genomics, Kalyani, West Bengal 741251; Flat 1602, Plot 95, Golfink Apartment, Sector 54, Gurugram 122011* [Tel (033)29772151; Email ssg2@nibmg.ac.in]; **Lecture:** Professor Vishwa Nath Memorial (2021); **SC: IX.**



**1995: SENGUPTA, Sudipta** (*b* 1946), PhD, Sp: Structural Geology & Precambrian Geology; formerly Professor, *Department of Geological Sciences, Jadavpur University, Kolkata 700032; C-27, 5th Floor, Swinhoe Apartment, 12/1 Swinhoe Street, Kolkata 700019* [Tel (033) 2440-5471 (R), 98-302-30144 (M); Email sudipta20@gmail.com, sudiptasg@yahoo.com]; **Medal:** DN Wadia (2015); INSA Senior Scientist (2011-15); **Council:** Mem 2001-03; **SC: IV.**



**2017: SENTHILKUMARAN, Balasubramanian** (*b* 1965), PhD, Sp: Fish Molecular Endocrinology, Developmental Biology, Reproductive Biology; Nanotoxicology, FASc, FNASc, FNAAS, Senior Professor, *Department of Animal Biology, School of Life Sciences, University of Hyderabad, P O Central University, Gachibowli, Hyderabad 500046, Telangana State; 78, Gulmohar Park, Serilingampally, Ranga Reddy District, Hyderabad 500019, Telangana State*; [Tel (040) 2313-4562 (O), (040) 2988-6518 (R), 94-401-40637 (M); Fax 2301-0120; Email bsksl@uohyd.ac.in, senthilkumarانب@yahoo.com, senthilkumaranbalasubramanian@gmail.com]; **SC: VI.**

**1990: SETHUNATHAN, Nambrattil** (*b* 1937), PhD, Sp: Environmental Microbiology; FASc, FNASc, FNAAS, formerly Visiting Scientist, CSIRO Land and Water, PMB 2, Glen Osmond, SA 5064, Australia and Principal Scientist and Head, Soil Science and Microbiology, CRRI, Cuttack; 2244, *West River Rock Trail, Anthem, AZ 85086, USA* [Tel (+1) 623 551 6015 (M); Email sethunathan@hotmail.com]; INSA Senior Scientist (1998-2001); **Council:** Mem 1995-97; **SC: X.**



**1996: SETTY, B Sreenivasulu** (*b* 1936), PhD, Sp: Reproductive Biology, Fertility Regulation; FNASc, formerly Senior Dy Director & Head, Division of Endocrinology, CDRI, Lucknow; *Flat No. D-801, Majesto Tower, Lodha Meridian Apartments, Rain Tree Park Road, Kukatpally Phase 5, Hyderabad 500085* [Tel (040) 2337-2917 (R), 93-910-16206 (M); Email dr\_settybs@yahoo.co.in]; **SC: VI.**



**1980: SHAH, Jaysukh Jagmohandas** (*b* 1924), PhD, Sp: Plant Anatomy & Wood Science; formerly Head, Professor of Botany, Department of Biosciences, Sardar Patel University, Vallabh Vidyanagar 388120; *29, HIG, Freedom Fighter Nagar, Near Samta Soc, Vadodara 390023* [Tel 98-250-17882 (M); Email jjshah87@yahoo.in]; INSA Senior Scientist (1985-87); **SC: VI.**



**1987: SHAH, Raman Vadilal** (*b* 1926), PhD, Sp: Comp Anatomy, General Developmental Physiology; formerly Professor, Head, Department of Zoology, Faculty of Sciences, MS University of Baroda, Vadodara 390008; *7, Indraprastha, New Sama Road, Vadodara 390008* [Tel (0265) 278-1346 (R)]; **SC: VI.**



**2008: SHAHA, Chandrima** (*b* 1952), PhD, Sp: Cell Biology, Biochemistry; FASc, FNASc, FTWAS, FAScT; JC Bose Chair, Distinguished Professor, *National Academy of Sciences, Indian Institute of Chemical Biology; 4, Raja S.C. Mullick Road, Kolkata 700032*; Former Director and Professor of Eminence, *National Institute of Immunology, New Delhi*; Res: 20/15 NSC Bose Road, Grahams Land, Kolkata 700040 [Tel 99-584-20001 (M)]; Email cshaha04@gmail.com, cshaha@nii.ac.in; [Webhttps://nii.res.in/en/former-faculty/dr-chandrima-shaha]; **Medal:** Chandrakala Hora Memorial (2013); SS Bhatnagar (2019); **Lecture:** Professor Darshan Ranganathan Memorial (2010); **Council:** Ad Mem 2015, VP 2016-18, Pres 2020-22; **SC: VIII.**



**2007: SHANBHAG, Bhagyashri Achut** (*b* 1950), PhD, Sp: Biology of Reproduction and Endocrinology, Behavioral Ecology; FASc, FNASc, formerly Professor of Zoology, Karnatak University, Dharwad; *FF4, Trigunatmika Apartments, Haliyal Road, Saptapur, Dharwad 580001, Karnataka* [Tel 94-481-84536 (M); Email bhagyashrishanbhag@gmail.com]; INSA Senior Scientist (2013-15); **SC: VI.**





**1996: SHARAN, Maithili** (*b* 1953), PhD, Sp: Applied Mathematics: Atmospheric Science: Air Pollution; FNASc, FNAE, INSA Senior Scientist and Formerly Professor and Head and JC Bose National Fellow, *Centre for Atmospheric Sciences, Indian Institute of Technology, Hauz Khas, New Delhi 110016*; A-4 Solar House, IIT Campus, New Delhi 110016 [Tel (011) 2659-1946, 98-108-45534 (M); Email mathilis@cas.iitd.ac.in, mathilis.iit@gmail.com]; **Medal:** INSA Young Scientist (1984); **Council:** Mem 2022-; **SC: I.**



**2004: SHARMA, Anurag** (*b* 1955), PhD, Sp: Photonics: Fiber & Integrated Optics, Gradient-Index Optics, Applied Optics; FASc, FNASc, FNAE, Emeritus Professor, *Department of Physics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016*; D-202 (FF), Saket, New Delhi 110017 [Tel (011) 2659-1350, 2659-1331 (O), 2686-7022 (R); Email asharma@physics.iitd.ac.in]; **Medal:** INSA Young Scientist (1986), AK Bose Memorial (1991); **Council:** VP 2017-19, Ad Mem 2023, 2024; **SC: V.**



**2004: SHARMA, Ashutosh** (*b* 1961), PhD, DSc (*bc*), Sp: S&T Policies, Nanotechnology, Instabilities and Self-Organization in Thin Films, Nano-patterning, Nano-mechanics, Colloid and Interface Science, Biomaterials, Functional Nanomaterials for Energy, Environment, Health and Sensors; FASc, FNASc, FNAE, FTWAS, Institute Chair Professor, Department of Chemical Engineering, Indian Institute of Technology, Kanpur 208016; Former Secretary, *Department of Science and Technology, Government of India (January 2015-August 2021)* [Tel (0512) 259-7026 (O), 99-353-97366 (M); Email ashutos@iitk.ac.in, asharma.dst@gov.in; Web <http://www.iitk.ac.in/che/as.htm>]; **Medal:** SH Zaheer (2011), Meghnad Saha (2018); **Council:** Mem 2014-16, Pres 2023 -; **SC: V.**



**2022: SHARMA, Dinesh Kumar** (*b* 1950), PhD, Sp: Microelectronics, VLSI Design; FIETE, Emeritus Professor, *EE Department, Indian Institute of Technology Bombay, Mumbai 400076*; 1103A, Tulsigagan, Plot 28-29, Sector 21, Kharghar, Navi Mumbai 410210 [Tel (022) 2576-7432 (O), 2774-3426 (R), 96-191-97432 (M); Email dinesh@ee.iitb.ac.in, iitdinesh@gmail.com]; **NC.**



**2014: SHARMA, Eklabya** (*b* 1958), PhD, Sp: Ecology; FNASc, Strategic Advisor and Distinguished Senior Fellow, *Ashoka Trust for Research in Ecology and the Environment (ATREE), PO Royal Enclave, Srirampura, Jakkur, Bengaluru, Karnataka 560064*; Block 1/3A, Silver Oaks Apartment, Mallaguri, Siliguri, West Bengal 734003; Tel 92-894-56381 (M); Email eklabya.sharma@atree.org, eklabyasharma11@gmail.com]; **Medal:** INSA Young Scientist (1988); **SC: VI.**



**1976: SHARMA, Man Mohan** (*b* 1937), PhD (Cantab), DSc (*bc*), DEng (*bc*), Sp: Multiphase Reactions and Reactors; FASc, FTWAS, FEng, FRS, Foreign Assoc USNA Engg, FNASc (Hon), LLD(Hon), Intl Fellow Royal Acad Eng, Emeritus Professor of Eminence and formerly Professor of Chemical Engg & Director, Institute of Chemical Technology, Mumbai 400019; *2/3, Jaswant Bang (Runwal Park), Behind Akbarally, Chembur, Mumbai 400071* [Tel 98-330-52278 (M); Email profmsharma@gmail.com]; **Medal:** Vishwakarma (1985), Meghnad Saha (1994), INSA Medal for Promotion & Service to Science (2008); **Lecture:** Sir JC Bose Memorial (1994); **Council:** Mem 1980-82, VP 1987-88, Pres 1989-90, Ad Mem 1991-92; **SC: V.**

**2015: SHARMA, Pushkar** (b 1969), PhD, Sp: Signal Transduction, Biochemistry, Malaria, Neuroscience; FNASc, Staff Scientist-VII, *National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067*; A10, National Institute of Immunology, New Delhi 110067 [Tel (011) 2670-3791 (O), 98-107-25454 (M); Fax 2674-2125; Email pushkar@nii.ac.in; Web <http://www1.nii.res.in/research/pushkar-sharma>]; **SC: VIII.**



**1992: SHARMA, Ram Swaroop** (b 1937), DPhil (Basel), Sp: Metamorphic Petrology & Precambrian Geology; FASc, *70/36 Pratapnagar, Sector 7, Sangner (RHB), Jaipur 302033* [Tel (0141) 3135551 (R), 94-148-88025 (M); Email sharma.r.sw@gmail.com]; **SC: IV.**



**1999: SHARMA, Rameshwar Prasad** (b 1940) PhD, Sp: Genetics, Cytogenetics and Plant Biotechnology; FASc, FNASc, FNAAS, INSA Emeritus Scientist & formerly Project Director, National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi 110012; *C-II-204, Eldeco Ananda Apartments, Block-D, Sector 48, Noida 201301* [Tel 98-106-78220 (M); Email rpsnrpcb@yahoo.co.in]; **Medal:** Silver Jubilee Commemoration (2013); INSA Honorary Scientist (2010-15); **Council:** Mem 2001-03; **SC: X.**



**2015: SHARMA, Shobhona** (b 1953), PhD, Sp: Parasite Biology and Immunology; FASc, INSA Honorary Scientist, Institute of Chemical Technology, Mumbai; formerly Senior Professor and Chairperson, Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai; *1103 A, Tulsiyagan Building, President CHS, Plot No 28 & 29, Sector 21, Kharghar, Navi Mumbai 410210* [Tel (022) 2774-3426 (R), 98-923-52830 (M); Email sharma@tifr.res.in, shobhona@gmail.com; Web [http://www.tifr.res.in/~dbs/faculty/S\\_Sharma.html](http://www.tifr.res.in/~dbs/faculty/S_Sharma.html)]; **Council:** Mem 2018-20; **SC: IX.**



**2013: SHARMA, Surendra Kumar** (b 1951), MD, PhD, Sp: General Medicine, Pulmonary, Critical Care and Sleep Medicine & Infectious Diseases; FNASc, FASc, JC Bose National Fellow, Adjunct Professor, *Department of Molecular Medicine, Jamia Hamdard Institute of Molecular Medicine, Hamdard University, Hamdard Nagar, Delhi 110062* & Adjunct Professor, Departments of General Medicine & Respiratory Medicine, JNMC, Datta Meghe Institute of Medical Sciences (DMIMS), Sawangi (M), Wardha (Maharashtra); formerly Professor & Head, Department of Medicine, AIIMS, New Delhi [Tel (011) 4940-5842 (O), 2611-5666 (R), 98-990-88092 (M); Email sksharma.aiims2@gmail.com]; **SC: IX.**



**2016: SHARMA, Surinder Mohan** (b 1952), PhD, Sp: Materials Behavior under High Pressures and Development of Synchrotron Beamlines; FNASc, FASc, Retd DAE Distinguished Scientist & Director, Physics Group & Head, High Pressure & Synchrotron Radiation Physics Division, BARC, Mumbai; *C-32, Kendriya Vihar Coop Hsg Soc., Sector 38, Nerul, Navi Mumbai 400706* [Tel 98-197-67483, 001 509-715-7281 (M); Email smsharma09@gmail.com]; **SC: II.**





**2013: SHARMA, Tilak Raj** (*b* 1965), PhD, Sp: Agricultural Biotechnology and Disease Resistance; FNASc, FNAAS, JC Bose National Fellow, Deputy Director General (Crop Science), *Indian Council of Agricultural Research, Ministry of Agriculture and Farmer's Welfare, Govt. of India, Krishi Bhavan, New Delhi 110001*; B-8 NASC Complex, DPS Marg, New Delhi 110012 [Tel (011) 2338-2545/2309-7003 (O), 98-183-86057 (M); Email trsharma1965@gmail.com, ddgcs.icar@nic.in]; **Medal:** Professor KS Bilgrami Memorial (2018); **Council:** Mem 2021-23; **SC: X.**



**2003: SHARMA, Vishnu Dutt** (*b* 1949), PhD, Sp: Partial Differential Equations and Nonlinear Wave Phenomena; FNASc, *Visiting Professor, Department of Mathematics, Indian Institute of Technology Gandhinagar, Palaj, Gandhinagar 382355*; IIT Gandhinagar Campus; formerly Chair Professor and Head, Department of Mathematics, IIT Bombay; Housing Block: 1/201, IIT Gandhinagar Campus, Palaj, Gandhinagar, 382 355 [Tel 98-206-05360 (M); Email vsharma@iitgn.ac.in, vduuttsharma@gmail.com]; **SC: I.**



**2006: SHARMA, Yagya Dutta** (*b* 1951), PhD, Sp: Molecular Parasitology, Malaria, Molecular Epidemiology; FASc, FNASc, formerly Professor & Head, Department of Biotechnology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029; *C-65, Golfview Apartments, Saket, New Delhi 110017* [Tel 98-108-44106 (M); Email ydsharma\_aiims@yahoo.com, ydsharma@hotmail.com]; **SC: IX.**



**2019: SHARMA, Yogendra** (*b* 1959), PhD, Sp: Biophysics; FNASc, FASc; Professor and Dean, IISER Berhampur, ex-Chief Scientist, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; Flat E204, Indu Aranya Pallavi Apt., GSI Post, Nagole, Hyderabad 500068 [Tel 99-086-30358 (M); Email yogendra@iiserbpr.ac.in, yogen.cmb@gmail.com]; **SC: VIII.**



**2007: SHASHIDHARA, Lingadahalli Subrahmanya** (*b* 1963), PhD, Sp: Genetics and Developmental Biology; FASc, FNASc, Director, National Centre for Biological Sciences, Bengaluru 560065; Professor, *Indian Institute of Science Education and Research (IISER) Pune and Professor (Honorary), Ashoka University*; 1278, Judicial Layout, Bengaluru 560065; [Tel (080) 2366-6001 (O), 98-234-32303 (M); Email lsshashidhara@ncbs.res.in]; **Council:** Mem 2015, VP 2016-17; **SC: VII.**



**1999: SHASTRY, Balajapalli Sriram** (*b* 1950), PhD, Sp: Condensed Matter Theory, Statistical Mechanics; FASc, FNASc, FTWAS, Distinguished Professor of Physics, *Department of Physics, University of California, Santa Cruz, CA 95064, USA* [Tel (831) 459-5849 (O); Fax 459-3043; Email sriram@physics.ucsc.edu]; **Council:** Mem 2003-05; **SC: II.**



**2020: SHENOY, Vijay Balakrishna** (b 1971), PhD, Sp: Condensed Matter Theory; FASc, Professor, *Centre for Condensed Matter Theory, Department of Physics, Indian Institute of Science, Bengaluru 560012*; No. E-26, New Housing Colony, IISc Campus, Indian Institute of Science, Bengaluru 560012 [Tel (080) 2293-2888 (O), 2360-5620 (R), 94-490-55620 (M); Fax 2360-2315; Email shenoy@iisc.ac.in; Web <http://www.physics.iisc.ernet.in/~shenoy/>]; **Medal:** INSA Young Scientist (2002); **SC: II.**



**1998: SHETYE, Satish Ramnath** (b 1950), PhD (Washington), Sp: Physical Oceanography; FASc, FNASc, *Yashoda, House No. C-14/162, Tonca, Caranzalem, Goa 403002* [Tel (0832) 246-1660 (R), 90-110-56605 (M); Email satishrshetye@gmail.com]; **Council:** Mem 2005-07; **SC: IV.**



**1994: SHIVANNA, Kundaranahalli Ramalingaiah** (b 1940), PhD, Sp: Reproductive Biology particularly Pollen Biology and Biotechnology, and Conservation Biology; FASc, FNASc, FNAAS, FKSTA, INSA Honorary Scientist, ATREE (Ashoka Trust for Research in Ecology and the Environment), Royal Enclave, Srirampura, Jakkur Post, Bengaluru 560064; formerly Professor and Head, Department of Botany, University of Delhi; *Odekar Farms, Nandiballi, Via Thovinakere, Tumkur District, Karnataka 572138* [Tel 94-495-43848 (R); Email shivanna@atree.org, shivannkr40@gmail.com]; **Lecture:** Professor Panchanan Maheshwari Memorial (2004); INSA Senior Scientist (2003-08), INSA Honorary Scientist (2009-to date); **SC: VI.**



**2024: SHIVAPRASAD, Padubidri V** (b 1974), PhD, Sp: Plant Biology, Ramanujan Fellowship (DST); Associate Professor, *National Centre for Biological Sciences, TIFR, GKVK Campus, Bellary Road, Bangalore 560 065*; Gulmohar 601, Shriram Suhaana, Suryavamshi Layout, DB Road, Yelahanka 560 054, Bangalore; [Tel (080) 2366-6511 (O), 73-378-34349 (M), Email shivaprasad@ncbs.res.in]; **Awards:** C.V. Raman (2019), Fellow of National Academy of Sciences, India 2022; **SC: VII.**



**1986: SHOREY, Tarlok Nath** (b 1945), PhD, Sp: Number Theory; FASc, FNASc, Adjunct Professor, National Institute of Advanced Studies, IISc Campus, Bengaluru 560012; *2062 Prestige Park View, Near Hope Farm Junction, Kadugodi Road, Whitefield, Bengaluru 560066* [Tel (080) 2218-5000 (O), 4956-2205 (R); Email tarloknathshorey@gmail.com]; INSA Senior Scientist (2016-19); **SC: I.**



**2021: SHOUCHE, Yogesh** (b 1960), PhD, Sp: Microbial Diversity, Human Microbiome, Microbial Taxonomy; Emeritus Scientist, *National Center for Science, Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411007*; IV SPL D3, NCCS Quarter, NCCS Complex, Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411007 [Tel 98-226-23257 (M), Email yogesh@nccs.res.in, yogesh.shouche@gmail.com]; **SC: VI.**



**2023: SHUKLA, Arun Kumar** (b 1981), PhD, Sp: Membrane Protein, Structural Biology, Protein Engineering and Design, FNASc, FASc, Professor and Sonu Agrawal Memorial Chair, *Department of Biological Sciences and Bioengineering, Lab No. 3, Indian Institute of Technology, Kanpur, Uttar Pradesh 208016*; D 204, Faculty Apartments, IIT Kanpur, India 208016 [Tel (0512) 679-4251 (O); 95-590-02644 (M); Email arshukla@iitk.ac.in]; **SC: VIII.**





**2007: SHUKLA, Ashok Kumar** (*b* 1947), PhD, Sp: Materials Electrochemistry with special emphasis on Batteries, Fuel Cells and Electrochemical Supercapacitors; FASc, FNASc, FNAE, FECS, Emeritus Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2293-2795 (O), 2337-4075 (R); Fax 2360-1310; Email akshukla2006@gmail.com]; **Medal:** Vishwakarma (2018); **SC: III.**



**1995: SHYAMASUNDAR, Rudrapatna Kallikote** (*b* 1950), ME, PhD, Sp: Computer Science; FASc, FNASc, FNAE, FTWAS, JC Bose National Fellow & Distinguished Visiting Professor, *Department of Computer Science and Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076*; 203, Shubh Heritage, Parmavati Road, Opposite IITB Market Gate, Powai, Mumbai 400076 [Tel (022) 2576-7708 (O), 98-183-20188, 99-871-30188 (M); Fax 2572-3480; Email shyamasundar@gmail.com; Web <http://www.tcs.tifr.res.in/~shyam>]; **SC: V.**



**2017: SIDDAVATTAM, Dayananda** (*b* 1957), PhD, Sp: Microbiology; FNASc, Professor, *Department of Animal Biology, School of Life Sciences, University of Hyderabad, Hyderabad 500046*; 345, Doyens Township, Serilingam Palli, Hyderabad 500032 [Tel (040) 2301-3233 (O), 2313-4578 (R), 98-498-85348 (M); Fax 2301-0120; Email siddavattam@gmail.com, sdsl@uohyd.ernet.in]; **SC: VI.**



**1995: SIDDIQ, Ebrahimali Abubacker** (*b* 1937), PhD, DSc (*hc*), Sp: Genetics & Plant Breeding; FNASc, FNAAS, INSA Emeritus Scientists, Hon Professor, Institute of Biotechnology, Professor, Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad 500030; *Plot No. 81, "Jasmine", Happy Homes Colony, Upparapalli Hyderguda PO, Hyderabad 500048* [Tel (040) 2401-8625 (R), 90-323-26727 (M); Email easiddiq@gmail.com, easiddiq@rediffmail.com]; **Medal:** Silver Jubilee Commemoration (1997), SL Hora (2011); INSA Senior Scientist (2017-18); **Council:** Mem 1998-2000, Ad Mem 2006; **SC: X.**



**2011: SIDDIQI, Imran** (*b* 1957), PhD, Sp: Plant Molecular Genetics; Scientist Gr IV (5) and Group Leader, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; 1-2-83 St No 1, Kakatiyanagar, Habshiguda, Uppal Road, Hyderabad 500007 [Tel (040) 2719-2570 (O), 98-666-33195 (M); Fax 2716-0591; Email imran@ccmb.res.in, imransiddi@gmail.com]; **SC: VII.**



**1988: SIKKA, Satinder Kumar** (*b* 1942), PhD, Sp: High Pressure, Shockwaves, Neutron Diffraction & Energy Bands; FASc, FNASc, formerly Scientific Secretary, Office of the Principal Scientific Adviser to the Govt. of India; formerly DAE Homi Bhabha Chair Professor and Distinguished Scientist and Director, Atomic and Condensed Matter Physics Group, BARC, Mumbai; *House No 538, Sector 17, Faridabad 121002* [Tel (0129) 408-6016 (R), 99-588-57056 (M); Email sksikka42@gmail.com]; **Medal:** HJ Bhabha (2005); INSA Honorary Scientist (2013-16); **SC: II.**

**1999: SIMON, Rajiah** (b 1948), PhD, Sp: Classical and Quantum Optics, Foundations of Quantum Mechanics, and Quantum Information Theory; FASc, Senior Professor, *The Institute of Mathematical Sciences, CIT Campus, Chennai 600113*; No 3/358A, Kuppam Main Road, Venkateswara Nagar, Kottivakkam, Chennai 600041 [Tel (044) 2254-3120 (O), 82-203-33595 (M); Fax 2254-1586; Email [simon@imsc.res.in](mailto:simon@imsc.res.in)]; **SC: II.**



**1999: SINGH, Ajit Iqbal** (b 1943), PhD, Sp: Functional Analysis, Harmonic Analysis, Quantum Information Theory; FNASc, INSA Emeritus Scientist, *Apt. 102, Block II, Sixth Floor, Din Apartments, Plot No. 7, Sector 4, Dwarka, New Delhi 110075* [Tel 92-120-68046 (M); Email [ajitis@gmail.com](mailto:ajitis@gmail.com)]; INSA Honorary Scientist (2013-16); **Council:** Mem 2006-08; **SC: I.**



**2019: SINGH, Ashok Kumar** (b 1962), PhD, Sp: Genetics and Molecular Breeding in Rice; FNAAS, Head, *Division of Genetics, Indian Agricultural Research Institute, New Delhi 110012*; B-18, Indian Agricultural Research Institute, Pusa Campus, New Delhi 110012 [Tel (011) 2584-1481 (O), 2584-3464 (R), 98-990-45037 (M); Fax 2584-1481; Email [aks\\_gene@yahoo.com](mailto:aks_gene@yahoo.com)]; **SC: X.**



**1992: SINGH, Balwant** (b 1940), PhD, Sp: Algebraic Geometry & Commutative Algebra; FASc, Ex-Emeritus Professor, UM-DAE Centre for Excellence in Basic Sciences, Mumbai University Campus, Kalina, Mumbai 400098; *105, Vaigyanik Society, Plots 58-59, Sector 14, Vashi, Navi Mumbai 400703* [Tel: 98-924-50089 (M)]; Email [balwantbagga@gmail.com](mailto:balwantbagga@gmail.com)]; **SC: I.**



**2014: SINGH, Bhim** (b 1956), PhD, Sp: Electrical Engineering; FNAE, FNA, FNA-Sc, FASc, FTWAS, FIEEE, FIET, FIETE, FIE(I), SERB National Science Chair and Emeritus Professor, *Department of Electrical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi 110016*; 7 New Campus, IIT Delhi, Hauz Khas, New Delhi 110016 [Tel (011) 2659-1045 (O), 2659-1890 (R), 98-115-02125 (M); Email [bsingh@ee.iitd.ac.in](mailto:bsingh@ee.iitd.ac.in)]; **SC: V.**



**2005: SINGH, Bijay** (b 1950), PhD, Sp: Soil Fertility and Chemistry; FNAAS; *69, Green Field, Ludhiana 141002* [Tel 98-155-69369 (M); Email [bijaysingh20@hotmail.com](mailto:bijaysingh20@hotmail.com)]; **Medal:** Professor KS Bilgrami Memorial (2009); **Lecture:** Professor BD Tilak (2014); INSA Senior Scientist (2012-17); INSA Honorary Scientist (2017-22); **Council:** Mem 2010-12; **SC: X.**



**2023: SINGH, Gyanendra Pratap** (b 1964), PhD, Sp: Agriculture, FNASc, FNAAS, FISGPB, FSAWBR, Director, *National Bureau of Plant Genetic Resources, New Delhi 110012, India*; A-1, Director's Residence, ICAR-National Bureau of Plant Genetic Resources, Harbhajan Enclave, DP Shastri Marg, Opposite Todapur, New Delhi 110012 [Tel (011) 25843697, 25802781 (O); 98-688-41775 (M); Email: [gyanendrapsingh@hotmail.com](mailto:gyanendrapsingh@hotmail.com); [gp.singh@icar.gov.in](mailto:gp.singh@icar.gov.in); [director.nbpg@icar.gov.in](mailto:director.nbpg@icar.gov.in)]; **SC: X.**





**1995: SINGH, Harjit** (*b* 1938), PhD, Sp: Organic Chemistry; FASc, FNASc, Professor Emeritus, *Department of Chemistry, Guru Nanak Dev University, Amritsar 143005*; 151, Defence Enclave, Amritsar 143001 [Tel (0183) 258-802-9 Ext 3194 (O), 94-656-70668 (M), (+1) 70-372-96849 (M); Fax 258-820; Email harjit\_gndu@yahoo.co.in]; **Medal:** Professor TR Seshadri 70th Birthday Commemoration (2000); **Council:** Mem1997-99; **SC: III.**



**2012: SINGH, Harkesh Bahadur** (*b* 1956), PhD (LKO), PhD (Aston), Sp: Organometallic Chemistry, Inorganic Chemistry; FASc, FNASc, *B-305, Blue Nile Pacific Enclave, Near Hiranandani Hospital, Powai, Mumbai 400076* [Tel 93-238-40676 (M); Email chhbsia@gmail.com]; **SC: III.**



**2022: SINGH, Inderjit** (*b* 1963), PhD, Sp: Plant Ecology; Professor, *Department of Environmental Studies, North Campus, University of Delhi, Delhi 110007*; 38/11 Probyn Road, University of Delhi, Delhi 110007 [Tel (011) 2766-7689 (O), 98-188-67070 (M); Email inderjitdu@gmail.com]; **SC: VI.**



**1984: SINGH, Jamuna Sharan** (*b* 1941), PhD, Sp: Ecology, Ecosystems Analysis & Ecophysiology; FASc, FNASc, FTWAS, INSA Honorary Scientist, Professor Emeritus, *Department of Botany, Banaras Hindu University, Varanasi 221005*; N 4/11 A-2-B-T, Rajiv Nagar Colony, Karaundi, Varanasi 221005 [Tel (0542) 236-8399 (O), 257-0120 (R), 93-351-78355 (M); Fax 236-8174; Email singh.js1@gmail.com, singh\_js1@yahoo.com, jssingh@bhu.ac.in]; **Medal:** Professor SB Saksena Memorial (1999); **Lecture:** BN Chopra (2010); INSA Senior Scientist (2014-16); **Council:** Mem 1989-91; **SC: VI.**



**2021: SINGH, Krishna Nand** (*b* 1962), PhD, Sp: Organic Chemistry; FNASc, Senior Professor of Organic Chemistry, Department of Chemistry, *Institute of Science, Banaras Hindu University, Varanasi 221005*; B-301, Shanti Niketan Apartments, Shivpuri Colony, Nagwa, Lanka, Varanasi 221005 [Tel 94-159-92580, 73-805-43868 (M); Fax (0542) 236-8127; Email knsinghbhu@yahoo.co.in, knsingh@bhu.ac.in]; **SC: III.**



**2018: SINGH, Kulinder Pal** (*b* 1952), PhD, Sp: Astronomy and Astrophysics; FASc, FNASc; INSA Senior Scientist (2022-), Visiting Professor (2017-2022), Department of Physical Sciences, Indian Institute of Science Education and Research, Mohali, Knowledge City, Sector 81, SAS Nagar, Manauli PO 140306, Punjab; Formerly Senior Professor, TIFR, Mumbai; Member, Board of Management (2018-2021), Sant Longowal Institute of Engineering and Technology, Longowal, Punjab 148106; *Member, Editorial Board, Current Science; Residence:150C, Block A, Wave Estate, Sector 85, Mohali, S.A.S. Nagar, Punjab 140308*; [Tel 90-048-38965 (M); Email kulinderpal@gmail.com, kps@iisermohali.ac.in]; **SC: II.**

**2019: SINGH, Maya Shankar** (b 1960), PhD, Sp: Organic Chemistry (Synthesis, Methodology); FNASc, FASc, JC Bose National Fellow, CNR Rao Chair Professor, Professor, *Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi 221005*; #131, KESHAV-MAYA, Janaki Nagar, Bhagwanpur, Samane Ghat Lanka, Varanasi 221005 [Tel 94-153-72614 (M); Email mayashankarbhu@gmail.com, mssingh@bhu.ac.in]; **SC: III.**



**2009: SINGH, Mewa** (b 1951), PhD, Sp: Ecology, Animal Behaviour; FASc, FNASc, SERB Distinguished Fellow, Distinguished Professor (for Life), *Department of Psychology, University of Mysore, Manasagangothri, Mysore 570006*; 193, Kuvempu Raste, RT Nagar, Ramakrishnana Nagar PO, Mysore 570022 [Telefax (0821) 241-9372 (O), 295-2327 (R), 94-486-03506 (M); Email mewasinghltm@gmail.com]; **Medal: SL Hora (2017); SC: VI.**



**2011: SINGH, Nagendra Kumar** (b 1958) PhD, Sp: Plant Genomics, Transgenic Development, Molecular Breeding, Grain Quality in Rice and Wheat; FNAAS, National Professor and BP Pal Chair in Genetics and Plant Breeding, *NRC on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi 110012*; 148 DDA SFS Flats, Sector 5, Pocket 1, Dwarka, New Delhi 110075 [Tel (011) 2584-1186 (O), 2808-1376 (R); Fax 2584-3914; Email nksingh@nrpcb.org, nksingh4@gmail.com]; **SC: X.**



**2010: SINGH, Narpinder** (b 1962), PhD, Sp: Food Science and Technology; FRSC, FAACC, FNA, FNASc, FNAAS, FAFST(I), FPAS, Vice Chancellor, *Graphic Era Deemed to be University, Bell Road, Clement Town, Dehradun 248002, Uttarakhand*; [Tel (0135) 264-2799 (O), 94647-77980 (M); Fax 225-8820; Email narpinders@yahoo.com]; **Medal: INSA Young Scientist (1993); Professor KS Bilgrami Memorial (2021); SC: X.**



**1988: SINGH, Nirmal Tej** (b 1933), PhD, Sp: Soil Science; FNAAS, formerly Director, CSSRI, Karnal; *125D Kitchlu Nagar, Ludhiana 141001* [Tel (0161) 470-188 (R)]; INSA Senior Scientist (1994-98); **Council: Mem Jan-Oct 2009; SC: X.**



**1990: SINGH, Pawan Kumar** (b 1945), PhD, Sp: Plant Sciences, Microbiology, Algology, Sustainable Agriculture, Research Management; FNAAS, INSA Emeritus Scientist, Department of Botany, BHU, Varanasi, formerly Vice Chancellor, CSAUA&T, Kanpur; Joint Director (Research) & Project Director & Director, IARI, New Delhi; Joint Director & Director, CRRI, Cuttack; *House No B3/22, Shivala, Post Shivala, Varanasi 221001* [Tel 94-157-14584 (M); Fax 670-1124; Email pksalgae@yahoo.co.in]; INSA Senior Scientist (2011-15), INSA Honorary Scientist (2016-19); **Council: Mem 2010-2011; SC: VI.**





**2021: SINGH, Pradhyumna Kumar** (b 1968), PhD, Sp: Crop Genetic Engineering; Senior Principal Scientist, *Plant Molecular Biology and Biotechnology Division, CSIR-National Botanical Research Institute (NBRI), Rana Pratap Marg, Lucknow 226001, Uttar Pradesh*; 631/13, Navneet Vihar, Sector 9, Indira Nagar, Lucknow 226006, Uttar Pradesh [Tel (0552) 2297942 (O), 70-808-44111 (M); Email pksingh@nbri.res.in]; **SC: X**.



**1997: SINGH, Randhir** (b 1944), PhD, Sp: Plant Biochemistry & Biotechnology; FASc, FNASc, FNAAS, Director General, *Doon Valley Group of Institutes, Sector 17, Near Fire Brigade Station, Outside Jundla Gate, Karnal 132001, Haryana* and former Dean, College of Basic Sciences & Humanities, CCS Haryana Agricultural University, Hisar; 1717, Sector 3, Urban Estate, Kurukshetra [Tel (0184) 227-0060/61 (O), 82-954-21000 (M); Fax 225-4670; Email randhirbiotech@yahoo.com]; **Medal:** KS Bilgrami Memorial (2001); **Council:** Mem 2008-09; **SC: X**.



**1992: SINGH, Rangil** (b 1935), PhD, Sp: Plant Biochemistry (Metabolism of Carbohydrates and their Bio-regulation during Growth and Development of Cereals, Legumes, Forages and other Commercial Crops); FNAAS, formerly Head of Biochemistry Department, College of Basic Sciences & Humanities, PAU, Ludhiana and Director Research, SKUAST, Jammu; 75/2, *Trikuta Nagar, Jammu 180012* [Tel (0191) 247-7013 (R), 94-191-83562 (M)]; INSA Senior Scientist (1996-2000); **SC: X**.



**1991: SINGH, Rishi Narain** (b 1943), PhD, Sp: Geophysics, Geophysical, Environmental and Earth System Modelling; FASc, Visiting Professor (Earth Science), *Indian Institute of Technology Gandhinagar, Palaj, Gandhinagar 382355*; formerly Scientist-in-Charge, CMMACS, Bengaluru and Director, NEERI, Nagpur; HB 9-202, IIT Gandhinagar, Gandhinagar 382355 [Tel 93-463-52339 (M); Email rishiprema@gmail.com, rnsingh@iitgn.ac.in]; INSA Senior Scientist (2010-15); **Council:** Mem 2000-2002; **SC: IV**.



**1991: SINGH, Sarva Jit** (b 1939), PhD, Sp: Theoretical Seismology & Applied Mathematics; FASc, FNASc, Professor Emeritus, Department of Mathematics, Maharshi Dayanand University, Rohtak, Haryana; 22A, *Navyug Adarsh Apartments, F Block, Vikaspuri, New Delhi 110018* [Tel (011) 2854-9222 (R), 93-122-50454 (M); Email s\_j\_singh@yahoo.com]; INSA Honorary Scientist (2009-15); **SC: I**.



**1996: SINGH, Sita Ram** (b 1942), PhD, Sp: Soil and Water Engineering, Irrigation and Drainage Engineering, Ground Water Modelling; FNAE, FNAAS, formerly Vice Chancellor, RAU, Pusa, Director, ICAR Research Complex for Eastern Region, Patna; Director, Water Technology Centre for Eastern Region, Bhubaneswar; Senior Research Engineer cum Head, Dept. of Soil & Water Engg, PAU Ludhiana; *House No 561, Sector 2, Udyan II, ELDECO Colony, Rae Bareilly Road, Lucknow 226025* [Tel 99-356-31990 (M); Email strmsingh@yahoo.com]; INSA Senior Scientist (2008-13), INSA Honorary Scientist (2013-15); **SC: X**.

**2019: SINGH, Sunil Kumar** (b 1971), PhD, Sp: Low Temperature Geochemistry, Earth Surface Processes and Biogeochemistry of Trace Elements and Isotopes in Ocean; FASc, FNASc, Director, *CSIR-National Institute of Oceanography, Dona Paula 403004, Goa*; Director Bungalow, CSIR-National Institute of Oceanography, Dona Paula 403004, Goa [Tel (0832) 245-0200/201 (O), 96-070-17855 (M); Fax 245-0602; Email sunil@nio.org]; **Council:** Mem 2023-; **SC: IV.**



**2003: SINGH, Surendra Pratap** (b 1945), PhD, Sp: Ecology, Ecosystem Services, Himalayan Tree Lines and Climate Change; INSA Senior Scientist, formerly Professor and Head, Department of Botany, Kumaun University, Nainital and VC, HN Bahuguna Garhwal University, Srinagar; Advisor, Planning Commission, Uttarakhand State; Chair of Excellence in Ecology and Biodiversity, FRI, Dehradun; *New Vasant Vihar Enclave Lane, Opposite Poly Kids School, Dehradun 248006* [Tel 97-587-65300 (M); Email surps@yahoo.com, spsecology@gmail.com]; **Council:** Mem 2012-14; **SC: VI.**



**2001: SINGH, Tej Pal** (b 1944), PhD, DSc (bc), Sp: Structural Biology, X-ray Crystallography, Protein Structures, Peptide Design and Drug Discovery; FASc, FNASc, FTWAS, Honorary Distinguished Professor (life-long, UoM), G N Ramachandran Chair Professor (2023-26, SRM), G N Ramachandran Chair Professor (2023-25, MG University), SERB Distinguished Fellow, *Department of Biophysics, All India Institute of Medical Sciences, New Delhi 110029*; 163, City View Apartments, Plot 119, Sector 35, NOIDA 201301 [Tel (011) 2086-3675 (O), (0120) 316-9664 (R), 93-122-49508, 99-538-30047 (M); Email tpsingh.aiims@gmail.com]; **Medal:** Professor GN Ramachandran 60th Birthday Commemoration (2006); **Lecture:** JL Nehru Birth Centenary (2011); INSA Senior Scientist (2014-19); **Council:** VP 2007-09; Editor-in-Chief, *Proceeding of the Indian National Science Academy* (2011-13); **SC: VIII.**



**2011: SINGH, Vinod Kumar** (b 1959), PhD, Sp: Organic Chemistry; FASc, FNASc, FTWAS, Professor, *Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur 208016* [Tel (0512) 259-7291/7577 (O), 259-8429 (R), 99-811-44455 (M); Email vinodks@iitk.ac.in; Web <http://home.iitk.ac.in/~vinodks/>]; **Medal:** Professor Subramania Ranganathan Memorial (2018); **Council:** Mem 2014-16; **SC: III.**



**1975: SINGH, Virendra** (b 1938), PhD, Sp: Theoretical Physics, High Energy Physics, Foundation of Quantum Mechanics, History and Philosophy of Science; FASc, FNASc, FTWAS, formerly Professor of Eminence and Director, TIFR, Mumbai 400005; *51, New Cosmos, Juhu-Versova Link Road, Andheri (W), Mumbai 400053* [Tel 31886052 (R); Email vsingh1937@gmail.com, vsingh@theory.tifr.res.in; Web <http://www.theory.tifr.res.in>]; **Professorship:** INSA-CV Raman Research Professor (2003-08); **SC: II.**



**2004: SINGH, Vishwakarma** (b 1951), PhD, Sp: Organic Chemistry; Former Professor, *Department of Chemistry, Indian Institute of Technology, Bombay, Mumbai*; Residential Address: C-7, Vrindavan States, Pashabhai Park, Race Course Road, Vadodara 390007 [Tel 99-209-20144 (M); Email vks@chem.iitb.ac.in]; **SC: III.**





**2009: SINGH, Yadvinder** (b 1951), PhD, Sp: Soil Science; FNAAS, *Department of Soil Science, Punjab Agricultural University, Ludhiana 141004*; formerly Head, Department of Soils, PAU, Ludhiana; 23, Professor Colony, Near Agar Nagar A, Ludhiana 141012 [Tel (0161) 240-1960 Ext 317 (O), 98-722-18185 (M), Fax 240-0945; Email yadvinder16@rediffmail.com]; **Medal:** Professor KS Bilgrami Memorial (2015); INSA Senior Scientist (2011-15), INSA Honorary Scientist (2016-19, 2020-22); **SC: X**.



**2006: SINGH, Yashwant** (b 1944), DPhil, Sp: Condensed Matter Theory, Theoretical Biology; FASc, FNASc, Distinguished Professor, *Department of Physics, Banaras Hindu University, Varanasi 221005*; N-8/236, R-54, Ganesh Dham Colony, Nevada, Varanasi 221005 [Tel (0542) 670-1562 (O), 94-159-91459 (M); Fax 236-8174, 236-9889; Email ysingh@bhu.ac.in, singh.yas44@gmail.com]; INSA Senior Scientist (2014-17, 2018-19); **Council:** Mem 2018-20; **SC: II**.



**2013: SINGH, Yogendra** (b 1957), PhD, Sp: Bacterial Pathogenesis, Bacterial Protein Toxins, Signal Transduction in Bacteria; FASc, FNASc, Director (Hon) Delhi School of Public Health, Institution of Eminence, *University of Delhi, Delhi 110007*; BA-11, Shalimar Bagh (West), Delhi 110088 [Tel 98-710-95673 (M); Email ysinghdu@gmail.com]; **SC: IX**.



**2022: SINGHAL, Rekha Satishchandra** (b 1962), PhD, Sp: Food/Bioprocesses-Science and Technology; Professor of Food Technology, Food Engineering and Technology Department, Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai 400019; G-13, Natraj Society, Panchpakhadi, Thane 400602 [Tel (022) 3361-2501 (O), 83-699-27491 (M); Email rs.singhal@ictmumbai.edu.in, rsinghal7@rediffmail.com]; **SC: X**.



**1989: SINGHI, Navin Kumar Madhavprasad** (b 1949), PhD, Sp: Discrete Mathematics & Computer Science; FASc, 1601 Montreal Tower, Shastri Nagar, Lokhandwala, Andheri (West), Mumbai 400053 [Tel 93-241-11460 (R); Email niknavin@gmail.com]; **Medal:** INSA Young Scientist (1977); **SC: I**.



**2000: SINGHVI, Ashok Kumar** (b 1950), PhD, Sp: Quaternary Climates and Geochronology, Radiation Effects and Dosimetry; FASc, FNASc, FTWAS, Vice-President, INQUA (2015-19); DST-SERB Year of Science Chair Professor, AMOPH Division, Physical Research Laboratory, Navrangpura, Ahmedabad 380009; *B-31, Shakti Enclave, Satya Marg, Bodakdev, Ahmedabad 380054* [Tel (079) 4029-9639 (R), 90-990-61962 (M); Email 2akspr11@gmail.com]; **Medal:** Professor K Naha Memorial (2007), **Medal:** SK Mitra Memorial Lecture (2021); **Council:** Mem 2006-08, VP 2018-20; **SC: IV**.



**2020: SINGLA-PAREEK, Sneha Lata** (b 1969), PhD, Sp: Plant Stress Biology and Crop Biotechnology; FNASc, Group Leader & National Officer, *Plant Stress Biology, International Centre for Genetic Engineering and Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi 110067*; B-533, Paschimabad Multistorey, Jawaharlal Nehru University, New Delhi 110067 [Tel (011) 2674-1358 Ext 363 (O), 2674-1558 (R), 98-103-41386 (M); Email sneha@icgeb.res.in, snehpareek@gmail.com]; **SC: VII**.



**2019: SINHA, Alok Krishna** (*b* 1969), PhD, Sp: Plant Physiology and Molecular Biology; FASc, FNASc, Staff Scientist VII, *National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067*; H-VB-D1-002, NIPGR Campus, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 2673-5188 (O), 98-684-74090 (M); Fax 2674-1658; Email alok@nipgr.ac.in, alokksinha@yahoo.com]; **SC: VII.**



**1994: SINHA, Kalyan Bidhan** (*b* 1944), PhD, Sp: Spectral Theory & Non-Commutative Geometry & Stochastic Processes; FASc, FTWAS, INSA Senior Scientist, Honorary Professor, *Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bengaluru 560064*; Distinguished Associate, IISc, Bengaluru; formerly Distinguished Scientist and Director, ISI; formerly Bhatnagar Fellow of CSIR and SERB-Distinguished Fellow [Tel (080) 2208-2997 (O), 99-001-44612 (M); Fax 2362-2762; Email kbs\_jaya@yahoo.co.in, kbs@jncasr.ac.in]; **Medal:** Srinivasa Ramanujan (2019); **Lecture:** Professor VV Narlikar Memorial (2009); **Council:** Mem 2003-05; **SC: I.**



**2009: SINHA, Somdatta** (*b* 1951), PhD, Sp: Theoretical and Computational Biology, Complex Systems; FASc, FNASc, INSA Honorary Senior Scientist, *Indian Institute of Science Education and Research (IISER) Kolkata, Mohanpur, Dist. Nadia, West Bengal* [Tel 89-687-44849 (M); Email somdattasinha@iiserkol.ac.in, somdattasinha@gmail.com]; **SC: VIII.**



**2007: SINHA, Subrata** (*b* 1958), MD PhD, Sp: Molecular Medicine, Oncology (Glioma) and Immunology; FNASc, FASc, FAMS, Professor and Head, *Department of Biochemistry, All India Institute of Medical Sciences, New Delhi 110029*; H1/3 Hauz Khas, New Delhi 110016 [Tel (011) 2659-4483 (O), 2696-6586 (R), 98-119-01376 (M); Fax 2658-8641; Email sub\_sinha@hotmail.com, sub\_sinha2004@yahoo.co.in]; **Lecture:** Professor Vishwa Nath Memorial (2015); INSA Distinguished Lecture Fellow (2023); **Council:** VP 2020-22; **SC: IX.**



**2015: SINHA, Sudeshna** (*b* 1962), PhD, Sp: Nonlinear Dynamics, Chaos and Complex Systems; FASc, FTWAS, Professor, *Indian Institute of Science Education and Research (IISER) Mohali, Knowledge City, Sector-81, SAS Nagar, Manauli P.O. 140306* [Tel (0172) 224-0266 (O), 99-156-62755 (M); Email sudeshna@iisermohali.ac.in]; **Council:** Mem 2022-; **SC: II.**



**1992: SINHA, Vishwa Raman Prasad** (*b* 1938), PhD, Sp: Fish Biology, Reproductive Physiology & Aquatic Productivity Management and Fisheries Research Management; FNASc, FNAAS, formerly Director and founder VC, CIFE, Mumbai, formerly Consultant to the World Bank & UN/FAO, presently President of Pillay Aquaculture Foundation (International), Pittsburgh, USA; *1895 Pioneer Drive, Sewickley, PA 15143, USA* [Tel (001) 412-596-3902; Email vishwaraman@hotmail.com, drvrrpsinha@yahoo.com; Web www.drvrrpsinha.net]; **SC: X.**





**2013: SIVA RAM MURTHY, Chebiyyam** (b 1960), PhD, Sp: Computer Science (Parallel and Distributed Computing, Real-Time Systems, Computer Networks); FNASc, FNAE, FIEEE, FTWAS, Richard Karp Institute Chair Professor, *Department of Computer Science and Engineering, Indian Institute of Technology Madras, Chennai 600036*; *Currently, Visiting Professor of Computer Science at the Indian Institute of Technology Hyderabad, Telangana 502284*; No. 16A2, Faculty Tower # 3, IIT Hyderabad, Kandi, Sangareddy, Telangana 502284; [Tel (040) 2301-6375 (O), 2301-7375 (R), 94-444-98619 (M); Fax 2301-6000; Email [murthy@iitm.ac.in](mailto:murthy@iitm.ac.in)]; **Medal:** INSA Young Scientist (1991); **SC: V.**



**2020: SIVAN, Kailasavadivoo** (b 1957), PhD, DSc (*hc*), Sp: Aerospace Engineering, Space Transportation Systems Engineering; Vikram Sarabhai Distinguished Professor DOS/ISRO, ISRO Headquarters, 3rd Floor, Room No. 331, *Antarikshn Bhavan, New BEL Road, Bengaluru 560231*; “VYOMA”, 485/1, 80 Feet Road, R.T. Nagar, Bengaluru 560032 [Tel (080) 2341-0013, 94-477-76671 (M); Email [sivan@isro.gov.in](mailto:sivan@isro.gov.in)]; **NC.**



**1998: SIVARAM, Swaminathan** (b 1946), PhD, DSc (*hc*, Purdue), Sp: Polymer Science; FASc, FNASc, FNAE, FTWAS, INSA Emeritus Scientist and Honorary Professor, *Indian Institute of Science Education and Research, Dr. Homi Bhabha Road, Pune 411008*; Apt 10, Gulmohar Glory, 5, Gulmohar Park, ITI Road, Aundh, Pune 411007 [Tel (020) 2590-8434 (O), 98-607-99954 (M); Email [s.sivaram@iiserpune.ac.in](mailto:s.sivaram@iiserpune.ac.in), [sivaramswaminathan01@gmail.com](mailto:sivaramswaminathan01@gmail.com); Web <http://www.swaminathansivaram.in>]; **Medal:** Vishwakarma (2003); **Council:** VP 2004-06; **SC: V.**



**2012: SOBTI, Ranbir Chander** (b 1948), PhD, DSc, Sp: Cell Biology, Molecular Genetics Cytogenetics, Animals and Humans; FNASc, FNAAS, FAMS, FTWAS, INSA Honorary Scientist, *Department of Biotechnology, Panjab University, Chandigarh 160014*; formerly Vice-Chancellor, Babasaheb Bhimrao Ambedkar University, Lucknow and Panjab University, Chandigarh; Past President, Indian Science Congress Association [Tel (0172) 266-0177 (R), 94-638-00523 (M); Email [rsobti@pu.ac.in](mailto:rsobti@pu.ac.in)]; **Medal:** INSA Young Scientist (1977); **Council:** Ad Mem 2014, 2015; **SC: VII.**



**1978: SODHA, Mahendra Singh** (b 1932), DPhil, Sp: Plasmas, Optics & Energy; FNASc, Visiting Professor in Physics and Education, Department of Education Building, Lucknow University, Lucknow 226007; formerly VC, Indore, Lucknow and Bhopal Universities; *B113, Nirala Nagar, Lucknow 226020* [Tel (0522) 278-8033 (R), 98-397-05081 (M); Email [msodha@rediffmail.com](mailto:msodha@rediffmail.com)]; **SC: II.**



**2009: SOMASUNDARAM, Kumaravel** (b 1962), PhD, Sp: Cancer Biology, Virology, Genetics; FASc, FNASc, FAMS Professor and Chair, *Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru 560012* [Tel (080) 2360-7171 (O), 2293-2973 (Lab); Fax 2360-2697; Email [skumar1@iisc.ac.in](mailto:skumar1@iisc.ac.in), [ksomasundaram1@gmail.com](mailto:ksomasundaram1@gmail.com)]; **Medal:** Professor BS Trivedi Memorial (2017); **SC: IX.**

**2009: SONTI, Ramesh Venkata** (*b* 1960), PhD, Sp: Pathogen-plant Interactions; FASc, FNASc, FNAAS, Director, *International Centre for Genetic Engineering & Biotechnology (ICGEB)*, Aruna Asaf Ali Marg, New Delhi 110067 [Tel (011) 94-410-55295 (M); Email [icgeb.director@gmail.com](mailto:icgeb.director@gmail.com), [rameshvsonti@gmail.com](mailto:rameshvsonti@gmail.com)]; **Council:** Mem 2018-20; **SC: X.**



**1996: SOOD, Ajay Kumar** (*b* 1951), PhD, Sp: Condensed Matter Physics; FASc, FNASc, FTWAS, FRS, Principal Scientific Advisor to the Government of India, National Science Chair Professor, *Department of Physics, Indian Institute of Science, Bengaluru 560012*; B-805, Hoysala Samruddhi Apartments, 1st Main Road, Talacauvery Layout, Amruthahalli, Byatarayanapura, Bengaluru 560092 [Tel (080) 2360-2238, 2293-2964, (011) 2302-2112 (O); Fax 2360-2602; Email [office-psa@nic.in](mailto:office-psa@nic.in), [asood@iisc.ac.in](mailto:asood@iisc.ac.in), [asood1951@gmail.com](mailto:asood1951@gmail.com); Web <http://www.physics.iisc.ernet.in/~asood>]; **Medal:** HJ Bhabha (2002); **Lecture:** Professor KR Rao Memorial (2000); **Council:** VP 2008-10, Pres 2017-19; **SC: II.**



**1994: SOPORY, Sudhir Kumar** (*b* 1948), PhD, Sp: Molecular Plant Physiology; FASc, FNASc, FNAAS, FTWAS, SERB Distinguished Fellow and Senior Emeritus Scientist, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067; *House No 584, Sector 14, Faridabad 121007, Haryana* [Tel (0129) 414-3755 (R), 98-114-31741 (M); Email [sopory@hotmail.com](mailto:sopory@hotmail.com)]; **Lecture:** Professor Panchanan Maheshwari Memorial (2000), SK Mitra Memorial (2012), JL Nehru Birth Centenary (2014); **Council:** VP 2004-06; **SC: VII.**



**2011: SOWDHAMINI, Ramanathan** (*b* 1964), PhD, Sp: Structural Bioinformatics, Protein Sequence Analysis, Genome Analysis, Function Prediction; FASc, Associate Professor, *National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bengaluru 560065*; C3, Mallige Apartments, National Centre for Biological Sciences, TIFR, UAS-GKVK Campus, Bellary Road, Bengaluru 560065 [Tel (080) 2366-6001, 2366-6250 (O), 2366-6473 (R); Email [mini@ncbs.res.in](mailto:mini@ncbs.res.in); Web <http://caps.ncbs.res.in>]; **Lecture:** Professor Darshan Ranganathan Memorial (2022); **SC: VIII.**



**1992: SRIDHARAN, Asuri** (*b* 1937), PhD (Purdue), DSc (IISc), Sp: Engineering, Properties of Clays; FASc, FNAE, Distinguished Alumni of Purdue University and Indian Institute of Science, Professor Emeritus, Department of Civil Engg., Indian Institute of Science, Bengaluru 560012; formerly Dy Director & Advisor, IISc; *"Saptagiri" Na. 40, West Park Road, between 13th & 14th Cross, Malleswaram, Bengaluru 560003* [Tel (080) 2334-1046 (R), 98-458-06379 (M); Email [sridharanasuri@yahoo.com](mailto:sridharanasuri@yahoo.com), [sridharanasuri1937@gmail.com](mailto:sridharanasuri1937@gmail.com)]; **Medal:** PC Mahalanobis (2005); INSA Senior Scientist (2003-07), INSA Honorary Scientist (2009-15); **Council:** Mem 2009-11; **SC: V.**



**1980: SRIDHARAN, Ramaiyengar** (*b* 1935), PhD, Sp: Algebra; FASc, Adjunct Professor, *Chennai Mathematical Institute, H1, Sipoot IT Park, Siruseri, Kelambakkam 603103* [Email [rsridhar@cmi.ac.in](mailto:rsridhar@cmi.ac.in)]; INSA Senior Scientist (2003-05); **Council:** Mem 1990-92; **SC: I.**





**1994: SRIMAL, Rikhab Chand** (*b* 1937), MD, Sp: Pharmacology, Natural Products & Toxicology; FNASc, FAMS, formerly Director, IITR, Lucknow; *B-4, Sarita Vihar, New Delhi 110076* [Tel (011) 4140-2719 (R), 98-991-93701 (M); Email [rksrimal@yahoo.com](mailto:rksrimal@yahoo.com), [rksrimal@hotmail.com](mailto:rksrimal@hotmail.com)]; **SC: IX.**



**2023: SRINIVAS, Mandyam Doddamane** (*b* 1950), PhD, Sp: Theoretical Physics, History and Philosophy of Science; Senior Fellow and Chairman, *Centre for Policy Studies, 11/12, Ashok Nandavanam, Manickam Nagar, Kundrathur, Chennai 600090*; Flat 1, RAPAS Apartment, Old No. 31, New No. 57, Rukmini Road, Besantnagar, Chennai 600090 [Tel 94-440-94352 (M); Email [mdsrinivas50@gmail.com](mailto:mdsrinivas50@gmail.com)]; **NC**



**2009: SRINIVAS, Vasudevan** (*b* 1958), PhD, Sp: Algebra, Algebraic Geometry; FASc, FNASc, FTWAS, Distinguished Professor, *School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400005*; 601 Satyendra, TIFR Colony, Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2217 (O), 2280-4966 (R); Fax 2280-4610/11; Email [srinivas@math.tifr.res.in](mailto:srinivas@math.tifr.res.in)]; **Medal: INSA Young Scientist (1987); SC: I.**



**1999: SRINIVASAN, Jayaraman** (*b* 1947), PhD, Sp: Climate Science; FASc, FNAE, Distinguished Scientist, Divecha Centre for Climate Change, *Indian Institute of Science, Bengaluru 560012*; 004, Chandrika Apartments, 64, East Park Road, Malleswaram, Bengaluru 560003 [Tel (080) 2293-3068 (O), 2331-4998 (R); Fax 2360-0865; Email [jayes@iisc.ac.in](mailto:jayes@iisc.ac.in)]; **SC: IV.**



**1995: SRINIVASAN, Mandayam Chakravarti** (*b* 1935), PhD, Sp: Mycology, Industrial Microbiology & Enzyme Technology; formerly Emeritus Scientist, Biochemical Sciences Division, NCL, Pune; *Row House No. 17, "Planet Millennium", Pimple Saudagar, Pune 411027* [Tel 98-231-42469 (M); Email [mcsaroja@gmail.com](mailto:mcsaroja@gmail.com), [srinivasanmc@gmail.com](mailto:srinivasanmc@gmail.com)]; **SC: VII.**



**1996: SRINIVASAN, Ramaswamiah** (*b* 1943), PhD, Sp: Precambrian Geology, Sedimentation & Structure; FASc, FNASc, Visiting Professor, Divecha Centre for Climate Change, Indian Institute of Science, Bengaluru 560012; formerly Scientist F, NGRI, Hyderabad; *No. 114, Kshibhija, Ramanashree Nagar, Bannerghatta Road Post, Bengaluru 560076* [Tel 96-323-19090 (M); Email [srinimalu@gmail.com](mailto:srinimalu@gmail.com)]; INSA Senior Scientist (2013-16); **SC: IV.**

**2022: SRIRAM, Mayasandra Subrahmanya** (*b* 1950), PhD, Sp: History of Indian Astronomy & Mathematics; President, Prof. K. V. Sarma Research Foundation, Chennai; *B 27 (Chola), 7 D, Delhi Avenue, IIT Madras, Chennai 600036* [Tel (044) 2445-2508 (O), 2257-6869 (R), 98-845-62353 (M); Email [sriram.physics@gmail.com](mailto:sriram.physics@gmail.com)], **SC: NC.**



**1987: SRIVASTAVA, Chandra Mani** (*b* 1932), PhD, DIC (Lond), Sp: Ferro-magnetic Relaxation & Superconductivity; FNASc, Professor Emeritus, Department of Physics, Indian Institute of Technology Bombay, Powai, Mumbai 400076; formerly Professor of Physics & Head, Advanced Ctr for Research in Electronics & Materials Science, IIT, Mumbai; *604, Prerana, Opposite IIT Main Gate, Powai, Mumbai 400076* [Tel (022) 2572-2545, 2572-6530 (O), 2578-7127 (R); Email [srivascm@iitb.ac.in](mailto:srivascm@iitb.ac.in)]; **SC: II.**



**2012: SRIVASTAVA, Deepak Chandra** (*b* 1956), PhD, Sp: Structural Geology, Precambrian Geology and Fluid-inclusions; FASc, FNASc, JC Bose National Fellow, Professor (Emeritus), *Department of Earth Sciences, Indian Institute of Technology, Roorkee 247667*; 205/4, Saraswati Kunj, IIT, Roorkee 247667 [Tel (01332) 285-558 (O), 285-112 (R), 94-563-81281 (M) 97-600-47667 (WhatsApp); Email [deepak.srivastava@es.iitr.ac.in](mailto:deepak.srivastava@es.iitr.ac.in)]; **SC: IV.**



**2016: SRIVASTAVA, Dinesh Kumar** (*b* 1952), PhD, Sp: Theoretical Nuclear Physics and Science Communication; FNASc, INSA Senior Scientist and Honorary Visiting Professor and Former Homi Bhabha Chair Professor, National Institute of Advanced Studies Bengaluru; Honorary Professor, Amity University Noida; Former Emeritus Professor, *Homi Bhabha National Institute (Deemed University), Mumbai*; former DAE Raja Ramanna Fellow, former Director & Distinguished Scientist, Variable Energy Cyclotron Centre, Kolkata; 26 Krishna Gardenia Apartments, 559 Fifth Main Road, RMV Extension Stage II, Dollars Colony, Bengaluru 560094 [Tel 98-361-76868 (M) 080-2218-5133; Email [dinesh.srivastava@nias.res.in](mailto:dinesh.srivastava@nias.res.in), [srivastava.dinesh.kumar@gmail.com](mailto:srivastava.dinesh.kumar@gmail.com)]; **SC: II.**



**2021: SRIVASTAVA, MV Padma** (*b* 1965), MD, DM, Sp: Medicine (Neurology); FRCP (Edin), FAMS, FNASc, FIAN, Professor and Head, *Department of Neurology, Chief, Neurosciences Center, AIIMS, New Delhi 110029*; Hon. Professor, UCLAN, UK; C1/9 AIIMS, Campus [Tel (011) 26594794, 98-683-98261 (M) ; Fax 26588022; Email [vasanthpadma123@gmail.com](mailto:vasanthpadma123@gmail.com)]; **Oration:** Anandibai Joshee (2022); **SC: IX.**



**2023: SRIVASTAVA, Pradeep** (*b* 1971), PhD, Sp: Geology, Associate Professor, Department of Earth Sciences, Indian Institute of Technology Roorkee, *Roorkee 247 667*; 215/2 Saraswati Kunj, Indian Institute of Technology Roorkee, Roorkee 247 667 [Tel (0135) 252-5351 (O); 94-120-58165 (M); Email [pradeepsrivastava71@gmail.com](mailto:pradeepsrivastava71@gmail.com), [pradeep@es.iitr.ac.in](mailto:pradeep@es.iitr.ac.in)]; **SC: IV.**





**2023: SRIVASTAVA, Rajesh K** (*b* 1961), PhD, Sp: Igneous Petrology, Geochemistry, Precambrian Tectonics, Supercontinent Reconstructions and Planetary Geoscience, FASc, FNASc, Professor & Former Head, Centre of Advanced Study, Department of Geology, Institute of Science, *Banaras Hindu University 221005; 2021, Block-B, KBN Lion Enclave, Sunderpur, Varanasi 221005* [Tel 94-158-12079, +91 9415812079 (M); Email [rajeshgeolbhu@bhu.ac.in](mailto:rajeshgeolbhu@bhu.ac.in), [rajeshgeolbhu@gmail.com](mailto:rajeshgeolbhu@gmail.com)]; **Member:** IUGS Task Group on Igneous Rocks (TGIR); <https://scholar.google.ca/citations?user=1zzjgssAAAAJ&hl=en>; [https://www.researchgate.net/profile/Rajesh\\_Srivastava7](https://www.researchgate.net/profile/Rajesh_Srivastava7); **SC: IV.**



**1987: SUBBA RAO, Ganugapati Sree Rama** (*b* 1937), PhD (Manchester), DSc (Andhra), Sp: Organic Chemistry; FASc, Department of Organic Chemistry, *Indian Institute of Science, Bengaluru 560012; 22914, Wrencrest Drive, Calabasas, CA 91302, USA, Flat HA-504, Nagarjuna Residency, NCC Urban, Gachibowli, Hyderabad 500032, Telangana*: [Tel (080) 2293-2403 (O), 2346-6430 (R), +1 818 585 6875 (M); +91 98863 10603; Fax 2360-0529; Email [grrs@iisc.ac.in](mailto:grrs@iisc.ac.in), [grrsrao@gmail.com](mailto:grrsrao@gmail.com), [grrsrao@yahoo.com](mailto:grrsrao@yahoo.com)]; **Medal:** Professor TR Seshadri 70th Birthday Commemoration (1997), Golden Jubilee Commemoration (ChemSc) (2004); INSA Senior Scientist (2003-07), INSA Honorary Scientist (2010-15); **Council:** Mem 2001-03; **SC: III.**



**1983: SUBBA RAO, Nanjappa Shamanna** (*b* 1926), PhD, Sp: Soil Microbiology & Biofertilizers; FNAAS, formerly Project Director, IARI, New Delhi; *Apt 201, Block I, Jain Prakriti Apts, 63, Kanakapura Main Road, 7th Block, Jayanagar, Bengaluru 560070* [Tel (080) 2693-2702 (R)]; INSA Senior Scientist (1997-99); **SC: X.**



**1995: SUBBA RAO, Pillarisetti V** (*b* 1937), PhD, Sp: Biochemistry, Immunology, Biotechnology; formerly President Research, Bigtec Private Limited, Bengaluru; *890 N California Ave, Palo Alto, CA-94303* [Tel (+1) (650) 289-8722 (R); Email [pvsrao@gmail.com](mailto:pvsrao@gmail.com)]; **SC: VIII.**



**1978: SUBBARAO, Eleswarapu Chinna** (*b* 1928), MS, PhD, Sp: Materials Science, R&D Management; FASc, FNAE, *Daamini, 6 Pallod Farms, Baner Road, Pune 411045* [Email [ecsubbarao@gmail.com](mailto:ecsubbarao@gmail.com)]; **Lecture:** INSA Prize for Materials Science (1995); **Council:** Mem 1982-84; **SC: V.**



**1995: SUBBARAO, Sarala Karumuri** (*b* 1943), PhD, Sp: Insect Genetics, Cyto and Molecular genetics, Molecular Epidemiology, Transmission Dynamics and Control of Vector-borne Diseases with Special Interest in Malaria, Dengue, Chikungunya and Zika; FNASc, formerly Director, National Institute of Malaria Research – Indian Council of Medical Research, New Delhi; formerly Consultant, Vector Borne Diseases Science Forum, Epidemiology and Communicable Diseases Division, Indian Council of Medical Research, New Delhi; *Apt. 704, Block 13, East End Apartments, Mayur Vihar Phase 1 Extension, Delhi 110096* [Tel (011) 4309-4675 (R), 98-106-05455 (M); Email [subbaraosk@gmail.com](mailto:subbaraosk@gmail.com)]; **SC: IX.**

**2020: SUBRAMANIAN, Kandaswamy** (*b* 1957), PhD, Sp: Astronomy and Astrophysics; FASc, FNASc, Emeritus Professor, *Inter University Centre for Astronomy & Astrophysics (IUCAA), Post Bag 4, Ganeshkhind, Pune 411007*; and Visiting Professor of Astrophysics, Department of Physics, Ashoka University, Sonapat 131029; Tel: +91-8007324440 (M); Email [kandu@iucaa.in](mailto:kandu@iucaa.in); [kandaswamy.subramanian@ashoka.edu.in](mailto:kandaswamy.subramanian@ashoka.edu.in); **SC: II.**



**1990: SUBRAMANIAN, Sankaran** (*b* 1942), PhD (Leicester), Sp: NMR, EPR, Theoretical Chemistry, Magnetic Resonance Imaging; FASc, Fellow of the International EPR Society, Fellow of the International Society of Magnetic Resonance, ISMAR, Adjunct Professor, *Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036* [Tel (044) 2257-4240 (O), 2243-0942 (R), 95-001-12796 (M); Email [subukannan@gmail.com](mailto:subukannan@gmail.com), [subukannan@iitm.ac.in](mailto:subukannan@iitm.ac.in)]; INSA Senior Scientist (2016-19); **SC: III.**



**1995: SUBRAMONIAM, Thanumalayaperumal** (*b* 1941), PhD, DSc, Sp: Invertebrate Reproductive Biology & Cryobiology; FAAS, FNASc, *INSA Honorary Scientist, Department of Zoology, University of Madras, Chennai-600025; 3/552, 3rd Cross Street, LP Nagar, Kottiwakkam, Chennai 600041* [Tel (044) 2450-3150-3155 (O), 2451-0560 (R); Fax 2450-2344; Email [tsbl71@hotmail.com](mailto:tsbl71@hotmail.com)]; **Medal:** Chandrakala Hora Memorial (2002); **Lecture:** Professor Har Swarup Memorial (2008); **SC: VI.**



**1968: SUKH DEV** (*b* 1923), PhD, DSc, DSc (*hc*), Sp: Organic Chemistry, Natural Products, Drug Discovery, Technology Development; FASc, FTWAS, *120, ISCON Mega City, Bhavnagar 364001, Gujarat* [Tel (0278) 649-9072 (R); Email [sdlala1924@gmail.com](mailto:sdlala1924@gmail.com)]; **Professorship:** INSA-SN Bose Research Professor (1988-93); **Medal:** Vishwakarma (1979), Professor TR Seshadri 70th Birthday Commemoration (1982), Meghnad Saha (1987); **Council:** Mem 1986-88; **SC: III.**



**1995: SUKHATME, Suhas Pandurang** (*b* 1938), SM, ScD, Sp: Heat Transfer & Energy; FASc, FNAE, Professor Emeritus, Mech Engg Department, Indian Institute of Technology Bombay, Powai, Mumbai 400076; *Flat 2A/8C Anjaneya Coop. Housing Society Ltd., Orchard Avenue, Opp Hiranandani School, Powai, Mumbai 400076* [Tel (022) 2570-1052 (R); Email [spsitb@yahoo.co.uk](mailto:spsitb@yahoo.co.uk)]; **Lecture:** DS Kothari Memorial (2005); **Council:** Mem 1998-2000; **SC: V.**



**2005: SUKUMAR, Raman** (*b* 1955), PhD, Sp: Ecology; FASc, FTWAS, Professor, *Centre for Ecological Sciences, TE-13, 3rd Floor, Biological Sciences Building, Indian Institute of Sciences, Bengaluru 560012*; FF-101, RP Orchards, 2nd Cross, KEB Layout, Sanjaynagar, Bengaluru 560094 [Tel (080) 2360-0382 (O), 4091-4760 (R); Fax 2360-2280; Email [rsuku@iisc.ac.in](mailto:rsuku@iisc.ac.in)]; **Medal:** Golden Jubilee Commemoration (Animal Sc) (2021); **SC: VI.**





**2013: SUNDAR, CS** (*b* 1952), PhD, Sp: Materials Science and Condensed Matter Physics, Positron Annihilation Spectroscopy; FASc, FNASc, Former JC Bose National Fellow and Director, *Material Science Group, Indira Gandhi Centre for Atomic Research, Kalpakkam 603102*; 3/33, Ramappa Nagar Main Road, Perungudi, Chennai 600 096 [Tel (044) 2748-0069 (O), 2748-1192 (R), 97-905-22807 (M); Fax 2748-0081; Email [css@igcar.gov.in](mailto:css@igcar.gov.in), [sundarcss@gmail.com](mailto:sundarcss@gmail.com)]; **SC: II.**



**2006: SUNDAR, Shyam** (*b* 1953), MD, Sp: Medicine, Infectious Diseases, Visceral Leishmaniasis, HIV Medicine; FASc, FNASc, FAMS, FRCP, FTWAS, Professor of Medicine, Institute of Medical Sciences, Banaras Hindu University, Varanasi 221005; 6, *SK Gupta Nagar, Lanka, Varanasi 221005* [Tel (0542) 236-7795 (R); Fax 236-7568; Email [drshyamsundar@hotmail.com](mailto:drshyamsundar@hotmail.com), [drshyamsundar@bhu.ac.in](mailto:drshyamsundar@bhu.ac.in)]; **Council: Mem 2012-14; SC: IX.**



**1996: SUNDARARAJAN, G** (*b* 1953), PhD, Sp: Surface Engineering & Deformation Behaviour; FASc, FNASc, FNAE, Professor, *Department of Metallurgical and Materials Engg, IIT Madras, Chennai 600036*; Flat No. 401, Lokeshwari Residency, 1-4-94, Snehanagar Colony, Street No 8, Habsiguda, Hyderabad 500007 [Tel (044) 2257-4759 (O); Fax 2257-4752; Email [gsundararajan@iitm.ac.in](mailto:gsundararajan@iitm.ac.in), [gsundar@arci.res.in](mailto:gsundar@arci.res.in)]; **Medal: INSA Young Scientist (1985); Lecture: INSA Prize for Materials Science (2007); Council: Mem 2012-14; SC: V.**



**2004: SUNDER, Viakalathur Shankar** (*b* 1952), PhD, Sp: Subfactors, Operator Algebras, Functional Analysis; FASc, FNASc, formerly Professor, *The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600113*; E1, Block III, Shivani Apts, 40 East Coast Road, Thiruvanniyur, Chennai 600041 [Tel (044) 2254-3210 (O), 2451-6082 (R); Fax 2254-1586; Email [sunder@imsc.res.in](mailto:sunder@imsc.res.in)]; **SC: I.**



**2010: SURAPPA, Mirle K** (*b* 1951), PhD, Sp: Material Processing, Solidification Processing of Metal Matrix Composites, Tribology of MMCs; FNAE, INSA Senior Scientist, *National Institute for Advanced Studies, Indian Institute of Science Campus, Bengaluru 560012* [Tel (080) 2293-2697 (O), 94-781-00300 (M); Email [mirle@iisc.ac.in](mailto:mirle@iisc.ac.in)]; **SC: V.**



**2018: SURESH, Byrana Nagappa** (*b* 1943), PhD Sp: Controls Systems, Actuation Systems, Simulation, Launch Vehicle, Design, System Engineering, Mission Planning and R & D Management; FNAE, FASI, FAeSI, MIAA (Paris), FSSI, International Member, NAE, USA, Chancellor, Indian Institute of Space Science and Technology, Thiruvananthapuram; Honorary Distinguished Professor, ISRO HQ, *Department of Space, Antriksh Bhavan, New BEL Road, Bengaluru 560231*; A-810, Mayflower, Brigade Millennium, JP Nagar, 7th Phase, Bengaluru 560078 [Tel (080) 2341-7294, 2217-2405 (O), 2696-2611 (R), 94-835-02002, 99-000-38502 (M); Fax 2341-5409; Email [byranasuresh@gmail.com](mailto:byranasuresh@gmail.com)]; **NC.**



**2010: SURESH, Kattera Appanna** (*b* 1948), PhD, Sp: Soft Condensed Matter (Physics of Liquid Crystals and Surface Science); FNASc, formerly Director, Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru; *No. 92, 4 Main Road, Amarajyothi Layout, Cholanagar, RT Nagar Post, Bengaluru 560032* [Tel 99-724-26358 (M); Email skattera@yahoo.com, skattera@gmail.com]; **SC: II.**



**2012: SURESH, Venapally** (*b* 1966), PhD, Sp: Algebra and Algebraic Geometry; FASc, Professor, *Department of Mathematics & Statistics, University of Hyderabad 500046*; 5-5-1025/102, Mallikarjuna Nagar North, LB Nagar, Hyderabad 500068 [Tel (040) 2301-1469 (O), 93-910-13585 (M); Fax 2301-1469; Email suresh.venapally@gmail.com]; **Medal:** INSA Young Scientist (1997); **SC: I.**



**1990: SUROLIA, Avadhesh** (*b* 1947), PhD, Sp: Protein Folding, Function & Design, Tuberculosis; FASc, FNASc, FTWAS, SERB Distinguished Fellow, Honorary Professor, *Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560012*; formerly Director, NII, New Delhi [Tel (080) 2293-2714, 2360-2763; Fax 2360-0535; Email surolia@iisc.ac.in]; **Medal:** INSA Young Scientist (1976), Professor GN Ramachandran 60th Birthday Commemoration (2000); **Lecture:** JL Nehru Birth Centenary (2008); **SC: VIII.**



**2017: SWAMINATHAN, Soumya** (*b* 1959), MBBS, MD, Sp: Clinical Medical Sciences; FASc, FNASc, FAMS, Chairperson, **MS Swaminathan Research Foundation, Chennai** [Email doctorsoumya@mssrf.res.in, doctorsoumya@yahoo.com]; **SC: IX.**



**2003: SWARUP, Ghanshyam** (*b* 1953), PhD, Sp: Molecular and Cell Biology, Molecular Basis of Disease, Cell Signalling, Membrane Vesicle Trafficking; FASc; INSA Senior Scientist, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; Flat No. 401, South Asian Casita, Plot no. 850, Defence Colony, Sainikpuri, Hyderabad 500094 [Tel (040) 2719-2616, 2716-0222 Ext 2616 (O), 9989133201 (M); Fax 2716-0311; Email gshyam@ccmb.res.in; Web <http://www.ccmb.res.in>]; INSA Senior Scientist (2016-18; 2021-present); **SC: VIII.**



**2018: TAHSEEN, Qudsia** (*b* 1964), PhD, Sp: Taxonomy and Biology of Fresh water and Soil-Inhabiting Nematodes; FASc, FNASc, Professor, *Department of Zoology, Aligarh Muslim University, Aligarh 202002*; 4/153N, Shibli Bagh, Hamdard Nagar, Jamalpur, Aligarh 202002 [Tel (0571) 270-0920-23 Ext 3440 (O), 74-174-81607 (M); Email qtahseen@yahoo.com, qtahseen@gmail.com]; **Medal:** INSA Young Scientist (1995); **Council:** Mem 2024-; **SC: VI.**





**1989: TAKKAR, Pran Nath** (b 1940), PhD, Sp: Agriculture, Soil Chemistry, Fertility and Plant Nutrition, Micronutrients; FNAAS, INSA Emeritus Scientist, formerly Director, ICAR-IISS and Project Coordinator ICAR-AICRP on Micronutrients ICAR-IISS, Bhopal; *H-1/114, First Floor, Lajpat Nagar I, New Delhi 110024* [Tel 99-539-03254, 84-477-99716 (M); Email [pntakkar@gmail.com](mailto:pntakkar@gmail.com)]; INSA Honorary Scientist (2010-15); **SC: X**.



**1971: TALWAR, Gursaran Parshad** (b 1926), Docteur es Sciences (Sorbonne Univ., Paris), DSc (*hc*), DSc (*hc*), Sp: Biomedical Research; FASc, FNASc, FAMS, FRCOG (ae London), Fellow World Academy of Art and Science, Mem, Academia Nacional de Medicina, Mexico, Director Research, Talwar Research Foundation; formerly Professor of Eminence, ICGEB; founder Director, NII and Head, Biochemistry, AIIMS, New Delhi; *E-6-8, Neb Valley, Neb Sarai, New Delhi 110068* [Tel 88-003-22055 (M); Email [gptalwar@gmail.com](mailto:gptalwar@gmail.com)]; **Medal:** SL Hora (1978), Golden Jubilee Commemoration (Biol Sc) (2007); **SC: IX**.



**2005: TALWAR, Kewal Krishan** (b 1946), MBBS, MD, DM, DSc (*hc*) Sp: Cardiology; FAMS, FACC, FIACS (Canada), Chairman, PSRI Heart Institute, New Delhi; formerly Director, PGIMER, Chandigarh and Professor & Head of Cardiology, AIIMS, New Delhi; President, NAMS (India), New Delhi; Chairman, Board of Governors, Medical Council of India, Dwarka, New Delhi; *C-625, Second Floor, New Friends Colony, New Delhi 110025*; [Tel 88-002-32211 (M); Email [kktalwar@hotmail.com](mailto:kktalwar@hotmail.com)]; **Medal:** Aryabhata (2012); **SC: IX**.



**2023: TAMANG, Jyoti Prakash** (b 1961), PhD, Sp: Microbiology of Fermented Food and Beverages, FNASc, FNAAS, FIAMS, FBRS, Senior Professor, *Department of Microbiology, Sikkim University, Science Building, Tadong, Gangtok, Sikkim 737102*; [Tel 80-160-99902 (O); 98-320-61073 (M); Email [jyoti\\_tamang@hotmail.com](mailto:jyoti_tamang@hotmail.com)]; **SC: X**.



**2023: TANDON, Nikhil** (b 1963), PhD, Sp: Endocrinology and Metabolism, FNASc, FASc, Professor and Head, *Department of Endocrinology and Metabolism, All India Institute of Medical Sciences (AIIMS), New Delhi, Ansari Nagar, Delhi 110029*; 413, Hawa Singh Block, Asian Games Village, Delhi 110049 [Tel (011) 2659-3433 (O); 98-182-11663 (M); Email [nikhil\\_tandon@hotmail.com](mailto:nikhil_tandon@hotmail.com)]; **SC: IX**



**1979: TANDON, Prakash Narain** (b 1928), MS, FRCS, DSc (*hc*), Sp: Neurosurgery; FASc, FNASc, FTWAS, FAMS, FRSM, Mem, Norsk Videnscap Acad; Former President, National Brain Research Centre Society, Beside NSG Campus, Nainwal Mode, Manesar 122050; Professor Emeritus, Department of Neurosurgery, AIIMS, New Delhi 110029; *1, Jagriti Enclave, Vikas Marg Ext, Delhi 110092* [Tel (0124) 233-8929 (O), (011) 4254-4532, 2215-0578 (R); Email [tandon@nbrc.ac.in](mailto:tandon@nbrc.ac.in)]; **Medal:** Shri Dhanwantari Prize (1986), CV Raman (1997), INSA Medal for Promotion & Service to Science (2011); **Council:** Sec 1981-84, VP 1989-90, Pres 1991-92; **SC: IX**.

**1999: TANDON, Sampat Kumar** (b 1945), PhD, Sp: Physical Stratigraphy, Quaternary Geology, Fluvial Sedimentology and River Science; FASc, FNASc, FTWAS, Adjunct Professor, Department of Earth and Environmental Sciences, IISER, Bhopal; formerly DN Wadia Chair Professor, Department of Earth Sciences, IIT, Kanpur; Department of Geology and Pro-Vice Chancellor, University of Delhi; *Block A, House 566C, Sushant Lok, Phase 1, Gurugram 122009* [Tel 98-104-37365 (M); Fax 669-2392; Email [sktand@rediffmail.com](mailto:sktand@rediffmail.com), [sktand@iiserb.ac.in](mailto:sktand@iiserb.ac.in)]; **Medal:** INSA Young Scientist (1974); **SC: IV.**



**1990: TEWARI, Hrishu Bhu** (b 1930), DPhil, PhD (Emory, USA), DSc, Sp: Cell Biology, Histochemistry & Neurochemistry; FNASc, formerly Senior Professor & Head, Department of Zoology & Dean, Sukhadia University, Udaipur; *HIG, 4/477, Hsg Board Colony, Goverdhan Villas, Udaipur 313001* [Tel (0294) 264-0872, 320-1423 (R), 93-514-12109 (M)]; **SC: VII.**



**2016: THANGARAJ, Kumarasamy** (b 1963), PhD, Sp: Population Genetics and Evolutionary Biology, Clinical and Medical Genetics, Ancient DNA and Forensic Genetics; FNASc, FASc, Chief Scientist & JC Bose National Fellow, *CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007*; 102, Surya Residency, Road No. 3, Snehapuri Colony, Nacharam, Hyderabad 500076 [Tel (040) 2719-2634 (O), 99-082-13822 (M); Fax 2716-0591; Email [thangs@ccmb.res.in](mailto:thangs@ccmb.res.in)]; **SC: IX.**



**2007: THANGAVELU, Sundaram** (b 1957), PhD, Sp: Harmonic Analysis; FASc, Professor, *Department of Mathematics, Indian Institute of Science, Bengaluru 560012*; NE 316, IISc, Bengaluru 560012 [Tel (080) 2293-3206 (O), 2360-1132 (R); Fax 2360-0146; Email [veluma@iisc.ac.in](mailto:veluma@iisc.ac.in), [amulev@gmail.com](mailto:amulev@gmail.com)]; **Lecture:** Professor VV Narlikar Memorial (2018); **Council:** Mem 2012-14; **SC: I.**



**2024: THARMALINGAM, Punniyamurthy** (b 1964), PhD, Sp: Organic Chemistry, FASc, FNASc, FRSC, Professor of Chemistry, *Indian Institute of Technology Guwahati, Guwahati 781039*; [Tel (0361) 258-4309; Mobile: 94-351-02462; Email [tpunni@iitg.ac.in](mailto:tpunni@iitg.ac.in)]; **SC: III.**



**2009: THELMA, Bittianda Kuttapa** (b 1955), PhD, Sp: Cytogenetics, Human Genetics and Medical Genomics; FASc, FNASc, Professor and JC Bose National Fellow, *Department of Genetics, University of Delhi, South Campus, Benito Juarez Road, New Delhi 110021*; Type VA, Teachers Flats, University of Delhi, South Campus, New Delhi 110021 [Tel (011) 2411-8201, 2411-7399 (O), 2411-3548 (R); Fax 2411-2761; Email [thelmabk@gmail.com](mailto:thelmabk@gmail.com)]; **Medal:** SL Hora (2014); **Council:** Mem 2016-18; **SC: IX.**





**2022: TIWARI, Virendra Mani** (*b* 1968), PhD, Sp: Geophysics: (Gravimetry, Geodynamics and Hydrology); FASc, FNASc, FTAS, Ex. Director & Outstanding Scientist, *CSIR- National Geophysical Research Institute, Uppal Road, Hyderabad 500007*; VI/1, CSIR-NGRI Colony, Uppal Road, Hyderabad 500007 [Tel (040) 2701-2014 (O), 2701-2585 (R), 94-403-28269 (M), Fax 2717-1564; Email virendra.m.tiwari@gmail.com]; **Medal:** INSA Young Scientist (2000); **Council:** Ad Mem 2023, VP 2024-; **SC: IV.**



**2018: TOLE, Shubha** (*b* 1967), PhD, Sp: Neuroscience; FASc, FNASc, Professor, *Department of Biological Sciences, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005*; 210, Bhaskara, TIFR Complex, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 2278-2878 (O), 2278-2678 (Lab); Fax 2280-4610; Email shubhatole@gmail.com; Web <http://www.tifr.res.in/~dbs/faculty/stolelab/Home.html>]; **SC: IX.**



**2015: TRIPATHI, Anil Kumar** (*b* 1959), PhD, Sp: Molecular Microbiology (Agricultural & Environmental); FASc, FNASc, FNAAS, JC Bose National Fellow, Director, *Institute of Science* & Professor, School of Biotechnology, Banaras Hindu University, Varanasi 221005; PG Block 1, Aurobindo Colony, Banaras Hindu University 221005 [Tel (0542) 236-9670 (O), 236-7790 (R), 94-515-25811 (M); Email directoris@bhu.ac.in, tripathianil@rediffmail.com]; **Lecture:** Professor BD Tilak (2017); **SC: VII.**



**2015: TRIPATHI, Pradeep Kumar** (*b* 1957), PhD, Sp: Synthetic Organic Chemistry; FNASc, CSIR-Emeritus Scientist, INSA Senior Scientist (2018-2022), formerly Chief Scientist & Head, *Division of Organic Chemistry, CSIR-National Chemical Laboratory, Pune 411008*; Mont Vert-1, B-17, Pashan Sus Road, Pune 411021 [Tel (020) 2590-2050 (O), 94-210-78425 (M); Fax 2590-2629; Email pk.tripathi@ncl.res.in]; **SC: III.**



**2021: TRIPATHI, Sachchida Nand** (*b* 1971), PhD, Sp: Atmospheric Sciences, Planetary Atmospheres, Aerosol and Cloud, Air Quality; FNASc, FNAE, JC Bose National Fellow, Arjun Dev Joneja Faculty Chair Professor, *Department of Civil Engineering, Indian Institute of Technology Kanpur, Kanpur 208016*; House No. 628, Type VI, Indian Institute of Technology Kanpur, Kanpur 208016 [Tel (0512) 259-7845 (O), 259-8806 (R), 94-150-50540 (M); Fax 259-7395; Email snt@iitk.ac.in, sachchida.tripathi@gmail.com]; **SC: IV.**



**2005: TRIPATHY, Baishnab Charan** (*b* 1952), PhD, Sp: Plant Physiology, Photobiology, Plant Biotechnology, FNASc, FNAAS, Distinguished Professor, *Department of Biotechnology, Sharda University, Greater Noida 201310, Uttar Pradesh*, Formerly Professor and Dean, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067; formerly Vice-Chancellor, Ravenshaw University, Cuttack, Odisha [Tel 98-181-04924, 78-944-00787 (M); Email baishnabtripathy@yahoo.com; Web <http://www.sharda.ac.in>]; **SC: VII.**



**2020: TRIVEDI, Prabodh Kumar** (*b* 1969), PhD, Sp: Plant Molecular Biology and Biotechnology; FNASc, FNAAS, Senior Principal Scientist, *Molecular Biology and Biotechnology Division, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow 226001*; 14-02-C, Metrocity Apartments, Papermill Colony, Nishatganj, Lucknow 226007 [Tel (0522) 229-7958 (O), 430-2049 (R), 94-504-50521 (M); Fax 220-5836/39; Email prabodht@hotmail.com, prabodht@nbri.res.in]; **Council:** Mem 2024-; **SC: X.**

**2012: TRIVEDI, Sandip Parimal** (b 1963), PhD, Sp: String Theory and Particle Physics and Cosmology; FASc, Director and Distinguished Professor, *Tata Institute of Fundamental Research, Dr Homi Bhabha Road, Mumbai 400005*; 1010, Bhaskara, TIFR Housing Complex, Dr Homi Bhabha Road, Mumbai 400005 [Tel (022) 2278-2306, 2278-2424 (O), 98-921-05000, 98-672-22878 (M); Fax 2280-4610; Email [trivedi.sp@gmail.com](mailto:trivedi.sp@gmail.com), [director@tifr.res.in](mailto:director@tifr.res.in)]; **Council:** Mem 2016-18; **SC: II.**



**2023: TRIVEDI, Vijaylaxmi Girijashankar** (b 1966), Sp: Commutative Algebra, Algebraic Geometry, Professor, *School of Mathematics, TIFR, Homi Bhabha Road, Colaba, Mumbai 400005*; 601, Satyendra, TIFR Colony, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 22782392; 98-672-04966; Email [vija@math.tifr.res.in](mailto:vija@math.tifr.res.in)]; **SC: I.**



**2002: TULI, Rakesh** (b 1953), PhD, Sp: Biochemistry & Molecular Genetics of Agriculturally & Medicinally Important Plants, Genomic Diversity in Plants for Precision Breeding, Food and Nutrition Biotechnology; FASc, FNASc, FNAAS, JC Bose National Fellow & Senior Research Advisor, *University Institute of Engineering & Technology, Panjab University, Chandigarh 160015*; House 765, Sector 12, Panchkula 134115 [Tel (0172) 254-4107 (O), 257-0765 (R), 99-150-35511 (M); Fax 254-7986; Email [rakeshtuli@hotmail.com](mailto:rakeshtuli@hotmail.com), [rtuli@pu.ac.in](mailto:rtuli@pu.ac.in)]; **Medal:** INSA Young Scientist (1983); SL Hora (2008); **SC: X.**



**2007: TUTEJA, Narendra** (b 1955), PhD, DSc, Sp: Plant Molecular Biology, Plant Biotechnology, Agriculture, DNA/RNA Helicases, Plant Abiotic and Biotic Stress Tolerance, Mango Malformation; Plant-Microbes Interactions; FASc, FNASc, FNAAS, FTWAS, Former Group Leader & Senior Scientist, *International Centre for Genetic Engineering and Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi 110067*; Former Professor & Director, AIMT, Amity University, Noida; E69, Vasant Marg, Vasant Vihar, New Delhi 110057 [Tel 98-112-33350 (M); Email [narendratuteja@gmail.com](mailto:narendratuteja@gmail.com); Web <https://scholar.google.co.in/citations?user=R1QS5FgAAAAJ&hl=en>]; **SC: VII.**



**1999: TYAGI, Akhilesh Kumar** (b 1956), PhD, Sp: Plant Biology; FASc, FNASc, FNAAS, FTWAS, *Department of Plant Molecular Biology, University of Delhi, South Campus, New Delhi 110021*; formerly Senior Professor, Department of Plant Molecular Biology, University of Delhi, South Campus, New Delhi; Director, National Institute of Plant Genome Research (NIPGR), New Delhi; A2-21 DDA flats, Sector E1, Vasant Kunj, New Delhi 110070 [Tel 98-712-77558 (M); Email [akhilesh@genomeindia.org](mailto:akhilesh@genomeindia.org)]; **Lecture:** BN Chopra (2007); **Council:** Mem 2009, VP 2010-11; **SC: VII.**



**2002: TYAGI, Anil Kumar** (b 1951), PhD, Sp: Biochemistry, Molecular Biology; FASc, FNASc, Vice Chancellor, *GGI Indraprastha University, Sector 16C, Dwarka, New Delhi 110078*; formerly Professor, Department of Biochemistry, University of Delhi; C-23, South Extension Part-2, Second Floor, New Delhi 110049 [Tel (011) 2530-2104/105 (O), 2659-4544 (R); Fax 2803-5243; Email [akt1003@rediffmail.com](mailto:akt1003@rediffmail.com)]; **SC: VIII.**





**2024: TYAGI, Avesh Kumar** (*b* 1964), PhD, Sp: Solid State Chemistry, FNASc, FASc, FNAE, FTWAS, Director, *Chemistry Group, BARC, Mumbai 400 085*, C-901, Jai Gopi Krishna CHS, Opp. Lakme Company, Govandi Station Road, Deonar, Mumbai 400 088; [Tel (022) 2559-5330 (O), 98-694-43020 (R), 96-532-60113 (M), Email aktyagi@barc.gov.in, aktyagi.barc@gmail.com]; **SC: III.**



**2011: TYAGI, Jaya Sivaswami** (*b* 1954), PhD, Sp: Mycobacteriology, Molecular Biology; FASc, FNASc, former NASI Senior Scientist, former Professor and Head, *Department of Biotechnology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029* & Honorary Visiting Professor, THSTI, Faridabad 121001 [Tel (011) 2659-3549 (O), 98-104-09761 (M); Email jayatyagi.aiims@gmail.com]; **Council: Mem 2015-17; SC: VIII.**



**2002: UDGAONKAR, Jayant B** (*b* 1960), PhD, Sp: Physical Biochemistry; Professor and Director, *Indian Institute of Science Education and Research (IISER) Pune, Dr Homi Bhabha Road, Pune 411008* [Tel (020) 2590-8009, 2590-8001 (O); Email director@iiserpune.ac.in; Web <http://www.iiserpune.ac.in>]; **SC: VIII.**



**2006: UPADHYAYA, Kailash Chandra** (*b* 1946), PhD (Penn State), Sp: Molecular Genetics and Genomics, Plant Molecular Biology and Biotechnology; FNASc, INSA Senior Scientist, formerly Professor & Dean, School of Life Sciences, Jawaharlal Nehru University, New Delhi and VC, Maharaja Sayajirao University of Baroda, Vadodara; *C-601, Rudra Apartments, Plot No. 12, Sector 6, Dwarka, New Delhi 110075* [Tel (011) 2673-8730 (O), 4254-8653 (R), 98-711-87171 (M); Email kcupadhyaya@yahoo.com, kcupadhyaya@gmail.com]; **SC: VII.**



**2018: UPRETI, Dalip Kumar** (*b* 1958), PhD, Sp: Lichenology, Biosystematics, Environmental Studies; FNASc, Deputy Director, *CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow 226001*; 4-D, South Wing, Shalimar Heights, 28 Jopling Road, Lucknow 226001 [Tel (0522) 229-7850/851 (O), 94-504-00264 (M); Fax 220-5836/39; Email upretidk@rediffmail.com, upretidknbri@gmail.com]; **SC: VI.**



**2015: VAIDYA, Vidita Ashok** (*b* 1970), PhD, Sp: Neuroscience; Professor (H), *Department of Biological Sciences, Tata Institute of Fundamental Research, 1, Homi Bhabha Road, Colaba, Mumbai 400005*; 308, Bhaskara, Tata Institute of Fundamental Research, 2, Homi Bhabha Road, Colaba, Mumbai 400005 [Tel (022) 2278-2608 (O), 2280-4859 (R), 84-549-48703 (M); Fax 2280-4610; Email vvaidya@tifr.res.in]; **Medal: Chandrakala Hora Memorial (2019); Council: Mem 2022-; SC: IX.**

**1984: VALIATHAN, Martanda Varma Sankaran** (b 1934), ChM, FRCS (Eng), FRCS (Canada), FRCP (Lond), DSc (bc), Sp: Cardiac Surgery; FASc, FNASc, FNAE, FAMS, FTWAS, National Research Professor, *Manipal School of Life Sciences, Dr TMA Pai Planetarium Complex, Manipal Academy of Higher Education, Manipal, Karnataka 576104*; "Ashima Kutir" 11th Cross, Dasharath Nagar, Manipal 576104 [Tel (0820) 292-2342, 257-1201 Ext 22342 (O); Fax 257-1919, 257-0062, 257-0061; Email ms.valiathan@manipal.edu, msvaliathan@gmail.com]; **Medal:** Shri Dhanwantari Prize (1991), Aryabhata (1996), INSA Medal for Promotion & Service to Science (2014); **Lecture:** Etienne Wolf-Ramanujan (2013); **Council:** Mem 1991-93, VP 1997-99, Pres 2002-04; **SC: IX.**



**2010: VANKAR, Yashwant Dattatraya** (b 1950), PhD, Sp: Organic Chemistry; FASc, Emeritus Professor, *School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram, Maruthamala PO, Vithura, Trivandrum 695551*; formerly Professor and Head, Department of Chemistry, IIT, Kanpur; Flat # 2104/2105, Montreal Tower, Shastri Nagar, Andheri (West), Mumbai 400053 [Tel 99-350-62562 (M); Email vankar@iitk.ac.in, ydvankar@gmail.com]; **SC: III.**



**2007: VARADARAJAN, Raghavan** (b 1960), PhD, Sp: Protein Structure and Folding; FASc, Professor, *Molecular Biophysics Unit, Indian Institute of Science, Bengaluru 560012*; DQ-9, IISc Campus, Bengaluru 560012 [Tel (080) 2293-2612 (O); Fax 2360-0535; Email varadar@iisc.ac.in]; **SC: VIII.**



**1987: VARMA, Anupam** (b 1940), PhD, Sp: Plant Virology, Plant Pathology, Biotechnology, Education; FNASc, FNAAS, INSA Emeritus Scientist, Adjunct Professor, formerly National Professor, *Advanced Centre for Plant Virology, Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi 110012*; 253, Jaimaa Apartments, Plot 16, Sector 5, Dwarka, New Delhi 110075; 136 Housing Board Colony, Bindraban, Palampur 176061 (HP) [Tel 98-102-17141 (M); Email av.acpv@gmail.com, anupamvarma40@hotmail.com]; **Medal:** SS Bhatnagar (2010); **Lecture:** Professor TS Sadasivan (2002); INSA Senior Scientist (2005-10), INSA Honorary Scientist (2010-15); **Council:** Mem 1999-01, VP 2005-07; **SC: X.**



**2024: VARMA, Manik** (b 1976), PhD, Sp: Machine Learning & Artificial Intelligence, FASc, FNASc, FNAE, Distinguished Scientist and Vice President, *Microsoft Research India, 9, Lavelle Road, Bangalore 560 001*, House #5, Type 5b, Delhi University South Campus, South Moti Bagh, New Delhi 110 021; [Tel (011) 6658-6011 (O), 98-866-95340 (M), Email manik@microsoft.com]; **SC: V.**



**2014: VARSHNEY, Rajeev Kumar** (b 1973), PhD, Sp: Crop Genetics, Genomics and Molecular Breeding; FTWAS, FASc, FNASc, FNAAS, FAAAS, Fellow, German National Academy of Sciences, Leopoldina, Research Program Director-*Genetic Gains* and Director, *Centre of Excellence in Genomics & Systems Biology, CEG Building #300, International Crops Research Institute for Semi-Arid Tropics (ICRISAT), Patancheru 502324, Telangana*; House # IRSH 602/15, ICRISAT Campus, ICRISAT, Patancheru 502324, Telangana [Tel (040) 3071-3305 (O), 99-499-94070 (M); Fax 3071-3074/75; Email varshney.raj@gmail.com; rajeev.varshney@murdoch.edu.au]; **Medal:** INSA Young Scientist (2008); **SC: X.**





**2008: VARSHNEY, Umesh** (*b* 1957), PhD, Sp: Molecular Biology; FASc, FNASc, FTWAS, Honorary Professor, *Department of Microbiology and Cell Biology, Indian Institute of Science, Bengaluru 560012; 33A, RMV Enclave (NTI Layout), 1st Main, RMV 2nd Stage, Bengaluru 560094* [Tel (080) 2293-2686; Fax 2360-2697; Email varshney@iisc.ac.in]; **SC: VIII.**



**2024: VASU, Sheeba** (*b* 1973), PhD, Sp: Circadian Rhythms, Professor, *Jawaharlal Nehru Centre for Advanced Scientific Research PB 6436, Jakkur Post-Banalore 560064, 72, Phase 3, Royal Enclave, Srirampura, Bangalore 560064*; [Tel (080) 2208-2987 (Off), 94-490-88462 (M), Email sheeba@jncasr.ac.in]; **SC: VI.**



**2012: VASUDEVAN, Sukumaran** (*b* 1953), PhD, Sp: Physical Chemistry; FASc, Professor, *Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bengaluru 560012; 2072, Prestige Kensington Gardens, 17 HMT Main Road, Bengaluru 560013* [Tel (080) 2293-2382, 2293-2661 (O); Fax 2360-1552; Email svipc@iisc.ac.in]; **SC: III.**



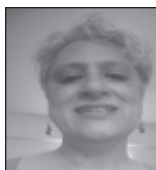
**2016: VEERAPPA GOWDA, Gaddemane Dyavappa** (*b* 1955), PhD, Sp: Partial Differential Equations in Particular, Conservation Laws and Hamilton-Jacobi Equations, Theory and Numerics; Professor, *TIFR Centre for Applicable Mathematics, Sharada Nagar, Chikkabommasandra, PB No. 6503, Bengaluru 560065; # 1262, BENAKA, 10th Main, 1st Cross, Judicial Layout, GKVK Post, Bengaluru 560065* [Tel (080) 6695-3743 (O), 2856-5106 (R), 97-408-18971 (M); Fax 6695-3799; Email gowda@math.tifrbng.res.in]; **SC: I.**



**2008: VELUTHAMBI, Karuppannan** (*b* 1953), PhD, Sp: Plant Sciences, Plant Biotechnology, Plant Virology; FASc, FNASc, Formerly INSA Senior Scientist and Professor, *School of Biotechnology, Madurai Kamaraj University, Madurai 625021; Plot 3, North 1st Street, Kalvi Nagar, Madurai 625021* [Tel (0452) 245-8458 (R), 94-439-27365 (M); Email kveluthambi@rediffmail.com, kveluthambi@gmail.com]; **Council: Mem 2016-18; SC: VII.**



**1999: VENKATACHALAPPA, Mandikarappa** (*b* 1947), PhD, Sp: Applied Mathematics: Fluid Mechanics, Magneto-hydrodynamics; FNASc, formerly Professor, Centre for Advanced Studies Programme, Department of Mathematics, Bangalore University, Bengaluru 560001; *No. 653, 13th Cross, 27th Main, HSR Layout, Sector 1, Agara, Bengaluru 560102* [Tel (080) 2258-1906 (R), 98-454-48381 (M); Email mvenkatachalappa@hotmail.com]; **SC: I.**



**2022: VENKATARAMAN, Chandra** (*b* 1963), PhD, Sp: Aerosol Science & Engineering, Atmospheric & Climate Science, Sustainability, Climate Forcing and Feedbacks to Air Pollution, Nanoparticle Drug Delivery; FASc, FNASc, FNAE; Professor, Interdisciplinary Programme in Climate Studies & Department of Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400 076; B-195, Ananta, IIT Bombay, Powai, Mumbai 400076 [Tel (022) 2576-7224(O); Email chandra@iitb.ac.in, cv140401@gmail.com; Web <https://www.climate.iitb.ac.in/en/employee-profile/prof-chandra-venkataraman>]; **SC: IV.**



**1977: VENKATARAMAN, Ganesan** (b 1932), PhD, Sp: Condensed Matter Physics; FASc, FNAS, *W6-A14, Prasantinilayam, Anantapur District 515134, AP* [Tel (08555) 287-499 (R); Email gvraman108@gmail.com]; **Medal:** Indira Gandhi Prize for Popularization of Science (1994); **SC: II.**



**2004: VENKATARAMANA, Tyakal Nanjundiah** (b 1958) PhD, Sp: Algebraic Groups, Arithmetic Groups, Automorphic Forms; *School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005; D 403, Godrej Avenues, Doddaballapur Main Road, Singanayakanahalli, Yelahanka, Bangalore 560064* [Tel (022) 2278-2224 (O), 2280-4831 (R); Email tyakalvenkat@gmail.com]; **Medal:** INSA Young Scientist (1990); Srinivasa Ramanujan (2016); **SC: I.**



**1989: VENKATESAN, Kailasam** (b 1932), AIISc, PhD, Sp: Chemical Crystallography; FASc, formerly Professor, Department of Organic Chemistry, IISc, Bengaluru 560012; *Himagiri Apts D1, 77, 4th Main Road, Malleswaram, Bengaluru 560055* [Tel (080) 2293-2403 (O), 2334-8736 (R); Fax 334-1683; Email kvenoc15@yahoo.com, kv@orgchem.iisc.ernet.in]; INSA Senior Scientist (1992-97); **SC: III.**



**1990: VENKATESH, Yedatore Venkatakrishnaiya** (b 1942), ME, PhD, Sp: System Theory, Signal Processing, Machine & Computer Vision and Neural Networks, Biometrics and Hyperspectral Satellite Image Analysis; FASc, FNAE, formerly Chairman, Division of Electrical Sciences, Dean, Faculty of Engineering, Tata-Chem Professor and Professor, Department of Electrical Engineering, Indian Institute of Science, Bengaluru 560012; Visiting Research Professor, Department of Electrical and Computer Engineering and Interactive Digital Media Institute, National University of Singapore, Singapore; *521, 5th Cross, 8th 'A' Main, Tata Nagar (Kodigehalli), Bengaluru 560092* [Email y\_v\_venkatesh@yahoo.co.in, yv.venkatesh@gmail.com]; **SC: V.**



**2022: VERMA, Akhilesh Kumar** (b 1968), PhD, Sp: Transition-Metal/ Superbase-Catalyzed Organic Transformations; FRSC, Professor, *Room No. 115, B Block, Department of Chemistry, North Campus, University of Delhi, Delhi 110007; A-4, Arya Apartment, Sector 15, Rohini, New Delhi 110089* [Tel (011) 2766-6646 (O), 2729-8955 (R), 97-178-31262 (M); Email akhilesh682000@gmail.com]; **SC: III.**



**2013: VERMA, Jugal Kishore** (b 1958), PhD, Sp: Mathematics (Algebra); FNASc, Professor, *Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai 400076; B-283, Nilgiri Building, Central Area, IIT, Powai, Mumbai 400076* [Tel (022) 2576-7478 (O), 2576-8478 (R), 98-1930-7484 (M); Fax 2572-3480; Email jkv@iitb.ac.in, verma.jugal@gmail.com]; **SC: I.**



**2023: VERMA, Kaushal Kumar** (b 1971), PhD, Sp: Complex Analysis, Professor, *Department of Mathematics, Indian Institute of Science, Bangalore 560012; 506/07, Block 3, Phase 2, RMV Clusters, Lottegollahalli, Bangalore 560094* [Tel (+91) 74-830-64269 (M); Email kverma@iisc.ac.in]; **SC: I**

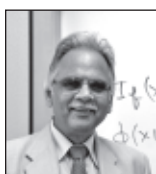




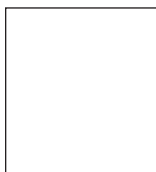
**2020: VERMA, Mahendra Kumar** (b 1966), PhD, Sp: Turbulence, Plasma Physics, Nonlinear Dynamics; FASc, FNASc, Professor, *Department of Physics, Indian Institute of Technology Kanpur, Kanpur 208016*; H.No. 4074, Indian Institute of Technology Kanpur, Kanpur 208016 [Tel (0512) 259-7396 (O), 259-8515 (R), 93997-46029 (M); Fax 259-0914; Email [mkv@iitk.ac.in](mailto:mkv@iitk.ac.in); Web <https://sites.google.com/view/mahendra-verma/>]; **Award:** Swarnajayanti Fellowship (2006), INSA Teachers Award (2016), Dr APJ Abdul Kalam Cray HPC Award (2018); J. C. Bose Fellowship (2023); **SC: II.**



**2016: VERMA, Sandeep** (b 1966), PhD, Sp: Bioorganic Chemistry, Chemical Biology; FNASc, FASc, FRSC, JC Bose National Fellow and Secretary, *Science and Engineering Research Board, 5 & 5A, Lower Ground Floor, Vasant Square Mall, Sector-B, Pocket-5, Vasant Kunj, New Delhi 110070*; Professor, Department of Chemistry and Coordinator, Center for Nanoscience, Indian Institute of Technology Kanpur, Kanpur 208016; H No. 625, Indian Institute of Technology Kanpur, Kanpur 208016 [Tel (0512) 679-7643 (O), 99-350-81810 (M); Fax 679-6806; Email [secretary.serb@nic.in](mailto:secretary.serb@nic.in), [sverma@iitk.ac.in](mailto:sverma@iitk.ac.in)]; **Lecture:** Dr Nitya Anand Endowment (2021); **Council:** Ad Mem 2021; **SC: III.**



**1994: VIDYASAGAR, Mathukumalli** (b 1947), PhD (Wisconsin), Sp: Machine Learning, Control Theory, Statistical Learning Theory, Computational Biology; FASc, FNAE, FTWAS, FRS, SERB National Chair and Distinguished Professor, *Indian Institute of Technology Hyderabad, Kandi, Telangana 502284* [Tel 98-480-50451 (M); Email [m.vidyasagar@iith.ac.in](mailto:m.vidyasagar@iith.ac.in); Web [https://people.iith.ac.in/m\\_vidyasagar/](https://people.iith.ac.in/m_vidyasagar/)]; **Lecture:** JL Nehru Birth Centenary (2005); **SC: V.**



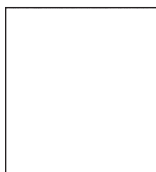
**2017: VIJAY KUMAR, Panganamala** (b 1955), PhD, Sp: Electrical Communication Engineering: Error-Correcting Codes, Low-correlation sequence design; Honorary Professor, *Department of Electrical Communication Engineering, Indian Institute of Science, Bengaluru 560012*; 169, 3rd Main, 11th Cross, RMV 2nd Stage, Bengaluru 560094 [Tel 99-451-79215 (M); Fax 2360-0563; Email [pvk1729@gmail.com](mailto:pvk1729@gmail.com), [pvk@iisc.ac.in](mailto:pvk@iisc.ac.in); Web <https://ece.iisc.ac.in/~pvkece/>]; **SC: V.**



**2022: VIJAYACHARI, Paluru** (b 1962), MD, PhD, Sp: Medicine, Molecular Medical Microbiology; FNASc, FAMS, Director and Scientist G, ICMR-Regional Medical Research Centre, Dolly Gunj, Port Blair, Andaman and Nicobar Islands 744103; Type IV Quarter (ICMR), CPWD Complex, Lamba Line, Port Blair 744103 [Tel (03192) 251-158 (O), 231-748 (R), 99-320-83226; Email [vijayachari@icmr.res.in](mailto:vijayachari@icmr.res.in)]; **SC: IX.**



**1980: VIJAYARAGHAVAN, Ramanuja** (b 1931), PhD, Sp: Solid State Physics; FASc, FNASc; *305, Vaigyanik Coop Hsg Soc, Plot 58-59, Sector 14, Vashi, New Mumbai 400703* [Tel (022) 2215-2971 (O), 2766-7554 (R); Fax 2215-2110, 2578-3254; Email [rv@tifr.res.in](mailto:rv@tifr.res.in)]; INSA Senior Scientist (1996-2001); **SC: II.**



**1999: VIJAYRAGHAVAN, Krishnaswamy** (b 1954), PhD, Sp: Developmental Biology and Genetics; FASc, FRS, *Room No 319, Vigyan Bhawan Annexe, New Delhi 110011*; Former Secretary, DBT [Tel (011) 2469-5482, 2302-2112 (O); Fax 2469-5483; Email [vijayaraghavan@gov.in](mailto:vijayaraghavan@gov.in)]; **Medal:** CV Raman (2019); **Lecture:** JL Nehru Birth Centenary (2007); **SC: VII.**

**2008: VIJAYRAGHAVAN, Usha** (b 1961), PhD, Sp: Molecular Genetics, Plant Development; FASc, Professor, *Department of Microbiology & Cell Biology, Indian Institute of Science, Bengaluru 560012*; 106, 6th Cross, RMV Stage II, Bengaluru 560094 [Tel (080) 2360-0168 (O), 2341-8504 (R), 98-443-32445 (M); Email [uvr@iisc.ac.in](mailto:uvr@iisc.ac.in), [uvr123@gmail.com](mailto:uvr123@gmail.com)]; **Medal:** Professor Har Swarup Memorial (2018); **SC: VII.**



**1993: VIRK, Daljit Singh** (b 1944), PhD & DSc (Birmingham), Sp: Genetics and Plant Breeding; FNASc, FNAAS, FRSB, OBE Adjunct Professor, Eternal University, Baru Sahib, HP 173101; former Professor, Mekelle University, Ethiopia; former and Honorary Senior Research Fellow and International Coordinator, School of Natural Sciences, Bangor Univ, Bangor, LL57 2UW, UK; formerly Professor, Department of Plant Breeding, PAU, Ludhiana; 18, *South Brae Close, Littleover, Derby DE 23 1WD, England* and 123 D, Kitchlu Nagar, Ludhiana 141001 [Tel (044-1332) 766-629 (R), 77-990-57846 (M); Email [dsvirk2012@gmail.com](mailto:dsvirk2012@gmail.com)]; **SC: X.**



**1988: VISWANADHAM, Nukala** (b 1943), PhD, Sp: Resilient Supply Chain Ecosystems, Innovation value chain design, Logistics, Platform Business Models; FIEEE; FASc, FTWAS; 529, 2nd Main Road, RMV Extension Stage II, Block III, Bengaluru 560094 [Tel 2351-9864 (R); Email [n.viswanadham@gmail.com](mailto:n.viswanadham@gmail.com)]; **SC: V.**



**2013: VISWESWARIAH, Sandhya Srikant** (b 1957), PhD, Sp: Biochemistry, Cell Biology; FASc, FTWAS, JC Bose National Fellow, Professor, *Department of Molecular Reproduction, Development and Genetics, Indian Institute of Sciences, Bengaluru 560012*; 801 (27), 36A Cross, 20th Main Jayanagar 4T Block, Bengaluru 560041 [Tel (080) 2293-2542, 2360-1522 (O), 99-028-18616 (M); Fax 2360-0999; Email [sandhya@iisc.ac.in](mailto:sandhya@iisc.ac.in), [s.sandhya@gmail.com](mailto:s.sandhya@gmail.com)]; **Medal:** INSA Young Scientist (1988); **Lecture:** Dr MR Das Memorial (2020); **SC: VIII.**



**2009: VIYOGI, Yogendra Pathak** (b 1948), PhD, Sp: Experimental Nuclear Physics; FNASc, INSA Emeritus Scientist, formerly DAE Raja Ramanna Fellow and Outstanding Scientist, VECC, Kolkata; formerly Director, Institute of Physics, Bhubaneswar; *Block 8, Flat 2B, Diamond City North, Kolkata 700055* [Tel 98-310-37532 (M); Email [viyogi@gmail.com](mailto:viyogi@gmail.com)]; INSA Senior Scientist (2017-18); **SC: II.**



**2021: VRATI, Sudhanshu** (b 1960), PhD, Sp: Virology, Vaccinology; FASc, FNASc, Professor, *Regional Centre for Biotechnology, Faridabad 121001*; A202, POMCHS, Sector 49, Faridabad 121001 [Tel (0129) 2848805 (O), 98-110-07944 (M); Fax 2848802; Email [vrati@rcb.res.in](mailto:vrati@rcb.res.in)]; **SC: IX.**



**1997: WADIA, Spenta Rustom** (b 1950), PhD, Sp: String Theory, Quantum Gravity, Statistical Mechanics; FASc, FNASc, FTWAS, Infosys Homi Bhabha Chair Professor, Emeritus Distinguished Professor & Founding Director, *International Centre for Theoretical Sciences (ICTS-TIFR), Tata Institute of Fundamental Research, Shivakote, Bengaluru 560089*; N-11, ICTS-TIFR, Shivakote, Bengaluru 560089 [Tel (080) 4653-6010 (O), 4653-6480 (R); Email [spenta.wadia@icts.res.in](mailto:spenta.wadia@icts.res.in); Web <https://www.icts.res.in/people/spenta-wadia/>]; **Council:** VP 2022-; **SC: II.**





**2014: WAGHMARE, Umesh Vasudeo** (b 1968), PhD, Sp: Theory, Modeling and Simulations of Materials; FASc, FNASc, Professor, *Theoretical Sciences Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur PO, Bengaluru 560064*; 43, Maitreya, 4th Cross, Sector A, Amruth Nagar, Amruthahalli, Bengaluru 560092 [Tel (080) 2208-2842 (O), 2362-2774 (R), 94-482-87711 (M); Fax 2208-2767; Email waghmare@jncasr.ac.in]; **SC: II.**



**2020: WANI, Mohan Ramchandra** (b 1965), MVSc (Veterinary Surgery), PhD (Medicine, UK), Sp: Bone Remodeling and Regenerative Medicine; FNASc, FAMS, FNAVS, Tata Innovation Fellow, Commonwealth Scholar, Director, *National Centre for Cell Science, University of Pune Campus, Pune 411007*; Parijat Apartment, Mayur Colony, Kothrud, Pune 411038 [Tel (020) 2570-8102 (O), 2543-0204 (R), 93-730-00831 (M); Email mohanwani@nccs.res.in]; **SC: IX.**



**2007: YADAV, Ganapati Dadasaheb** (b 1952), PhD (Tech) (Chem. Eng.), D.Sc. (Hon. Causa, DYPU Kolhapur), D.Eng. (Hon. Causa, NIT-Agartala), Sp: Chemical Engineering, Green Chemistry and Engineering, Catalytic Science and Engineering, Renewable Energy Engineering; FASc, FNASc, FNAE, FTWAS, FRSC, Emeritus Professor of Eminence, JC Bose National Fellow, Conjoint Professor, University of New Castle, Australia; Adjunct Professor, RMIT University, Australia; Adjunct Professor, University of Saskatchewan, Canada; Distinguished Visiting Professor, SOA University, Bhubaneswar, Distinguished Adjunct Professor, VNIT, Surat; Former Vice-Chancellor & RT Mody Distinguished Professor and Tata Chemicals Darbari Seth Distinguished Professor of Leadership & Innovation, *Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai 400019*; Palm Springs CHS, A-1201, Sector 7, Near Peer Sayyad Badshah Udyan, Airoli, Navi Mumbai 400708 [Tel (022) 3361-2010/1111/2222, 98-330-90510 (M); Fax 3361-1020; Email gd.yadav@ictmumbai.edu.in, gdyadav@yahoo.com, gdyadav@gmail.com]; **Medal:** SH Zaheer (2017); INSA Distinguished Lecture Fellow (2023); **Council:** Mem 2019-21, Ad Mem 2024; **SC: V.**



**1998: YADAV, Jhillu Singh** (b 1950), PhD, Sp: Organic Chemistry; FASc, FNASc, FTWAS, JC Bose Fellow, former Director and Bhatnagar Fellow, CSIR-IICT, Mentor and Director, Research and Development, *Indrashil University, PO Rajpur, Taluka Kadi, Mehsana 382730, Gujarat*; 45, Garden Villa, Opp. UGVCL Office, Kadi-Chatral Road, Kadi 382715 [Tel (02764) 278-813 (Extn. 217), 70-690-76528 (M); Email jsyadav@indrashiluniversity.edu.in, yadavfna@gmail.com]; **Lecture:** Professor S Swaminathan 60<sup>th</sup> Birthday Commemoration (2002); **SC: III.**



**2021: YADAV, Om Parkash** (b 1963), PhD, Sp: Plant Breeding; FNASc, FNAAS, Director, *ICAR-Central Arid Zone Research Institute (CAZRI), Jodhpur, Rajasthan 342003*; Director's Bungalow, ICAR-Central Arid Zone Research Institute (CAZRI), Jodhpur, Rajasthan 342 003 [Tel (0291) 2786584 (O), 94-139-31805 (M); Fax 2788706; Email opyadav21@yahoo.com, director.cazri@icar.gov.in]; **SC: X.**

**2017: YADAV, Shirang Ramchandra** (b 1954), PhD, Sp: Angiosperm Taxonomy; FNASc, INSA Senior Scientist, Professor (Retd), UGC BSR Faculty Fellow, *Department of Botany, Shivaji University, Kolhapur 416004*; NISARG, Gulmohar Colony, Behind Dadu Chougule Nagar, Ujlaiwadi, Kolhapur 416004 [Tel (0231) 260-9389 (O), 94-211-02350, 82-620-91318 (M); Fax 691-533, 692-333; Email sryadavdu@rediffmail.com, sryadavdu@gmail.com]; **SC: VI.**



**2021: YAJNIK, Chittaranjan Sakerlal** (b 1952), MD, FRCP, Sp: Medicine (Diabetologist); Director, *Diabetes Unit, 6th floor, Banoo Coyaji bldg., KEM Hospital Research Centre, Sardar Moodliar road, Rasta Peth, Pune 411011*; 870/6, Shivaji Nagar, Nivant Gadh, Bhandarkar Road, Pune 411004 [Tel (020) 66037368 (O), 98-228-47481 (M); Email csyajnik@gmail.com]; **SC: IX.**



**2012: YASHONATH, Subramanian** (b 1956), PhD, Sp: Theoretical Chemistry, Physical Chemistry; FASc, Professor, *Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012*; 1769, 15 Main, 34 Cross, Banashankari, 2nd Stage, Bengaluru 560070 [Tel (080) 2293-2568 (D), 2293-2519 Ext 2032 (O), 94-497-66160 (M); Fax 2360-1310; Email yashonath@iisc.ac.in, yashonath@gmail.com]; **SC: III.**



**1999: YEGNANARAYANA, Bayya** (b 1944), PhD, Sp: Signal Processing, Speech, Vision and Neural Networks; FASc, FNAE, FIEEEE, FIETE, FISCA, FAPAS, FASI, INSA Senior Scientist, *International Institute of Information Technology, Gachibonli, Hyderabad 500032*; 201, Savitri Nilayam, Lane 23, Road 1, Ravindranagar, Habsiguda, Hyderabad 500007 [Tel 2715-4526 (R), 94-418-86526 (M); Email yegna@iiit.ac.in, bayya.yegna@gmail.com]; **Medal: SH Zaheer (2014); SC: V.**



**2023: YENDLURI, Shanthi Pavan** (b 1973), PhD, Sp: Analog Mixed-Signal VLSI Design, FNAE, FIEEEE, NT Alexander Institute Chair Professor and Dean (Academic Research), *Department of Electrical Engineering, IIT Madras, Chennai 600036*; B-19 Lakeview Road, IIT Madras Campus, Chennai 600036 [Tel (044) 2257-6437 (O); 90-031-14549 (M); Email shanthi@ee.iitm.ac.in]; **SC: V.**



**2023: YUSUF, Seikh Mohammad** (b 1965), PhD, Sp: Magnetism, Neutron Scattering, Condensed Matter Physics, DSc(hc), FNASc, FASc, Director, Physics Group, *Bhabha Atomic Research Centre, Trombay, Mumbai 400085*; 502 Breeze Park, Plot 64, Sector 14, Navi Mumbai 400709 [Tel (22) 2559-5608; 98-339-83074 (M); Email smyusuf@barc.gov.in, smyusuf1@yahoo.com]; **SC: II.**



## FOREIGN FELLOWS



**1997: ADHYA, Sankar L** (*b* 1937), PhD (Wisconsin), PhD (Calcutta), DSc (*bc*), Sp: Genetics, Biochemistry, Prokaryotes, Bacteriophages; Member, Nat Acad Sci, USA; Fellow, American Academy of Arts and Sciences; Fellow, American Association of Advancement of Science; Fellow, Am Acad Microbiology; Full Member, Center for Models of Life, Neils Bohr Institute, Copenhagen, Denmark; Chief, *Developmental Genetics Section, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD 20892-4255, USA*; Adjunct Professor, George Washington University, Washington, DC [Tel (301) 496-2495; Fax 480-7387; Email [sadhya@helix.nih.gov](mailto:sadhya@helix.nih.gov), [adhyas@mail.nih.gov](mailto:adhyas@mail.nih.gov)].



**2013: AHMED, Rafi** (*b* 1948), PhD, Sp: Molecular Understanding of Immunological Memory in Infection and Vaccination; Member, US National Academy of Sciences, National Academy of Medicine, American Academy of Arts and Sciences, National Academy of Inventors, and American Academy of Microbiology. Director, Emory Vaccine Center, Professor and GRA Eminent Scholar, Department of Microbiology & Immunology, Emory University School of Medicine, *Emory University, G211 Rollins Research Building, Atlanta, GA 30322, USA; 1811 Durand Mill Dr NE, Atlanta, GA 30307, USA* [Tel (404) 727-3571 (O), 727-4700; Email [rahmed@emory.edu](mailto:rahmed@emory.edu)].



**2024: AJAYAN Pulickel Madhavapanicker** (*b* 1962), PhD, Sp: Material Science & Engineering; Fellow of National Academy of Inventors, (NAI) USA, *Rice University, 6100 Main Street, Houston, Texas 770 05, USA, 203, Pacific Street, Houston, Texas 770 06, USA*; [Tel 1518 248 0344 (M); Email [ajayan@rice.edu](mailto:ajayan@rice.edu)].



**2004: ALBERTS, Bruce** (*b* 1938), PhD, Sp: Biochemistry and Cell Biology, Chancellor's Leadership Chair in Biochemistry and Biophysics for Science and Education, University of California, San Francisco; formerly Editor-in-Chief, *Science Magazine* (2008-13), United States Science Envoy (2009-11); President Emeritus, US National Academy of Sciences (1993-2005), *UCSF MC 2200, Genentech Hall N312, 600-16th Street, San Francisco, CA, USA 94158-2517* [Tel (001-415) 476-0806 (O); Email [balberts@ucsf.edu](mailto:balberts@ucsf.edu)].



**2007: ALLEGRE, Claude Jean** (*b* 1937), PhD, Sp: Earth and Planetary Sciences; *Institut Physique du Globe, 1 rue Jussieu, 75005 Paris (France)* [Tel 33 1 83 95 76 47 (O), 33 1 43 26 86 16 (R), 33 6 70 58 61 34 (M); Email [allegre@ipgp.fr](mailto:allegre@ipgp.fr)].

**2007: ALLENDE, Jorge Eduardo** (b 1934), PhD, Sp: Biochemistry and Molecular Biology, Program of Cell and Molecular Biology; *Institute of Biomedical Sciences, Faculty of Medicine, University of Chile, Santiago, Chile* [Email jallende@uchile.cl].



**2020: ATTFIELD, John Paul** (b 1962), DPhil, Sp: Materials Chemistry and Physics; FRS, FRSE, FRSC, Chair of Materials Science at Extreme Conditions, *School of Chemistry and Centre for Science at Extreme Conditions (CSEC), King's Buildings, University of Edinburgh, Mayfield Road, Edinburgh, EH9 3JZ, UK; 9, Boswall Loan, Edinburgh, EH5 1AS, UK* [Tel (44-131) 651-7229; Fax 651-7049; Email j.p.attfield@ed.ac.uk].



**1982: AYENSU, Edward Solomon** (b 1935), PhD, FLS, FGAAS, FTWAS, FAAS, Sp: Plant Biology, Biodiversity, Conservation and Economic Development; Chairman, Presidential Advisory Council on Science, Technology and Innovation (PACSTI), Ghana; Chairman, Board of Trustees, African Institute for Mathematical Sciences (AIMS), Ghana; Chairman, Board of Trustees, Accra Institute of Technology (AIT), Ghana; Executive Chairman, ESA Associates Ltd, Science, Technology and Economic Consultants; formerly Chairman, Council for Scientific and Industrial Research (CSIR), Ghana; formerly Chairman, World Bank Inspection Panel; formerly President, Pan African Union for Science and Technology; formerly Chairman, Ghana National Biodiversity Committee; formerly Mem, International Advisory Council on Global Scientific Communications, UNESCO; formerly Chairman, Ad-hoc Working Group on Biodiversity, *4th Circular Road, Number 1, 4th Circular Close, SNNIT Cantonments Estates, Cantonments, Accra, Ghana; PO Box 16525 – Airport, Accra, Ghana* [Tel (233-302) 778-677, 775-554, (233-24) 435-4070 (M); Email eayensu@gmail.com; Web <http://edwardayensu.com>].



**1980: BAKER, Alan** (b 1939), PhD, Sp: Mathematics; FRS, Hon Mem, Hungarian Acad Sc, Emeritus Professor of Pure Mathematics, *University of Cambridge*, and Fellow, *Trinity College, Cambridge, CB2 1TQ, UK* [Tel (44-1223) 338-400 (O); Email a.baker@dpmmms.cam.ac.uk].



**2021: BANERJEE, Utpal** (b 1957), PhD, Sp: Signal Transduction, Metabolic and Genetic Control of Development; Professor, *Department of Molecular, Cell and Developmental Biology, Professor, Department of Biological Chemistry, Co-Director, Broad Stem Cell Research Center and HHMI Professor, University of California, Los Angeles, 610 Charles E Young Drive East, Los Angeles, California 90095 USA; 12968 Greenleaf Street, Studio City, California 91604 USA* [Tel 1-310-206-5439; E-mail banerjee@mbi.ucla.edu].



**2006: BARRANTES, Francisco José** (b 1944), MD, PhD, Sp: Neurobiology, Neurosciences; Director, *Laboratory of Molecular Neurobiology, Institute of Biomedical Research, Faculty of Medicine, Catholic University of Argentina and Argentinian Res Council (CONICET), Av. Alicia Moreau de Justo 1600, 3 piso, C1107AFF – Buenos Aires, Argentina* [Tel +54 11 4349-0200 Ext 2116 (O); Fax +54 11 4338-0886; Email rtfjb1@gmail.com, francisco\_barrantes@uca.edu.ar].





**2003: BATE, Christopher Michael** (*b* 1943), PhD, Sp: Developmental Neurobiology; FRS, Emeritus Professor, *Department of Zoology, University of Cambridge, Downing Street, Cambridge CB2 3EJ, UK*; Girton Cottage, Manor Farm Road, Girton, Cambridge CB3 0RX [Tel (44-1223) 336-639 (O), 277-781 (R); Fax 336-676; Email cmb16@hermes.cam.ac.uk].



**2009: BEACHY, Roger N** (*b* 1944), PhD, Sp: Plant Molecular Biology, Virology, Biotechnology; Member, US National Academy of Sciences, The World Academy of Sciences, Korea National Academy of Sciences, Fellow, American Society of Microbiology, American Association for Advancement of Science; Chief Science Officer, Indigo Agriculture Inc.; National Science Board, National Science Foundation; Professor, *Department of Biology, Washington University, St. Louis, Missouri (USA)* [Email rbeachy@WUSTL.edu].



**2021: BENNETZEN, Jeffrey Lynn** (*b* 1952), PhD, Sp: Plant Genetics and Genomics, Plant:Microbe Interactions; Giles Professor, *Georgia Research Alliance Eminent Scholar and Professor, Department of Genetics, University of Georgia, Athens, GA 30602, USA*; 1041 Arizona Bend, Watkinsville, GA 30677, USA [Tel +1-678-753-1231; Email maize@uga.edu].



**2021: BEVAN, Michael W** (*b* 1952), PhD, Sp: Plant Molecular Biology, Genetics and Genomics; FRS, OBE, Project Leader, Genes in the Environment, *John Innes Centre, Norwich Research Park, Norwich NR4 7UH, UK*; John Innes Centre Norwich Research Park, Norwich NR4 7UH, UK [Tel +44 (0)1603 450000; Email Michael.Bevan@jic.ac.uk].



**2019: BHADSHIA, Sir Harshad Kumar Dharamshi** (*b* 1953), PhD, Sp: Physical Metallurgy, Alloys of Iron; FRS, Tata Steel Professor of Metallurgy, *Materials Science and Metallurgy, University of Cambridge, 27 Charles Babbage Road, Cambridge CB3 0FS, UK*; 57 Barrons Way, Comberton, CB23 7EQ, UK [Tel (44-1223) 263-775, 334-300; Fax 334-567; Email hkdb@cam.ac.uk].



**2015: BHARGAVA, Manjul** (*b* 1974), PhD, Sp: Number Theory; FNASc, Fellow, American Mathematical Society, US National Academy of Sciences, Professor, *Department of Mathematics, Princeton University, Princeton, NJ 08544, USA* [Tel (+1) (609) 258-4192 (O); Fax 258-1367; Email bhargava@math.princeton.edu].



**2010: BLUM, Hubert E** (*b* 1944), Department of Medicine II, University Hospital of Freiburg, HugstetterStrasse 55, D-79106 Freiburg, Germany; *Hebelstrasse 23, D-79104 Freiburg, Germany* [Tel 0049-761-2701-8116; Fax 0049-761- 2701-8117; Email hubert.blum@uniklinik-freiburg.de].



**1995: BLUNDELL, Sir Tom Leon** (*b* 1942), DPhil (Oxon), Sp: Structural and Computational Biology, Applications to Drug Discovery for Cancer and Mycobacterial Infections; FRS, FMedSci, Professor Emeritus and Director of Research, *Heart and Lung Research Institute, University of Cambridge, Biomedical Campus, Papworth Road, Trumpington, Cambridge CB2 0BB*; Email [tlb20@cam.ac.uk](mailto:tlb20@cam.ac.uk); **Lecture:** Blackett Memorial (2019).



**2024: BOND, John Richard** (*b* 1950), PhD, Sp: Theoretical Astrophysics & Cosmology, University Professor, FRSC, NAS, FRS, AAAS, CITA, *McLennan Labs, 60 St. George St. University of Toronto, Toronto ON M5S 3HB Canada*; 74, Greensides Ave, Toronto ON M6G 3P7, Canada; [Tel +1 416 9786879 (R), +1 416 7225950 (M); Email [bond@cita.utoronto.ca](mailto:bond@cita.utoronto.ca)].



**2020: BRAUNSCHWEIG, Holger** (*b* 1961), PhD, Sp: Inorganic and Main-Group Chemistry; FRSC, Professor of Chemistry and Member of the Senate, *Institute of Inorganic Chemistry, Julius Maximilians University Würzburg, At Hubland, 97074 Würzburg, Germany*; Founding Director of the Institute for Sustainable Chemistry & Catalysis with Boron, Julius Maximilians University Würzburg, At Hubland, 97074 Würzburg, Germany [Tel (49-931) 31-85260; Fax 31-84623; Email [h.braunschweig@mail.uni-wuerzburg.de](mailto:h.braunschweig@mail.uni-wuerzburg.de); Web <http://www.chemie.uni-wuerzburg.de>].



**2019: BUCKLER, Edward S** (*b* 1970), PhD, Sp: Statistical Genetics; Fellow, American Association for the Advancement of Science; Fellow, US National Academy of Sciences, Research Geneticist, *USDA-ARS, Institute for Genomic Diversity, Cornell University, 159 Biotechnology Bldg, Ithaca, NY 14853-2703* [Tel (607) 255-4520; Fax 255-6249; Email [esb33@cornell.edu](mailto:esb33@cornell.edu)].



**2012: CAZENAVE, Anny** (*b* 1944), PhD, Sp: Satellite Geodesy and Space Research in Earth Sciences; Member, French Academy of Sciences, Foreign Member, National Academy of Sciences, USA; Member, Academia Europaea, Member, European Academy for Aeronautics and Space, Foreign Fellow, National Academy of Sciences of India, Allahabad and Fellow, American Geophysical Union; Senior Scientist, *Laboratoire d'Etudes en Géophysique et Océanographie Spatiale (LEGOS), Centre National d'Etudes Spatiales (CNES), 18 Avenue Edouard Belin, 31401, Toulouse Cedex 4, France* [Tel +33 5 61 33 29 22; Fax +33 5 61 25 32 05; Email [anny.cazenave@legos.obs-mip.fr](mailto:anny.cazenave@legos.obs-mip.fr), [anny.cazenave@cnes.fr](mailto:anny.cazenave@cnes.fr)].



**2019: CHEETHAM, Sir Anthony Kevin** (*b* 1946), PhD, DSc (*bc*), Sp: Chemistry of Materials; FRS, FTWAS, FASc, Foreign Member, National Academy of Sciences, India, Mongolian Academy of Sciences; Member, Academia Europaea, German National Academy of Sciences, Leopoldina, American Academy of Arts and Sciences, Honorary Fellow, Singapore National Academy of Science; Goldsmiths' Professor of Materials Science Emeritus, *Department of Materials Science and Metallurgy, University of Cambridge, Cambridge CB0 3FS UK*; Materials Research Laboratory, University of California, Santa Barbara, California 93106 [Tel (44-7411) 930-721; Email [akc30@cam.ac.uk](mailto:akc30@cam.ac.uk)].





**2000: COHEN-TANNOUDJI, Claude** (*b* 1933) PhD, NL, Sp: Atomic Molecular and Optical Physics; Member, Academie des Sciences, Honorary Research Professor, Honorary Professor, *College de France, Ecole Normale Supérieure, Laboratoire Kastler Brossel 24, rue Lhomond, 75231 Paris Cedex 05, France*; 38 rue des Cordelières, 75013, Paris, France [Tel + 33 (0)1 47 07 77 83 (O), + 33 (0)1 45 35 02 18; Fax + 33 (0)1 44 34 34 94; Email [claudc.cohen-tannoudji@lkb.ens.fr](mailto:claudc.cohen-tannoudji@lkb.ens.fr)].



**2015: COLWELL, Rita Rossi** (*b* 1934), DSc (*hc*), Sp: Microbial Genomics, Microbial Ecology, Molecular Genetics; FNASC, FRSC, Fellow, US National Academy of Sciences, Fellow, American Academy of Arts and Sciences, Fellow, American Association for the Advancement of Science; Fellow, Am Acad Microbiology, Distinguished University Professor, *University of Maryland, College Park, 3103 Biomolecular Sciences Building 296, College Park, Maryland 20742, USA* and John Hopkins Bloomberg School of Public Health, Baltimore, Maryland; 5010 River Hill Road, Bethesda, Maryland 20816, USA [Tel (+1) (301) 405-9550 (O); Email [rcolwell@umiacs.umd.edu](mailto:rcolwell@umiacs.umd.edu)].



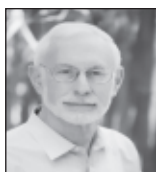
**2022: COOKS, Robert Graham** (*b* 1941), PhD, DSc (*hc*), Sp: Mass Spectrometry, Analytical Chemistry, Instrumentation, Fellow, American Academy of Arts & Science, National Academy of Inventors, US National Academy of Sciences, Henry Bohn Hass Distinguished Professor, *Department of Chemistry, Purdue University, 560 Oval Drive, West Lafayette, IN 47907, USA*; 177 Prophet Drive, West Lafayette, IN 47906 USA [Tel (+1) (765) 494-5263; Email [cooks@purdue.edu](mailto:cooks@purdue.edu)].



**1988: DE JAGER, Cornelis** (*b* 1921), PhD (Utrecht), PhD (*hc*), Sp: Space Research and Astrophysics; Emeritus Professor, *Space Research University of Utrecht, Molenstraat 22, 1791 DL Den Burg, NL*; Royal Netherlands Institute for Sea Research, PO Box 59, 1790 AB DEN BURG, The Netherlands, NL [Tel (31-222) 320-816 (R), (31-6) 2042-0611 (M); Email [info@cdejager.com](mailto:info@cdejager.com); Web <http://www.cdejager.com>].



**2016: ELLIS, Jonathan R** (*b* 1946), PhD, Sp: Particle Physics, Cosmology, Astrophysics and Quantum Gravity; FRS, Scientist, *Clerk Maxwell Professor of Theoretical Physics, Physics Department, King's College, Strand, London WC2R 2LS, UK* [Tel +44 (020) 7848-2470 (O); Email [john.ellis@cern.ch](mailto:john.ellis@cern.ch); Web <http://www.kcl.ac.uk/nms/depts/physics/people/academicstaff/ellis.aspx>].



**2023: FAYER, MICHAEL D** (*b* 1947), PhD, Sp: Physical Chemistry; FRSC, FAPS, FNAS-USA, FAAAS FOSA, David Mulvane Ehram and Edward Curtis Franklin Professor of Chemistry, *Department of Chemistry, Stanford University, Stanford, CA 94305-5080* [Tel 1 650 723-4446 (O); Email [fayer@stanford.edu](mailto:fayer@stanford.edu)]; **Medal:** William F. Meggers Award (OSA), Peter Debye Award in Physical Chemistry (ACS), Ahmed Zewail Award in Ultrafast Science and Technology (ACS), Arthur L. Schawlow Prize in Laser Science (APS), Ellis R. Lippincott Award (OSA), E. Bright Wilson Award for Spectroscopy (ACS), Earl K. Plyler Prize for Molecular Spectroscopy (APS), Pittsburgh Spectroscopy Award (SSP).

**2013: FLEMING, Graham R** (b 1949), PhD, Sp: Physical Chemistry and Chemical Physics; FRS, Fellow, Am Acad Arts & Sc, Member, Nat Acad Sc, USA, Member, Am Philosoph Soc, Professor of Chemistry, *Department of Chemistry, 221 Hildebrand Hall, University of California, Berkeley, California 94720, USA* [Tel (510) 643-2735; Fax 642-6340; Email [Fleming@berkeley.edu](mailto:Fleming@berkeley.edu), [grfleming@lbl.gov](mailto:grfleming@lbl.gov)].



**2012: GLEITER, Herbert** (b 1938), PhD, Sp: Nano materials, Solid State Physics, Materials Science; Fellow, Japanese Society for the Promotion of Science; Honorary Member, German Materials Society; Fellow and Honorary Member, Materials Research Society (USA); Fellow and Honorary Member, Materials Research Society of India; Honorary Member, American Nano Society; Fellow of Indian Society of Mathematical Modeling; German National Academy of Sciences, Leopoldina; US National Academy of Engineering; American Academy of Arts and Sciences; EU Academy of Sciences; Academia Europaea; Indian National Academy of Engineering; Indian Academy of Sciences; European Academy of Sciences; European Academy of Sciences and Arts; Tamil Nadu Academy of Sciences; Global Academy of Engineering; Honorary Doctorates of the Universities Darmstadt, Muenster, ETH Zuerich, City University of Hong Kong; Lanzhou University; Zhejiang University; Director Emeritus and Institute Professor, *Institute of Nanotechnology, Karlsruhe Institute of Technology, Hermann-von-Helmholtz-Platz, D-76344 Karlsruhe-Eggenstein, Germany* [Tel +49 (0721) 6082-6351; Email [herbert.gleiter@partner.kit.edu](mailto:herbert.gleiter@partner.kit.edu)].



**2020: GRANER, Andreas** (b 1957), PhD, Sp: Crop Genomics, Genetic Diversity and Genebank Research; Fellow, German National Academy of Sciences, Leopoldina, FNAAS, former Executive Director, *Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Corrensstr. 3, D-06466 Seeland OT Gatersleben, Germany* [Tel +49 (0) 39482-5219; Fax 39482-5500; Email [graner@ipk-gatersleben.de](mailto:graner@ipk-gatersleben.de); Web <http://www.ipk-gatersleben.de>].



**2018: GREWAL, Shiv IS** (b 1965), PhD, Sp: Epigenetics, Chromatin Modifications and RNA-mediated Chromatin Assembly Pathways; Fellow, US National Academy of Sciences, Fellow, American Academy of Arts and Sciences, NIH Distinguished Investigator, Chief of the Laboratory of Biochemistry and Molecular Biology, Head, *Chromosome Biology Section, National Cancer Institute, National Institutes of Health, Bethesda, MD, 20892, USA*; National Institute of Health, 9000 Rockville Pike, Building 37, Room 6068, Bethesda, MD 20892 [Tel (240) 760-7553 (O); Email [shiv.grewal@nih.gov](mailto:shiv.grewal@nih.gov); Web <https://ccr.cancer.gov/Laboratory-of-Biochemistry-and-Molecular-Biology/shiv-grewal>].



**2008: GROSS, David J** (b 1941), PhD, NL, Sp: String Theory; Chancellor's Chair Professor of Theoretical Physics, *Kavli Institute for Theoretical Physics, University of California at Santa Barbara, CA 93106-4030, USA*





**2011: HACKER, Jorg Hinrich** (*b* 1952), Prof Dr Dr h.c.mult.; Sp: Analysis of the Molecular Biology and Evolution of Pathogenicity Factors, Analysis of the Spread and Variability of Pathogenic Microorganisms, Study of the Interactions between Microbes and Host Cells; Member, Göttingen Academy of Sciences and Humanities, Member, EMBO, Member, Bavarian Academy of Sciences and Humanities, Member, Berlin Brandenburg Academy of Science and Humanities, Member, European Academy of Sciences and Arts, Salzburg, Fellow, Am Acad Microbiology, Fellow, Sackler Institute for Advanced Studies, Israel and Foreign Member of the Max Planck Society; President, *German National Academy of Sciences Leopoldina, Jägerberg 1, 06108 Halle/Saale* [Tel +49 (0345) 47239-910; Fax +49 (0345) 47239-919; Email joerg.hacker@leopoldina.org].



**1984: HOFFMANN, Roald** (*b* 1937), PhD, Sp: Chemistry; Fellow, NAS (USA), Am Acad Art Sc, Frank HT Rhodes Professor of Humane Letters and Chemistry, Emeritus, *Dept. of Chemistry, Cornell University, Baker Laboratory, Ithaca New York 14853-1301, USA* [Tel (607) 255-3419 (O); Email rh34@cornell.edu].



**2012: HOHN, Barbara** (*b* 1939), PhD, Sp: Biology of *Agrobacterium tumefaciens*, Genetic Stability/Flexibility of Plant Genomes; Foreign Member, Royal Society, Member, Austrian Academy of Sciences, Member, EMBO, Plant Molecular Biologist & Professor, *Friedrich Miescher Institute for Biomedical Research, Maulbeerstrasse 66, CH-4058, Basel Switzerland*, Hangstrasse 35, CH-4144 Arlesheim, Switzerland [Tel +0041 78 309 1919 (R); Email hohnba1@fmi.ch].



**1988: HOPWOOD, Sir David (Alan)** (*b* 1933), PhD, DSc, Sp: Genetics of *Streptomyces*; FRS, Hon Mem, Hung Acad Sc, Emeritus Professor of Genetics, University of East Anglia, Norwich & Emeritus Fellow, *Department of Molecular Microbiology, John Innes Centre, Norwich Research Park, Colney, Norwich NR4 7UH, UK*; 244 Unthank Road, Norwich, NR2 2AH, UK [Tel (44-1603) 450-000; Fax 450-018; Email david.hopwood@jic.ac.uk; Web <http://www.jic.ac.uk/staff/david-hopwood>].



**2014: HUBER, Robert** (*b* 1937), PhD, NL, Sp: Structural Biology; FMRS, FRS, Fellow, National Academy of Sciences, Leopoldina, Germany and American Academy of Microbiology, Member, Deutsche Chemische Gesellschaft, Gesellschaft für Biologische Chemie, EMBO, Bayerische Akademie der Wissenschaften, Deutsche Akademie der Naturforscher, Leopoldina, European Academy of Arts, Science and Humanities, Accademia Nazionale dei Lincei, Rome and Orden Pour le Mérite für Wissenschaften und Künste, Research Professor Emeritus, *Max-Planck Institute for Biochemistry, AM Klopferspitz 18, D-82152 Martinsried, Germany* [Tel 0049-89-8578-2677 (O); Fax 8578-3516; Email huber@biochem.mpg.de].



**2018: JAGADISH, Chennupati** (*b* 1957), PhD, Sp: Optoelectronics, Nanotechnology and Materials Science; FAA, FREng, FTWAS, FTSE, FNAE, Distinguished Professor and Head of Semiconductor Optoelectronics and Nanotechnology Group, *Department of Electronic Materials Engineering, Research School of Physics, Australian National University, Canberra, ACT2601, Australia* [Tel +61 (2) 6125-0363 (O); Email chennupati.jagadish@anu.edu.au].

**2015: JAIN, Rakesh Kumar** (*b* 1950), PhD, Sp: Bioengineering, Tumor Biology, Drug Delivery, In Vivo Imaging; Founding Fellow, American Institute for Medical and Biological Engineering, Member, National Academy of Medicine, National Academy of Engineering, American Academy of Arts and Sciences, National Academy of Sciences, Laureate, National Medal of Science, Andrew Werk Cook Professor of Radiation Oncology (Tumor Biology), Director, *Edwin L Steele Laboratory for Tumor Biology, Department of Radiation Oncology, Affiliated Faculty, Harvard-MIT Division of Health Sciences and Technology, Harvard Medical School and Massachusetts General Hospital, 100 Blossom Street, Cox 7, Boston, MA 02114, USA* [Tel (+1) (617) 726-4083 (O); Fax 724-1819; Email [rjain@mgh.harvard.edu](mailto:rjain@mgh.harvard.edu); Web <http://steele.mgh.harvard.edu>].



**2023: JOHN, Sajeev** (*b* 1957), PhD, Sp: Theoretical Physics; FRSC, FAPS, FOSA, Professor, *Department of Physics, University of Toronto, Toronto, Ontario, Canada M5S1A7; 1087 Staghorn Court, Mississauga, Ontario, Canada L5C3R2*; [Tel 1 416 978 3459 (O); Email [john@physics.utoronto.ca](mailto:john@physics.utoronto.ca)]



**1996: JORTNER, Joshua** (*b* 1933), PhD Sc (*bc*), Sp: Chemical Physics, Solid State Physics; Academies, Nat-Israel Acad Sc and Humanities, International-Acad Quantum Molecular Sc, Am Phil Soc, R Danish Acad Sc and Letters, Am Acad Arts and Sc, Polish Acad Sc, Romanian Acad Sc, European Acad Sc and Arts, Nat Acad Sc (USA), Russian Acad Sc, Leopoldina Acad Sc, Royal Netherlands Acad Arts Sci, Learned Society of the Czech Republic, Chemical Research Society of India; formerly President, Israel Acad Sc and Humanities, Past President IUPAC, *School of Chemistry, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University, Tel Aviv 69978, Israel* [Tel (972) 3-640-8322; Fax (972) 3-641-5054; Email [jortner@post.tau.ac.il](mailto:jortner@post.tau.ac.il); Web [www.tau.ac.il/chemistry/jortner/](http://www.tau.ac.il/chemistry/jortner/)].



**2014: KAILATH, Thomas** (*b* 1935), ScD, Sp: Information Systems (Communications, Control, Computing, Signal Processing); FASc, FNASc, FNAE, FTWAS, US National Medal of Science, Member, US National Academy of Sciences, US National Academy of Engineering, American Academy of Arts and Sciences, Foreign Member, Royal Society of London, Royal Spanish Academy of Engineering, Hitachi America Professor of Engineering, Emeritus, Information Systems Laboratory, *Department of Electrical Engineering, Stanford, CA 94305-9510, USA; 346 Greenoaks Drive, Atherton, CA 94027-2116* [Tel (001-650) 494-9401 (O); Email [kailath@stanford.edu](mailto:kailath@stanford.edu), [profkailath@yahoo.com](mailto:profkailath@yahoo.com); Web [www.stanford.edu/~tkailath/](http://www.stanford.edu/~tkailath/)].



**2013: KLEINER, Matthias** (*b* 1955), PPhD, Sp: Material Science and Material Processing Modeling, Simulation and Control, Production Engineering, Lightweight Construction; Full Professor IUL TU Dortmund, Fellow, German National Acad. Leopoldina, Fellow, Berlin-Brandenburg Acad. Science, Fellow, Acatech – National Acad. Engineering, Fellow, Acad. Europea, Fellow, Europ. Acad. Sciences and Arts, Fellow, Swiss Acad. Tech. Sciences, Fellow, CIRP-Intern. Acad. Prod. Engineering; Chair, Global Learning Council (2018-2022); President, German Research Foundation (DFG) (2007-2012), Member of the Scientific Council of the European Research Council (ERC) (2012-2016); President, Leibniz Association (2014-2022), *Baroper Straße 244, D-44227 Dortmund, Germany* [Email [matthias.kleiner@udo.edu](mailto:matthias.kleiner@udo.edu)].





**2023: Knust, Elisabeth** (*b* 1951), PhD, Sp: Developmental Biology, Cell Biology, Genetics; Professor, *Max-Planck-Institute of Molecular Cell Biology and Genetics Pfotenbauerstr. 108, 01307 Dresden; Germany; Ludwig-Hartmann-Str. 18 01277 Dresden; Germany* [Tel 49-351-31 395 440 (O); 49-171-55 68 205 (M); Email knust@mpi-cbg.de].



**1998: LEE, Yuan T** (*b* 1936), PhD, NL, Sp: Physical Chemistry (Chemical Dynamics & Photo Chemistry); Foreign Member, National Academy of Sciences, Royal Swedish Academy of Engineering Sciences, Bangladesh Academy of Sciences, Honorary Foreign Member, The Korean Academy of Science and Technology, Hungarian Member, Chemical Research Society of India, The Japan Academy, The Hungarian Academy of Sciences, Science Council of Japan; External Member, Max Planck Institute fur Stromungsforschung; Corresponding Member, Gottingen Academy of Sciences; Fellow, American Academy of Arts and Science, Third World Academy of Sciences, Honorary Fellow, RIKEN of Japan; Academician, Academia Sinica; Pontifical Academy of Sciences; President Emeritus and Distinguished Research Fellow, Academia Sinica; Immediate Past President of ICSU; From January 2023, He was appointed as Tsai Chang-Hai Nobel Laureate Honorary Chair Professor, Chinese Medical University; *Genomic Research Center, Academia Sinica, 2nd Floor, 128, Section 2, Academia Road, Nankang, Taipei 115, Taiwan* [Tel (886-2) 2789-8802; Fax 2789-8801; Email ytlec@gate.sinica.edu.tw]; **Medal:** JL Nehru Birth Centenary (2004).



**2011: LEGGETT, Anthony James** (*b* 1938), PhD, NL, Sp: Condensed Matter Physics, particularly High Temperature Superconductivity, Superfluidity and Foundations of Quantum Mechanics; Member, National Academy of Sciences, USA, Member, American Philosophical Society, Member, American Academy of Arts and Sciences, Foreign Member, Russian Academy of Science, Fellow, Royal Society, UK, Fellow, Institute of Physics, Fellow, American Physical Society and Honorary Fellow, Institute of Physics, Professor of Physics, *John D and Catherine T MacArthur Professor of Physics (Emeritus), University of Illinois, Urbana-Champaign, Urbana, Illinois, USA* [Tel +1 (217) 333-2077; Fax 333-9819; Email aleggett@illinois.edu].



**2010: LEY, Steven V** (*b* 1945), Sp: Organic Chemistry; FRS; Fellow Acad. Med. Sci., UK; Professor; *Yusuf Hamied Department of Chemistry, Cambridge University, Lensfield Road, Cambridge CB2 1EW, UK*; [Tel (01223) 336-398; Email svl1000@cam.ac.uk].



**1999: LLEWELLYN SMITH, Christopher Hubert** (*b* 1942), DPhil (Oxon), Sp: Theoretical Particle Physics, Energy Technologies and Policy; FRS, Academia Europea, *Oxford University, Theoretical Physics, Clarendon Laboratory, Parks Road, Oxford OX1 3 PU, UK* [Tel 44 (0) 1865 273996; Email c.llewellyn-smith@physics.ox.ac.uk].



**2018: MAINI, Philip Kumar** (*b* 1959), DPhil (Oxon), Sp: Mathematical Biology; FRS, FMedSci, Statutory Professor of Mathematical Biology, Director, *Wolfson Centre for Mathematical Biology, Mathematical Institute, University of Oxford, Andrew Wiles Building, Radcliffe Observatory Quarter, Woodstock Road, Oxford OX2 6GG, UK* [Tel +44 (1865) 280-497, 283-889 (O), 864-352 (R), +44 (0) 75-052-23670 (M); Email maini@maths.ox.ac.uk].

**2024: MALIK, Harmit Singh** (*b* 1973), PhD, Sp: Evolutionary genetics, Member of US National Academy of Sciences, Professor of Basic Sciences & HHMI Investigator, 1100 Fairview Avenue N., A2-025, Seattle WA-98109 USA, 612, N 203rd Ct Shoreline WA 98133 USA; [Tel +001 (206) 667-5204 (O); Email hsmalik@fredhutch.org].



**1986: McKENZIE, Dan Peter** (*b* 1942), PhD, DSc (hc), Sp: Earth & Planetary Sciences; FRS, Nat Acad Sc (USA), Honorary Member Japan Academy, Member of the Companions of Honour (CH), Emeritus Professor of Earth Sciences, *Department of Earth Sciences, Bullard Laboratories, Cambridge Univ, Madingley Road, Cambridge CB3 0EZ UK* [Tel (44-1223) 337-177 (O); Fax 360-779; Email mckenzie@madingley.org].



**2023: McNutt, Marcia Kemper** (*b* 1952), PhD, Sp: Geophysics; FCASc, President, *National Academy of Sciences, 500 Fifth Street NW Washington, DC 20001*; 111119th Street North, #2003, Arlington, VA 22209 [Tel 1(202)334-2101 (O); Email mmcnuutt@nas.edu].



**1983: MIYAKE, Saburo** (*b* 1924), Dr of Science, Sp: Cosmic Rays; Hon Fellow, TIFR and Foreign Fellow, Nat Acad Sc India, Professor Emeritus, Kanagawa University; University of Tokyo, Osaka City University; *6-16-3 Mukougaoka Uenohiba Sakai-shi, Osaka, 543, Japan* [Tel (0722) 781-606 (R); Email miyake@alpha.sci.osaka-cu.ac.jp].



**2022: MUKAMEL, Shaul** (*b* 1948), PhD, Sp: Theoretical Chemical Physics, Fellow, National Academy of Science, USA, Mem, American Academy of Arts & Science, American Association for the Advancement of Science, Distinguished Professor of Chemistry and of Physics and Astronomy, *University of California, Irvine, Department of Chemistry-1102 Natural Sciences II, Irvine, CA 92697-2025* [Tel (+1) (949) 824-7600; Fax 824-8571; Email smukamel@uci.edu; Web <http://mukamel.muk.ps.uci.edu>]



**2010: MÜLLER, Achim** (*b* 1938), Sp: Inorganic Chemistry; Professor, *Faculty of Chemistry, University of Bielefeld, Postfach 10 01 31, 33501 Bielefeld, Germany* [Tel +49 (0) 5231 21706 (M); Fax +49 (0) 5231 21705; Mob 01725220891; Email a.mueller@uni-bielefeld.de].





**1980: NOSSAL, Sir Gustav Joseph Victor** (*b* 1931), AC, CBE, MBBS, PhD (Melb), MD (*hc*), DSc (*hc*), LL.D (*hc*), Sp: Medical Biology and Immunology; FRCP, FRACP, FRCPA, FRACOG (Hon), FRCPath, FRACGP, FRSE, FTSE, FAA, FRS, Consultant, World Health Organization and Bill and Melinda Gates Foundation; formerly Director, The Walter and Eliza Hall Institute of Med Res and Professor of Med Biology, The University of Melbourne, *Department of Pathology, The University of Melbourne, Parkville, Victoria 3010, Australia* [Tel (+61-3) 9853-8256; Email gnossal@bigpond.net.au].



**2011: OGAWA, Seiji** (*b* 1934), PhD, Sp: Functional MRI; Member, National Academy of Sciences, USA, Member, National Academy of Medicine, Honorary Member, Japanese Society of Magnetic Resonance in Medicine, Honorary Member, Japanese Society of Nuclear Magnetic Resonance, Honorary Member, National Magnetic Resonance Society of India and Fellow, International Society for Magnetic Resonance in Medicine, Director, *Ogawa Laboratories for Brain Functions Research, Hamano Life Science Research Foundation, Tokyo, Japan* [Tel +81 3 5919 3992 (O), +81 467 31 4350 (R); Fax 81 (0)3 5919 3993; Email ogawa@hlsrf.or.jp].



**2001: O'NIONS, Robert Keith** (*b* 1944), Director General, *Science and Innovation, Department for Innovation, Universities and Skills, 1 Victoria St., London, SW1H 0ET, UK* and *Department of Earth Sciences, University of Oxford, OX1 3PR, UK* [Tel (+44) 207-215-3803; Email keith.onions@dus.gsi.gov.uk].



**2009: PALIS, Jacob Jr** (*b* 1940), PhD, Sp: Mathematics: Dynamical Systems, Their Stability and Scenarios to Chaos; President, Academy of Sciences for Developing World (TWAS), Vice-President Brazil Academy of Sciences, Member, Chinese Academy of Sciences, European Academy of Sciences and Norwegian Academy of Sciences, Foreign-Member, Mexican Academy of Sciences, French Academy of Sciences and US National Academy of Sciences, *Estrada Dona Castorina, 110 Rio de Janeiro-Brazil 22460-32* [Tel (+55 21) 2529-5136; Fax 2512-4115; Email jpalis@impa.br].



**1994: PASCAL, Jean Pierre** (*b* 1944), DSc, Sp: Forest Ecology, Biodiversity, Biogeography; FNASc, formerly Director of Research, National Centre for Scientific Research; *43, Avenue Rockefeller, 69003, Lyon, France* [Tel (33) (0) 96708-8344 (R); Email andree.pascal@yahoo.fr].



**1982: PATEL, Chandra Kumar Naranbhai** (*b* 1938), PhD, ScD (*hc*), Sp: Laser, Quantum Electronics, Defense and Homeland Security Optoelectronics; FASc, NAS (USA), NAE (USA), Am Acad Arts & Sc., Recipient US National Medal of Science; Past President, Am Phys Soc., Sigma Xi, President, CEO and Chairman of the Bd., Pranalytica, Inc., 1101 Colorado Avenue, Santa Monica, CA 90401-3009, USA, Professor, Department of Physics & Astronomy, UCLA, USA; *1171 Roberto Lane, Los Angeles, CA 90077, USA* [Tel (310) 458-3345 (O), 614-7390 (R); Fax 458-0171; Email patel@pranalytica.com].



**2019: PAYNE, Sir David Neil** (b 1944), PhD, Sp: Photonics, Optoelectronics (Communication Engineering); FRS, FREng, FNAE, Marconi Fellow, Foreign Fellow, Russian Academy of Sciences, Norwegian Academy of Sciences, Director, *Optoelectronics Research Centre / Zeppler Institute, University of Southampton, Southampton, SO17 1BJ, UK*; 13 Sylvan Lane, Hamble, Southampton SO31 4QG, UK [Tel (44-23) 8059-3583, 8059-3142; Email [dnp@soton.ac.uk](mailto:dnp@soton.ac.uk)].



**1991: PEACOCK, William James** (b 1937), AC, PhD, DSc Ag (bc), DSc (bc); Sp: Plant Molecular Biology, Crop Improvement; FAA, FRS, FAIAST, FTSE, Foreign Assoc, Nat Acad Sc (USA), Chief Scientist Australian Government (2006-2008), President, Australian Academy of Science (2002-2006), CSIRO Fellow and Distinguished Professor, *University of Technology Sydney, CSIRO Agriculture, GPO Box 1600, Canberra ACT 2601, Australia* [Tel (61-2) 6246-5250 (O), 6281-4485 (R); Fax 6246-4866; Email [jim.peacock@csiro.au](mailto:jim.peacock@csiro.au)].



**2011: PISIER, Gilles Jean Georges** (b 1950), PhD, Sp: Functional Analysis, Probability, Harmonic Analysis, Operator Theory, C\*-Algebras; Elected Membre Correspondant, Académie des Sciences de Paris, Elected Académico Correspondiente, Real Academia de Zaragoza, Elected Membre, Académie des Sciences de Paris, Elected Foreign Member, Polish Academy of Science, Emeritus Professor, *Sorbonne Université, Paris, France*, Distinguished Professor at Texas A&M University, Texas [Tel 001 979 845-7278; Email [pisier@math.tamu.edu](mailto:pisier@math.tamu.edu), [gilles.pisier@imj-prg.fr](mailto:gilles.pisier@imj-prg.fr)].



**1994: PLATONOV, Vladimir Petrovich** (b 1939), PhD, Sp: Algebraic Groups and Algebraic Number Theory; Academician, Russian Academy of Sciences, National Academy of Sciences of Belarus, *Chief Scientist of the Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Nabimovskii Prospect, 36, Building 1, Moscow 117 218, Russia* [Email [platonov@niisi.ras.ru](mailto:platonov@niisi.ras.ru)].



**2011: POLANYI, JC** (b 1928), PhD, NL, Sp: Molecular Reaction Dynamics; Member, Queen's Privy Council for Canada, Fellow, Royal Society, Canada; Fellow, Royal Society, London, Fellow, Royal Society, Edinburgh, Fellow, American Academy of Arts and Sciences, Fellow, US National Academy of Sciences, Fellow, Pontifical Academy of Rome and Fellow, Russian Academy of Sciences; University Professor, *Department of Chemistry, University of Toronto, Toronto, Canada* [Tel +1-416-978-3580; Fax 416-978-7580; Email [jpolanyi@chem.utoronto.ca](mailto:jpolanyi@chem.utoronto.ca)].



**2024: POOR, Harold Vincent** (b 1951), PhD, Sp: Information Theory, Communication Theory, Wireless Networks, Member, *National Academy of Sciences (U.S.)*, Professor, Dept., of Electrical and Computer Engineering, B330 Engineering Quadrangle, Princeton University, Princeton, NJ 08544 USA; [Tel +1 (609) 258-1816 (O)]; Email [poor@princeton.edu](mailto:poor@princeton.edu)





**2008: PURCELL, Robert Harry** (*b* 1935), formerly Chief, Hepatitis Viruses Section, Laboratory of Infectious Diseases, 50 South Drive, Bldg 50, Rm 6535, National Institute for Allergy and Infectious Diseases, *National Institutes of Health, Bethesda, MD, 20892-8009, USA* [Tel (301) 496-5090; Fax 402-0524].



**2017: QADRI, Firdausi** (*b* 1951), PhD, Sp: Biochemistry, Immunology, Vaccine Research; FTWAS, Fellow, Bangladesh Academy of Sciences; Fellow, American Academy of Microbiology; Senior Director, *Infectious Diseases Division* and Head, *Mucosal Immunology and Vaccinology Unit, ICDDR, b, 68, Shabeed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212*; House-48, Road-9, Block-B, Bashundhara R/A, Dhaka 1212 [Tel +880 (02) 982-7035/32 (O); Fax 982-7077; Email fqadri@icddr.org].



**2009: RAM MURTY, Maruti** (*b* 1953), PhD, Sp: Number Theory; Fellow Royal Society of Canada, American Mathematical Society, Canadian Mathematical Society, Fields Institute Fellow, Simons Fellow; *Department of Mathematics, Jeffery Hall, Queen's University, Kingston, Ontario, K7L 3N6, Canada*; Suite 1006, 5 Gore Street, Kingston, Ontario, K7L0A1, Canada [Tel 613-533-2413 (O), 613-548-4381 (R); Fax 613-533-2964].



**2009: RAMAKRISHNAN, Venkatraman** (*b* 1952), PhD, FRS, Sp: Structural Biology, Molecular Biology; Member, National Academy of Sciences (USA); Nobel Prize (2009), President, Royal Society; *MRC Laboratory of Molecular Biology, Cambridge, CB2 0QH, England* [Tel + 44(0) 1223 402 214; Email ramak@mrc-lmb.cam.ac.uk]; **Medal:** J.L. Nehru Birth Centenary (2016).



**2022: RAMESH, Ramamoorthy** (*b* 1960), PhD, Sp: Condensed Matter Physics, Materials Science, Fellow, *National Academy of Engineering, USA*, FRS, Vice President for Research, Rice University, Houston, TX 77005; Email: rr73@rice.edu; Phone: 713-348-5295.



**1992: RAMSAY, John Graham** (*b* 1931), DSc (Lond), PhD (Lond), Dr. (*hc*) Univ. Rennes, France, FRS, CBE, Hon Professor of Geology, Department of Earth Sciences, University of Cardiff; Emeritus Professor of Geology, *Geologisches Institute, ETH Zentrum, CH-8092, Zurich, Switzerland*; 2nd address-Cratoule, Issirac, F-30760, *St Julien de Peyrolas, France* [Tel 33 4 66 82 32 28; France 04 66 823228; Email ramsay-dietrich@wanadoo.fr].



**1990: RAVEN, Peter H** (*b* 1936), PhD, DSc (*hc*), Sp: Systematic Botany, Evolution, Conservation; President Emeritus, *Missouri Botanical Garden, 1037 Cy Ann Drive, Town and Country, Missouri 63017-8402, USA*; [Tel (314) 302-1556 (M); Email peter.raven@mobot.org]

**2021: RAVISHANKARA, Akkihebbal Ramaiah** (b 1949), PhD, Sp: Atmospheric Chemistry; University Distinguished Professor, *Colorado State University, Fort Collins, CO 80523, USA*; Campus Mail 1872, Colorado State University, Fort Collins, CO 80523-1872, USA [Tel +1 970 491 2876, +1 720 938 1604 (M); Email a.r.ravishankara@coIostate.edu].



**1988: REDDY, Raj** (b 1937), BE (Civil Engg), MTech, PhD, DSc (*hc*), Sp: Human-Computer Interaction and Artificial Intelligence, Spoken Language Systems, Gigabit Networks, Universal Digital Libraries, and Distance Learning; Fellow, IEEE, Acoust Soc of Am, AAAI, Mem, Nat Acad Engg, Am Acad Arts & Sc, *University Professor of Computer Science and Robotics, Carnegie Mellon University, 5325, Wean Hall, Pittsburgh, Pa 15217, USA* [Tel (412) 268-7170 (O), 268-2572 (R); Fax 683-5348; Email rr@cmu.edu].



**1993: REMBOLD, Heinz** (b 1928), Head (Retd) and Professor of Biochemistry, Max-Planck-Institute for Biochemistry, D-82152, Martinsried; *Luise-Kiesselbach-Platz 2, Münchenstift, Haus St. Josef, D-81377, München, Germany* [Telefax (+49 89) 723-9487; Email heinz.rembold@web.de].



**1989: RIMAN, Josef Vavrinec** (b 1925), MD, PhD, DSc (Chem), DSc (Biol, *hc*), Sp: Biochemistry & Molecular Biology of Retroviruses; Full Mem, Central European Acad Sc & Art, CS Acad Sc, Hon Mem, Hungarian Acad Sc, Biol Chem Soc, Foreign Mem, Bulgarian Acad Sc, Acad Sc USSR, Russian Acad Sc, Acad Sc GDR, GW Leibniz Soc, Germany, Leading Scientist, Director-Founder, Institute of Molecular Genetics (formerly President), Czechoslovak Academy of Sciences, Flemming n 2, Prague 6 16637, Czech Republic; *Neberovska St 18, 16000 Prague 6, Czech Republic* [Tel (00420) 23333- 5626 (R) (Czech Republic); Email riman@img.cas.cz].



**2019: SACHDEV, Subir** (b 1961), PhD, Sp: Condensed Matter Theory; Foreign Member, Royal Society (UK); Fellow, US National Academy of Sciences, American Academy of Arts and Sciences, American Physical Society, Herchel Smith Professor of Physics, *Department of Physics, Harvard University, Cambridge, MA 02138, USA* [Tel (617) 495-3923; Email sachdev@g.harvard.edu].



**2018: SMITH, Peter** (b 1965), PhD, Sp: Climate Change Impacts and Mitigation Options in Agriculture, Land and Soils; FRS, FRSE, FRSB, Professor of Soils & Global Change, *Institute of Biological and Environmental Sciences, University of Aberdeen, 23 St Machar Drive, Aberdeen, AB24 3UU, Scotland, UK*; Moorlands Cottage, Hightown, Collieston, Ellon, AB41 8RS, Scotland [Tel +44 (1224) 272-702 (O), 79-564-57886 (M); Fax 272-703; Email pete.smith@abdn.ac.uk; Web <https://www.abdn.ac.uk/people/pete.smith/>].





**2008: SREENIVASAN, Katepalli R** (b 1946), University Professor and Eugene Kleiner Chair for Innovation, Tandon School of Engineering, Physics Department, and the Courant Institute of Mathematical Sciences, New York University; 88, *Starin Drive, Stamford, CT 06902, USA* [Email [katepalli.sreenivasan@nyu.edu](mailto:katepalli.sreenivasan@nyu.edu)]; **Lecture:** Jagadis Chandra Bose Memorial (2022).



**2013: SRIDHAR, Tamarapu** (b 1949), PhD, Sp: Chemical Engineering; Fellow, Aust Acad of Technological Sc & Engg, Fellow, Aust Acad Sc, Fellow, Institute of Chemical Engineers, UK, Sir John Monash Distinguished Professor Emeritus and former Dean of Engineering and Vice President (China and India Initiatives), *Monash University, Wellington Road, Clayton, Victoria 3800, Australia*; 77 Hilton Street, Mount Waverley, Victoria 3149, Australia [Tel (061) 417-010-796 (M); Email [tam.sridhar@eng.monash.edu.au](mailto:tam.sridhar@eng.monash.edu.au)].



**2017: STAROBINSKY, Alexei A** (b 1948), MS, PhD, Sp: Gravitation, Astrophysics & Cosmology; FNASc, Academician, Russian Academy of Sciences, International Member, US National Academy of Sciences; Member, German National Academy of Sciences Leopoldina, Norwegian Acad Sc & Letters; Physicist, Principal Research Scientist, *Landau Institute for Theoretical Physics, Chernogolovka Moscow region 142432, Russia* [Tel 7 (495) 959-3198 (R), 7 (916) 597-5427 (M); Email [alstar@landau.ac.ru](mailto:alstar@landau.ac.ru)].



**2021: SUNYAEV, Rashid A** (b 1943), PhD, Sp: Theoretical Astrophysics, Cosmology, High Energy Astrophysics, X-ray Astronomy, Space Research; Professor of Astrophysics, *Max Planck Institute for Astrophysics, Kari-Schwarzschild-Str. 1, 85748 Garching, Germany* and *Space Research Institute (IKI) of Russian Academy of Sciences, 84/32 Profsoyuznaya Street, 117997, Moscow, Russia* [Tel 49/89 / 30000-2244; Fax 089 / 30000-2899; Email [sunyaev@mpa-garching.mpg.de](mailto:sunyaev@mpa-garching.mpg.de)].



**2016: SUR, Mriganka** (b 1953), PhD, Sp: Neuroscience; FRS, FTWAS, FAAAAS, FNASc, Newton Professor of Neuroscience, Director, *Simons Centre for the Social Brain, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology, 43 Vassar Street, 46-6237, Cambridge, MA 02139, USA* [Tel (617) 253-8784 (O); Fax 253-9829; Email [msur@mit.edu](mailto:msur@mit.edu); Web <http://www.surlab.org>, <http://bcs.mit.edu/sur>, <http://scsb.mit.edu>].



**2014: SURESH, Subra** (b 1956), ScD, Sp: Mechanical Behaviour of Materials, Cell Biophysics and Human Diseases, Science and Academic Policy and Administration; FASc, FTWAS, FNAE, Fellow, American Academy of Arts and Sciences, Member, US National Academy of Sciences, National Academy of Sciences, National Academy of Medicine, German National Academy of Sciences, Spanish Royal Academy of Sciences, Royal Swedish Academy of Engineering Sciences, President, *Nanyang Technological University, 50 Nanyang Avenue, Administration Building, Singapore 639798*; formerly Director, US National Science Foundation [Tel (+65) 6592 2694 (O); Email [d-po@ntu.edu.sg](mailto:d-po@ntu.edu.sg)].

**2010: TAKEDA, Yoshifumi** (b 1935), MD, PhD, Sp: Bacterial Enteric Toxins and Diarrhoeal Diseases; Emeritus Member, National Institute of Infectious Diseases; 2-1-3 Nukuikitamachi, Koganei, Tokyo 184-0015, Japan [Email [takeda@noguchihideyo.or.jp](mailto:takeda@noguchihideyo.or.jp)].



**1978: TATA, Jamshed Rustom** (b 1930), D-es-Sc, Sp: Molecular and Developmental Biology, Endocrinology; FNASc, FTWAS, FRS, formerly Head, Department of Developmental Biochemistry, MRC Nat Institute of Med Res, Mill Hill, London NW7 IAA, UK; 15, Bittacy Park Avenue, London NW7 2HA, UK [Tel (44-20) 8346-6291 (R); Email [jrtata134@clara.co.uk](mailto:jrtata134@clara.co.uk), [Jamshed.Tata@crick.ac.uk](mailto:Jamshed.Tata@crick.ac.uk)].



**2016: VALE, Ronald** (b 1959), PhD, Sp: Biophysics; FAAAS, Fellow, US National Academy of Sciences, Professor, Department of Cellular and Molecular Pharmacology, Investigator, Howard Hughes Medical Institute (HHMI), *The University of California, San Francisco, GH-N312E, MC 2200, 600 16th Street, San Francisco, CA, 94158-2517, USA* [Tel +1 (415) 476-6380 (O); Fax 476-5233; Email [vale@cmp.ucsf.edu](mailto:vale@cmp.ucsf.edu); Web <http://valelab.ucsf.edu>].



**2008: VARADHAN, SR Srinivasa** (b 1940), *Professor of Mathematics and Frank J Gould Professor of Science, Courant Institute of Mathematics, New York 10012, USA.*



**2024: VENKAT NARAYAN, Kabayam M** (b 1956), MD, Sp: Medicine, Diabetes, Public Health, Executive Director, *Emory Global Diabetes Research of Woodruff Health Sciences Center and Emory University, Rollins School of Public Health, 1518, Clifton Rd., NE, Atlanta, 30322, USA*, 5684, Redcoat Run, Stone Mountain, GA, 30087, USA ; [Tel +1 (404) 627-8402 (R), +1(404) 667-4751; Email [knaraya@emory.edu](mailto:knaraya@emory.edu)]



**2024: VENKATESAN, Thirumalai Venky** (b 1949), PhD, Sp: Nano Science, Quantum Science and Technology, FRS, *Prof. of Physics & ECE, Centre for Quantum Research & Tech. Lin Hall, University of Oklahoma, Norman OK 73019, 3216, Ellicott St NW Washington DC 20008 USA*; [Tel +1 (202) 725-3567 (M); Email [venky@ou.edu](mailto:venky@ou.edu)]



**2005: VERMA, Inder M** (b 1947), PhD, Sp: Molecular Biology; American Cancer Society Professor of Molecular Biology, *1620 Valdes Dr, La Jolla, California, 92037* [Tel 858-551-7558, 858-967-9260 (M); Email [imohanv1@gmail.com](mailto:imohanv1@gmail.com)].





**1994: VIJH, Ashok Kumar** (b 1938), OC, CQ, KC StJ, PhD, LL.D (hc), DSc (hc), Sp: Electrochemistry, Interfacial Materials Science; FRS, President, The Academy of Science of The Royal Society of Canada, FTWAS, European Acad Arts, Sc & Humanities, Nat Acad Sc, India, Academie Francophone d'Ingenieurs (Paris), Maitre De Recherche, *Institute de Recherched'Hydro-Quebec (IREQ), 1800 blvd. Lionel Boulet, Varennes Quebec, Canada, J3X 1S1*; 291 De la Commune Ouest, # 45, Montreal, Qc, Canada, H2Y2E1 [Tel (450) 652-8234 (O), (514) 282-0408 (R); Fax (450) 652-8424; Email ashok@ireq.ca].



**2001: WHITESIDES, George M** (b 1939), Sp: Organic and Physical Chemistry, Material Science, Biochemistry, Surface Science, Self-Assembly; Woodford L and Ann A Flowers University Professor, *Department of Chemistry, Harvard University, 12 Oxford Street, Cambridge, MA 02138-2902, USA* [Tel (617) 495-9430 (O); Fax 495-9857; Email gwhitesides@gmwgroup.harvard.edu].



**2009: WIESEL, Torsten** (b 1924), MD, NL, Sp: Neurobiology; Member, US National Academy of Sciences, Royal Swedish Academy of Sciences (Sweden), For Fellow of the Royal Society (UK), Recipient of the National Medal for Science (USA), Recipient of the order of Rising Sun, Grand Cordon (Japan), Nobel Prize in Physiology or Medicine (1981); Chair, Board of Governors, International Okinawa Institute of Science and Technology (2011-2017), Co-Chair (2002-2010); Professor & President Emeritus, *The Rockefeller University, 1230 York Avenue, New York, NY 10065*; formerly Secretary General, the International Human Frontier Science Programme Organization, France [Tel +1 (212) 327-7093 (O); Email wiesel@rockefeller.edu].



**2023: Withers Philip John** (b 1963), PhD, Sp: Materials Science; FRS, FEng, Regius Professor of Materials, University of Manchester, UK, Henry Royce Institute Hub Building, The University of Manchester, Manchester, M13 9PL, UK; 31 Strines Road, Marple, Stockport, Manchester, SK6 7DT, UK [Tel +447884450865 (M); Email p.j.withers@manchester.ac.uk].



**2017: WOLYNES, Peter Guy** (b 1953), PhD, Sp: Theoretical Chemistry, Chemical Physics, Theoretical Biophysics; Fellow, American Physical Society, Fellow, American Academy of Arts and Sciences, Fellow, American Association for the Advancement of Science; Member, National Academy of Sciences, USA, German National Academy of Sciences, Leopoldina, American Philosophical Society, Foreign Member, Royal Society of London, D.R. Bullard-Welch Foundation Professor of Science, *Rice University, Center for Theoretical Biological Physics-BRC, 6100 Main Street, MS 654, Houston, TX 77005, USA* [Tel (713) 348-4101 (O); Email pwolynes@rice.edu].

**1990: WÜTHRICH, Kurt** (*b* 1938), DPhil, DPhil (*hc*), D Med (*hc*), D Chem (*hc*), D Sci (*hc*), Dr (*hc*), NL, Sp: Structural Biology, Structural Genomics, NMR Spectroscopy; Deutsche Akademie der Naturforscher Leopoldina, Academia Europae, For Assoc, Nat Acad Sc, USA, Latvian Acad. Sc., Nordrhein–Westfälische Akademie der Wissenschaften, Korean Acad Sc and Technology, Hon Fellow, Nat Acad Sc, India, The Royal Society of Chemistry, UK, The Royal Society of Edinburgh, UK, For Hon Mem, Am Acad Arts & Sc, Associé Etranger, Académie des Sciences Institut de France, Hon Mem Schweizerische Akademie der Technischen Wissenschaften, Hungarian Acad Sc, World Acad of Young Scientists, European Acad of Sc and Arts, Foreign Member, The Royal Society, UK, Corresponding Mem, Academia Brasileira de Ciências, Professor of Biophysics, *Institute of Molecular Biology & Biophysics, ETH, Zurich, CH-8093 Zurich, Switzerland* [Tel (+41-44) 633-2473 (O); Fax (+41-44) 633-1151; Email [wuthrich@mol.biol.ethz.ch](mailto:wuthrich@mol.biol.ethz.ch)]; Professor of Structural Biology, Scripps Research, 10550 North Torrey Pines Road, La Jolla, CA 920379, USA [Tel (+1-858) 784-801; Fax 784-8014; Email [wuthrich@scripps.edu](mailto:wuthrich@scripps.edu)].



**1991: WYLLIE, Peter John** (*b* 1930), PhD, DSc (*hc*), Sp: Experimental Petrology, Subduction, Granites, Kimberlites, Carbonatites; FRS, Foreign Assoc, NAS (USA), Fellow, Am Acad Arts & Sc, For Fellow, Nat Acad Sc, India, For Mem, Russian Acad Sci, Chinese Acad Sci, Academia Europea, Honorary Member of Mineralogical Soc of Great Britain and Ireland, Mineralogical Soc of Russia; Indian Geophysical Union, German Geological Society; Honorary Fellow of the International Union of Geodesy and Geophysics and Corresponding Fellow of Edinburgh Geological Society, Professor of Geology (Emeritus), *Division of Geological & Planetary Sciences, The California Institute of Technology, Pasadena, CA 91125, USA* [Email [wyllie@gps.caltech.edu](mailto:wyllie@gps.caltech.edu); Web <http://www.gps.caltech.edu/content/peter-j-wyllie>].



**2010: YANG, Huanming** (*b* 1952), PhD, Sp: Genomics; Professor & Chairman, *BGI-Shenzhen, Beishan Industrial Zone, Yantian District, Shenzhen 518083, China* [Tel (86-0755) 3630-7888 (O); Fax 3630-7273].



## PRAVASI FELLOWS



**2015: CHAKRAVARTI, Aravinda** (*b* 1954), PhD, Sp: Human Molecular Genetics, Genetic Medicine; FASc, Director & Professor of Medicine, Pediatrics, Molecular Biology & Genetics, *Centre for Complex Disease Genomics, McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University School of Medicine, Miller Research Building, Room 579, 733 North Broadway, Baltimore, MD 21205, USA* [Tel (+1) (410) 502-7525 (O); Fax 502-7544; Email [achakra1@jhmi.edu](mailto:achakra1@jhmi.edu), [aravinda@jhmi.edu](mailto:aravinda@jhmi.edu)].



**2015: KAMAT, Prashant Vasudev** (*b* 1953), PhD, Sp: Physical Chemistry, Nanoscience, Renewable Energy; Fellow, American Association for the Advancement of Science, Faculty, John A Zahm Professor of Science, *Department of Chemistry and Biochemistry, 223B Radiation Laboratory, University of Notre Dame, Notre Dame, IN 46556, USA*; 17116 Springwood Drive, Granger, IN 46530 [Tel (+1) (574) 631-5411 (O); Fax 631-8068; Email [pkamat@nd.edu](mailto:pkamat@nd.edu); Web <http://www.nd.edu/~kamatlab>].



**2016: PAULRAJ, Arogyaswami Joseph** (*b* 1944), Sp: Information Theory, Wireless Systems; Hall of Fame - US Govt. Patent Office and Wireless History Foundation, IET Faraday Medal, IEEE AG Bell Medal, Padma Bhushan, Marconi Fellow, FNAE, FNASc, FASc, FTWAS, FIEEE, FAAAS, FCAE, FIVA, Member, US National Academy of Engineering, Fellow, American Academy of Arts and Sciences, Emeritus Professor, *Department of Electrical Engineering, Stanford University, Stanford CA 94305, USA*; 821 Tolman Dr, Stanford CA 94305, USA [Tel +1 (650) 387-4553 (M); Email [apaulraj@stanford.edu](mailto:apaulraj@stanford.edu); Web <https://apaulrajpeople.sites.stanford.edu/>].



**2016: SHARMA, Amit Prakash** (*b* 1968), PhD, Sp: Biochemistry, Biophysics, Parasitology, Microbiome; FNASc, FASc, FTWAS, also fellow of National Academy of Medical Sciences and The World Academy of Sciences, JC Bose National Fellow, Group Leader, *Molecular Medicine, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067; C5/10, Vasant Kunj, New Delhi 110070* [Tel (011) 2674-1731 (O), 98-101-11336 (M); Fax 2674-1731; Email [amit.icgeb@gmail.com](mailto:amit.icgeb@gmail.com)] **Medal:** Professor GN Ramachandran 60th Birthday Comm. (2021); **Council:** Mem 2022-.



## FELLOWS ELECTED 2023

*(Effective from 01 January 2024)*

**Abraham, Priya** (*b* 27.10.1963), PhD, Director and Scientist G, ICMR-National Institute of Virology, Pune.

Dr Abraham is one of India's leading virologists and has made significant contributions to HPV and other viral diseases in India. She has led the NIV team that standardized COVID real-time PCR, confirmed the very first virus cases; guided the nation-wide COVID laboratory network; isolated SARS-CoV-2 in cell-culture under Biosafety Level 4; visualized the coronavirus with electron microscopy; developed the first indigenous COVID KAWACH IgG ELISA; and continued whole genome sequencing and characterization of SARS-CoV-2 variants. Her contributions to the development of the whole virion inactivated vaccine Covaxin™, is of critical importance. She and her team provided virus cultures, conducted pre-clinical investigations in hamsters and macaques, and showed rapid virus clearance from respiratory samples following virus challenge in these animals, collaborating with the Bharat Biotech International Ltd. until the Phase III Clinical Trial was completed.

**Anand, Ruchi** (*b* 29.06.1975), PhD, Professor, Department of Chemistry, Structural Biochemistry Lab, Indian Institute of Technology Bombay, Mumbai.

Dr Ruchi Anand has made outstanding contributions in the area of Structural Biology by using a variety of techniques including X-ray crystallography and Cryo-EM. Her work focuses on understanding the mechanistic basis of antibiotic resistance in bacteria as well as enzymatic recognition of aromatic pollutants. Both these works have tremendous implications for combating widespread drug resistance and developing biosensors, respectively.

**Ateeq, Bushra** (*b* 26.07.1976), PhD, Associate Professor and Joy Gill Chair Professor, Molecular Oncology Lab, Department of Biological Sciences & Bioengineering, Indian Institute of Technology Kanpur, Kanpur.

Dr Bushra Ateeq is a Cancer molecular biologist who has made outstanding contributions in understanding the biology of prostate and other cancers. Her research contributions are in the genetic and epigenetic changes that are important that initiate cancer progression and the molecular events that drive resistance to chemotherapeutic drugs. Noteworthy contribution was on the role of a peptidase inhibitor, SPINK1 in the progression and drug resistance of Cancer”

**Bal, Chandrasekhar** (*b* 22.10.1960), MBBS, MD, DSc, Professor & Head, Department of Nuclear Medicine, All India Institute of Medical Sciences, New Delhi.

The pioneering research work led by Dr Bal at AIIMS, New Delhi in the field of thyroid cancer lead to the change in clinical practice all over the world. The research outcome saved patients from unnecessary high amount of whole-body radioiodine exposure, and prevented environmental hazard from excess

radioactive iodine going to sewerage, and most importantly, patients did not require hospitalization. Dr Bal's research brought the optimal dose of radioiodine to just 30 mCi for remnant thyroid cancer ablation. This work is now accepted in 2015 ATA Guidelines for the management of DTC. Dr Bal's other research work is focused on the alternative to second surgery (completion thyroidectomy) and pediatric thyroid cancer where he has contributed significantly by translating his research to clinical practice. He has significant contribution in the field of neuroendocrine tumor imaging and therapy making India in the forefront of research in this domain.

**Bandyopadhyay, Bijnan** (*b* 23.08.1956), PhD, Professor, Indian Institute of Technology Bombay, Mumbai.

For his significant and outstanding contributions to control systems theory and applications, specifically to discrete time sliding mode control, multi-rate output feedback approach, higher-order sliding mode control and event triggered sliding mode control, as well as significant applications of these advances in power electronics.

**Barik, Saroj Kanta** (*b* 12.04.1965), PhD, Professor, Department of Botany, North-Eastern Hill University, Shillong.

Has pioneering and trend setting work in disturbance ecology, climate change biology and biodiversity conservation.

**Bhatia, Sabhyata** (*b* 07.03.1964), PhD, Staff Scientist-VII, National Institute of Plant Genome Research, New Delhi.

Dr Sabhyata Bhatia has made extensive and novel contributions towards genomics analysis and development of molecular markers in legumes such as chickpea, lentil and minor pulses. She has performed quantitative trait analysis and genome wide association studies to identify genomic loci involved in controlling seed yield (seed size, weight and number) and seed quality (protein content) in chick pea and lentil. Based on these studies, allele specific molecular markers have been developed for application in marker assisted selection for trait improvement.

**Bhowmik, Santanu Kumar** (*b* 21.04.1966), PhD, Professor, Department of Geology & Geophysics, Indian Institute of Technology Kharagpur, Kharagpur.

Dr SK Bhowmik systematically developed thermo-tectonic modeling using metamorphic rocks of different ages in the Indian Shield as a natural laboratory and explained the evolution of plate tectonics from the Early Earth to the Present. His work demonstrates versatility in integrating mineral transformation processes at varied spatial scales (nano-scale to plate tectonics scale) through a new tool of sequential diffusion, developed in-house. His work now enables detailed elucidation of temporal evolution of complex high-temperature metamorphic systems. This was not possible before his contribution.

**Biju, Sathyabhama Das** (*b* 09.05.1962), PhD, Senior Professor, Department of Environmental Studies, Department of Environmental Studies, Delhi.

Made seminal contributions to taxonomy, systematics, evolution, biogeography and conservation of amphibians. He described 116 new amphibian taxa.

**Bisht, Naveen Chandra** (*b* 01.02.1978), PhD, Scientist V, National Institute of Plant Genome Research, New Delhi.

Dr Bisht has made outstanding contributions to our understanding of the biology of glucosinolates which function as important plant defense compounds and which also affect the quality of Indian mustard. In the process he has identified genes that are involved in the transport of these glucosinolates into seeds and in their regulation. He has used this knowledge to develop mustard lines that have reduced glucosinolate levels in the seed without affecting susceptibility of the rest of the plant to pests and pathogens.

**David, Justin Raj** (*b* 12.12.1969), PhD, Professor, Centre for High Energy Physics, Indian Institute of Science, Bengaluru.

Professor David has made significant contributions to the microscopic understanding of black holes in string theory and contributed extensively towards holography in two-dimensional conformal field theories. He has discovered universal corrections to entanglement entropy in these theories, used them to test holography and provided important insights towards understanding the space of three-dimensional conformal field theories.

**Daya Sagar, Behara Seshadri** (*b* 24.02.1967), PhD, Professor (HAG) and Former Head, System Science and Informatics Unit, Indian Statistical Institute-Bengaluru Centre, Bengaluru.

Professor Daya Sagar has made significant contributions by developing mathematical morphology-based spatial algorithms that address a range of questions of fundamental importance to geosciences, geospatial data sciences, and remote sensing. Integrating ideas from mathematical morphology with the concepts from fractals, geometry, and chaos, he developed path breaking approaches to analyze river basins, networks, terrestrial surfaces, and identifying spatial clusters. Prof Daya Sagar has also significantly contributed to simulating behavioral phases that various geomorphologic systems traverse via interplay between numerics and graphics. He is one of the best-known mathematical earth scientists.

**De, Swades** (*b* 20.01.1969), PhD, Professor, Department of Electrical Engineering, Indian Institute of Technology-Delhi, New Delhi.

For prolific contributions to cross-layer design, analysis, and resource optimization of wireless and sensor networks and radio frequency energy transfer that have had an impact on green, energy sustainable wireless communications.

**Deshmukh, Mandar Madhukar** (*b* 20.10.1974), PhD, Professor, Department of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, Mumbai.

Professor Deshmukh has established a vibrant experimental research group at TIFR to probe condensed matter physics of low-dimensional systems. He has made highly original and significant contributions to experimental physics of quantum Berry phases and Hall states, mesoscale electron transport, electron correlations and nanoscale mechanics of low-dimensional systems.

**Dimri, Ashok Priyadarshan** (*b* 14.11.1970), PhD, Director, Indian Institute of Geomagnetism, Navi Mumbai.

Dr AP Dimri has made important contributions towards understanding the dynamics of the Indian winter precipitation system and its linkages with the Himalayan Glaciers and associated water/hydrological budget. He used multi-scale models and observations to elucidate processes that lead to the Western Disturbances, their relationship with topography, along with a physical understanding of associated extreme weather events.

**Ganguli, Ashok Kumar** (*b* 25.01.1961), PhD, Professor & Deputy Director, Department of Chemistry, Indian Institute of Technology-Delhi, New Delhi.

Professor Ashok Kumar Ganguli has made seminal contributions to developing synthetic approaches to design functional nanostructures of specific size, shape and composition with multifarious applications in capacitors, photocatalysis, superconductors, electrocatalysis and efficient field emitters.

**Ghose, Debasish** (*b* 16.05.1960), PhD, Professor (HAG), Department of Aerospace Engineering, Indian Institute of Science, Bengaluru.

For his very significant contributions to guidance and control for aerospace applications which include autonomous systems and algorithms for obstacle/collision avoidance, swarm intelligence, multi-agent systems and load partitioning for distributed computing.

**Ghosh, Probir Kumar** (*b* 13.12.1962), PhD, Founder Director and Vice-Chancellor, ICAR-National Institute of Biotic Stress Management, Raipur, Chhattisgarh.

Dr PK Ghosh has contributed significantly to understanding carbon sequestration potential and sustainability in cereal based cropping systems. He developed a new methodology for soil quality index for maintaining sustainability in the rice-wheat cropping system. His work on improvement of rice system has had a significant impact in sustaining natural resources. Dr Ghosh has also played an important role in the development of improved agronomic practices in pulse based cropping system.

**Guchhait, Prasenjit** (*b* 21.10.1967), PhD, Professor, Regional Centre for Biotechnology, Faridabad.

Dr Prasenjit Guchhait did excellent work on the human vascular disease, with special focus on the mechanism of thrombosis. His work has identified several biomarkers to develop therapeutics. Many of his studies on synthetic peptides gave an understanding on how these can be used for prevention. His basic works covers crosstalk between platelet and immune cells in hemolytic microenvironment, activation of thrombosis/inflammation in lungs of SARS-CoV-2-infected animals. Based on his findings he has proposed a clinical trial to use dietary- $\alpha$ KG as therapeutics against COVID-19 patients.

**Gupta, Neena** (b 24.11.1984), PhD, Professor, Theoretical Statistics and Mathematics Unit, Indian Statistical Institute, Kolkata.

To paraphrase János Kollár regarding “On Zavis’ Cancellation Problem...” these are elegant and powerful combination of previous methods with new insights that addresses a major open problem.

**Krishna, Sandeep** (b 01.09.1976), PhD, Professor, TIFR-National Centre for Biological Sciences, Bengaluru.

Professor Krishna has done pioneering work on the nonlinear dynamics of biological systems, encompassing feedback control in gene networks, synchronization and entrainment in cells, symmetry breaking in ecosystems, and the emergence of life on Earth. His work has enhanced the understanding of the complex behavior of such far-from equilibrium systems.

**Kumar, Arvind** (b 21.09.1966), PhD, Deputy Director General-Research, International Crops Research Institute for Semi-Arid Tropics (ICRISAT), Patancheru.

Dr Arvind Kumar carries with him more than 30 years’ of experience in crop improvement and trait discovery for drought tolerance, disease insect resistance, etc. He has to his credit more than 65 varieties that have been released and are being cultivated in 10 different countries of Asia and Africa. Dr Arvind Kumar has identified 7 of the ten known genes for resistance against rice gall midge, QTLs for grain yield under drought, QTLs for grain yield related traits under dry direct seeded situation, QTLs for tolerance to rice root knot nematode and QTLs for high Fe, high Zn. His work has great practical value for Indian farmers.

**Kumbhar, Pramod Shankar** (b 02.06.1964), PhD, President and Chief Technology Officer, Praj Matrix - R&D Center, Praj Industries Ltd, Pune.

Dr Kumbhar and his team at Praj, Pune are the architect of the first cellulose biomass to ethanol (2nd Generation Ethanol) plant in India process right from upstream fermentation to downstream separation and basic engineering of the manufacturing plant. Ethanol from biomass is a very strategic technology for India since the Government has already announced a policy of 25 % mix of ethanol in gasoline from 20a5 to reduce India’s dependence on imports of oil. The 2G ethanol technology is critical to India’s self-sufficiency in automotive fuels. In addition, Dr Kumbhar, has contributed to innovative concepts in industrial biorefinery and a host of catalytic processes in chemical industry, some of which are in commercial practice.

**Kurpad, Anura Viswanath** (b 08.05.1959), MBBS, MD, PhD, Professor, Department of Physiology, St John’s Medical College, Bengaluru.

Dr Anura Kurpad has emerged as the leading nutritional scientist in India, investigating the contribution of dietary nutrients to human body composition, nutritional status, and physical performance. Towards this end he has perfected contemporary reference techniques for measurement of protein digestibility, measurement of human amino acid requirements, measurement of lean body mass and fat body mass, and measurement of vitamin B12 absorption. These techniques have optimized currently available

techniques to non-invasively assess these variables. In the process, his work has defined protein requirements for Indians, and his laboratory has served as reference laboratory for assessment of several nutritional programs in the community.

**Lakshminarayan, Arul** (*b* 25.03.1967), PhD, Professor, Department of Physics, Indian Institute of Technology-Madras, Chennai.

Professor Lakshminarayan has done pioneering works on the interplay between quantum information, random matrix theory, and quantum chaos in few and many-body integrable and nonintegrable quantum systems which is recognized internationally. His research on extreme-value-theory, products of random matrices, elliptic functions, and constructions of absolutely maximally entangled states have had a lasting impact.

**Luthra, Kalpana** (*b* 27.07.1965), PhD, Professor, Department of Biochemistry, All India Institute of Medical Sciences, New Delhi.

Professor Kalpana Luthra has made seminal contributions in the field of HIV, particularly coevolution of HIV-1 Infection and host immune responses. Her contributions include isolation of a human broadly neutralising antibody which has therapeutic potential and is being taken forward as a potential passive immunotherapeutic agent. She has had a consistently productive high impact work on HIV immune response.

**Mahapatra, Nitish Ranjan** (*b* 09.01.1971), PhD, Professor, Department of Biotechnology, Indian Institute of Technology Madras, Chennai.

Dr Mahapatra has studied several molecular pathways in cardiovascular pathological conditions that help in the diagnosis and clinical management. His major works is his significant contribution in the management of cardiometabolic disease states such as hypertension, type 2 diabetes and dyslipidemia. He has also discovered and characterized many functional genetic variations that enhance the risk for cardiometabolic diseases. His studies also provided novel therapeutic candidates for hypertension and atherosclerosis.

**Mandal, Lolitika** (*b* 15.01.1971), PhD, Professor, Indian Institute of Science Education and Research (IISER) Mohali, Mohali.

Dr Mandal has made seminal contributions which have been pivotal in understanding stem cell niche during development.

**Mandal, Prantik** (*b* 02.02.1965), PhD, Chief Scientist and Activity Incharge, Seismological Imaging Group, CSIR-National Geophysical Research Institute, Hyderabad.

Dr Prantik Mandal has made outstanding contributions towards understanding genesis of earthquakes in India and the structure of Indian lithosphere and stresses. He delineated the three dimensional seismic velocity structure of Kachchh, Gujarat, discovering mafic pluton-induced crustal seismicity. He elucidated salient causes of fluid-triggered seismicity on the Main Himalayan Thrust in Uttarakhand

and carried out seismic risk estimation in the Himalayas by mapping out three NNE-SSW trending lithospheric transverse features in the Uttarakhand Himalaya. He also developed a nucleation model for moderate size reservoir triggered earthquakes at Koyna. His work has also shown that the Eastern Indian Cratonic crust primarily formed via vertical tectonics in the Archean.

**Mandal, Swadhin K** (*b* 15.08.1973), PhD, Professor, Department of Chemical Sciences, Indian Institute of Science Education and Research-Kolkata, Nadia.

Professor Swadhin Mandal has developed several remarkable strategies to accomplish C-C cross coupling reactions with metal-free catalysts enabling the development of key chemical transformations with low cost, non-toxic reagents having a low carbon footprint.

**Mande, Sharmila Shekhar** (*b* 05.07.1962), PhD, Distinguished Chief Scientist, TCS Research, Delhi.

Dr Sharmila Mande was of the early big data scientists in India and collaborative efforts are a hallmark of her work. She developed many algorithms and analysis tools, especially for microbiome and metagenomics, compression/archival of genomic data, RNA decoding, and community structure in environmental samples. She has been highly productive including over 60 patents, indicating the practical applicability of much of her work.

**Mukhopadhyay, Nilay Krishna** (*b* 05.08.1962), PhD, Professor in Physical Metallurgy, Department of Metallurgical Engineering, Indian Institute of Technology (BHU), Varanasi.

For his original scientific contributions to discover Quasicrystalline materials having quasiperiodic or aperiodic structures with lack of translational symmetry and with 5-fold rotational symmetry and to establish inverse Hall-Petch relationship, through his extensive Nanoindentation studies. His recent research on multicomponent high entropy alloys for hydrogen storage has been equally noteworthy.

**Mukhopadhyay, Samrat** (*b* 14.02.1975), PhD, Professor, Indian Institute of Science Education and Research (IISER) Mohali, Mohali.

Dr Samrat Mukhopadhyay has made important contributions to understanding mechanisms of liquid-liquid phase separation amyloid formation, coacervation and co-aggregation of intrinsically disordered proteins, and its implications for understanding physiological function and disease.

**Mylavarapu, Sivaram Venkata Satya** (*b* 16.01.1974), PhD, Associate Professor, Laboratory of Cellular Dynamics, Regional Centre for Biotechnology, Faridabad.

Dr Mylavarapu has made important contributions that shed light on novel molecular mechanism involved in cell division.

**Pandey, Ashok** (*b* 01.01.1956), PhD, Distinguished Scientist, Centre for Innovation and Translational Research, CSIR-Indian Institute of Toxicology Research, Lucknow.

Contributed significantly to the growth of industrial and environmental biotechnology in India, which includes second generation biofuels and commercially important enzymes.

**Raghavan, Sathees Chukkurumbal** (*b* 10.05.1970), PhD, Professor, Department of Biochemistry, Indian Institute of Science, Bengaluru.

Dr Sathees Raghavan has made important contributions in the area of DNA repair, genomic instability, and cancer therapeutics.

**Raychaudhuri, Pratap** (*b* 13.12.1971), PhD, Senior Professor (I), Department of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, Mumbai.

Professor Pratap Raychaudhuri has made outstanding contribution in the area of low-dimensional and disordered superconductors. This work elucidated the pseudogap state in disordered conventional superconductors, thus unravelling the hexatic vortex state in very weakly pinned superconducting thin films and identifying the BKT transition in thin superconducting films.

**Reddy, Dumbala Srinivasa** (*b* 10.04.1971), PhD, Director, CSIR-Indian Institute of Chemical Technoogy, Hyderabad.

Dr Dumbala Srinivasa Reddy has used his unique skill for the total synthesis of biologically active molecules and their derivatives for the application to the discovery of several drug candidates for a number of diseases with an insight on their structure activity relationship.

**Reddy, Maddika Subba** (*b* 06.02.1978), PhD, Staff Scientist-VI & Group Leader, Centre for DNA Fingerprinting and Diagnostics, Hyderabad.

Dr Reddy has made original contributions by investigating multiple cellular processes involved in signaling.

**Sarkar, Dibyendu** (*b* 01.05.1968), PhD, Chief Scientist, CSIR-Institute of Microbial Technology, Chandigarh.

Dr Sarkar's laboratory has delineated mechanisms underlying the virulence of *Mycobacterium tuberculosis* (Mtb), especially the role of *phoP-phoR* two-protein regulatory system, which is required for multiplication of the bacilli in host cells. His work has uncovered mechanisms governing the functioning of these multicomponent higher-order complexes and identified novel signalling cascades that can be targeted for therapeutic purpose.

**Saxena, Nitin** (*b* 03.05.1981), PhD, Professor, Indian Institute of Technology-Kanpur, Kanpur.

Dr Saxena has developed novel techniques for understanding algebraic independence over fields of small characteristics; and consistently brought in techniques from several areas to attack the most important problems in algebraic complexity.



**Shivaprasad, Padubidri V** (*b* 11.07.1974), PhD, Associate Professor and Associate Dean of Faculty, National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bengaluru.

Dr Shivaprasad has made original contributions towards micro RNA biogenesis, the role of micro RNA in crop domestication and plant development and evolution.

**Tyagi, Avesh Kumar** (*b* 25.06.1964), PhD, Director, Chemistry Group, Bhabha Atomic Research Centre, Mumbai.

Dr Avesh Kumar Tyagi has developed many multifunctional materials and technologies like highly selective and stable inorganic ion-exchangers for the separation of useful radio-isotopes from nuclear waste contributing to structure-function evaluation of solid state materials with a clear understanding of the principles of structure determination, crystallography and functional aspects.

**Varma, Manik** (*b* 18.12.1976), DPhil, Partner Researcher, Microsoft Research India, Bengaluru.

For being the pioneer of extreme multi-label classification area in Machine Learning and Artificial Intelligence, where any datapoint must be assigned a label from amongst millions of labels. This has created significant academic interest and high industry impact, with some of his algorithms generating hundreds of millions of dollars in revenue for Microsoft.

**Vasu, Sheeba** (*b* 17.03.1973), PhD, Associate Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru.

Made important contributions on the evolution and the underlying circuitry of circadian clocks and shown the role of circadian neuropeptide signals to sleep centres through its cognate receptors.

## FOREIGN FELLOWS ELECTED 2023

*(Effective from 01 January 2024)*

**Ajayan, Pulickel Madhavapanicker** (*b* 15.07.1962), Benjamin M. and Mary Greenwood Anderson Professor of Engineering, Rice University, 6100 Main Street, Houston, Texas 77005, USA.

For his significant contributions to the understanding of electromechanical properties of such nanostructured materials and pioneering work in the template assisted synthesis of engineered hybrid nanostructures and interface engineered nanomaterials. Professor Ajayan also done pioneering work on nanocomposites, starting with carbon nanotube polymer composites, providing insights into multifunctional nanocomposite materials

**Bond, John Richard** (*b* 15.05.1950), University Professor, CITA, McLennan Labs, 60 St. George St., University of Toronto, Toronto ON M5S 3H8, Canada.

For his pioneering work in the field of Cosmology. Professor Bond has demonstrated that slight variations in the cosmic microwave background radiation (CMB) contain precious information regarding the shape, size, age and composition of the Universe. In 1991, the COBE satellite did indeed reveal slight variations lending great support to Bond's early results. Professor Bond and his colleagues used the Boomerang results to demonstrate that the Universe has a planar geometry providing strong observational support to the Inflationary model of the early universe.

**Malik, Harmit Singh** (*b* 03.01.1973), Professor of Basic Sciences & HHMI Investigator, 1100 Fairview Avenue N., A2-025, Seattle WA 98109, USA.

Professor Malik studies the causes and consequences of genetic conflicts that take place between different genomes or between components of the same genome. He is interested in understanding these "molecular arms races" and how they drive recurrent genetic innovation, from the perspective of both evolutionary biology and human disease. He also showed that intense competition for meiotic success can result in 'centromere' drive' which can lead the rapid evolution of centromeric DNA and proteins, a process that ultimately leads to reproductive isolation between species.

**Poor, Harold Vincent** (*b* 02.10.1951), M.H. Strater University Professor of Electrical Engineering, Department of Electrical and Computer Engineering, Princeton University, Princeton NJ. 08544, USA.

Professor Poor is among the world's foremost researchers and educators in communications and information theory. His research has focused on wireless networks, energy systems and, more recently, social networks. He pioneered advanced methods for detecting data corruption, information privacy

and distributed algorithms for state estimation and control of the grid. In the area of social networks, his work has focused on understanding and modelling the connectivity of small-world networks and on the role of social interaction on collaborative sensing and decision-making.

**Venkat Narayan, KM** (*b* 14.09.1956), Executive Director, Emory Global Diabetes Research Center, Rollins School of Public Health, 1518 Clifton Road NE, Atlanta, 30322, USA.

Professor KM Venkat Narayan's research has focused on the etiology, pathophysiology, and epidemiology of type 2 diabetes. He anchored large national and international observational and intervention studies to prevent and control diabetes, and has worked to translate science into practice and policy. Known for his interdisciplinary work, he is currently exploring intriguing differences in beta cell function in the pathophysiology of type 2 diabetes globally.

**Venkatesan, Thirumalai Venky** (*b* 19.06.1949), Director of CQRT and Professor of Physics and ECE, Center for Quantum Research and Technology, Lin Hall, University of Oklahoma, Norman OK 73019.

Professor TV Venkatesan is inventor of the pulsed laser deposition process and is a pioneer in its application to thin films of complex oxides and related multi component materials, which has transformed research on films/heterostructures globally. He was a pioneer in recognizing the possibility of oxide based superlattices, formation of hetero junctions of different functional materials and led the way in developing techniques for electric field modulation of electronic and magnetic properties of materials.

## FELLOWSHIP-SECTIONAL COMMITTEE WISE

## SECTIONAL COMMITTEE – I

*Mathematical Sciences: Applied Mathematics, Pure Mathematics, Theoretical Computer Science, Statistics and Operations Research*

*Total Fellows: 81*

Name	Specialization
<b>Adimurthi A</b>	Partial Differential Equations
<b>Agrawal M</b>	Theory of Computation
<b>Athreya Siva R</b>	Mathematical Sciences
<b>Balaji V</b>	Mathematics
<b>Balasubramanian R</b>	Theory of Numbers
<b>Bambah RP</b>	Number Theory and Discrete Geometry
<b>Bapat RB</b>	Combinatorial Matrix Theory, Generalised Inverses
<b>Bhat BVR</b>	Mathematics
<b>Bhatia R</b>	Mathematics: Matrix Analysis, Functional Analysis, Harmonic Analysis
<b>Bhattacharyya T</b>	Functional Analysis
<b>Bhatwadekar SM</b>	Commutative Algebra and Algebraic Geometry
<b>Bhosle UN</b>	Algebraic Geometry
<b>Bhutani OP</b>	Applied Mathematics, Symmetries and Differential Equations
<b>Biswas I</b>	Algebraic Geometry
<b>Bose Arup</b>	Statistics and Probability
<b>Bujurke NM</b>	Applied Mathematics, Fluid Mechanics, Computational Techniques, Krylov Subspace Methods, Wavelets, Physiological Fluid Flows
<b>Chandran Leela Sunil</b>	Graph Theory, Combinatorics
<b>Chaudhuri P</b>	Statistics
<b>Dani SG</b>	Ergodic Theory, Lie Groups, Probability Measures on Groups, History of Mathematics
<b>Ghate EP</b>	Mathematics (Number Theory)
<b>Ghorpade SR</b>	Algebraic Geometry, Coding Theory, Combinatorics and Commutative Algebra
<b>Goswami D</b>	Mathematics
<b>Gupta, Neena</b>	Mathematics
<b>Gurjar RV</b>	Algebraic Geometry, Commutative Algebra
<b>Hans-Gill RJ</b>	Geometry of Numbers, Number Theory, Discrete Geometry
<b>Jain PC</b>	Numerical Mathematics, Computational Algorithms

Name	Specialization
<b>Joseph KT</b>	Hyperbolic Conservation Laws and Parabolic PDES, Boundary Layers and Delta Shocks
<b>Kannan V</b>	Mathematical Analysis & Topology
<b>Karandikar RL</b>	Probability and Statistics
<b>Khanduja SK</b>	Algebra, Algebraic Number Theory
<b>Kunnath S</b>	Partial Differential Equations
<b>Mahan MJ</b>	Hyperbolic Geometry, Geometric Group Theory, Topology of Algebraic Varieties
<b>Misra G</b>	Operator Theory
<b>Mukerjee R</b>	Statistics (Design of Experiments, Asymptotic Theory, Survey Sampling)
<b>Mukunda N</b>	Mechanics, Optics, Mathematical Physics
<b>Munshi R</b>	Number Theory
<b>Nadkarni MG</b>	Harmonic Analysis & Ergodic Theory
<b>Nagaraj DS</b>	Algebraic Geometry
<b>Natarajan S</b>	Number Theory
<b>Nitsure Nitin</b>	Mathematics
<b>Nori MV</b>	Algebraic Geometry, Commutative Algebra
<b>Parameswaran AJ</b>	Algebraic Geometry
<b>Paranjape KH</b>	Geometry
<b>Parimala R</b>	Algebra
<b>Parthasarathy R</b>	Representations of Lie Groups
<b>Parthasarathy T</b>	Game Theory & Mathematical Programming
<b>Prakasa Rao BLS</b>	Mathematical Statistics
<b>Prasad Dipendra</b>	Automorphic Form, Number Theory
<b>Prasad G</b>	Lie & Algebraic Groups
<b>Prasad P</b>	Theory of Wave Propagation, Partial Differential Equations & Fluid Dynamics
<b>Radhakrishnan J</b>	Theoretical Computer Science, Complexity Theory, Discrete Mathematics
<b>Raghunathan MS</b>	Lie Groups, Algebraic Groups, Discontinuous Groups
<b>Raghuram Anantharam</b>	Number Theory, Representation Theory, Automorphic Form, Special Values of L-Functions, Cohomology of Arithmetic Groups
<b>Rajan CS</b>	Arithmetic Geometry, Automorphic forms, Representation Theory
<b>Ramachandran B</b>	Analytical Probability Theory
<b>Ramadas TR</b>	Algebraic and Differential Geometry, Mathematical Physics
<b>Ramanan S</b>	Algebraic & Differential Geometry
<b>Ramdorai Sujatha</b>	Algebra, Geometry, Number Theory
<b>Rao Ravi A</b>	Classical K-Theory
<b>Roy Rahul</b>	Mathematics

Name	Specialization
<b>Sankaran P</b>	Topology, Representation Theory
<b>Saxena Nitin</b>	Algebraic Complexity
<b>Sharan Maithili</b>	Applied Mathematics: Atmospheric Science: Air Pollution
<b>Sharma VD</b>	Quasilinear Systems of Hyperbolic Partial Differential Equations and Nonlinear Wave Phenomena
<b>Shorey TN</b>	Number Theory
<b>Singh AI</b>	Functional Analysis, Harmonic Analysis, Quantum Information Theory
<b>Singh Balwant</b>	Algebraic Geometry & Commutative Algebra
<b>Singh SJ</b>	Theoretical Seismology & Applied Mathematics
<b>Singhi NKM</b>	Discrete Mathematics & Computer Science
<b>Sinha KB</b>	Spectral Theory and Non-Commutative Geometry & Stochastic Processes
<b>Sridharan R</b>	Algebra
<b>Srinivas V</b>	Algebra, Algebraic Geometry
<b>Sunder VS</b>	Subfactors, Operator Algebras, Functional Analysis
<b>Suresh V</b>	Algebra and Algebraic Geometry
<b>Thangavelu S</b>	Harmonic Analysis
<b>Trivedi VG</b>	Commutative Algebra, Algebraic Geometry
<b>Veerappa Gowda GD</b>	Partial Differential Equations in Particular, Conservation Laws and Hamilton-Jacobi Equations, Theory and Numerics
<b>Venkatachalappa M</b>	Applied Mathematics: Fluid Mechanics, Magnetohydrodynamics
<b>Venkataramana TN</b>	Algebraic Groups, Arithmetic Groups, Automorphic Forms
<b>Verma JK</b>	Mathematics (Algebra)
<b>Verma KK</b>	Complex Analysis

### SECTIONAL COMMITTEE – II

Physics: *Astronomy, Astrophysics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Theoretical Physics, Mathematical and Computational Physics, Condensed Matter including Soft, Liquids and Nano Materials, Cosmic Radiation, Cosmology, Space Physics, Basic Planetary Sciences, Lasers and Optoelectronics, Plasma Physics, Solar Physics, Atmospheric Physics*

Total Fellows: 153

Name	Specialization
<b>Achanta VG</b>	Sub-Wavelength Materials for Nanophotonics and Information Processing
<b>Agarwal GS</b>	Quantum Optics, Nano Photonics, Plasmonics
<b>Agrawal BK</b>	Condensed Matter Physics, Nanostructures and Superconductivity
<b>Ananthkrishna G</b>	Theoretical Materials Science and Condensed Matter Physics
<b>Ananthkrishnan S</b>	Radio Astronomy
<b>Antia HM</b>	Physics and Numerical Techniques

Name	Specialization
<b>Ayyub P</b>	Condensed Matter Physics (Nanostructured Materials)
<b>Aziz T</b>	Experimental High Energy Physics
<b>Banerjee Sunanda</b>	Experimental High Energy Physics
<b>Barma M</b>	Statistical Physics
<b>Baskaran G</b>	Condensed Matter Physics, Statistical Mechanics and Theoretical Biology
<b>Bhat SV</b>	Physics of Materials
<b>Bhatnagar AK</b>	Experimental Solid State & Materials Science, Superconductivity and Magnetism, Glasses, Films & Nano Materials
<b>Bhattacharjee SM</b>	Theoretical Condensed Matter Physics
<b>Bhattacharyya G</b>	High Energy Physics (Theory)
<b>Bhawalkar DD</b>	Lasers and their Applications
<b>Budhani RC</b>	Physics, Physics of Quantum Materials (Superconductivity and Magnetism in Low Dimensional Systems)
<b>Buti B</b>	Plasma Physics
<b>Chaddah P</b>	Condensed Matter Physics
<b>Chakrabarti BK</b>	Statistical and Condensed Matter Physics
<b>Chaplot SL</b>	Condensed Matter Physics
<b>Chengalur JN</b>	Astronomy
<b>Chidambaram R</b>	Materials Science and Crystallography, High Pressure Physics and Nuclear Technology
<b>Choudhuri AR</b>	Theoretical Astrophysics, Solar Physics, Magnetohydrodynamics, History of Science
<b>Choudhury D</b>	Theoretical High Energy Physics
<b>Chowdhury D</b>	Statistical Physics, Biological Physics
<b>Cowsik R</b>	Astrophysics, Elementary Particles, Cosmology and Gravitation
<b>Damle Kedar</b>	Condensed Matter and Statistical Physics
<b>Das Amita</b>	Physics
<b>Das SP</b>	Theoretical Condensed Matter Physics, Statistical Physics
<b>Dasannacharya BA</b>	Condensed Matter Physics, Neutron and X-ray Scattering
<b>Dasgupta C</b>	Theoretical Condensed Matter Physics and Statistical Mechanics
<b>Datta A</b>	Particle Physics
<b>Dattagupta S</b>	Structure and Dynamics of Condensed Matter
<b>David JR</b>	String Theory, Theoretical High Energy Physics
<b>Deshmukh MM</b>	Condensed Matter Physics & Materials Science
<b>Dhar A</b>	Statistical Physics
<b>Dhar Deepak</b>	Statistical Physics
<b>Dhurandhar SV</b>	Gravitational Waves and General Relativity
<b>Dighe A</b>	High Energy Physics
<b>Gadiyara Chakrapani A</b>	Astronomy & Astrophysics

Name	Specialization
<b>Gavai RV</b>	Theoretical High Energy Physics, Quantum Field Theory on Lattice, Quark-Gluon Plasma, Heavy-Ion Collisions and Phase Transitions in Early Universe
<b>Ghosh A</b>	Experimental Condensed Matter Physics at Ultra-low Temperature, Nano Electronics, Semiconductor Physics
<b>Ghosh Aswini</b>	Condensed Matter Physics and Materials Science
<b>Ghosh BG</b>	Condensed Matter Physics
<b>Godbole Rohini M</b>	Theoretical High Energy Physics
<b>Gopakumar R</b>	Theoretical Physics
<b>Goswami Srubabati</b>	High Energy Physics
<b>Gupta LC</b>	Superconductivity, Magnetism in Quaternary Borocarbides and Intermetallics, Nuclear Magnetic/Quadrupole Resonance, m-SR Studies, Valence Fluctuations and Heavy Fermions
<b>Gupta S</b>	Theoretical High Energy Physics, Statistical Mechanics in Quantum Field Theory, Quantum Chromodynamics and Strong Interactions
<b>Gupta SN</b>	High Energy Physics
<b>Gupta Y</b>	Astrophysics
<b>Jayannavar AM</b>	Condensed Matter Physics (Theory)
<b>Jha SS</b>	Solid State Physics & Optoelectronics
<b>Jog CJ</b>	Astrophysics of Galaxies
<b>Joshi PS</b>	Gravitation Theory and Cosmology
<b>Joshiyura AS</b>	High Energy Physics
<b>Kailas S</b>	Accelerator Based Nuclear Physics and Applications
<b>Kanjilal D</b>	Material Sciences & Engineering, Condensed Matter Physics, Accelerator Physics
<b>Kapoor SS</b>	Nuclear Physics, Particle Detectors, Particle Accelerators & Applications
<b>Kaul RK</b>	Quantum Field Theory, High Energy Physics & Quantum Gravity
<b>Kaul SN</b>	Condensed Matter Physics, Materials Science, Nanosciences and Nanotechnology
<b>Khare A</b>	Plasma Physics, Statistical Mechanics, Critical Phenomenon
<b>Khare AV</b>	Theoretical Physics
<b>Krishna G</b>	Radio Astronomy and Cosmology (Radio Galaxies and Quasars)
<b>Krishna P</b>	Crystallography, Crystal growth, Education, Science & Society
<b>Krishna Sandeep</b>	Physics of Living Systems
<b>Krishnamurthy HR</b>	Theoretical Condensed Matter Physics, especially Quantum Many-Body Theory & Statistical Physics
<b>Krishnamurthy Manchikanti</b>	Atomic, Molecular, Optical and Plasma Physics
<b>Kulkarni SK</b>	Nanotechnology, Materials Science, Surface Science
<b>Lakshmanan M</b>	Nonlinear Dynamics & Theoretical Physics



Name	Specialization
<b>Lakshminarayan Arul</b>	Theoretical Physics
<b>Lal Krishan</b>	Physics of Materials
<b>Madhusudana NV</b>	Liquid Crystals
<b>Maharana J</b>	String Theory and Quantum Gravity
<b>Maiti K</b>	Condensed Matter Physics
<b>Maiti PK</b>	Physics
<b>Majumder Gobinda</b>	Experimental High Energy Physics
<b>Malik SK</b>	Magnetism, Valence Fluctuation & Superconductivity
<b>Mandal Gautam</b>	Quantum Field Theory, String Theory, Gravitational Physics and Non-equilibrium Phenomena
<b>Mandal Prabhat</b>	Condensed Matter Physics, Materials Science & Crystal Growth (Superconductivity, Strong Electronic Correlation, Colossal Magnetoresistance, Topological Insulator, Dirac/Weyl Semimetals, Charge Density Wave, van der Waals systems)
<b>Mathews PM</b>	Geodynamics, Relativistic Fields and Stochastic Processes
<b>Mathur D</b>	Atomic, Molecular and Optical Sciences, Biological Physics
<b>Minwalla SN</b>	Theoretical Physics (Gravity, Quantum Field Theory, String Theory)
<b>Mitra P</b>	Theoretical Physics
<b>Mohanty B</b>	Experimental High Energy Physics, Phenomenology of Quark Gluon Plasma, QCD Phase Diagram and Direct Dark Matter Search
<b>Mondal NK</b>	Experiment Particle Physics, Accelerator Based and Non-Accelerator Based Particle Physics and Neutrino Physics
<b>Mukhi Sunil</b>	Theoretical High Energy Physics, String Theory
<b>Nagarajan R</b>	Superconductivity, Valence Fluctuation, Mossbauer Spectroscopy, Instrumentation
<b>Narayan KS</b>	Device Physics, Organic Electronics, Photophysics & Biomolecular Electronics
<b>Narlikar AV</b>	Superconductivity & Nanostructures
<b>Narlikar JV</b>	Cosmology & Theoretical Astrophysics
<b>Nityananda R</b>	Optics, Statistical Physics, Gravitational Dynamics
<b>Padmanabhan J</b>	Solarwind, Space Weather, Solar Radio Studies, Solar Magnetic Fields, Comets
<b>Pal AJ</b>	Organic Electronics, Materials Engineering, Device Physics
<b>Pal MK</b>	Theoretical Nuclear Physics
<b>Palakurissi Balagopal SK</b>	Soft Condensed Matter, Computational Physics, Statistical Physics, Multi-Scale Simulations, Large Scale Parallel Computing
<b>Panda S</b>	Field Theory, String Theory, Supergravity and String Cosmology
<b>Pandey D</b>	Condensed Matter Physics, Material Science, Crystallography, Structural Phase Transitions

Name	Specialization
<b>Pandit Rahul</b>	Statistical Mechanics of Phase Transitions, Condensed Matter Theory, Spatiotemporal Chaos, Mathematical Models for Cardiac Tissue and Turbulence
<b>Pathak KN</b>	Condensed Matter Physics, Solid State Physics
<b>Prakash S</b>	Plasma Physics, Upper Atmospheric Physics and Space Borne Payloads
<b>Puri S</b>	Physical Sciences
<b>Raghunathan VA</b>	Soft Condensed Matter Physics
<b>Rajaraman R</b>	Theoretical Physics, Nuclear Physics
<b>Ramakrishnan TV</b>	Theoretical Condensed Matter Physics and Statistical Mechanics
<b>Ramamurthy VS</b>	Nuclear Physics, Ion Beam Applications, Science & Technology Policy
<b>Ramanamurthy PV</b>	High Energy Astrophysics & Cosmic Rays
<b>Ramaswamy SR</b>	Condensed Matter, Statistical and Biological Physics
<b>Rao Madan</b>	Statistical Physics, Nonequilibrium Statistical Physics, Soft Matter, Biological Physics, Cell and Tissue Biophysics
<b>Ravindra Kumar G</b>	Physics (Nonlinear Optics, Study of Matter in Intense Laser Fields)
<b>Ravindran V</b>	High Energy Physics
<b>Raychaudhuri A</b>	Particle Physics including Astroparticle Physics
<b>Raychaudhuri AK</b>	Physics, Low Temperature Physics, Physics of Nanomaterials, Scanning Probe Microscopy, Sensors, Transnational Research
<b>Raychaudhuri Pratap</b>	Condensed Matter Physics
<b>Rindani SD</b>	Particle Physics
<b>Roy Probir</b>	Astroparticle physics & Particle Physics: Field Theory & Phenomenology
<b>Roy SM</b>	Foundations of Quantum Theory & Particle Physics
<b>Saha-Dasgupta Tanusri</b>	Computational Materials Physics, Electronic Structure
<b>Sahni V</b>	Theoretical Physics
<b>Sampathkumaran EV</b>	Magnetism & Superconductivity
<b>Sanyal MK</b>	Condensed Matter Physics, Surface Physics & Synchrotron X-ray Scattering
<b>Sarkar U</b>	Theoretical Particle and Astroparticle Physics
<b>Sastry S</b>	Statistical Mechanics, Soft Condensed Matter Physics, Chemical Physics
<b>Sen Abhijit</b>	Plasma Physics and Non Linear Dynamics
<b>Sen Ashoke</b>	High Energy Physics
<b>Sen D</b>	Theoretical Condensed Matter Physics, Quantum Field Theory
<b>Sen De A</b>	Quantum Information and Quantum Computation, Quantum Optics, Condensed Matter Physics
<b>Sengupta K</b>	Theoretical Condensed Matter Physics

Name	Specialization
<b>Sharma SM</b>	Materials Behavior Under High Pressures and Development of Synchrotron Beamlines
<b>Shastry BS</b>	Condensed Matter Theory, Statistical Mechanics
<b>Shenoy VB</b>	Condensed Matter Theory
<b>Sikka SK</b>	High Pressure, Shockwaves, Neutron Diffraction & Energy Bands
<b>Simon R</b>	Classical and Quantum Optics, Foundations of Quantum Mechanics, and Quantum Information Theory
<b>Singh KP</b>	Astronomy and Astrophysics
<b>Singh V</b>	Theoretical Physics, High Energy Physics, Foundation of Quantum Mechanics, History and Philosophy of Science
<b>Singh Yashwant</b>	Condensed Matter Theory, Theoretical Biology
<b>Sinha S</b>	Nonlinear Dynamics, Chaos and Complex Systems
<b>Sodha MS</b>	Plasmas, Optics & Energy
<b>Sood AK</b>	Condensed Matter Physics
<b>Srivastava CM</b>	Ferromagnetic Relaxation & Superconductivity
<b>Srivastava DK</b>	Theoretical Nuclear Physics
<b>Subramanian K</b>	Astronomy and Astrophysics
<b>Sundar CS</b>	Materials Science and Condensed Matter Physics, Positron Annihilation Spectroscopy
<b>Suresh KA</b>	Soft Condensed Matter (Physics of Liquid Crystal and Surface Science)
<b>Trivedi SP</b>	String Theory and Particle Physics and Cosmology
<b>Venkataraman G</b>	Condensed Matter Physics
<b>Verma MK</b>	Turbulence, Plasma Physics, Nonlinear Dynamics
<b>Vijayaraghavan R</b>	Solid State Physics
<b>Viyogi YP</b>	Experimental Nuclear Physics
<b>Wadia SR</b>	String Theory, Quantum Gravity, Statistical Mechanics
<b>Waghmare UV</b>	Theory, Modeling and Simulations of Materials
<b>Yusuf SM</b>	Magnetism, Neutron Scattering, Condensed Matter Physics

## SECTIONAL COMMITTEE – III

Chemistry: *Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theoretical and Computational Chemistry, Structural Chemistry, Chemistry of Materials, Medicinal and Pharmaceutical Chemistry, Bio-organic, Bio-inorganic and Bio-physical Chemistry*

Total Fellows: 141

Name	Specialization
<b>Agarwala UC</b>	Inorganic Chemistry
<b>Ahluwalia JC</b>	Physical Chemistry, Thermodynamics & Biopolymers
<b>Ajayaghosh A</b>	Organic (Materials) Chemistry
<b>Anand Nitya</b>	Medicinal Chemistry
<b>Bagchi B</b>	Physical Chemistry of Condensed Matter, Molecular Relaxation in Liquids, Dynamics of Complex Systems, Biophysics
<b>Balasubramanian KK</b>	Organic Chemistry
<b>Basak A</b>	Organic Chemistry
<b>Basavaiah D</b>	Organic Chemistry: Baylis-Hillman Chemistry and Chiral Catalysis
<b>Baskaran S</b>	Synthetic Organic Chemistry
<b>Bera JK</b>	Inorganic Chemistry
<b>Bhaduri S</b>	Inorganic and Organometallic Chemistry and Catalysis
<b>Bharadwaj PK</b>	Supramolecular Chemistry
<b>Bhattacharya S</b>	Chemical Biology, Supramolecular Chemistry and Nano Materials
<b>Bhattacharyya AJ</b>	Materials and Physical Chemistry, Energy
<b>Chadha MS</b>	Organic and Bio-Organic Chemistry
<b>Chakraborti AK</b>	Organic Chemistry
<b>Chakraborty TK</b>	Organic Synthesis, Peptides, Peptidomimetics
<b>Chakravarty AR</b>	Bioinorganic and Medicinal Inorganic Chemistry
<b>Chakravorty A</b>	Inorganic & Structural Chemistry, History of Chemistry
<b>Chandra A</b>	Theoretical Physical Chemistry
<b>Chandrakumar N</b>	Magnetic Resonance Spectroscopy & Imaging, Chemical Physics, Physical Chemistry, Instrumentation
<b>Chandrasekaran S</b>	Organic Synthesis, Organometallic Chemistry, Catalysis
<b>Chandrasekhar J</b>	Computational Chemistry, Drug Discovery Theoretical Organic Chemistry
<b>Chandrasekhar S</b>	Organic Chemistry (Chemical Sciences)
<b>Chandrasekhar V</b>	Inorganic Chemistry
<b>Chandrashekar TK</b>	Inorganic Chemistry of Biomolecules
<b>Chattaraj PK</b>	Theoretical Chemistry, Nonlinear Dynamics
<b>Chattopadhyay A</b>	Chemical Physics
<b>Chattoraj DK</b>	Surface Chemistry, Biophysical Chemistry
<b>Chaudhuri MK</b>	Inorganic Chemistry

Name	Specialization
<b>Choudary BM</b>	Catalysts and Nano-Materials, Pharmaceuticals
<b>Das Amitava</b>	Chemistry
<b>Das SK</b>	Inorganic Chemistry
<b>Das Suresh</b>	Photochemistry, Photophysics, Liquid Crystals, Organic Functional Materials, Photoresponsive Materials, NIR Absorbing Dyes, Dye Sensitized Solar Cells
<b>Deb BM</b>	Theoretical Chemistry & Chemical Physics
<b>Desiraju GR</b>	Crystal Engineering
<b>Dogra SK</b>	Physical Chemistry & Photochemistry
<b>Gadre SR</b>	Theoretical and Computational Chemistry
<b>Ganesh KN</b>	Bio-Organic Chemistry
<b>Ganguly AK</b>	Material Chemistry
<b>George Thomas K</b>	Physical Chemistry, Photochemistry, Photophysics and Material Science
<b>Ghosh HN</b>	Chemistry
<b>Ghosh Pradyut</b>	Inorganic and Supramolecular Chemistry
<b>Ghosh Subrata</b>	Synthetic Organic Chemistry
<b>Ghosh SK</b>	Theoretical Chemistry, Computational Materials Science, Soft Condensed Matter Physics
<b>Gopalakrishnan J</b>	Solid State Inorganic Chemistry
<b>Gopinathan MS</b>	Quantum Chemistry and Non-linear Dynamics
<b>Goswami Sreebrata</b>	Inorganic Chemistry, Coordination Chemistry of Organic pi-Radical Ligands, Metal-Ligand Cooperation, Electro-Protic Storage, Electronic and Optoelectronic Materials
<b>Guru Row TN</b>	X-Ray Crystallography, Structural Chemistry
<b>Hosur RV</b>	Biophysical Chemistry, NMR, Structural Biology
<b>Ila H</b>	Synthetic and Medicinal Chemistry
<b>Iqbal Javed</b>	Organic and Medicinal Chemistry
<b>Jain DVS</b>	Physical & Theoretical Chemistry
<b>Jasra RV</b>	Catalysis, Adsorption, Petrochemicals, R&D Leadership, NanoPorous Materials
<b>Jayakrishnan A</b>	Polymer Chemistry, Biomaterials
<b>Jemmis ED</b>	Theoretical and Computational Chemistry
<b>Junjappa H</b>	Synthetic and Mechanistic Organic Chemistry
<b>Kant Rama</b>	Theoretical and Experimental Electrochemistry, Theoretical Polymer Physics and Complex Systems
<b>Kartha VB</b>	Analytical Spectroscopy, Atomic & Molecular Physics, Laser Biomedical Applications
<b>Kasturi TR</b>	Synthetic & Mechanistic Organic Chemistry
<b>Kessar SV</b>	Synthetic Organic Chemistry
<b>Khan MMT</b>	Inorganic Chemistry, Homogeneous Catalysts

Name	Specialization
<b>Kotha S</b>	Organic Chemistry
<b>Krishnamurthy SS</b>	Inorganic & Organometallic Chemistry
<b>Krishnan V</b>	Inorganic and Bioinorganic Chemistry
<b>Kulkarni GU Rao</b>	Nanomaterials and Self-assembly Routes to Nanofabrication
<b>Kumar Anil</b>	Physical Chemistry, Thermodynamics, Physical-Organic Chemistry
<b>Kumara Swamy KC</b>	Chemistry Inorganic / Organic
<b>Lahiri GK</b>	Inorganic Chemistry
<b>Lakshmi Kantam M</b>	Catalysis, Materials and Process Chemistry
<b>Maitra Uday</b>	Organic Chemistry: Supramolecular Chemistry, Chemistry of Bile Acids, Organo and Hydrogels
<b>Mandal SK</b>	Chemistry
<b>Mehta G</b>	Organic Chemistry
<b>Mitra S</b>	Bioinorganic Chemistry, Biological Chemistry
<b>Mittal JP</b>	Radiation & Photochemistry, Chemical Dynamics & Laser Chemistry
<b>Moorthy JN</b>	Physical Organic Chemistry
<b>Moulik SP</b>	Surface & Biophysical Chemistry
<b>Mugesh G</b>	Inorganic Chemistry
<b>Mukherjee D</b>	Theoretical Chemistry, Theoretical Spectroscopy
<b>Mukherjee RN</b>	Inorganic Chemistry, Bio-inorganic Chemistry
<b>Murugavel R</b>	Inorganic Chemistry
<b>Nag K</b>	Inorganic Chemistry
<b>Nangia A</b>	Organic Chemistry, Crystal Engineering, Pharmaceutical Cocrystals
<b>Natarajan S</b>	Inorganic Materials Chemistry
<b>Pal Sourav</b>	Theoretical Chemistry, Electronic Structure Theory, Ab initio Quantum Chemistry
<b>Palaniandavar M</b>	Bioinorganic Chemistry of DNA, Copper and Iron: Activation of Molecular Oxygen, Functional Models for Metalloproteins, Interaction of Metal Complexes with DNA and Proteins, Metal-based Anticancer Drugs
<b>Palit DK</b>	Radiation and Photochemistry, Ultrafast Spectroscopy and Chemical Reaction Dynamics
<b>Pandey DS</b>	Chemistry
<b>Pandey GP</b>	Organic Chemistry
<b>Pati SK</b>	Solid State Sciences
<b>Patil Nitin T</b>	Synthetic Organic Chemistry
<b>Periasamy M</b>	Organic Chemistry, Organometallics and Chiral Reagents Chemistry
<b>Periasamy N</b>	Physical Chemistry
<b>Pillai VK</b>	Electrochemistry, Materials Chemistry

Name	Specialization
<b>Pradeep T</b>	Molecular and Nanoscale Materials, Nanoscience and Nanotechnology, Molecular Surfaces, Low Energy Ion Scattering, Instrumentation; Water Purification
<b>Pradhan N</b>	Chemistry
<b>Radhakrishnan TP</b>	Materials Chemistry
<b>Rajappa S</b>	Organic Chemistry
<b>Rama Rao AV</b>	Organic Chemistry, Medicinal Chemistry, Drug Technology, Chiral Synthesis & Technology and Natural Products
<b>Ramaiah NA</b>	Physical Chemistry & Sugar Chemistry
<b>Ramaraj R</b>	Inorganic and Physical Chemistry
<b>Ramasami T</b>	Inorganic and Leather Chemistry
<b>Ramasesha SS</b>	Theoretical Chemistry
<b>Ramaswamy R</b>	Nonlinear Science, Computational Biology and Bioinformatics
<b>Ranu BC</b>	Organic Synthesis, Green Chemistry
<b>Rao CP</b>	Inorganic Chemistry
<b>Rao CNR</b>	Solid State and Materials Chemistry
<b>Rao KJ</b>	Physical Chemistry
<b>Ravikanth M</b>	Inorganic Chemistry
<b>Ray DS</b>	Theoretical Chemistry
<b>Reddy DS</b>	Chemistry
<b>Reddy GKN</b>	Coordination Chemistry, Organometallics & Catalysis
<b>Samanta A</b>	Physical Chemistry (Photochemistry, Time-resolved Spectroscopy)
<b>Sampath S</b>	Materials Electrochemistry (Interfacial Chemistry)
<b>Sandhu JS</b>	Organic Chemistry, Bio Organic Chemistry
<b>Sankararaman S</b>	Organic Chemistry, Synthetic & Mechanistic Organic Chemistry
<b>Sarma DD</b>	Electronic Structure of Solid
<b>Sastry GN</b>	Computational Chemistry, Theoretical Chemistry, Computer-Aided Drug Design, Machine Learning & Data Science
<b>Sathyamurthy N</b>	Theoretical Chemistry, Molecular Reaction Dynamics
<b>Sebastian KL</b>	Theoretical Chemistry
<b>Sen Kalidas</b>	Chemical Physics
<b>Shukla AK</b>	Materials Electrochemistry with Special Emphasis on Batteries, Fuel Cells and Electrochemical Supercapacitors
<b>Singh Harjit</b>	Organic Chemistry
<b>Singh HB</b>	Organometallic Chemistry, Inorganic Chemistry
<b>Singh KN</b>	Organic Chemistry
<b>Singh MS</b>	Synthetic Organic Chemistry (Methodology)
<b>Singh VK</b>	Organic Chemistry
<b>Singh V</b>	Organic Chemistry
<b>Subba Rao GSR</b>	Organic Chemistry

Name	Specialization
<b>Subramanian S</b>	NMR, EPR, Theoretical Chemistry, Magnetic Resonance Imaging
<b>Sukh Dev</b>	Organic Chemistry, Natural Products, Drug Discovery, Technology Development
<b>Tharmalingam P</b>	Organic Chemistry
<b>Tripathi Pradeep Kumar</b>	Synthetic Organic Chemistry
<b>AK</b>	Solid State Chemistry
<b>Vankar YD</b>	Organic Chemistry
<b>Vasudevan S</b>	Physical Chemistry
<b>Venkatesan K</b>	Chemical Crystallography
<b>Verma AK</b>	Transition-Metal/ Superbase-Catalyzed Organic Transformations
<b>Verma S</b>	Bioorganic Chemistry, Chemical Biology
<b>Yadav JS</b>	Organic Chemistry
<b>Yashonath S</b>	Theoretical Chemistry, Physical Chemistry

#### SECTIONAL COMMITTEE – IV

Earth & Environmental Sciences: *Surface and Solid Earth Science, Applied Atmospheric Chemistry and Physics, Climate Sciences, Meteorology, Geo Engineering, Ocean Sciences, Geo Sciences and Applied Planetary Sciences*

Total Fellows: 79

Name	Specialization
<b>Ahmad T</b>	Igneous Petrology-Geochemistry & Himalayan Geology
<b>Banerjee DM</b>	Precambrian Sedimentology, Sedimentary Geochemistry
<b>Bhandari N</b>	Earth and Planetary Science
<b>Bhardwaj A</b>	Planetary and Space Science
<b>Bhargava ON</b>	Stratigraphy and Structure with Special Reference to the Himalaya
<b>Bhatia SB</b>	Palaeontology, Micropalaeontology & Biostratigraphy
<b>Bhattacharya Abhijit</b>	Petrology, Geochemistry, Tectonics
<b>Bhattacharyya Archana</b>	Ionospheric Physics and Geomagnetism
<b>Bhowmik SK</b>	Metamorphic Petrology and Tectonics
<b>Dasgupta S</b>	Metamorphic Petrology, Geochemistry, Precambrian Geology
<b>Dasika NK</b>	Civil Engineering
<b>Daya Sagar BS</b>	Remote Sensing & Geosciences, Mathematical Earth Sciences, Geographical Information Sciences
<b>Deb Mihir</b>	Ore Geology, Geochemistry, Precambrian Geology, Mining Environment & Sustainable Development.
<b>Dileep Kumar M</b>	Oceanography, Biogeochemistry
<b>Dimri AP</b>	Atmospheric & Climate Sciences



Name	Specialization
<b>Dimri VP</b>	Geophysics, Inversion, Fractals and Signal Processing
<b>Gadgil S</b>	Atmospheric and Oceanic Science, Evolutionary Biology
<b>Gahalaut VK</b>	Earth Sciences, Seismology, Tectonic Geodesy
<b>Gaur VK</b>	Earth and Planetary Sciences
<b>Gopalan K</b>	Geochronology & Isotope Geology
<b>Goswami BN</b>	Tropical Meteorology, Monsoon Dynamics and Predictability of Weather & Climate
<b>Goswami JN</b>	Solar System Studies, Earth and Planetary Science
<b>Gupta Alok Kumar</b>	Experimental Petrology
<b>Gupta Anil K</b>	Micropaleontology, Paleomonsoon and Paleoclimatology
<b>Gupta HK</b>	Seismology, Geophysical Exploration, Ocean Sciences
<b>Haider SA</b>	Planetary Atmospheres, Ionospheres and Magnetospheres, Cometary Coma and Dust
<b>Jain AK</b>	Geology, Structural Geology and Tectonics
<b>Jayananda M</b>	Petrology, Solid Earth Geochemistry & Tectonics
<b>Kamra AK</b>	Atmospheric Sciences
<b>Krishna KS</b>	Lithospheric Dynamics, Tectonics, Plate Tectonics, Marine Geophysics
<b>Krishnamoorthy K</b>	Atmospheric Aerosols, Radiative Forcing
<b>Krishnan R</b>	Atmospheric and Climate Science
<b>Lakhina GS</b>	Geomagnetism and Atmospheric Sciences
<b>Lal Shyam</b>	Atmospheric Science, Ozone and Trace Gases, Air Quality and Climate
<b>Mahajan KK</b>	Radio, Atmospheric and Space Sciences
<b>Malik JHN</b>	Active Tectonics, Paleoseismology, Paleo-tsunami and Archaeoseismology
<b>Mandal N</b>	Structural Geology and Tectonics
<b>Mandal Prantik</b>	Seismology
<b>Mishra SK</b>	Dynamic Meteorology and Numerical Modelling
<b>Mohanty UC</b>	Tropical Meteorology, Numerical Weather Prediction, Monsoon Dynamics, Meso-scale Modelling of severe weather and Climate Modelling
<b>Mujumdar PP</b>	Hydrology
<b>Mukhopadhyay D</b>	Structural & Precambrian Geology
<b>Naqvi SWA</b>	Aquatic Biogeochemistry, Chemical Oceanography and Paleoceanography
<b>Parthasarathy G</b>	Earth and Planetary Science, Mineralogy, High-Pressure Mineral Physics, Nanogeoscience, Condensed Matter Physics, Materials Science, Environmental Science
<b>Patra AK</b>	Atmospheric and Ionospheric Physics, Radar Probing Techniques

Name	Specialization
<b>Paul DK</b>	Geochemistry, Isotope Geology and Petrology
<b>Prasad GVR</b>	Vertebrate Palaeontology, Biostratigraphy, Palaeobiogeography, Evolution of Mesozoic Mammals
<b>Rai SS</b>	Geophysical System Modelling, Seismology, Tectonophysics and Geophysical Exploration
<b>Rajamani V</b>	Geochemistry
<b>Rajeevan MN</b>	Atmospheric Science
<b>Rama</b>	Isotope Hydrology
<b>Rao TN</b>	Radar Meteorology
<b>Rao NV Chalapathi</b>	Mineralogy, Igneous Petrology, Geochemistry, Geodynamics and Mineral Resources
<b>Rao VP</b>	Marine Geology, Sedimentology
<b>Reddy BM</b>	Atmospheric Sciences & Radio Communications
<b>Reddy CA</b>	Space Physics & Atmospheric Dynamics
<b>Roy AB</b>	Precambrian Geology, Tectonics
<b>Sahni Ashok</b>	Geology, Vertebrate Palaeontology & Biostratigraphy
<b>Sain Kalachand</b>	Inversion, Modeling, Advanced Processing & Interpretation of Seismic Data, Machine Learning for Gas-hydrates, Basin Evolution, Geo-tectonics and Earthquake Processes
<b>Sarin Manmohan</b>	Chemical Oceanography, Atmospheric and Aerosol Chemistry
<b>Sarkar Anindya</b>	Stable Isotope Geochemistry, Palaeoclimatology, Geochronology and Sedimentology
<b>Satheesh SK</b>	Atmospheric Aerosol & Climate
<b>Sen Sisir K</b>	Metamorphic Petrology & Geochemistry
<b>Sengupta Pulak</b>	Metamorphic Petrology and Precambrian Geology
<b>Sengupta Sudipta</b>	Structural Geology & Precambrian Geology
<b>Sharma RS</b>	Metamorphic Petrology & Precambrian Geology
<b>Shetye SR</b>	Physical Oceanography
<b>Singh RN</b>	Geophysics, Geophysical, Environmental and Earth System Modelling
<b>Singh Sunil Kumar</b>	Low Temperature Geochemistry, Earth Surface Processes and Biogeochemistry of Trace Elements and Isotopes in Ocean
<b>Singhvi AK</b>	Quaternary Climates and Geochronology, Radiation Effects and Dosimetry
<b>Srinivasan J</b>	Climate Science
<b>Srinivasan R</b>	Precambrian Geology, Sedimentation & Structure
<b>Srivastava DC</b>	Structural Geology, Precambrian Geology and Fluid-inclusions
<b>Srivastava P</b>	Geology
<b>Srivastava RK</b>	Igneous Petrology, Geochemistry, Precambrian Tectonics, and Supercontinent Reconstructions

Name	Specialization
<b>Tandon SK</b>	Physical Stratigraphy, Quaternary Geology, Fluvial Sedimentology and River Science
<b>Tiwari VM</b>	Geophysics: (Gravimetry, Geodynamics and Hydrology)
<b>Tripathi SN</b>	Atmospheric Sciences, Planetary Atmospheres, Aerosol and Cloud
<b>Venkataraman Chandra</b>	Aerosol Science & Engineering, Atmospheric & Climate Science, Sustainability, Climate Forcing and Feedbacks to Air Pollution, Nanoparticle Drug Delivery

### SECTIONAL COMMITTEE – V

Engineering & Technology: *Electrical Engineering, Telecommunication Engineering, Electronics and Optoelectronics, Chemical Engineering, Civil Engineering, Environmental Engineering, Mechanical Engineering, Aeronautical Engineering, Metallurgical Engineering, Computer Science and Engineering including Software and Data science, Information Science and Technology, Advanced Materials (such as Bio-materials, Hybrid Materials and Nano Materials), Polymer Science & Engineering*

Total Fellows: 117

Name	Specialization
<b>Agarwal Vivek</b>	Power Electronics
<b>Agrawal A</b>	Mechanical Engineering, Fluid Mechanics and Heat Transfer
<b>Ayappa KG</b>	Chemical Engineering
<b>Balakrishnan N</b>	Information Security, Complex Networks, Computational Electromagnetics, Polarimetric and Doppler Radars
<b>Bandyopadhyay Bijnan</b>	Control Systems, Sliding Mode Control
<b>Bandyopadhyay S</b>	Computer Science (Soft Computing, Pattern Recognition and Computational Biology)
<b>Banerjee D</b>	Physical Metallurgy
<b>Banerjee Soumitro</b>	Nonlinear Dynamics
<b>Basu Bikramjit</b>	Biomaterials, Biomedical Engineering and Engineering Ceramics
<b>Bhat Navakanta</b>	Nanoelectronics and Sensors
<b>Bhatnagar Shalabh</b>	Stochastic Approximation Algorithms, Optimization via Simulation, Stochastic Control
<b>Bhattacharyya AB</b>	Micro-Electronics
<b>Bhowmick AK</b>	Polymer Science and Engineering
<b>Biswas G</b>	Heat Transfer, Computational Fluid Dynamics, Fluid Mechanics, Microfluidics
<b>Borkar VS</b>	Analysis and Control of Stochastic Systems
<b>Chakrabarti PP</b>	Computer Science and Engineering
<b>Chakrabarti S</b>	Computer Science, Text and Web Search, Social Networks
<b>Chakraborty S</b>	Microfluidics, Nanofluidics and Microscale/ Nanoscale Transport Processes

Name	Specialization
<b>Chakravorty D</b>	Materials Science
<b>Chattopadhyay K</b>	Physical Metallurgy and Materials Engineering
<b>Chaudhari RV</b>	Homogeneous & Heterogenous Catalysis, Reaction Engineering, Multiphase Reactors, Biomass Conversion to Chemicals and Fuels
<b>Chaudhuri BB</b>	Computer Science and Engineering
<b>Chaudhuri S</b>	Computer Vision, Image Processing, Machine Learning and Haptics
<b>Chhabra RP</b>	Chemical Engineering
<b>Chockalingam A</b>	Electrical Engineering (Communications)
<b>Chokshi AH</b>	Metallurgy and Materials Science
<b>Choudhary VR</b>	Catalysis and Chemical Reaction Engineering
<b>De Swades</b>	Communication Networks
<b>Deb K</b>	Optimization and Evolutionary Computation
<b>Deekshatulu BL</b>	Image Processing, Remote Sensing, Control Systems
<b>Desai UB</b>	Wireless communication, Cyber Physical Systems, Internet of Things (IoT), Signal Processing, Image and Video Processing
<b>Dey GK</b>	Development of Zirconium, Niobium and Nickel Based Alloys, Amorphous Alloys, Electron Microscopy, Joining of Materials
<b>Dey Subhasish</b>	Applied Hydrodynamics, Turbulence, Fluvial Hydrodynamics
<b>Dutta Pradip</b>	Mechanical Engineering (Heat Transfer, Energy Sciences)
<b>Dutta Roy SC</b>	Circuits, Systems & Signal Processing
<b>Ganguly C</b>	Nuclear Fuels & Fuel Cycle, Nuclear Materials and Advanced Ceramics
<b>Ghose Debashish</b>	Guidance and Control of Autonomous Systems
<b>Ghosh A</b>	Mechanical Engineering
<b>Goel PS</b>	Satellite Control Systems, Space Technology
<b>Govindarajan Rama</b>	Fluid Dynamics
<b>Guha D</b>	Radio Physics and Electronics
<b>Gupta NK</b>	Plasticity and Impact Mechanics
<b>Hari KVS</b>	Signal Processing
<b>Haritsa JR</b>	Computer Science (Database Systems)
<b>Jacob KT</b>	Materials Science and Processing, Thermodynamics of Materials, Phase Equilibria, Materials Extraction, Fuel Cells and Solid State Sensors, High Temperature Corrosion
<b>Jayaram V</b>	Materials Science and Engineering
<b>Jhunjunwala A</b>	Decentralized Solar Power Systems, Electric Vehicles, Telecommunication, Wireless Communications, Computer Networks, Fibre Optics, Industry-Academia Interaction
<b>Joshi JB</b>	Chemical Engineering
<b>Joshi YM</b>	Chemical Engineering, Rheology, Soft Matter

Name	Specialization
<b>Kant Tarun</b>	Solid & Structural Mechanics
<b>Kapuria S</b>	Structural Mechanics, Multifunctional Structures
<b>Kasturirangan K</b>	Experimental Astronomy, Satellite Technology & Remote Sensing Systems
<b>Khakhar DV</b>	Chemical Engineering
<b>Krishnan R</b>	Physical Metallurgy, Materials Science
<b>Krupanidhi SB</b>	Physics of Materials, Epitaxial Multi-Component Oxides, Compound Semiconductors, Superlattices, Functional Devices & Applications
<b>Kumar Anurag</b>	Communication Networks: Stochastic Modelling, Analysis, Optimisation and Control Problems arising in Communication Networks (Wireline and Wireless) and Distributed Systems
<b>Kumar R</b>	Multiphase Phenomena
<b>Kumaran V</b>	Chemical Engineering
<b>Lele AK</b>	Chemical Engineering, Polymer Science and Engineering
<b>Lele S</b>	Physical Metallurgy & Materials Science
<b>Madras Giridhar</b>	Chemical Engineering
<b>Mahapatra Souvik</b>	Microelectronics and VLSI, Nanoelectronics
<b>Malhotra BD</b>	Advanced Soft Electronic Materials including Nano-Materials, Self-Assembled Monolayers, Langmuir-Blodgett Films, Hydrogels Conducting Polymers, Microfluids, Biofuel Cells, Sensors, Biosensors and Bio-Molecular Electronics
<b>Mallik AK</b>	Vibration Engineering, Kinematics
<b>Mallik RK</b>	Electrical Engineering (Communications)
<b>Manna I</b>	Materials Engineering, Phase Transformation, Surface Engineering, Bainitic Steel, Nanofluid
<b>Mashelkar RA</b>	Polymer Science and Engineering
<b>Mehta NB</b>	Wireless Communications
<b>Mitra S</b>	Machine Learning, Data Science, Deep Learning, Medical Imaging, Bioinformatics
<b>Mittal S</b>	Unsteady Aerodynamics, Finite Elements, High Performance Computing
<b>Mukhopadhyay NK</b>	Physical Metallurgy, Quasicrystals, Complex Metallic Alloys, Electron Microscopy
<b>Munjal ML</b>	Technical Acoustics, Industrial Noise Control, Automotive Noise Control
<b>Murty BS</b>	Physical Metallurgy, Advanced Materials
<b>Narahari Y</b>	Computer Science and Electronics Commerce, Game Theory
<b>Narasimhan R</b>	Fracture Mechanics, Computational Solid Mechanics
<b>Pai MA</b>	Power System Dynamics, Power System Control & Computation

Name	Specialization
<b>Pal NR</b>	Computational Intelligence - Fuzzy Logic, Neural Networks and Evolutionary Computing, Machine Learning and Artificial Intelligence
<b>Pal SK</b>	Computer Science, Soft Computing and Machine Intelligence, Pattern Recognition and Image/Video Processing, Fuzzy Systems & Neural Learning, Data Mining and Social Network Analysis, Bioinformatics, Cognitive Machines and Machine-Mind Development, Data Science and Deep Learning
<b>Pandit AB</b>	Chemical Engineering, Design of Multiphase Reactors, Bubble Dynamics and Cavitation Phenomena
<b>Patnaik LM</b>	Computer Science and Engineering, Electronics & Information Technology
<b>Paul A</b>	Materials Engineering
<b>Pradip</b>	Materials Science and Mineral Engineering, Particle Science and Technology
<b>Prasad S</b>	Signal Processing & Communications
<b>Prasad YVRK</b>	Metallurgical Engineering - Mechanical Metallurgy & Processing
<b>Prathap G</b>	Computational Mechanics, Informetrics
<b>Rajan BS</b>	Electrical Engineering (Communications)
<b>Rajaraman V</b>	Computer Science
<b>Ramamurthy U</b>	Mechanical Behavior of Materials, Advanced Materials and Manufacturing
<b>Ranade VV</b>	Chemical Engineering, Multiphase Reactors, Process Intensification, CFD
<b>Ranganathan S</b>	Physical Metallurgy & Materials Science
<b>Rao PR</b>	Physical & Mechanical Metallurgy
<b>Rao PVS</b>	Computer Science, Artificial Intelligence, Speech & Script Recognition, Natural Language Processing
<b>Rao VR</b>	Nanoelectronics
<b>Ratnasamy Paul</b>	Catalysis
<b>Reddy VU</b>	Signal Processing & Communications
<b>Sarma VVS</b>	Computer Science, Intelligent Systems and Indian Logic
<b>Sen S</b>	Computer Science (Algorithms)
<b>Sharma Anurag</b>	Photonics: Fiber & Integrated Optics, Gradient-Index Optics, Applied Optics
<b>Sharma Ashutosh</b>	Nanotechnology, Patterning and Self-Organization of Soft Materials, Meso-mechanics, Colloid and Interface Science, Thin Films, Membranes, Functional Nanomaterials for Energy, Environment, Health and Sensors
<b>Sharma MM</b>	Multiphase Reactions and Reactors
<b>Shyamasundar RK</b>	Computer Science
<b>Singh Bhim</b>	Electrical Engineering

Name	Specialization
<b>Siva Ram Murthy C</b>	Computer Science (Parallel and Distributed Computing, Real-Time Systems, Computer Networks)
<b>Sivaram S</b>	Polymer Science
<b>Sridharan A</b>	Engineering, Properties of Clays
<b>Subbarao EC</b>	Materials Science, R&D Management
<b>Sukhatme SP</b>	Heat Transfer & Energy
<b>Sundararajan G</b>	Surface Engineering & Deformation Behaviour
<b>Surappa MK</b>	Material Processing, Solidification Processing of Metal Matrix Composites, Tribology of MMCs
<b>Varma Manik</b>	Machine Learning & Artificial Intelligence
<b>Venkatesh YV</b>	System Theory, Signal Processing, Machine & Computer Vision and Neural Networks, Biometrics and Hyperspectral Satellite Image Analysis
<b>Vidyasagar M</b>	Machine Learning, Control Theory, Statistical Learning Theory, Computational Biology
<b>Vijay Kumar P</b>	Electrical Communication Engineering: Error-Correcting Codes, Wireless Communication
<b>Viswanadham N</b>	Global Supply Chain Ecosystems, Logistics, Platform Business Models, Resilience in Business Ecosystems
<b>Yadav GD</b>	Chemical Engineering, Green Chemistry and Engineering, Catalysis Science and Engineering, Energy Engineering.
<b>Yegnanarayana B</b>	Signal Processing, Speech, Vision, and Neural Networks
<b>Yendluri SP</b>	Analog Mixed-Signal VLSI Design

#### SECTIONAL COMMITTEE – VI

General Biology: *Taxonomy, Structure, Ecology, Environmental Biology, Evolution and Behaviour of Plants, Animals and Microbes including Unicellular Eukaryotes*

*Total Fellows: 66*

Name	Specialization
<b>Agrawal M</b>	Ecology and Environmental Science (Air Pollution, Global Environmental Change, Food Chain Contamination)
<b>Barik SK</b>	Plant Ecology, Biodiversity Conservation, Climate Change Biology
<b>Bhattacharya Samir</b>	Comparative Endocrinology and Molecular Signaling
<b>Biju SD</b>	Amphibians: Taxonomy, Systematics, Molecular Phylogenetics, Biogeography and Conservation
<b>Borges RM</b>	Evolutionary Ecology
<b>Datta Munshi JS</b>	Fish & Fisheries, Ecology & Cell Biology
<b>Gadagkar R</b>	Animal Behaviour, Ecology & Evolution
<b>Gadgil MD</b>	Ecology, Environment & Development

Name	Specialization
<b>Ganeshaiiah KNG</b>	Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding
<b>Gupta PK</b>	Cytogenetics, Plant Breeding & Biotechnology
<b>Jairajpuri MS</b>	Nematology, Parasitology, Taxonomy, Biological Diversity
<b>Jhala YV</b>	Wildlife Ecology, Behaviour, Conservation, Genetics, Population Ecology, Nutrition
<b>Joshi A</b>	Evolutionary Genetics and Population Ecology
<b>Kesavan PC</b>	Radiation Biology, Genetics, Biodiversity, Sustainability Science
<b>Kohli RK</b>	Physiological Ecology, Invasion Plant Ecology, Forestry
<b>Kumar Vinod</b>	Chronobiology, Behavioural Neuroendocrinology, Temporal Ecology
<b>Lavania UC</b>	General and Molecular Cytogenetics, Molecular Systematics and Chromosome Evolution, Medicinal and Aromatic Plants, Phytotechnologies
<b>Majumdar SS</b>	Transgenic Animals and Endocrinology
<b>Malhotra KC</b>	Human Ecology
<b>Mallick N</b>	Algal Biotechnology
<b>Marimuthu G</b>	Animal Behaviour and Chronobiology
<b>Meher-Homji VM</b>	Ecology, Bioclimatology & Plant Geography
<b>Muralidhar K</b>	Biochemistry & Endocrinology
<b>Nagabushanam R</b>	Animal Physiology & Invertebrate Endocrinology
<b>Nagendra H</b>	Landscape Ecology; Forest Conservation; Satellite Remote Sensing; Urban Ecology, Climate Change
<b>Nanjundiah V</b>	Developmental Biology, Evolution, Theoretical Biology
<b>Nath U</b>	Leaf Morphogenesis
<b>Pandey Ashok</b>	Industrial/Environmental Biotechnology
<b>Pandian TJ</b>	Animal Sciences & Fish Genetics
<b>Pandit MK</b>	Plant Sciences, Ecogenomics, Conservation Biology
<b>Prasad NG</b>	Evolutionary Genetics
<b>Prasada Rao PD</b>	Neuroendocrinology, Neurobiology & Fisheries
<b>Rai LC</b>	Algology, Environmental & Agricultural Microbiology, Molecular Biology
<b>Ramakrishnan PS</b>	Ecology & Sustainable Development
<b>Ramakrishnan U</b>	Molecular Ecology, Population Genetics, Conservation Biology
<b>Ramamurthi R</b>	Animal Physiology, Biodiversity & Environmental Biology
<b>Ramamurthy T</b>	Microbiology and Molecular Microbiology
<b>Ranganath HA</b>	Zoology, Genetics and Evolution
<b>Rangaswamy NS</b>	Experimental Embryology & Tissue Culture
<b>Rao AJ</b>	Reproductive Biology



Name	Specialization
<b>Rao RR</b>	Plant Taxonomy, Biodiversity, Phytogeography, Conservation and Ethnobotany
<b>Sabu M</b>	Angiosperm Taxonomy, Reproductive Biology, Floristics
<b>Saidapur SK</b>	Biology of Reproduction, Comparative Endocrinology & Animal Behaviour
<b>Sangwan NS</b>	Plant Sciences
<b>Sanjappa M</b>	Plant Taxonomy & Conservation
<b>Sankaran Mahesh</b>	Ecology
<b>Senthilkumaran B</b>	Fish Molecular Endocrinology, Developmental Biology and Reproductive Biology
<b>Setty BS</b>	Reproductive Biology, Fertility Regulation
<b>Shah JJ</b>	Plant Anatomy & Wood Science
<b>Shah RV</b>	Comp Anatomy, General Developmental Physiology
<b>Shanbhag BA</b>	Biology of Reproduction and Endocrinology, Behavioral Ecology.
<b>Sharma Eklabya</b>	Ecology
<b>Shivanna KR</b>	Reproductive Biology particularly Pollen Biology and Biotechnology, and Conservation Biology
<b>Shouche Yogesh</b>	Microbial Diversity, Human Microbiome, Microbial Taxonomy
<b>Siddavattam D</b>	Microbiology
<b>Singh Inderjit</b>	Plant Ecology
<b>Singh JS</b>	Ecology, Ecosystems Analysis & Ecophysiology
<b>Singh Mewa</b>	Ecology, Animal Behaviour
<b>Singh PK</b>	Plant Sciences, Microbiology, Algology, Sustainable Agriculture, Research Management
<b>Singh SP</b>	Ecology, Ecosystem Services, Himalayan Tree Lines and Climate Change
<b>Subramoniam T</b>	Invertebrate Reproductive Biology & Cryobiology
<b>Sukumar R</b>	Ecology
<b>Tahseen Q</b>	Taxonomy and Biology of Fresh water and Soil-Inhabiting Nematodes
<b>Upreti DK</b>	Lichenology, Biosystematics, Environmental Studies
<b>Vasu Sheeba</b>	Circadian Rhythms
<b>Yadav SR</b>	Angiosperm Taxonomy

**SECTIONAL COMMITTEE – VII**

Molecular and Cellular Biology: *Cell Biology, Physiology, Development, Genetics, Genomics and other Omics of Plants, Animals and Microbes including Unicellular Eukaryotes*

Total Fellows: 81

Name	Specialization
<b>Apte SK</b>	Molecular Biology, Biochemistry, Microbial and Plant Biotechnology
<b>Bandyopadhyay A</b>	Cell Biology and Physiology
<b>Bapat VA</b>	Plant Biotechnology and Genetic Engineering
<b>Basak Soumen</b>	Immunology, Cancer Biology, Systems Biology, Virology, Cell Signaling
<b>Bhatnagar RK</b>	Molecular Biology
<b>Brahmachari Vani</b>	Epigenetics and Development Biology, Molecular Genetics
<b>Chakraborty N</b>	Plant Molecular Biology, Plant Proteomics
<b>Chakraborty Subhra</b>	Nutritional and Stress Genomics, Plant Immunity, Plant Proteomics, Molecular Biology & Biotechnology
<b>Chakraborty Supriya</b>	Biology of Plant Virus Interactions
<b>Chandra HGS</b>	Human Genetics, Evolution
<b>Chatterjee S</b>	Molecular Microbiology, Quorum Sensing, Plant-Microbe Interaction
<b>Chattopadhyay D</b>	Plant Biology, Plant Genomics
<b>Chattopadhyay S</b>	Plant Sciences (Developmental Biology)
<b>Das Sampa</b>	Plant Molecular Biology, Plant Biotechnology
<b>Dasgupta M</b>	Symbiotic Nitrogen Fixation
<b>Dass CMS</b>	Cell Biology - Cellular Ultrastructure & Function, Silk Worm Pathology
<b>Datta Kasturi</b>	Biotechnology, Molecular & Cell Biology
<b>Dhawan J</b>	Biology of Quiescent Adult Stem Cells
<b>Dighe RR</b>	Molecular Endocrinology, Reproductive Biology, Biotechnology
<b>Galande SA</b>	Chromatin Biology
<b>Ghosh B</b>	Biochemistry, Immunology, Molecular Genetics
<b>Gowrishankar J</b>	Microbial Genetics and Physiology, Molecular Biology and Biotechnology
<b>Grover Anil</b>	Heat Stress Responses of Plants
<b>Hasan Gaiti</b>	Molecular Genetics, Intracellular Calcium Signalling and Neurobiology
<b>Hasnain SE</b>	Functional Biology, Molecular Pathogenesis & Dissemination Dynamics of Human Pathogens particularly <i>M. tuberculosis</i>
<b>Inamdar MS</b>	Stem Cell Biology, Cardiovascular Development, Hematopoiesis, Angiogenesis

Name	Specialization
<b>Jha B</b>	Plant Molecular Biology & Biotechnology, Stress Genomics, Coastal & Marine Biotechnology, Gene Mining and Translational Research
<b>Johri MM</b>	Molecular Biology of Plants
<b>Joy KP</b>	Neuroendocrinology, Reproductive Endocrinology
<b>Kasbekar DP</b>	Fungal Genetics and Molecular Biology
<b>Kaur R</b>	Medical Mycology, Yeast Genetics and Molecular Biology
<b>Khanna-Chopra R</b>	Plant Physiology, Stress Physiology, Biochemistry
<b>Khosla S</b>	Epigenetics, Host-pathogen Interactions
<b>Khurana P</b>	Plant Biotechnology, Molecular Biology, Genomics
<b>Kirti PB</b>	Plant Molecular Biology
<b>Kolthur-Seetharam Ullas</b>	Molecular Physiology Chromatin & Gene Expression Mitochondria & Metabolism Aging & Metabolic Diseases
<b>Kundu TK</b>	Regulation of Gene Expression (Transcription) in Humans with Special Emphasis on Disease and Therapeutics and Related Chemical Biology
<b>Lahiri Majumder AN</b>	Plant Biochemistry & Molecular Biology, Plant Biotechnology
<b>Lakhotia SC</b>	Cytogenetics, Molecular Genetics & Cell Biology, Ayurvedic Biology
<b>Lal Rup</b>	Microbial Diversity, Genomics and Metagenomics
<b>Laxmi Ashverya</b>	Plant Physiology and Molecular Biology
<b>Mahale SD</b>	Reproductive Physiology
<b>Majumder HK</b>	Molecular Parasitology, Molecular Biology, Biochemistry
<b>Mallik Roop</b>	Intracellular Transport and Membrane Biology
<b>Mandal Lolitika</b>	Genetics & Cell & Development Biology
<b>Mukhopadhyay A</b>	Molecular Genetics of Aging
<b>Mylavarapu SVS</b>	Cell Biology
<b>Nandicoori VK</b>	Microbiology, Molecular Biology and Cell Signalling
<b>Pareek A</b>	Plant Molecular Biology
<b>Parnaik Veena K</b>	Cell and Molecular Biology
<b>Pucadyil Thomas</b>	Biochemistry/ Cell Biology
<b>Purohit AN</b>	Environmental Plant Physiology, Physiology and Biochemistry of Medicinal Plants
<b>Raghavan SC</b>	DNA Repair, Genomic Instability
<b>Raghavendra AS</b>	Botany, Plant Biochemistry, Molecular Plant Physiology and Plant Metabolomics
<b>Rajagopal S</b>	Plant Biochemistry, Chloroplast Bioenergetics
<b>Rajasekharan R</b>	Plant Lipid Metabolism
<b>Rangarajan PN</b>	Eukaryotic Gene Expression & Infectious Diseases
<b>Rao KV</b>	Plant Molecular Biology

Name	Specialization
<b>Ray K</b>	Molecular Cell Biology of Spermatogenesis and Intra-Cellular Transport in <i>Drosophila</i>
<b>Reddy Maddika Subba</b>	Cell Biology
<b>Reddy Manjula Nallamala</b>	Biological Sciences/ Microbial Biology
<b>Sane PV</b>	Photosynthesis, Plant Physiology, Biochemistry & Molecular Biology
<b>Savithri HS</b>	Plant Molecular Virology, Enzymology, Protein Chemistry
<b>Sawhney SK</b>	Plant Biochemistry
<b>Shashidhara LS</b>	Genetics and Developmental Biology
<b>Shivaprasad PV</b>	Plant Biology
<b>Siddiqi I</b>	Plant Molecular Genetics
<b>Singla-Pareek SL</b>	Plant Stress Biology and Crop Biotechnology
<b>Sinha AK</b>	Plant Physiology and Molecular Biology
<b>Sobti RC</b>	Cell Biology, Molecular Genetics Cytogenetics, Animals and Humans
<b>Sopory SK</b>	Molecular Plant Physiology
<b>Srinivasan MC</b>	Mycology, Industrial Microbiology & Enzyme Technology
<b>Tewari HB</b>	Cell Biology, Histochemistry & Neurochemistry
<b>Tripathi AK</b>	Molecular Microbiology (Agricultural & Environmental)
<b>Tripathy BC</b>	Plant Physiology, Plant Biotechnology
<b>Tuteja N</b>	Plant Molecular Biology, Plant and Animal Biotechnology, Agriculture, DNA/RNA Helicases, Plant Abiotic and Biotic Stress Tolerance, Plant-Microbes Interactions
<b>Tyagi AK</b>	Plant Biology
<b>Upadhyaya KC</b>	Molecular Genetics and Genomics, Plant Molecular Biology and Biotechnology
<b>Veluthambi K</b>	Plant Sciences, Plant Biotechnology, Plant Virology
<b>Vijay Raghavan K</b>	Developmental Biology and Genetics
<b>Vijayraghavan Usha</b>	Molecular Genetics, Plant Development

#### SECTIONAL COMMITTEE – VIII

***Biomolecular, Structural Biology and Drug Discovery:*** *Biochemistry, Biophysics, Molecular Biology, Pharmacology, Structural Biology, Bioinformatics, Computational Biology, System Biology*

*Total Fellows: 105*

Name	Specialization
<b>Adhya Samit</b>	Molecular Biology
<b>Ahmad F</b>	Biophysical Chemistry and Biochemistry
<b>Anand Ruchi</b>	Structural Biology, Biochemistry and Biophysics
<b>Bachhawat AK</b>	Microbial Genetics & Biochemistry / Yeast Glutathione & Sulphur Metabolism

Name	Specialization
<b>Balaram H</b>	Biochemistry, Metabolism, Molecular Parasitology, Molecular Enzymology
<b>Balaram P</b>	Chemical Biology and Molecular Biophysics
<b>Balasubramanian D</b>	Biophysical Chemistry, Biomolecular Interactions, Ocular Biochemistry, Protein Structure
<b>Bandyopadhyay Uday</b>	Biochemistry and Cell Biology
<b>Banerjee RK</b>	Cell Biology, Molecular Enzymology
<b>Bansal Manju</b>	Molecular Biophysics, Structural and Computational Biology
<b>Basu Joyoti</b>	Molecular and Cellular Biology with Special Reference to Mycobacteria
<b>Basu SK</b>	Biochemistry, Molecular Biology & Genetics
<b>Batra JK</b>	Biochemistry, Molecular Biology
<b>Bhalla US</b>	Computation Neuro Science, Neuro Biology
<b>Bhattacharya Alok</b>	Molecular Parasitology, Genomics, Bioinformatics
<b>Bhattacharya Sudha</b>	Molecular Biology, Molecular Parasitology
<b>Bhattacharyya SN</b>	Molecular Cell Biology
<b>Brahmachari SK</b>	Structural Biology, Functional Genomics, Open Source Drug Discovery
<b>Chakrabarti P</b>	Molecular Biophysics, X-ray Crystallography and Structural Biology, Bioinformatics
<b>Chandra Nagasuma</b>	Systems Biology
<b>Chatterjee SN</b>	Biophysics, Microbiology, Molecular and Genetic Toxicology, Free Radicals Biology
<b>Chatterji D</b>	Biophysical Chemistry, Molecular Biology & Nanobiology
<b>Chattopadhyay A</b>	Membrane/ G Protein-coupled Receptor Biophysics & Biology, Fluorescence Spectroscopy & Microscopy
<b>Chauhan VS</b>	Peptides as Self Organising System and Drug Delivery Platforms, Malaria Immunology, Subunit Vaccine and Malaria Drug Development
<b>Das HK</b>	Biochemistry, Molecular Biology & Recombinant DNA Technology
<b>Das PK</b>	Biochemistry, Cell Biology, Molecular Parasitology
<b>Das Saumitra</b>	Molecular Virology and Molecular Biology
<b>Dasgupta CK</b>	Biochemistry and Biophysics
<b>Datta AK</b>	Enzymology, Molecular Biology, Parasitology
<b>Datta Asis</b>	Biochemistry, Molecular Biology & Genetic Engineering
<b>Dhar SK</b>	Biochemistry, Molecular Biology, Cell Biology, Parasitology
<b>Dikshit KL</b>	Molecular Biology, Biochemistry
<b>Dikshit M</b>	Molecular Pharmacology
<b>Durga Rao C</b>	Virology, Cell and Molecular Biology, Biotechnology
<b>Easwaran KRK</b>	Molecular Biophysics, Membrane Biophysics, Structural Biology

Name	Specialization
<b>Gokhale RS</b>	Chemical Biology
<b>Gopal B</b>	Structural Biology
<b>Gopinathan KP</b>	Molecular Biology & Biotechnology
<b>Gourinath S</b>	Structural Biology (Infectious Disease)
<b>Gromiha MSM</b>	Bioinformatics, Computational Biology, Protein Structure-Function
<b>Gupta CM</b>	Membrane Biology and Bio-Organic Chemistry
<b>Gupta KC</b>	Nucleic Acid Chemistry, Nanobiotechnology
<b>Gupta MN</b>	Biochemistry
<b>Habib Saman</b>	Malaria Parasite Biology, Human Genetic Factors and Malaria Susceptibility
<b>Hosur MV</b>	Biophysics, X-ray Crystallography
<b>Kannan KK</b>	Macromolecular Crystallography, Molecular Biology
<b>Khanna NC</b>	Biotechnology: Recombinant Proteins of Medical Use
<b>Kolaskar AS</b>	Molecular Biophysics, Bioinformatics
<b>Krishnamoorthy G</b>	Biophysical Laser Spectroscopy, Macromolecular Dynamics
<b>Kumar Anil</b>	Nuclear Magnetic Resonance Spectroscopy & Applications to Biomolecules and Quantum Computing
<b>Kundu GC</b>	Tumor Biology, Regulation of Gene Expression, Targeted Drug Delivery, Angiogenesis, Cancer Stem Cells, Chemical Biology and Nanotechnology
<b>Maiti S</b>	Chemical Biology and Biophysics
<b>Maji SK</b>	Biochemistry, Biophysics, Protein Folding/Misfolding, Protein Aggregation, Neurodegenerative Diseases
<b>Malhotra Pawan</b>	Parasitology and Protein Biochemistry
<b>Mandal NC</b>	Molecular Biology
<b>Mande Sharmila S</b>	Bioinformatics & Computational Biology
<b>Mande SC</b>	Biophysics
<b>Mayor S</b>	Cell Biology
<b>Mishra RK</b>	Genomics of the Non-coding DNA & Epigenetic Regulation and Development
<b>Misra HS</b>	Molecular and Cellular response to DNA damage, Molecular Genetics, Structure-function of proteins & non-B form of DNA and Radiobiology
<b>Mohan Rao C</b>	Biophysical Chemistry and Molecular Biology, Protein Folding in Health and Disease, Molecular Diagnostics, Microfluidics and Nanobiology
<b>Mohanty D</b>	Computational Biology & Bioinformatics
<b>Mukhopadhyay A</b>	Cell Biology
<b>Mukhopadhyay Samrat</b>	Molecular Biophysics & Chemical Biology
<b>Muniyappa K</b>	Molecular Genetics, Molecular Cell Biology, Functional Genomics

Name	Specialization
<b>Murthy MRN</b>	X-ray Diffraction, Macromolecular Crystallography, Protein Structure and Function, Virus Structure and Assembly
<b>Nagaraj R</b>	Peptide Biochemistry, Membrane Biochemistry
<b>Nagaraja V</b>	Molecular Biology of Mycobacteria, Regulation of Gene Expression and Protein-DNA Interactions
<b>Nagaraju Ganesh</b>	DNA Damage Responses, Cell Biology and Cancer Biology
<b>Nair DT</b>	Structural & Molecular Biology
<b>Padmanaban G</b>	Biochemistry, Molecular Biology & Malaria
<b>Panda Dulal</b>	Biochemistry, Cell Biology and Biophysics
<b>Prasad R</b>	Membrane Biology, Biochemistry, Fungal Genetics
<b>Raghava GPS</b>	Bioinformatics
<b>Ramakrishnan C</b>	Molecular Biophysics
<b>Rao BJ</b>	Molecular basis of Genome Dynamics Biophysics of Genome Repair Complexes
<b>Rao DN</b>	Protein- DNA Interactions
<b>Rao NA</b>	Enzyme Regulation and Kinetics & Human Genetics
<b>Roy RP</b>	Biochemistry, Synthetic Protein Chemistry Chemical Biology
<b>Roy S</b>	Biophysics, Biochemistry, Structural Biology, Chemical Biology
<b>Sahni G</b>	Enzymology, Protein Engineering
<b>Sahu AK</b>	Complement Biology, Molecular Virology
<b>Salunke DM</b>	Structural Biology, Macromolecular Crystallography, Molecular Biophysics
<b>Sankaranarayanan R</b>	Structural Biology
<b>Saran Anil</b>	Molecular Biophysics & Biomolecular NMR
<b>Sarkar DP</b>	Biochemistry, Molecular Virology, Molecular Cell Biology, Cell Signaling, Biotechnology & Membrane Biology
<b>Sarkar Dibyendu</b>	Biochemistry & Molecular Microbiology
<b>Sasisekharan V</b>	Biomolecular Structure & Function
<b>Sen Ranjan</b>	Microbiology, Biochemistry
<b>Shaha C</b>	Cell Biology, Biochemistry
<b>Sharma P</b>	Signal Transduction, Biochemistry, Malaria, Neuroscience
<b>Sharma Y</b>	Biophysics
<b>Shukla AK</b>	Membrane Protein, Structural Biology, Protein Engineering and Design
<b>Singh TP</b>	Structural Biology, X-ray Crystallography, Protein Structures, Peptide Design and Drug Discovery
<b>Sinha Somdatta</b>	Theoretical and Computational Biology, Complex Systems
<b>Sowdhamini R</b>	Structural Bioinformatics, Protein Sequence Analysis, Genome Analysis, Function Prediction
<b>Subba Rao PV</b>	Biochemistry, Immunology, Biotechnology

Name	Specialization
<b>Surolia A</b>	Protein Folding, Function & Design, Tuberculosis
<b>Swarup G</b>	Molecular and Cell Biology, Molecular Basis of Disease, Cell Signalling, Membrane Vesicle Trafficking
<b>Tyagi Anil K</b>	Biochemistry, Molecular Biology
<b>Tyagi JS</b>	Mycobacteriology, Molecular Biology
<b>Udgaonkar JB</b>	Physical Biochemistry
<b>Varadarajan R</b>	Protein Structure and Folding
<b>Varshney U</b>	Molecular Biology
<b>Visweswariah SS</b>	Biochemistry, Cell Biology

### SECTIONAL COMMITTEE – IX

Health Sciences: *Basic and Clinical Medical Sciences—Communicable and Non-communicable Diseases, Epidemiology, Anthropology, Psychology, Cognitive and Neurosciences, Medical Genetics and Genomics, Public Health, Nutrition, Immunology*

Total Fellows: 133

Name	Specialization
<b>Abraham Priya</b>	Virology: Hepatitis Viruses and Papillomaviruses
<b>Acharya SK</b>	Gastro Enterology, Hepatology
<b>Agarwal KN</b>	Pediatrics - Nutrition, Growth & Development
<b>Aggarwal A</b>	Medicine: Autoimmune Rheumatic Diseases, Pediatric Rheumatology
<b>Aggarwal R</b>	Medical Sciences, Gastroenterology, Liver Disease, Viral Hepatitis, Epidemiology, Health Economics
<b>Agrawal A</b>	Medicine, Respiratory Disease Biology, Molecular Physiology
<b>Agrewala JN</b>	Immunology, Tuberculosis, Vaccines, Gut Microbiome
<b>Ali Nahid</b>	Biochemistry/Immunology
<b>Ali Sher</b>	Molecular Genetics of Human and Animal Systems
<b>Anand Anuranjan</b>	Human Genetics and Genomics
<b>Anand Ashima</b>	Cardiorespiratory & Neuro-physiology
<b>Arankalle VA</b>	Virology, Biotechnology, Vaccinology
<b>Ashraf MZ</b>	Genomics, Biomedical Sciences, Translational Biology, High Altitude Biology
<b>Ateeq Bushra</b>	Cancer Biology and Molecular Oncology, Health Sciences
<b>Awasthi Shally</b>	Pediatrics
<b>Bakhshi Sameer</b>	Pediatric and Medical Oncology
<b>Bal Chandrasekhar</b>	Nuclear Medicine
<b>Balaji KN</b>	Immunology, Infectious Diseases, Cell Biology
<b>Bamezai RNK</b>	Genetics, Human Genetics



Name	Specialization
<b>Bamji Mahtab S</b>	Biochemistry, Nutrition
<b>Banerjea AC</b>	Viral Pathogenesis and Gene Therapy
<b>Basu Anirban</b>	Neurovirology, Neurobiology, Molecular Medicine and Drug Repurposing
<b>Bhandari Nita</b>	Nutrition, Child Health, Vaccinology
<b>Bhargava B</b>	Medicine (Cardiology) and Medtech Innovation
<b>Bhatnagar R</b>	Microbiology, Immunology
<b>Bhatnagar Shinjini</b>	Health Sciences
<b>Bhattacharya SK</b>	Diarrhoeal Diseases, HIV/AIDS, Kala-azar, Infectious Diseases
<b>Bhisey RA</b>	Environmental Carcinogenesis, Molecular Epidemiology
<b>Chakrabarti S</b>	Viral Diseases with Special Emphasis on Genetic Characterization of Viruses and Mechanism of Pathogenesis
<b>Chakraborti PK</b>	Molecular Biology & Biochemistry, Molecular Microbiology
<b>Chakravorty D</b>	Microbiology, Infectious Diseases
<b>Chandak GR</b>	Human and Medical Genetics
<b>Chatterjee M</b>	Immunopharmacology, Leishmania Biology
<b>Chattopadhyay S</b>	Gene Regulation, Cancer Biology and Immunology
<b>Chawla-Sarkar M</b>	Molecular Virology
<b>Chitnis CE</b>	Molecular Parasitology
<b>Chowdhury A</b>	Health Sciences: Hepatology
<b>Das BC</b>	Molecular Cancer & Stem Cell Biology, Tumor Virology and Human Molecular Genetics
<b>Das Pradeep</b>	Medical Biotechnology and Molecular Parasitology
<b>Dash D</b>	Biochemistry, Thrombus/Platelet Biology, Translational Nanomedicine
<b>Deo MG</b>	Pathology, Oncology, Molecular Medicine
<b>Dey CS</b>	Cell Biology, Molecular Biology, Insulin Signaling, Diabetes, Drug Resistance in Leishmania
<b>Dube Anuradha</b>	Medical Parasitology (Leishmaniasis)
<b>Ehtesham NZ</b>	Biomedical Sciences
<b>Ganesan V</b>	Psychiatry, Neuroscience, Schizophrenia, Neuromodulation
<b>Ganesh S</b>	Neurobiology of Disorders, Human Molecular Genetics
<b>Gangal SG</b>	Cancer Immunology, Basic Immunology Genetic Diseases
<b>Ganguly NK</b>	Microbiology, Immunology, Biotechnology, Infectious Disease Public Health and Policy
<b>Garg LC</b>	Infectious Diseases, Gene Expression, Vaccine Development
<b>Garg PK</b>	Medicine, Gastroenterology, Pancreatology
<b>Ghosh A</b>	Molecular Biology of <i>Vibrio cholera</i>

Name	Specialization
<b>Giri AK</b>	Genetic Toxicology, Environmental Mutagenesis, Human Genetics and Genomics, Monitoring of Human Population Exposed to Environmental Mutagens and Carcinogens
<b>Guchhait Prasenjit</b>	Thrombosis, Inflammation and Immune Biology in Human Diseases
<b>Gupta SK</b>	Reproductive Biology/Immunology, Vaccine Development
<b>Jagannathan NR</b>	Clinical and Pre-clinical Cancer Research using Molecular Imaging/Magnetic Resonance Imaging (MRI) & in-vivo NMR Spectroscopy/Functional MRI Studies/NMR Metabolomics/Biophysics
<b>Jain N</b>	Neuroscience
<b>Jameel S</b>	Virology
<b>John TJ</b>	Medicine: Paediatrics, Microbiology & Virology
<b>Kang G</b>	Medicine, Microbiology, Vaccines, Enteric Infections, Public Health
<b>Kar Premashis</b>	Gastroenterology
<b>Katoch VM</b>	Microbiology and Molecular Biology of Mycobacteria/ Mycobacteriology
<b>Kaul Deepak</b>	Molecular Medicine, Functional Genomics, Genomic Immunity
<b>Kochupillai NP</b>	Endocrinology, Metabolism, Diabetes & Biotechnology
<b>Kondaiah P</b>	Cancer Biology and Biomarkers, Cancer Therapeutics, Gene Regulation by Steroid Hormones
<b>Krishnaswamy K</b>	Internal Medicine
<b>Kurpad AV</b>	Nutrition, Physiology
<b>Luthra Kalpana</b>	Biochemistry
<b>Luthra UK</b>	Pathology, Cytopathology, Cancer Research, Medical Research
<b>Madhubala R</b>	Molecular Parasitology, Functional Genomics
<b>Mahapatra NR</b>	Molecular Genetics
<b>Majumder PP</b>	Human Genetics, Genetic Epidemiology Biostatistics
<b>Mallick BN</b>	Physiology, Neurobiology/Neurophysiology of Sleep-Wakefulness
<b>Mandal C</b>	Cancer Biology, Glycobiology, Immunology
<b>Mandal M</b>	Cancer Biology
<b>Mathan MM</b>	Pathology, Electron Microscopy
<b>Mathan VI</b>	Gastroenterology and Epidemiology
<b>Mathur Asha</b>	Medical Microbiology, Virology, Immunology
<b>Mehra NK</b>	Transplantation Immunology, HLA and Clinical Immunogenetics
<b>Mishra AC</b>	Epidemiology & Natural Cycle of Viral Diseases
<b>Mishra GC</b>	Immunology
<b>Misra UK</b>	Neurology
<b>Mitra Debashis</b>	Molecular Virology and Molecular Immunology

Name	Specialization
<b>Mittra I</b>	Oncology/Cancer Surgery, Fundamental, Clinical and Public Health Research in Cancer
<b>Mohan V</b>	Medicine-Diabetes Mellitus
<b>Mukhopadhyay S</b>	Immunology and Infection Biology
<b>Muthukkaruppan V</b>	Immunology, Ocular Diseases, Stem Cell Biology
<b>Nair GB</b>	Medical and Molecular Microbiology
<b>Nayak NC</b>	Pathology, Liver Diseases & Cancer
<b>Panda SK</b>	Liver Pathology and Virology of Hepatitis Viruses
<b>Paul VK</b>	Pediatrics, Health Sciences, Basic and Clinical Sciences/ Public Health
<b>Pillai MR</b>	Disease Biology
<b>Prabhakaran Dorairaj</b>	Cardiology, Epidemiology and Public Health
<b>Qadri Ayub</b>	Immunology
<b>Ramakrishna BS</b>	Gastroenterology
<b>Raman R</b>	Molecular Cytogenetics, Human Genetics
<b>Ranga U</b>	HIV-AIDS (Immunology, Molecular Biology, Pathogenesis)
<b>Rao KVS</b>	Immunology
<b>Ravindranath V</b>	Neuroscience
<b>Rout D</b>	Neurosurgery, Micro-neurosurgery, Microvascular Surgery & Neurosciences
<b>Roy Syamal</b>	Parasitology, Immunology
<b>Roychoudhury S</b>	Cancer Biology
<b>Saha B</b>	Immunology
<b>Salotra P</b>	Molecular Parasitology and Immunology
<b>Sanyal K</b>	Genetics and Genomics of Human Fungal Pathogens, Eukaryotic Chromosome Segregation
<b>Sarin SK</b>	Hepatology and Gastroenterology
<b>Sarkar C</b>	Neuropathology and Neurooncology
<b>Sarkar PK</b>	Neurodegenerative Diseases, Molecular Neurobiology, Neuroendocrinology
<b>Saxena RK</b>	Immunology, Nanotoxicology, Nanosciences, Biotechnology, Pulmonary Immune Responses and Effect of Environmental Pollutants, Erythrocyte turnover
<b>Sengupta S</b>	Cancer Biology, Cell Biology, DNA Damage Response, DNA Repair, Mitochondria Biology
<b>Sharma S</b>	Parasite Biology and Immunology
<b>Sharma SK</b>	General Medicine; Pulmonary, Critical Care and Sleep Medicine & Infectious Diseases
<b>Sharma YD</b>	Molecular Parasitology, Malaria, Molecular Epidemiology
<b>Singh Y</b>	Bacterial Pathogenesis, Bacterial Protein Toxins, Signal Transduction in Bacteria

Name	Specialization
<b>Sinha S</b>	Molecular Medicine, Oncology (Glioma) and Immunology
<b>Somasundaram K</b>	Cancer Biology, Virology, Genetics
<b>Srimal RC</b>	Pharmacology, Natural Products & Toxicology
<b>Srivastava MVP</b>	Medicine (Neurology)
<b>Subbarao SK</b>	Insect Genetics, Cytogenetics, Molecular Entomology & Epidemiology, Transmission Dynamics and Control of Vector-borne Diseases with Special Interest in Malaria and Vectors Transmitting Dengue, Chikungunya and Zika
<b>Sundar Shyam</b>	Medicine, Infectious Diseases, Visceral Leishmaniasis, HIV Medicine
<b>Swaminathan S</b>	Clinical Medical Sciences
<b>Talwar GP</b>	Biomedical Research
<b>Talwar KK</b>	Cardiology
<b>Tandon N</b>	Endocrinology and Metabolism
<b>Tandon PN</b>	Neurosurgery
<b>Thangaraj K</b>	Population Genetics and Evolutionary Biology, Clinical and Medical Genetics, Ancient DNA and Forensic Genetics
<b>Thelma BK</b>	Cytogenetics, Human Genetics and Medical Genomics
<b>Tole Shubha</b>	Neuroscience
<b>Vaidya VA</b>	Neuroscience
<b>Valiathan MVS</b>	Cardiac Surgery
<b>Vijayachari Paluru</b>	Medicine, Molecular Medical Microbiology
<b>Vrati Sudhanshu</b>	Virology, Vaccinology
<b>Wani MR</b>	Bone Remodeling and Regenerative Medicine
<b>Yajnik CS</b>	Medicine (Diabetologist)

#### SECTIONAL COMMITTEE – X

Agricultural Sciences: *Agriculture, Horticulture, Forestry, Fisheries, Food Science, Veterinary Science, Pathogen Biology and Host Pathogen Interaction Both Plant and Veterinary Importance*

Total Fellows: 68

Name	Specialization
<b>Abrol IP</b>	Soil Science, Sustainable Agriculture, Research Management
<b>Adhya TK</b>	Environmental Microbiology
<b>Arunachalam V</b>	Quantitative Genetics, Plant Breeding, Biodiversity
<b>Bagyaraj DJ</b>	Agricultural Microbiology, Mycorrhizal Symbiosis
<b>Balyan HS</b>	Genetics, Plant Breeding & Crop Biotechnology
<b>Banga SS</b>	Plant Breeding and Genetics
<b>Bhatia Sabhyata</b>	Crop Biotechnology and Genomics

Name	Specialization
<b>Bisht NC</b>	Agricultural Biotechnology (Nutrigenetics & Genomics of Seed Quality Traits in Brassica crops)
<b>Chauhan MS</b>	Animal Reproduction Assisted Reproduction Technology, IVE, Stem Cell Culture, Animal Cloning and Transgenesis
<b>Das P</b>	Biotechnology of Woody Plants & Horticultural Crops
<b>Dasgupta Indranil</b>	Plant Viruses and Plant-Virus Interactions
<b>Datta SK</b>	Plant Biotechnology
<b>Dhillon BS</b>	Agricultural Sciences-Genetics
<b>Ghosh K</b>	Agricultural Chemistry and Soil Science
<b>Ghosh PK</b>	Natural Resource Management (Agronomy)
<b>Gill BS</b>	Tropical Veterinary Medicine
<b>Gupta RK</b>	Soil Science, Land Reclamation, Irrigation Water Quality and Conservation Agriculture
<b>Husain A</b>	Plant Pathology
<b>Joshi AK</b>	Agricultural Sciences
<b>Khehra AS</b>	Plant Breeding & Quantitative Genetics
<b>Khush GS</b>	Plant Breeding & Genetics
<b>Kumar Arvind</b>	Genetics & Plant Breeding
<b>Kumar S</b>	Molecular Plant Physiology
<b>Madan Mohan</b>	Agricultural Biotechnology
<b>Mohapatra T</b>	Agricultural Biotechnology
<b>Mukherjee PK</b>	Plant Pathology, Biocontrol, Fungal Genetics
<b>Nautiyal CS</b>	Plant-Microbe Interactions & Soil Microbiology
<b>Palni LMS</b>	Plant Physiology & Biotechnology, Plant-Microbe Interactions, Himalayan Issues
<b>Parida SK</b>	Genomics-Assisted Breeding for Crop Improvement, Molecular Genetics, Molecular Breeding, Agriculture Biotechnology
<b>Paroda RS</b>	Plant Breeding & Genetics
<b>Pathak H</b>	Agricultural Sciences
<b>Pental D</b>	Breeding of Mustard, Transgenic Crops
<b>Podile AR</b>	Plant-Microbe Interactions
<b>Pradhan AK</b>	Plant Genetics and Molecular Plant Breeding
<b>Prasad Manoj</b>	Plant Genetics & Genomics, Stress Biology
<b>Prasad R</b>	Agronomy, Soil Fertility & Fertilizers, Cropping Systems
<b>Raina SK</b>	Agricultural Biotechnology
<b>Rajam MV</b>	Plant Biotechnology, Polyamine Physiology and RNA Interference
<b>Rao CS</b>	Soil Carbon Sequestration, Climate Change, Natural Resource Management
<b>Sangwan RS</b>	Secondary Metabolism and Secondary Agriculture Bioprocessing for Resource Recovery & Value Added Products

Name	Specialization
<b>Saxena KN</b>	Entomology: Insect Behaviour and Management
<b>Sethunathan N</b>	Environmental Microbiology
<b>Sharma RP</b>	Genetics, Cytogenetics and Plant Biotechnology
<b>Sharma TR</b>	Agricultural Biotechnology and Disease Resistance
<b>Siddiq EA</b>	Genetics & Plant Breeding
<b>Singh AK</b>	Genetics and Molecular Breeding in Rice
<b>Singh Bijay</b>	Soil Fertility and Chemistry
<b>Singh GP</b>	Agriculture
<b>Singh NK</b>	Plant Genomics, Transgenic Development, Molecular Breeding, Grain Quality in Rice and Wheat
<b>Singh N</b>	Food Science and Technology
<b>Singh NT</b>	Soil Science
<b>Singh PK</b>	Crop Genetic Engineering
<b>Singh Randhir</b>	Plant Biochemistry & Biotechnology
<b>Singh Rangil</b>	Plant Biochemistry (Metabolism of Carbohydrates and their Bio-regulation during Growth and Development of Cereals, Legumes, Forages and other Commercial Crops)
<b>Singh SR</b>	Soil and Water Engineering, Irrigation and Drainage Engineering, Ground Water Modelling
<b>Singh Y</b>	Soil Science
<b>Singhal Rekha Satishchandra</b>	Food/Bioprocesses-Science and Technology
<b>Sinha VRP</b>	Fish Biology, Reproductive Physiology & Aquatic Productivity Management and Fisheries Research Management
<b>Sonti RV</b>	Pathogen-plant Interactions
<b>Subba Rao NS</b>	Soil Microbiology & Biofertilizers
<b>Takkar PN</b>	Agriculture, Soil Chemistry, Fertility and Plant Nutrition, Micronutrients
<b>Tamang JP</b>	Microbiology of Fermented Food and Beverages
<b>Trivedi PK</b>	Plant Molecular Biology and Biotechnology
<b>Tuli R</b>	Biochemistry & Molecular Genetics of Agriculturally & Medicinally Important Plants, Genomic Diversity in Plants for Precision Breeding, Food and Nutrition Biotechnology
<b>Varma A</b>	Plant Virology, Plant Pathology, Biotechnology, Education
<b>Varshney RK</b>	Crop Genetics, Genomics and Molecular Breeding
<b>Virk DS</b>	Genetics and Plant Breeding
<b>Yadav OP</b>	Plant Breeding

## SECTIONAL COMMITTEE-NC

New Category

*Total Fellows: 14*

Name	Specialization
<b>Bhujanga Rao V</b>	Defence R&D, Naval systems, Structural Dynamics, Underwater acoustics, Medical Implants
<b>Gupta AK</b>	Inclusive, Frugal and Grassroots Innovation, Institution Building, Sustainable Agriculture, Technological, Educational, Institutional Innovations, Public Policy
<b>Hamied YK</b>	Steroid Chemistry, Applied Organic Chemistry
<b>Harinarayana K</b>	Aeronautical Engineering
<b>Kumbhar PS</b>	Chemical Reaction Engineering, Catalysis, Biotechnology
<b>Narain S</b>	Environment, Sustainable Development, Public Policy, Science Outreach
<b>Nayak S</b>	Earth Sciences
<b>Raina Dhruv</b>	History and Philosophy of Science
<b>Ramasubramanian K</b>	Non-linear Dynamics and Chaos, Indian Astronomy and Mathematics, Advaita Vedanta
<b>Sharma DK</b>	Microelectronics, VLSI Design
<b>Sivan K</b>	Aerospace Engineering, Space Transportation Systems Engineering
<b>Srinivas MD</b>	Theoretical Physics, History and Philosophy of Science
<b>Sriram MS</b>	History of Indian Astronomy & Mathematics
<b>Suresh BN</b>	Controls Systems, Actuation Systems, Simulation, Launch Vehicle, Design, System Engineering, Mission Planning and R & D Management

## LOCAL CHAPTERS AND CONVENERS

(From April 1, 2024 to 31 March, 2027)

S. No.	Local Chapter	Present Convener	Convener
1	Ahmedabad	Professor Pankaj S Joshi	Professor Pankaj S Joshi, Convener Dr Anil Bhardwaj, Co-Convener
2	Bengaluru	Professor Maneesha Inamdar	Professor Kaustuv Sanyal
3	Bhubaneswar	Dr TK Adhya	Dr Gopal Kudu
4	Chandigarh	Dr Anand Kumar Bachawat	Dr Kapil Paranjape, Convener Dr RC Sobti, Co-Convener
5	Chennai	Professor Sundarababu Baskaran	Dr Nitish Mahapatra
6	Delhi	Dr Niranjan Chakraborti	Professor Pramod Garg
7	Hyderabad	Dr Subeer S Majumdar jointly with Dr Rakesh Kumar Mishra	Dr Manjula Reddy
8	Kanpur	Professor JK Bera	Dr Bushra Ateeq
9	Kharagpur	Professor Amit Basak	Professor Suman Chakraborty
10	Kolkata	Dr HK Majumder	Dr HK Majumder
11	Lucknow	Dr Saman Habib	Dr Prabodh Kumar Trivedi
12	Madurai	Dr K Veluthambi	Professor M Palaniandavar
13	Mumbai	Professor G Ravindra Kumar	Professor M Ravikant
14	Pune	Dr Anil Kumar	Professor Yashwant Gupta
15	Thiruvananthapuram	Professor JN Moorthy	Professor K. George Thomas
16	Varanasi	Professor Maya Shankar Singh	Professor NV Chalapathi Rao



## COMMITTEES

### **(A)** *Ex-officio Membership by Officers*

- (1) THE PRESIDENT, by rule, presides over all the Committees which he/she attends.
- (2) The members present elect the *Chairman* in the absence of the PRESIDENT.

### **(B)** *Retirement from Committees*

- (1) The retirement of members of the Sectional Committees is laid down in the Regulations.
- (2) The tenure of members of other Standing Committees of the Academy is normally one year.

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FA, DST

Nominee of Secretary, DST

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Professor G Parthasarthy, *FNA*  
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Professor SR Wadia, *VP*  
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**G. Committee for Archives**

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Professor Sanjay Puri, *VP*  
Professor SR Wadia, *VP*  
Dr VM Tiwari, *VP*  
Professor Amita Das  
Professor Paramjit Khurana

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Professor NV Chelapati Rao  
Professor Akhilesh Tyagi

**I. INSA Panel on Ethics in Science**

Professor Amit Ghosh, *Chair*  
Professor S Chandrasekaran  
Professor ML Munjal  
Professor Sriram R Ramaswamy  
Professor Chitra Sarkar  
Professor N Sathyamurthy  
Professor SR Shetye  
Professor Madhu Dikshit

**J. INSA Panel on Women in Science**

Co-opt from outside (start-up), industry, associate/women fellows  
(President or his/her nominee)  
Professor Shubhra Chakraborty, *Chair*  
Professor Srubabati Goswami  
Professor Sudeshna Sinha  
Professor Vidita Vaidya  
Professor Shally Awasthi  
Professor Manisha Inamdar  
Dr VM Tiwari  
Professor Sujatha Ramdorai  
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### A. Inter-Academy Science Education Panel

Professor Puspendu K Das, (Chair), IISc, Bengaluru  
 Professor Annapurni Subramaniam, (Co-Chair), IIA, Bengaluru  
 Professor Hemalatha Balaram, JNCASR, Bengaluru  
 Professor Jaydeep K Basu, IISc, Bengaluru  
 Professor Joyoti Basu, Bose Institute, Kolkata  
 Professor Sudip Chattopadhyay, NIT, Durgapur  
 Professor Ashutosh Ghosh, Calcutta Univ, Kolkata  
 Professor Srubabati Goswami, PRL, Ahmedabad  
 Professor Rama Kant, DelhiUniv., Delhi  
 Professor Mj Mahan, TIFR, Mumbai  
 Professor Indranil Manna, BIT, Ranchi  
 Professor Chandrabhas Narayana, RGCB, Thiruvananthapuram  
 Professor Tanmaya Pathak, IIT, Kharagpur  
 Professor Rajeev Patnaik, Panjab Univ, Chandigarh  
 Professor Vandana Prasad, BSIP, Lucknow  
 Professor KN Raghavan, IISc, Chennai  
 Professor Nitin Saxena, IIT, Kanpur  
 Professor Arup Bose, ISI, Kolkata  
 Professor EV Sampathkumaran, HBCSE, Mumbai  
 Professor Neelam Sangwan, CUH, Mahendergarh  
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 Professor Suchitra Banerjee, CIMAP, Lucknow  
 Professor Swapan K Ghosh, Univ. of Mumbai, Mumbai  
 Professor Girija Jayaraman, IIT, Delhi  
 Professor Anirban Pathak, JIIT, Noida

### B. Inter-Academy Panel on Women in Science

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 Professor Shobhona Sharma, Steering Committee (Incumbent Chair)  
 Professor Rohini M Godbole, Steering Committee (Member)  
 Professor Renu Swarup (New Delhi)  
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 Professor Madhu Dikshit  
 Professor Subhra Chakraborty (New Delhi)  
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Professor Sushmita Mitra (Kolkata)  
Professor Shilpa Sharma (New Delhi)  
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Professor Alka Sharma, DBT Nominee  
Professor Hema Rajaram, DAE Nominee  
Professor Vibha Malhotra Sawhney, CSIR Nominee  
Professor Nivedita Gupta, ICMR Nominee  
Professor Nigar Shaji, ISRO Nominee  
Professor Archana Pant, Young Woman Scientist, NASI

**C. Inter-Academy Panel on Ethics in Science**

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Dr VM Tiwari  
Professor JP Mittal  
Professor Sunil Mukhi  
Professor ML Munjal  
Professor Sriram R Ramaswamy  
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6. Professor Amar K Chandra, President, Physiological Society of India, University of Calcutta, Kolkata, *Member Ex-officio*
7. Professor Madhu Dikshit, FNA, CSIR-CDRI, Lucknow, *Past Chair, Member Ex-officio*

**XIV. National Committee for International Union of Food Science & Technology (IUFOST)**

1. Dr Rekha Singhal, FNA, ICT Mumbai, *Chairperson*
2. Dr C Anandaramakrishnan, NIIST, Trivandrum, *Member*
3. Dr Ashok Pandey, FNA, CSIR-IITR, Lucknow, *Member*
4. Dr Rakesh Kumar Sharma, SGT University, *Member*
5. Dr Sridevi Annapurna Singh, CFTRI, *Member*
6. Professor G D Yadav, FNA, ICT Mumbai, *Past Chair, Member Ex-officio*

**XV. National Committee for Scientific Committee on Antarctic Research (SCAR)**

1. Dr Rasik Ravindra, NCPOR, Goa, *Chairman*
2. Dr Lilly Ganju, DIPAS, *Member*
3. Dr AA Mohamed Hatha, Cochin University of Science and Technology, *Member*
4. Dr Anoop Mahajan, IITM Pune, *Member*
5. Dr Avinash Kumar, NCPOR Goa, *Member*
6. Dr Vikram Vishal, IIT Bombay, INSA Associate Fellow, *Member*
7. Professor Naresh Chandra Pant, NCPOR, Goa, *Past Chair, Member Ex-officio*

**XVI. National Committee for Scientific Committee on Oceanic Research (SCOR)**

1. Professor M.M. Sarin, FNA, PRL, Ahmedabad, *Chairman*
2. Dr Manguesh Gauns, CSIR-NIO, Goa, *Member*
3. Dr M V Ramana Murthy, MOES, New Delhi, *Member*
4. Dr Tarun Kumar Dalai, IISER Kolkata, *Member*
5. Professor Arun Deo Singh, BHU, *Member*
6. Dr Arvind Singh, PRL, INSA Associate Fellow, *Member*
7. Professor Sunil K Singh, FNA, NIO, Goa, *Past Chair, Member Ex-officio*

**XVII. Joint National Committee for Committee on Space Research (COSPAR), International Union of Radio Science (URSI), and Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)**

1. Dr Amit Kumar Patra, FNA, NARL, Andhra Pradesh, *Chairman*
2. Professor A P Dimri, FNA, IIG, Mumbai, *Member*
3. Professor D Pallamraju, PRL, Ahmedabad, *Member*
4. Dr K Rajeev, SPL, VSSC, Kerala, *Member*
5. Professor Abhirup Datta, IIT Indore, *Member*
6. Dr Amitava Sen Gupta, NPL, New Delhi, *Member*
7. Dr Anil Bhardwaj, FNA, PRL, Ahmedabad, *Past Chair, Member Ex-officio*

**XVIII. Future Earth National Committee**

1. Dr Kalpana Balakrishnan, Sri Ramachandra Institute of Higher Education and Research Porur, Chennai, *Chairman*
2. Dr Vimal Mishra, IIT Gandhinagar, Gujarat, *Member*
3. Dr Vinayak Sinha, IISER Mohali, Punjab, *Member*
4. Dr Swapna Panickal, IITM, Pune, *Member*
5. Dr Abha Chhabra, SAC, ISRO, Ahmedabad, *Member*
6. Professor SK Satheesh, FNA, IISc Bangalore, *Member Ex-officio*
7. Professor M Nair Rajeevan, FNA, IITM, Pune, *Past Chair, Member Ex-officio*

**XIX. National Committee for International Union of Biological Sciences (IUBS)**

1. Dr NG Prasad, FNA, IISER Mohali, *Chairman*
2. Dr Hema Somanathan, IISER Trivandrum, *Member*
3. Dr Qudsia Tahseen, FNA, Aligarh Muslim University, Aligarh, *Member*
4. Professor Anil K Tripathi, FNA, Banaras Hindu University, Varanasi, *Member*
5. Dr Sheeba Vasu, FNA, JNCASR, *Member*
6. Dr M Muthamilarasan, INSA Associate Fellow, University of Hyderabad, *Member*
7. Dr Renee Borges, FNA, IISc Bangalore, *Past Chair, Member Ex-officio*



**XX. National Committee for Committee on Data for Science & Technology (CODATA)**

1. Professor N K Mehra, FNA, Gurugram, *Chairman*
2. Professor E.D Jemmis, FNA, IISc Bangalore, *Member*
3. Dr Neeta Verma, NIC, New Delhi, *Member*
4. Professor Yogesh Wadadekar, National Centre for Radio Astrophysics, Pune, *Member*
5. Dr Debashish Mohanty, FNA, NII, New Delhi, *Member*
6. Professor A K Kembhavi, IUCAA, Pune, *Past Chair, Member Ex-officio*

*Scientists holding position in the Executive Board of International Union/ Committee and President (or his representative) of the National Scientific society corresponding to the INSA National Committee will be ex-officio member of the National Committees.*

## SECTIONAL COMMITTEES – 2024

**SECTIONAL COMMITTEE - I : Mathematical Sciences** (*Applied Mathematics, Pure Mathematics, Theoretical Computer Science, Statistics and Operations Research*)

P Chaudhuri	2024	K Paranjape	2025
R Munshi (Past Convener)	2024	(Present Convener) M Agrawal	2026
P Sankaran	2024	MJ Mahan	2026
A Adimurthi	2025	(Convener Elect for the year 2025)	
DS Nagaraj	2025	S Ramdorai	2026

**SECTIONAL COMMITTEE - II : Physics** (*Astronomy, Astrophysics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Theoretical Physics, Mathematical and Computational Physics, Condensed Matter including Soft, Liquids and Nano Materials, Cosmic Radiation, Cosmology, Space Physics, Basic Planetary Sciences, Lasers and Optoelectronics, Plasma Physics, Solar Physics, Atmospheric Physics*)

A Sharma* (Past Convener)	-	B Mohanty (Present Convener)	2025
M Krishnamurthy	2024	SP Trivedi	2025
K Maiti**	2024	M Rao	2026
MK Verma	2024	T Saha-Dasgupta	2026
A Ghosh	2025	(Convener Elect for the year 2025) K Subramanian	2026

**SECTIONAL COMMITTEE - III : Chemistry** (*Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theoretical and Computational Chemistry, Structural Chemistry, Chemistry of Materials, Medicinal and Pharmaceutical Chemistry, Bio-organic, Bio-inorganic and Bio-physical Chemistry*)

Govindasamy Mugesh* (Past Convener)	-	S Sampath***	2025
JK Bera	2024	CP Rao	2025
HN Ghosh	2024	GUR Kulkarni	2026
Sourav Pal	2024	M Lakshmi Kantam	2026
Amit Basak	2025	(Present Convener) T Pradeep	2026

**SECTIONAL COMMITTEE - IV : Earth & Environmental Sciences** (*Surface and Solid Earth Science, Applied Atmospheric Chemistry and Physics, Climate Sciences, Meteorology, Geo Engineering, Ocean Sciences, Geo Sciences and Applied Planetary Sciences*)

AK Singhvi* (Past Convener)	-	Shyam Lal	2025
Mudlappa Jayananda	2024	DC Srivastava	2025
NV Chalapathi Rao	2024	G Parthasarathy	2026
VP Rao	2024	Kalachand Sain	2026
Somnath Dasgupta	2025	(Present Convener) SN Tripathi	2026
		(Convener Elect for the year 2025)	

\*Special Invitee only to maintain continuity and provide the inputs about the discussions held during the Sectional Committee Meetings in the year 2023

\*\* In place of Professor Sriram R Ramaswamy for the years 2023 and 2024 only

\*\*\* In place of Professor Uday Maitra for the year 2024 only and Professor Uday Maitra will be the Convener Elect for the year 2025

**SECTIONAL COMMITTEE - V: Engineering & Technology** (*Electrical Engineering, Telecommunication Engineering, Electronics and Optoelectronics, Chemical Engineering, Civil Engineering, Environmental Engineering, Mechanical Engineering, Aeronautical Engineering, Metallurgical Engineering, Computer Science and Engineering including Software and Data science, Information Science and Technology, Advanced Materials (such as Bio-materials, Hybrid Materials and Nano Materials), Polymer Science & Engineering*)

NB Mehta	2024	R Govindarajan*	2025
S Mitra (Past Convener)	2024	S Kapuria (Present Convener)	2025
AB Pandit	2024	S Chakraborty	2026
S Bhatnagar	2025	(Convener Elect for the year 2025)	
		BS Murty	2026
		Bhim Singh	2026

**SECTIONAL COMMITTEE - VI : General Biology** (*Taxonomy, Structure, Ecology, Environmental Biology, Evolution and Behaviour of Plants, Animals and Microbes including Unicellular Eukaryotes*)

G Marimuthu	2024	Anil Kumar Tripathi	2025
HA Ranganath	2024	(Past Convener)	
Syamal Roy	2024	Anuranjan Anand	2026
Eklabya Sharma**	2025	Paramjit Khurana	2026
Nirupama Mallick (Present Convener)	2025	(Convener Elect for the year 2025)	
		Yogesh Shouche	2026

**SECTIONAL COMMITTEE - VII : Molecular and Cellular Biology** (*Cell Biology, Physiology, Development, Genetics, Genomics and other Omics of Plants, Animals and Microbes including Unicellular Eukaryotes*)

Samir Bhattacharya	2024	Sagar Sengupta	2025
Rentala Madhubala	2024	(Present Convener)	
AS Raghavendra (Past Convener)	2024	Uday Bandyopadhyay (Convener Elect for the year 2025)	2026
PK Chakraborti	2025	Soumen Basak	2026
Debasis Chattopadhyay	2025	Ullas Kolthur-Seetharam	2026

**SECTIONAL COMMITTEE - VIII : Biomolecular, Structural Biology and Drug Discovery** (*Biochemistry, Biophysics, Molecular Biology, Pharmacology, Structural Biology, Bioinformatics, Computational Biology, System Biology*)

H Balaram (Past Convener)	2024	US Bhalla	2025
Samudrala Gourinath***	2024	Vinay Kumar Nandicoori	2025
R Varadarajan	2024	Rajan Sankaranarayanan (Present Convener)	2025
		Souvik Maiti	2026
		(Convener Elect for the year 2025)	
		GN Sastry	2026

\*In place of Professor Sanjay Mittal for the years 2024 and 2025 only

\*\*In place of Professor Madhoolika Agrawal for the years 2024 only

\*\*\* In place of Late Dr KVR Chary for the years 2023 and 2024 only

**SECTIONAL COMMITTEE - IX : Health Sciences** (*Basic and Clinical Medical Sciences—Communicable and Non-communicable Diseases, Epidemiology, Anthropology, Psychology, Cognitive and Neurosciences, Medical Genetics and Genomics, Public Health, Nutrition, Immunology*)

Shinjini Bhatnagar ( <i>Past Convener</i> )	2024	Nita Bhandari	2025
Paturu Kondaiah	2024	T Ramamurthy	2025
TK Kundu	2024	Vidya Avinash Arankalle	2026
Rakesh Aggarwal ( <i>Present Convener</i> )	2025	Shally Awasthi	2026
		MV Padma Srivastava	2026
		( <i>Convener Elect for the year 2025</i> )	

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**SECTIONAL COMMITTEE - X : Agricultural Sciences** (*Agriculture, Horticulture, Forestry, Fisheries, Food Science, Veterinary Science, Pathogen Biology and Host Pathogen Interaction Both Plant and Veterinary Importance*)

RV Sonti* ( <i>Past Convener</i> )	-	Lal Chand Rai	2025
Premananda Das	2024	B Senthilkumaran	2025
Himanshu Pathak	2024	( <i>Present Convener</i> )	
Narpinder Singh	2024	MS Chauhan	2026
Sanjay Kumar**	2025	PK Singh	2026
		Sneh Lata Singla-Pareek	2026
		( <i>Convener Elect for the year 2025</i> )	

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\*Special Invitee only to maintain continuity and provide the inputs about the discussions held during the Sectional Committee Meetings in the year 2023

\*\*In place of Professor AK Pradhan for the year 2024 only

## **INSA DISTINGUISHED LECTURE SERIES**

The Academy has instituted ten INSA Distinguished Lecture Series, one in each of the following subject areas:

1. Mathematical Sciences
2. Physics
3. Chemistry
4. Earth & Environmental Sciences
5. Engineering & Technology
6. General Biology
7. Molecular and Cellular Biology
8. Biomolecular, Structural Biology and Drug Discovery
9. Health Sciences
10. Agricultural Sciences

Sub areas of these subjects will be as per the INSA Sectional Committees.

The recipients will be called as **INSA Distinguished Lecture Fellows**.

### **Periodicity**

Annually

### **Eligibility**

The Lecture Fellowships shall be made in recognition of notable contributions to specified subject areas in science and technology.

Self-nomination is not allowed.

### **Nominations and Last Date**

A notification inviting nominations from the entire fellowship of INSA for the lecture fellows will be issued in 1st week of June (for the year 2023 only).

The nomination shall be made in the prescribed format in soft copy only and sent to fellowship@insa.nic.in.

All the nominations shall be valid only for one year.

The last date for receiving nominations will be 30th June (for the year 2023 only).

#### **Search-cum-Selection Committee**

The regular INSA Sectional Committees will work as Search-cum-Selection Committee for these Lecture Fellows. All the valid nominations, based on the subject area of the work, will be considered by the respective sectional committees of the Academy. Sectional Committee shall send its recommendations to the Council in writing, duly signed by all members present. The recommendations shall contain, strictly in order of priority, not more than two names for each of the Lecture Fellows. The main criteria for selection will be the originality of the candidate's research contributions and his/her understanding as evidenced by publications.

#### **Selection by the Council**

The Council will select Lecture Fellows at the meeting to be held in September (for the year 2023 only). Where joint Lecture Fellows are announced, each of the Lecture Fellows will receive the full honorarium.

#### **Announcement**

The name(s) of the recipient(s) shall be announced to the Fellowship during the Annual General Meeting (for the year 2023 only).

#### **Presentation of Lecture Fellowship**

The Lecture Fellowship will be made after the recipient delivers the lecture at the Anniversary General Meeting of the Academy. The summary of the Lecture Fellowship will be included in INSA News and the full text in Proceedings of the Academy.

TA/DA will be paid to the recipient for delivering the lecture.

#### **Value**

Each INSA Distinguished Lecture Fellow will be presented with a citation and honorarium of Rs. 25,000/-.

## Recipients of INSA Distinguished Lecture Series 2023

### *Sectional Committee - I : Mathematical Sciences*

**Dr Manjunath Krishnapur**, Associate Professor, Department of Mathematics, Indian Institute of Science, Bengaluru.

Dr Manjunath Krishnapur is one of the leading probabilists in the country, who has been recognized world wide for his work on random analytic functions, arithmetic random waves, stochastic operators and other related areas. Manjunath Krishnapur's research contributions are deep and elegant, and those are published in topmost international journals in the field. He is also a good speaker capable of conveying technical ideas to a broad audience. His lectures will be of interest to a wide audience.

### *Sectional Committee - II : Physics*

**Professor Aswini Ghosh, FNA**, JC Bose National Fellow, School of Physical Sciences, Indian Association for the Cultivation of Science, Kolkata.

Professor Aswini Ghosh (FNA, FASc) has made outstanding contributions on the understanding of ion dynamics and relaxation dynamics, and their correlation with the structure in super-ionic glasses, glass-nanocomposites, oxide ion conductors and polymer electrolytes. Professor Ghosh is a world leader in the field of charge carrier dynamics and relaxation mechanisms in energy storage materials. He made significant contributions in the understanding of ion dynamics in microscopic level via studying the conductivity and dielectric spectra of several glass systems in the framework of linear response theory and derived microscopic parameters. He developed a new scaling model for the microscopic length for ion dynamics in these materials. His scaling model has been widely accepted and referred to as Ghosh scaling model in the literature by the scientists working in this and related areas.

### *Sectional Committee - III : Chemistry*

**Professor Asit Kumar Chakraborti, FNA**, Mahananda Apartment, Block A, Flat No. 4, 5A Green Row, Kolkata.

The committee recommends Professor Asit Kumar Chakraborti, FNA for his outstanding contributions to synthetic organic and medicinal chemistry and developing new concepts in drug discovery process. He has made original contributions to the understanding of the role of water in accelerating organic reactions as potential green chemistry approaches and applications of ionic liquids in chemical reactions. His work on C-H/Br/O activation by heterobimetallic nanoparticles led to the development of novel

and selective COX-2 inhibitors.

#### *Sectional Committee - IV : Earth & Environmental Sciences*

**Professor Anil Bhardwaj, FNA**, Director, Physical Research Laboratory, Ahmedabad.

Professor Anil Bhardwaj is well-known for his contributions in Planetary Science. He was the Principal Investigator (PI) of SARA experiment on Chandrayaan-1, and MENCA experiment on the Indian Mars Mission, which have yielded significant new findings. He is the PI of currently running XSM and CHASE-2 experiments on Chandrayaan-2 orbiter, and CHASTE and APSX experiments on Chandrayaan-3 lunar Lander and Rover, respectively. His team PI-led experiment ASPeX would be flying on the upcoming solar mission Aditya-L1. He has provided exceptional scientific leadership for plans of future Indian planetary missions. During his tenure as the Director of SPL-VSSC, he nurtured the planetary research group. As Director of PRL, he has introduced other contemporary research areas, and innovative public outreach programs. For all his outstanding contributions to Science, he has been awarded with the Fellowship of the three Science Academies of India, the J. C. Bose fellowship, SS Bhatnagar, and Infosys prizes.

#### *Sectional Committee - V : Engineering & Technology*

**Professor GD Yadav, FNA**, Emeritus Professor of Eminence, Institute of Chemical Technology, Mumbai.

Professor GD Yadav, Emeritus Professor of Eminence, is a distinguished chemical engineer of national and international repute. Over the decades, he has made critical contributions in several areas of national interest such as, Green Chemistry and Technology, Catalytic Science and Engineering, Biotechnology, and in the 'Net Zero Goal' - encompassing - Hydrogen economy, Carbon dioxide refineries, Biomass and Plastics Valorization into Fuels, Chemicals and Materials.

#### *Sectional Committee - VI : General Biology*

**Professor PP Majumder, FNA**, Distinguished Professor and Founder, National Institute of Biomedical Genomics, Kalyani.

Professor Partha Majumder has made outstanding contributions to human genetics and evolution using statistics, molecular genetics and anthropological methods. He devised innovative paradigms and statistical methods for solving biological problems related to modes of inheritance of complex human traits and mapping genes underlying such traits. His work on genetic diversity of ethnic Indian populations has resulted in a clear reconstruction of the processes of peopling of the Indian subcontinent, which had major impact on the design of studies for mapping disease genes.

#### *Sectional Committee - VII : Molecular and Cellular Biology*

**Professor Appa Rao Podile, FNA**, Senior Professor, Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad.



For his pioneering work on the use of pathogen-derived molecules like harpin and chitoolligosaccharides (COS) to induce plant immunity and to reduce the use of synthetic agrochemicals in agriculture. He worked extensively on chitinolytic plant growth promoting rhizobacteria (PGPR) targeting cell wall of fungal pathogens, besides promoting the growth and yield as PGPR.

*Sectional Committee - VIII : Biomolecular, Structural Biology and Drug Discovery*

**Professor Amitabha Chattopadhyay, FNA**, CSIR Bhatnagar Fellow, CSIR-Centre for Cellular & Molecular Biology, Hyderabad.

Professor Chattopadhyay's work is focused on understanding organization, dynamics, function, and lipid-protein interactions in biological membranes in healthy and diseased conditions using a judicious combination of biophysical, biochemical, cell biological and computational approaches. His work has helped unravel the molecular mechanism underlying membrane cholesterol sensitivity of G protein-coupled receptors (GPCRs) and its implications in health and disease.

*Sectional Committee - IX : Health Sciences*

**Professor Subrata Sinha, FNA**, Professor and Head, Department of Biochemistry, All India Institute of Medical Sciences, New Delhi.

Professor (Dr) Subrat Sinha in his distinguished career has made significant contributions in precision medicine with his efforts directed towards identifying novel genetic alterations allowing for not only differentiating between apparently similar pathologies but also how these alterations affect tumor behaviour. His work has primarily focused on neuropathology, familial dyslexia, and recombinant human antibodies. He and his team have also contributed in identifying novel drug combinations to rescind hypoxia induced chemoresistance. His work has led to 4 patents being granted (4 India and 3 USA) in areas of transcriptional gene silencing and recombinant antibodies and novel tumour specific gene therapy.

*Sectional Committee - X : Agricultural Sciences*

**Professor TK Adhya, FNA**, School of Biotechnology, Kalinga Institute of Industrial Technology (Deemed University), Bhubaneswar.

Professor Adhya's research has been on paddy. He has done outstanding work on sustainable management of tropical soils through use of ecofriendly technologies for maintaining higher levels of productivity with minimal environmental impacts. His current research focus is on valorization of plant biomass and food waste and the circular bioeconomy for carbon and nitrogen.

## INSA ASSOCIATE FELLOWS

### Introduction

To recognize the potential of young scientists in the country, and to motivate and cultivate their excellence INSA Associate Fellowship has been initiated in 2023.

### Eligibility

The Associate Fellowship to a young scientist working in India shall be made in recognition of notable contributions to any branch of science or technology, recognized by the Academy. INSA Associate Fellows will be selected on the basis of the work done in India and any significant work done by nominees outside India. In multi-authored papers, the committee is expected to evaluate the specific contribution of the nominee by considering factors such as their role as the first author, corresponding author, or co-corresponding author. When such markers are not available in large-scale experimental projects, the Sectional committees can seek inputs from the nominator, or senior PI in these projects.

By assessing the extent of their contribution, the committee can accurately evaluate the nominee's individual contribution to the collaborative work.

Any citizen of India, who has not attained the age of 40 years on December 31 of the year preceding the year of Associate Fellowship, shall be eligible for the Associate Fellowship. OCI/PIO card holders working in India for at least 5 years will also be eligible.

### Number of Associate Fellowships

The number of Associate Fellowships to be made in any year will be limited up to 40.

### Nominations and Last Date

A notification inviting nominations for the Associate Fellowship shall be issued in 1st week of June 2023.

Candidates may be nominated by (i) Fellows of the Indian National Science Academy, (ii) Vice-chancellor of the Universities, (iii) Head of the Institutes, (iv) candidate's Departmental Head.

The nomination shall be made in the prescribed format. The soft copy of the nomination along with all supporting documents, must reach the Academy before June end (for the year 2023 only).

Members of the Sectional Committee (in which the nominee is being considered) and Council members may not propose a nominee during their tenure in accordance with the conflict of interest policy of the Academy. However, the Members may propose after their tenure ends.

**Selection Committee**

All the valid nominations, based on the subject area of the work, will be considered by the respective sectional committees of the academy.

Not later than 1st week of August (for the year 2023 only), the Academy shall arrange to circulate the list of nominees along with their particulars to the members of the respective Sectional Committees with a request to communicate their assessment of the candidate to the Conveners of the respective Sectional Committee prior to the Sectional committee meeting.

**Grading**

The shortlisted candidates shall be evaluated on a percentile basis.

**Recommendations of the Sectional Committees**

The Sectional Committee will forward the duly signed recommendations by all the members to Council on the basis of the following formula in order of merit, while a brief of all the nominations is expected to be shared by the Sectional Committee convener (such as a total number of nominations, details of shortlisted nominees like the number of citations/h-index, etc.).

The number of fellowships in each Sectional Committee will be according to the following formula:

$$\frac{\text{The number of nominations received by a particular committee}}{\text{Total number of nominations received}} \times 40$$

The recommendations shall be strictly in order of merit.

The recommendations of the Sectional Committee shall be handed over, after the meeting, in a sealed envelope addressed to the Vice-President (Fellowship Affairs) of the Academy.

**Selection by the Council**

The Council will select candidates for INSA Associate Fellowship at the meeting in the month of September (for the year 2023 only) based on the reports received from the Conveners of the Sectional Committees.

**Announcement of the INSA Associate Fellowship**

The names of the INSA Associate Fellowship selected by the Council shall be announced at the Annual General Meeting in the month of September (for the year 2023 only) and subsequently communicated to the Associate Fellows.

**Presentation of the INSA Associate Fellowship**

A one-time travel grant for attending international conferences (within two years, w.e.f. 1st January of the ensuing year) may be provided to the selected INSA Associate Fellows along with a certificate (during Anniversary General Meeting). In addition, a fellowship of Rs. 10,000/- per month for one year will be released (w.e.f. 1st January of the ensuing year) to the Institute, and Institute will pay the fellowship amount to INSA Associate Fellows subject to TDS.

INSA Associate Fellows will present their work during the Anniversary General Meeting (10 minutes per Associate Fellow).

For receiving the certificate, the Associate Fellows will be paid travel expenses to cover the actual Airfare and local conveyance as applicable. Reimbursement will be made on the presenting of the supporting documents as per Govt. of India rules.

The Academy would bring out a brochure containing contributions of the INSA Associate Fellows at the time of the presentation of the Associate Fellowship.

## RECIPIENTS OF INSA ASSOCIATE FELLOWS 2023

**1. Dr Sandeep Anand** (19.02.1985), PhD, Associate Professor, Department of Electrical Engineering, IIT Bombay, Mumbai.

For developing power electronics technologies for electric vehicles, wide bandgap Gallium-Nitride and Silicon-Carbide-based power converters, solar inverter topologies for interfacing alternate energy sources, and modeling and improving the reliability of power electronic circuits.

**2. Dr Subhash Babu** (01.04.1984), PhD, Senior Scientist, Division of Agronomy, ICAR- Indian Agricultural Research Institute, Pusa Campus, New Delhi.

Dr SubhashBabu has done pioneering research in the field of sustainable food production and natural resource management in the fragile Himalayan ecosystems. His work proved that the introduction of French bean in the maize fallow system significantly increased land productivity and reduced greenhouse gas intensity (GHGI) as compared to maize monoculture. He further established that the integration of crop+livestock+poultry led to substantial reduction in GHGI and significant increase in food production.

**3. Dr Nishant Chandgotia** (22.12.1987), PhD, Reader, TIFR-CAM, Sharadanagar, Bengaluru.

Dr Chandgotia is being nominated for his several contributions in the areas of Ergodic Theory and Dynamical Systems. In recent years, he has obtained results on a variety of problems related to embeddings, homomorphisms, and mixing properties of graphs. His works have consistently been of high quality and have appeared in well-regarded fora. A recent work on large deviations principle for dimer tilings in three dimensions constitutes a breakthrough on an important problem that has attracted much attention from both the mathematics and the statistical physics community; this work required the development of new tools to go beyond dimension two.

**4. Dr Dhanya Chandrika Thulaseedharan** (31.05.1983), PhD, Professor and Associate Dean Academics (PG Research), Department of Civil Engineering, IITDelhi, New Delhi.

Dr Dhanya's research has contributed towards enhancing fundamental scientific understanding of the hydrological extremes alongside making improvements in hydrological models by incorporating the role and extent of heterogeneity in regional hydrological modeling. She has investigated the intricacies and feedback mechanisms involved in regional hydrologic systems and has developed early warning mechanisms for hydrological extremes through novel theoretical and statistical models, for hazard management and sustainable water resources planning and management.

**5. Dr Kaustav Chatterjee** (10.04.1988), PhD, Assistant Professor, Department of Civil Engineering, Indian Institute of Technology, Roorkee.

For notable contributions to the analytical prediction of the deformation behavior of different foundation systems under seismic motion, which are important for the earthquake-resistant design of geotechnical structures.

**6. Dr Anindita Das** (26.12.1985), PhD, Assistant Professor, School of Applied and Interdisciplinary Sciences, Indian Association for the Cultivation of Science (IACS), Kolkata.

Made key contributions to crystallization-driven polymer- assembly for the synthesis of interesting luminescent 2D architectures. Developed general strategies for the construction of stimuli-responsive supramolecular polymers and functional aliphatic polyesters.

**7. Dr Ramendra Sundar Dey** (14.03.1983), PhD, Scientist- D, Institute of Nano Science and Technology (INST), Mohali.

Synthesis of advanced functional nanomaterials scaffold and their applications to energy storage and conversion, biosensing and electrochemical sensing. He synthesized single atom catalysts, framework materials, electrochemically deposited nanostructured materials and 2D materials for a variety of applications such as electrocatalysis, generation of green ammonia/green urea from waste source, water splitting and metal air battery.

**8. Dr Achintya Kumar Dutta** (20.03.1987), PhD, Associate Professor, Department of Chemistry, Indian Institute of Technology Bombay, Mumbai.

Made significant contributions to theoretical chemistry, particularly the development of new methods to study small molecules and materials. The methods developed by the nominee allow the simulation of energy, properties, and spectra of large molecules using relativistic quantum chemistry methods. He also indigenously developed a new quantum chemical software package (Bagh) which can perform highly accurate wave-function based calculations using Schrödinger and DIRAC equations.

**9. Dr Ved Prakash Dwivedi** (15.07.1984), PhD, Group Leader, Immunobiology Group, International Centre for Genetic Engineering and Biotechnology, New Delhi.

Dr Dwivedi has demonstrated focussed and productive research experience on Tuberculosis dedicated to immunopathology (focused on cellular immune response and the associated interleukin and cytokine pathways), epigenomics, novel drug development (Th cell inhibitors and phytocompound-Bergenin), therapeutics (host inhibition of Sirtuin 2- a class III histone deacetylase enzyme), and vaccine design (identification of novel miRNA which identifies a unique host evasion response, identification of novel BCG vaccine adjuvants). His research attempts to curtail and eventually eliminate the high disease burden of Tuberculosis in this country. He has authored extensively on the subject along with the demonstration of exemplary leadership skills as highlighted by the setting up of his own training unit of Immunobiology at ICGEB and from the several national and international awards and research grants.

**10. Dr Diptimoy Ghosh** (01.05.1984), PhD, Assistant Professor, Department of Physics, Indian Institute of Science Education and Research, Pune.

Dr Diptimoy Ghosh is an outstanding younger researcher who has carried out pioneering work on flavor physics and collider physics. He has also contributed significantly to the fields of astro-particle physics and cosmology, specifically related axion-like particles and inflationary correlation functions.

**11. Dr Aditya Gopalan** (19.06.1983), PhD, Associate Professor, Department of Electrical Communication Engineering, Indian Institute of Science, Bengaluru.

For outstanding contributions to the general area of sequential decision-making, involving development of online and reinforcement learning as well as sequential inferencing algorithms. He has pioneered the development of state-of-the-art black box optimization algorithms for tuning hyperparameters in large and complex systems.

**12. Dr Mayanak Kumar Gupta** (10.01.1985), PhD, Assistant Professor, Solid State Physics Division, Bhabha Atomic Research Centre, Mumbai.

Dr Mayanak Kumar Gupta has made outstanding contributions to the structure and dynamics of materials by integrating neutrons scattering experiments with quantum mechanical simulations and machine-learning methods. He extensively studied the thermodynamic and transport properties of solid-electrolytes and thermoelectric materials at the microscopic level to identify the critical descriptors for material design for energy applications.

**13. Dr Shubhasis Haldar** (18.06.1984), PhD, Associate Professor, S. N. Bose National Centre for Basic Sciences, Salt Lake City, Kolkata.

The focus of Dr Haldar's lab is to understand chaperone biology using single molecule tools. Using covalent magnetic tweezers Dr Haldar's group has examined how chaperones mechanically influence the cellular energetics and respond to mechanical force.

**14. Dr Ankit Jain** (21.09.1989), PhD, Associate Professor, Mechanical Engineering Department, IIT Bombay, Mumbai.

For proposing the theory for explaining thermal transport in low and high thermal conductivity solids. Major contribution is in the form of development of a computational tool capable of accounting for the higher-order thermal transport physics to predict the thermal transport properties of technologically relevant low and high conductivity solids. This tool has been made available to all researchers. He has also significantly contributed to the understanding of thermal transport in graphene and strongly anharmonic semiconductors.

**15. Dr Bhaskar Kanseri** (02.01.1984), PhD, Associate Professor, Department of Physics, Indian Institute of Technology Delhi, New Delhi.

Dr. Kanseri has made outstanding contributions in photonic quantum communication and statistical optics. Through his research, he recently made the first indigenous demonstration of intercity quantum

secure communication using more than 100km underground telecom grade optical fiber. This has placed India in the elite group of nations having quantum communication capabilities. Over the years, he developed several experimental methods using partial coherence and polarization, provided applications in imaging, and infrees pace quantum communication.

**16. Dr Shyamprasad Karagadde** (24.01.1985), PhD, Associate Professor, Department of Mechanical Engineering, IIT Bombay, Mumbai.

For notable contributions to the understanding and prediction of micro- and mesoscale defect formations in materials through novel physics and data-driven computational frameworks as well as experimental techniques. His reduced-order models make it possible the solution of various material process phenomena at engineering scales, which are otherwise computationally prohibitive.

**17. Dr Mudrika Khandelwal** (26.03.1987), PhD, Associate Professor, Department of Materials Science and Metallurgical Engineering, IIT Hyderabad, Sangareddy.

For her outstanding contribution in the area of sustainable products development for female hygiene and food packaging, based on the antimicrobial properties of essential oils for hygiene, and cellulose based composites for Food packaging. The sustained drug delivery using encapsulated materials is also noteworthy.

**18. Dr Subrata Kundu** (28.09.1986), PhD, Associate Professor, School of Chemistry, IISER Thiruvananthapuram, Thiruvananthapuram.

Made outstanding contributions to the chemistry of small gaseous molecules such as NO and H<sub>2</sub>S In biological systems. He described the molecular mechanisms of their biological processes through suitable model systems. He showed a new possible H<sub>2</sub>S generating route from CS<sub>2</sub>/COS metabolism mediated by dinuclear hydrolase enzymes.

**19. Dr Rahul Mangal** (02.10.1985), PhD, Associate Professor, Department of Chemical Engineering, IIT Kanpur, Kanpur.

For his outstanding contribution in the area of soft Matter and their applications, such as bio inspired adhesives and Janus Colloids with Unique properties.

**20. Dr Mayukh Mukherjee** (22.08.1985), PhD, Associate Professor, Department of Mathematics, IIT Bombay, Mumbai.

Mayukh Mukherjee has made significant contributions in the area of spectral and geometric analysis on manifolds. His work involves techniques from geometry topology and PDE. A major theme of his research concerns spectra eigen functions of the Laplacians in various contexts, such as Euclidean polyhedra, compact and non-compact Riemannian manifolds, homogeneous Hadamard manifolds, etc. His major contributions involve mass concentration properties of eigen functions, nodal sets, and complete description of the spectrum of homogeneous Hadamard and asymptotically harmonic manifolds.



**21. Dr M Muthamilarasan** (02.12.1986), PhD, Assistant Professor, Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad.

Dr Muthamilarasan has contributed extensively to studies on millet genomics with a major focus on foxtail millet. For this crop, he has developed genomic resources such as microsatellite markers, single nucleotide polymorphism (SNP) markers, etc as well as open access databases for use of these markers by the wider scientific community. Furthermore, he has conducted functional genomics analyses to delineate the role of various stress responsive gene families in adaptation of foxtail millet to abiotic stress.

**22. Dr Pavan Kumar N** (31.08.1984), PhD, Scientist C, ICMR-National Institute for Research in Tuberculosis, Chennai.

Dr Kumar possess over 15 years of research experience primarily in the domain on immunology of tuberculosis such as establishing a major role for cytokines, chemokines, MMPs, eicosanoids, and angiogenic factors in tuberculosis progression and stratification of tuberculosis disease sites based on these factors. He has contributed in the literature extensively (with over 100 peer reviewed publications) on HIV associated inflammation during pregnancy, intestinal dysbiosis and its association on birth outcomes, kinetics and durability of humoral and T cell immunity in Covaxin recipients, immunological profiles of children with multisystem inflammatory syndrome. He has provided a rational basis for testing combined antimicrobial and anti-inflammatory therapies in diabetic patients with TB. He has several international travel and national research awards.

**23. Dr Ashutosh Pandey** (25.12.1983), PhD, Scientist, National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi.

Dr. Pandey has made important contributions on understanding the molecular mechanism of the regulation of flavonoid biosynthesis in plants. The transgenic and genome edited plant lines developed by him are providing insights into transcriptional regulation of the biosynthesis of two classes of compounds, flavonoids and carotenoids, that are produced by plants and are important for human health.

**24. Dr Sajeev Philip** (02.10.1984), PhD, Assistant Professor, Centre for Atmospheric Sciences, IIT Delhi, New Delhi.

Dr Sajeev Philip has done extensive work towards understanding the chemical and physical processes involved in the variability and composition of the lower atmosphere related to air quality and climate. He has used insitu observations and satellite data as well as global chemical transport models for these studies. He has made significant contributions in estimating global biospheric CO<sub>2</sub> fluxes, which is relevant for climate studies.

**25. Dr Rakesh Kumar Pilonia** (24.11.1986), DM, Assistant Professor, Department of Pediatrics, Advanced Pediatrics Centre, Postgraduate, Institute of Medical Education and Research Centre, Chandigarh.

Dr Pilia has received super-specialty training in pediatric immunology and rheumatology. He has worked and published extensively on Kawasaki disease (where has developed novel CT algorithms and investigated genetic pathways and immunomodulatory mechanisms), pediatric lupus and inborn errors of immunity. He was also part of the Covid-19 vaccination in autoimmune disease (COVAD) study group which aimed to provide evidence-based guidelines for Covid-19 vaccination for patients with autoimmune disorders. DrPilia has been the awardee of several national and international research fellowship and travel awards. He has guided several MD and DM student's research and has been the principal and co-investigator in many national and internationally funded research projects.

**26. Dr Amit Kumar Rai** (20.07.1984), PhD, Scientist-D, National Agri-Food Biotechnology Institute, SAS Nagar, Mohali.

Dr Rai has contributed extensively to the characterization and further development of fermented foods of the North East that are rich in bioactive peptides and is of flavones. He has isolated a number of bacterial and yeast strains that are associated with fermented foods and identified those that have potential for development of functional foods. He has isolated microbes from unique ecological niches in the Himalayas and characterized enzymes with important characteristics that can be utilized in bioprocessing.

**27. Dr Sayan Ranu** (31.12.1984), PhD, Associate Professor, Department of Computer Science & Engineering, IIT Delhi, New Delhi.

For outstanding contributions to the general area of graph analytics, and specifically to graph approximation algorithms as well as problems of route optimization and graph generative modelling. He has been successful in devising algorithms that explain the predictions of Graph Neural Networks better.

**28. Dr Kasturi Saha** (19.09.1984), PhD, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology Bombay, Mumbai.

Kasturi Saha has made outstanding contributions to the emerging area of quantum technologies using Nitrogen-vacancy (NV) centres in diamond. She developed a quantum diamond microscope (QDM) demonstrating realtime-varying magnetic fields with micro-meter spatial resolution for the first time, and an image reconstruction algorithm for NV centre-based magnetic resonance imaging. These techniques lay the foundations for exciting future experiments in quantum sensing.

**29. Dr Haripada Sau** (27.04.1989), PhD, Assistant Professor, Department of Mathematics, IISER, Pune.

Dr Haripada Sau has made very significant contributions to the area of interplay between complex geometry and multi-variable operator theory. In particular his work characterizes an algebraic sub-variety of the bi-disk in terms of a tuple of operators and their joint spectrum, and also gives, for the first time, the construction of a class of Toeplitz operators on the symmetrized bi-disk.

**30. Dr Mahak Sharma** (23.04.1983), PhD, Associate Professor & Wellcome Trust-India Alliance Senior Fellow, Department of Biological Sciences, IISER Mohali, Mohali, Punjab.

For her significant contributions to the understanding of the mechanisms by which cellular cargo is delivered to lysosomes for degradation. Mahak's research group has characterized the role of a small GTP-binding protein Arl8b, in regulating the function of a multi-subunit protein complex known as the HOPS (HO motypic fusion and Protein Sorting) complex. As a member of the Indian National Young Academy of Science (INYAS), she used her research and teaching skills to work towards building a generation of Indians, practicing sciences a way of life.

**31. Dr Tarun Kumar Sharma** (08.09.1985), PhD, Associate Professor, Department of Medical Biotechnology, Gujarat Biotechnology University, Gandhinagar.

Dr Sharma has a long experience in the field of diagnostics, aptamer technology and biosensing. He has developed aptamers that can accurately detect the pulmonary and extra pulmonary tuberculosis and aptamer-based inhibitors to block Mycobacterium tuberculosis entry in host cells. His work revealed the usefulness of an aptamer and paper-based microfluidic assay for the point-of-care detection of bites caused by poisonous and non-poisonous snakes. Most of his works were conducted in India. His leadership ability is marked with several public health-related projects supported by the national and international funding agencies.

**32. Dr Amarjeet Singh** (24.11.1984), PhD, Scientist IV, National Institute of Plant Genome Research (NIPGR), Aruna Asaf AliMarg, New Delhi.

He pioneered the work involving global expression analyses of genes related to abiotic stress, hormone signaling and development in crop plants. His pathway analysis of differentially expressed genes provided a crucial insight into the mechanism of K<sup>+</sup> deficiency tolerance in chickpea.

**33. Dr Aparna Singh** (04.11.1984), PhD, Associate Professor, Metallurgical Engineering and Materials Science, IIT Bombay, Mumbai.

For developing copper interconnects layers that are just above the transistors for 14 nm technology. Made seminal contributions in development of tough and strong nanostructured steels and graphene epoxy fibre composites. Significantly successful in developing understanding and inhouse fabrication of materials with composition-processing-microstructure-properties relationship for diverse and important applications, like in manufacturing of rails.

**34. Dr Arvind Singh** (30.06.1983), PhD, Associate Professor, Geosciences Division, Physical Research Laboratory, Ahmedabad.

Dr Arvind Singh contributed significantly towards understanding the biogeochemical cycling in oceans. He has made quantitative estimates of carbon and nitrogen fluxes and the global carbon budget in the oceans. He demonstrated the influence of climate on the ocean biogeochemistry and enhancement of biological pump by eddies.

**35. Dr Prabhat Kumar Singh** (15.07.1983), PhD, Scientific Officer (G), Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Mumbai.

Made outstanding contributions to the field of ultrafast chemical reaction dynamics, biophysical chemistry, and spectroscopy of self-assembled materials for sensing applications. His research is not only extensive but also exhibits a high degree of originality and innovation. His work on ultrafast time-resolved fluorescence study offers the first detailed account of the fluorescence sensing activity mechanism of the widely used amyloid fibril sensor, Thioflavin-T (ThT). His recent work on the aggregation of molecular rotor probes may help in devising sensing devices for a variety of clinically important analytes.

**36. Dr Arjun Srivathsa** (27.09.1988), PhD, DST INSPIRE Fellow, National Centre for Biological Science, TIFR, Bengaluru.

Dr Srivathsa made outstanding contribution in the field of carnivore ecology and conservation biology with a focus on endangered Asiatic wild dogs. He developed strategies to safeguard their population in the Western Ghats, and has substantially contributed to the understanding of inter-species interactions and human-carnivore relationships in shared landscapes.

**37. Dr M Tanveer** (18.04.1983), PhD, Associate Professor, OPTimization for MACHine Learning (OPTIMAL) Research Lab, Indian Institute of Technology Indore, Indore.

For significant contributions in developing novel shallow and deep learning algorithms for the classification, regression, and clustering problems, along with their implementation for the diagnosis of Alzheimer's disease, Brain Age Estimation, Schizophrenia, Epilepsy etc. The algorithms will be helpful for doctors to take early decisions in the diagnosis of the above-mentioned diseases and could be helpful to healthcare industries. Most of the developed software/codes are publicly available.

**38. Dr Shashank Tripathi** (10.04.1983), PhD, Assistant Professor, Emerging Viral Pathogens Lab, Centre for Infectious Disease Research, Indian Institute of Science, Bengaluru.

Dr Tripathi's group studies virus-host interactions of human RNA viruses including Influenza, SARS-CoV-2, and Flaviviruses. His group identified prognostic markers and FDA-approved antivirals against COVID-19. Recently, his group has discovered the broad-spectrum antiviral activity of Picolinic Acid, against Influenza and SARS-CoV-2. His lab has also developed a novel Influenza reporter virus that allows live imaging of structural protein formation and trafficking in infected cells.

**39. Dr Santosh Kumar Upadhyay** (05.02.1984), PhD, Assistant Professor (Stage II), Department of Botany, Panjab University, Chandigarh.

Dr Upadhyay has been involved in the purification and characterization of an interesting insecticidal protein from ferns and cloning of the encoding gene. This information has been used for the development of whitefly-resistant transgenic cotton. He has reported siRNA machinery in whitefly and demonstrated RNAi-mediated control of whiteflies using numerous gene targets. He has identified and characterized various defense and development-related genes in bread wheat. Further, he established CRISPR-Cas mediated genome editing in wheat and developed a freeware for target prediction.

**40. Dr Vikram Vishal** (12.07.1985), PhD, Associate Professor, Department of Earth Sciences, IIT Bombay, Powai, Mumbai.

Dr Vishal has developed a geologic CO<sub>2</sub> storage potential map of India based on updated methodologies, basin specific know-hows, and experimentally determined inputs. Using coal deformation experiments with flow of liquid/supercritical CO<sub>2</sub>, he has led efforts in resolving issues related to CO<sub>2</sub>-enhanced coalbed methane recovery (ECBMR) in India. He has developed a new Gas shale assessment method and proposed stitching of pores for total pore assessment in shale. He has developed a State-of-the-art Computational and Experimental Geomechanics Laboratory for resolving issues surrounding geomechanics of oil and gas development. He has been instrumental in providing a scientific basis for the formulation and implementation of the national policy on incentivizing unconventional hydrocarbon recovery in India.

## **INTERNATIONAL PROGRAMS**

International relations in science are important not only for exchange of scientific information through scientific conferences, networking events and publications, but also for promoting international understanding among scientists of different nations through participation in scientific programs and promoting collaboration in special fields through exchange of personnel. To make these objectives functional, the Academy has launched a range of international activities since the past three decades.

### **I. ADHERENCE TO THE INTERNATIONAL SCIENCE COUNCIL (ISC)**

The International Science Council (ISC), formerly known as International Council for Science (ICSU) is a non-governmental organization. It was created in 2018 from a merger of the International Council for Science (founded in 1931) and the International Social Science Council (founded in 1952). Currently, ISC functions as a non-governmental organization with a unique global membership that brings together 45 international Scientific Unions and Associations and over 146 national and regional scientific organizations including Academies and Research Councils.

### **INSA-ISC NATIONAL COMMITTEES AND THEIR ACTIVITIES/OBJECTIVES**

The National Committees recommend through the adhering organizations (in this case INSA), their views regarding organizational changes of statutes, proposals for scientific action or matters for discussions, preparation of country status reports which may be desirable for bringing before the General Assembly of the respective Union. In addition, respective National Committees recommend scientists to represent the adhering organization at the General Assembly or international congress of the respective Union. The National Committees also recommend hosting of General Assembly/Congress/International Conferences of the International Unions in India. Names of eminent scientists are also recommended by the National Committees for the Executive positions in the various ISC bodies.

The Indian National Science Academy reconstituted its National Committees for the next block of three years (2024-2026). Currently, there are 20 national committees that coordinate their activities with the respective international unions. In all these committees, persons holding office in Executive Committee of international Union and the President (or his representative) of national level professional society will participate as an ex-officio member. The outgoing President of the committee after three years will serve another term of one year as ex-officio member in the committee. Indian scientists occupying important positions in different ISC bodies are given below.

#### **ISC National Committee from India comprises of the following:**

President, INSA as the Chairperson and includes all the Vice-Presidents of the Academy and

Chairpersons of all National Committees of INSA corresponding to respective international Union/Committee as the Members of this committee.

**GIVEN BELOW IS A LIST OF INDIAN SCIENTISTS HOLDING IMPORTANT POSITIONS IN the ISC, ITS AFFILIATED UNIONS AND OTHER BODIES:**

<b>Name of Scientist</b>	<b>Position</b>
Professor Archana Bhattacharyya	Member, Finance Committee (2023-27)
Professor S Sanjay Mittal	Secretary, IUTAM Congress Committee (2020-24)
Dr Pankaj Kumar	Assistant Secretary-General (2022-24)
Professor Rene Borges	Secretary General, IUBS (2022-25)
Professor T R Ramadas	Executive Committee Member, IMU (2023-26)
Professor K N Raghavan	CDC Member, IMU (2023-26)
Professor R K Kohli	Member, Executive Committee, IUBS (2023-26)
Dr V M Tiwari	Bureau Member, IUGG, 2023-27
Professor Narinder K Mehra	Member, Scientific Committee on ISC Urban Health & Well-being, 2023-24
Professor DM Banerjee	Member, UNESCO-IGCP Scientific Board (2020-23)
Dr Pradeep Srivastava	Member, Scientific Steering Committee of IGBP-PAGES core Project (2021-24)
Dr Harsh Gupta	ISC Fellow
Professor Narinder K Mehra	ISC Fellow

**II. SCIENTIFIC COOPERATION WITH THE ACADEMIES/ORGANISATIONS OF FOREIGN COUNTRIES (For further details see INSA website: [www.insaindia.res.in](http://www.insaindia.res.in))**

**International Bilateral Cooperation with Overseas Academies:**

Since 1968, the Academy has successfully collaborated with scientific academies/organizations abroad, exchanging research experience and scientific information. Such relationships are usually achieved through bilateral cooperation, involving the exchange of scientists' visits, joint research projects, and the organization and participation in joint symposia/seminars and other scientific activities. The international collaboration and exchange programs are carried out by facilitating contacts between individuals/scientific institutions in India and abroad, based on formal agreements/MoUs established with 59 overseas academies/organizations in 50 countries. However, post-COVID, the agreements of INSA with these science academies need to be fully revised based on new developments, challenges, and requirements, and are currently under process.

**Etienne Wolff and Ramanujan Lecture Series:**

Beginning 2005, the Academy in association with the French Academy of Sciences instituted the "Etienne Wolff and Ramanujan Lecture Series" to be organized alternately in India and France. The

Etienne Wolff Lecture is delivered by the French scientist in India and the Ramanujan Lecture is delivered by the Indian scientist in France.

**Jawaharlal Nehru Birth Centenary Visiting Fellowship:**

In 1989, the Academy instituted the Jawaharlal Nehru Birth Centenary visiting Fellowship to commemorate Pt. Jawaharlal Nehru's commitment and sustained support for science. This Fellowship enables the Academy to project the achievements of Indian Science and Technology abroad. The Fellowship is awarded once in three years to a distinguished Indian Scientist for delivering a series of Lectures abroad not restricted to countries with which the Academy has exchange program.

**INSA-German National Academy of Sciences, Leopoldina Lecture Series:**

INSA and German National Academy of Sciences, Leopoldina have jointly taken up the initiative to establish Lecture series between the two academies. A senior Indian speaker delivers a (or a series of) lecture/s in Germany in one year and alternatively, a German scientist in India in the following year. This activity of lecture series is in addition to the Indo-German Joint Symposia.

**Inter Academy Partnership (IAP):**

The Academy has been a member of the IAP: "the Global Network of Science Academies" since 1994 and coordinating and participating in its various programs on science education, capacity building, water and access to scientific information/digital divide, women and health education and other such activities. The Academy also works closely with the Inter-Academy Council (IAC), an executive arm of IAP founded in 2000 to mobilize the best scientists and engineers worldwide and to provide high quality advice to international bodies such as United Nations and the World Bank as well as other Institutions. The Academy was a member of the IAC Executive Board for the term 2013-2017. The Executive Committees of IAP and the Inter Academy Medical Panel (IAMP) together with the Board of Inter Academy Council have created a single umbrella organization namely, the Inter Academy Partnership (IAP) that permits the three "inter-academy" Networks to speak with one voice and thus have greater impact on global issues of common interest. The three main components of Inter Academy Partnership are: IAP for Science (formerly IAP), IAP for Health (formerly IAMP) and IAP for Research (formerly IAC). In addition, important contributions are made by the four regional networks of IAP namely, Association of academies and Societies in Asia (AASSA), Network of African Science Academies (NASAC), Inter American Network of Academies of Sciences (IANAS) and European Academies' Advisory Council (EASAC). The IAP with its secretariat in Trieste Italy has over 30,000 leading scientists, engineers and health professionals in over 100 countries represents 140 member academies of science, medicine and engineering from around the world. INSA is an active member of the Inter Academy Partnership.

**Association of Academies and Societies of Sciences in Asia (AASSA):**

The Academy, a founder member organization of the Federation of Asian Scientific Academies and Societies (FASAS), has been supporting activities since its inception in 1984 in India. In 2012, FASAS



and the Association of Academies of Sciences in Asia (AASA) have been merged and formed a new organization named the Association of Academies and Societies of Sciences in Asia (AASSA). INSA has become a member of AASSA. AASSA includes around 34 scientific academies/societies of the Asian region. The organization has the goal to stimulate regional cooperation and promote material and regional self-reliance by showing each other experience.

**Science Council of Asia (SCA):**

The Science Council of Asia (SCA) is an international scientific organization founded in 2000 by the Asian science academies and other national scientific organizations. SCA aims to provide scientists in all fields, including cultural, social as well as natural sciences and technology, a collaborative platform for promoting scientific exchange and cooperation in Asia, and to develop and promote a holistic vision focusing on sustainable development and improvement in quality of life. At present, SCA is comprised of 32 academic organizations in Asia and SCA Conference has been held annually since 2001. The Academy is a member of SCA.

**The World Academy of Sciences (TWAS)/Third World Network of Scientific Organizations (TWNSO):**

The Academy as a member organization of the World Academy of Sciences (TWAS)/Third World Network of Scientific Organizations (TWNSO) has been actively participating and contributing significantly in their activities in India.

**Chairs for Inviting Overseas Scientists:**

In order to facilitate interactions between distinguished overseas scientists and their Indian counterparts, the Academy has established ten chairs named after different sectional committees of INSA. Every year, the first five Sectional Committees (I-V) nominate their candidates, while the next five Sectional Committees (VI-X) do so in the following year.

## SCIENCE PROMOTION

Basic research, a pre-requisite for applied research leading to developmental activity, conducted by the academic institutions, was supported by the Academy in the past by instituting programmes of support to individual scientists, interdisciplinary and multi-institutional programmes. With the emergence of major funding bodies in the country for carrying out scientific research, the Academy modified its programme to support individual scientists.

### INSA DISTINGUISHED PROFESSORS

With effect from January 1, 2018, the Academy initiated Ten Professorial Chairs; they are named as INSA Distinguished Professors. The Professorship is awarded in recognition of outstanding contributions to any branch of Science & Technology falling within the purview of the Academy. The main aim of the Professorship is to provide recognition to a person who has made outstanding scientific research contributions and to enable him/her to continue to contribute to the subject of his/her choice. Each of the INSA Distinguished Professor would be required to have an institutional attachment and will receive consolidated honorarium of Rs.1.00 lakh per month and a contingency grant of Rs. 2.00 lakhs per annum. Funds will be released to the institute with which the Distinguished Professor is attached.

For detailed guidelines refer INSA website <http://insaindia.res.in/rps.php>

### INSA SENIOR SCIENTIST PROGRAMME

The Academy instituted in 1985 a programme of INSA Senior Scientist to utilize the expertise of superannuated INSA Fellows working in India to continue to work in the area of his/her choice in an R&D centre/university/institution in India.

The term of an INSA Senior Scientist is initially for a period of three years, extendable for another two years after review of achievement of three year's work. Selected Fellows have to join within a period of six months from the date of issue of the offer letter. The number of INSA Senior Scientists to be selected each year will be decided by the Council based on the availability of funds.

The honorarium of INSA Senior Scientist is Rs. 50,000/- per month and the contingency is Rs. 1,00,000/- per annum w.e.f. 1st January, 2024. The funds will be drawn by the host institution where the Senior Scientist works. In case, there are fund constraints, the number of fellowships to be offered will be reduced.

He is entitled for 60 days leave in a year with honorarium.

Fellows who accept the INSA Senior Scientists position and leave before completing the normal tenure of three years may also apply as fresh applicants; however, their total tenure to avail of the fellowship will remain the same as per the INSA guidelines. If they leave the position twice, they will be debarred for the remaining period.

For detailed guidelines refer INSA website <http://insaindia.res.in/sps.php>

### **INSA HONORARY SCIENTIST PROGRAMME**

INSA Honorary Scientist Scheme, initiated in May 2000, aims to engage and utilize the expertise of active superannuated Fellows of the Academy to contribute to the growth of science by working in some recognized institutions/universities in India through activities such as preparing monographs/books and other publications.

The term of an INSA Honorary Scientist is initially for a period of three years, extendable for another two years after review of achievement of three year's work. Selected Fellows have to join within a period of six months from the date of issue of the offer letter. The number of scientists to be selected each year will be decided by the Council. INSA Honorary scientist position will be operated only through the organization to which the fellow is affiliated. Contingency grant is Rs. 1,00,000/- per annum.

For detailed guidelines refer INSA website <http://insaindia.res.in/hss.php>

### **INSA HONORARY SCIENTIST PROGRAMME WITHOUT HONORARIUM AND CONTINGENCY**

To encourage superannuated fellows to be scientifically active and want to affiliate with an Institute, instead of INSA Emeritus Scientist, Fellows should get INSA Honorary Scientist Award without any Honorarium. The changes of nomenclature from INSA Emeritus Scientist to INSA Honorary Scientist is w.e.f. 12th September, 2023.

The position, offered for life, carries no contingency / honorarium. Fellows desiring to avail INSA Honorary Scientist Award without any Honorarium, may write to President, INSA.

### **PARTIAL FINANCIAL ASSISTANCE FOR HOLDING NATIONAL/ INTERNATIONAL CONFERENCE/SEMINAR IN INDIA**

The Academy provides partial financial support of Rs. 1,00,000/- each to a maximum of 40 conferences from the Financial Year 2023-24 for National/International conferences/symposia/seminars/summer/winter schools. However, the number of sanctions may be increased depending upon the availability of

funds. An additional partial support of Rs. 1,00,000/- up to maximum five conferences per financial year will be considered with proper justification before the selection committee.

An advertisement inviting applications for holding seminar/conferences will be made twice in a year on INSA Website and selection committee meeting will be convened accordingly.

For detailed guidelines refer INSA website <https://www.insaindia.res.in/seminar.php>

### **INSA VISITING SCIENTIST PROGRAMME**

The Academy has instituted INSA Visiting Scientist programme since 1991 to support scientists from less endowed institutions to conduct advance research and training in advanced Research Institutions/Laboratories within India. The number of INSA-Visiting Scientist positions to be awarded each year will be a maximum of 120 man-months per annum. The minimum period of fellowship is one month to a maximum of six months.

From FY 2023-24, under this scheme a consolidated amount of Rs. 30,000/- p.m. will be paid towards boarding, lodging and incidental expenses. The travel expenditure from parent to the visiting institute will be reimbursed separately on production of ticket as per the entitlement of the Visiting Scientist as per the Central Govt. TA Rules. All payments should be made to the parent institute.

For detailed guidelines refer INSA website <http://insaindia.res.in/visiting.php>

## INDIAN NATIONAL COMMISSION FOR HISTORY OF SCIENCE

The work for compilation of History of Sciences in India was started at the Asiatic Society, Calcutta in 1960 under the supervision of History of Science Board with Dr AC Ukil, FNA, the past-President of the Academy, as Chairman. The programme was sponsored by the Indian National Science Academy, the then National Institute of Sciences of India (NISI) and the necessary fund was sanctioned by the Government of India. In 1964, a deputation from the Academy headed by Dr HJ Bhabha, FNA met the then Education Minister, Mr MC Chagla to clarify the matter concerning the enlargement of the scope of History of Science Board and formation of a National Commission for the same purpose. As regards objectives of the National Commission, Professor DM Bose, FNA, the then Co-Chairman of the History of Science Board had recorded as follows: While special importance was given to the writings of the history of sciences in India, it was also recognized that history of science should be the subject of continuous study which the Indian Universities should be invited to take up later. For encouraging such studies, the sponsoring body, the National Institute should receive from the Government of India annual grants to be disbursed by the National Commission for the Compilation of History of Sciences in India. The Commission would appoint whole-time Professors and Readers to conduct research as well as supervise the work of research scholars and technical assistants. By such means a cadre of science historians would be trained from which the universities might be able to recruit staff for their history of science departments. (Ref Indian Journal of History of Science, Preface p.i, 1966). The Commission was set up in 1965 with 21 members from all over India consisting of scientists, historians, indologists and the President of the Academy as Chairman. The work of the Commission was however restricted to the supervision, compilation and publication of studies. A Journal, Indian Journal of History of Science (IJHS), was also set up in order to stimulate contributions from investigators of different disciplines. In 1989, while assessing the progress report of the different research projects relating to ancient, medieval and modern periods, members of the Advisory Boards/ National Commission felt that the Academy has done a laudable work in organization of research, systematic collection of sources and publication programme during the last 25 years. It was suggested that there is need for changing the name of the Commission creating and extending scope for study of History of Science from international perspective. The workshop made a unanimous suggestion that the name of the 'National Commission for the Compilation of History of Sciences in India' may be modified to the Indian National Commission for History of Science. In addition to other objectives already underlined under the programme, interpretation, critical evaluation of facts and publication of important materials were also emphasized. Till the year 2003, the work of the Commission was coordinated by three advisory boards for ancient, medieval and modern periods. This is now being coordinated by a 12 member Research Council. The quarterly Indian Journal of History of Science (IJHS), the other important organ of the Commission of History of Science, started its publication since 1966. An Editorial Board is also reconstituted periodically for its smooth functioning.

## **INSA History of Science Associate Fellow**

To recognize the potential of young researchers working in the broad area of History of Science in India and to motivate them to achieve further excellence in their research, INSA History of Science (HS) Associate Fellowship was initiated in 2023. Fellowship is awarded to young historians of extraordinary promise and creativity who have made notable research contributions to any branch of the History of Indian Science, irrespective of the institution in which the study has been carried out, whether in India or abroad.

Any researcher who has not attained the age of 40 years on December 31 of the year preceding the year of Associate Fellowship shall be eligible for the HS Associate Fellowship. OCI/PIO card holders working in India for at least five years will also be eligible.

The number of History of Science Associate Fellowships to be made in any year will be limited to a maximum of two. For details: [https://insaindia.res.in/?page\\_id=1033](https://insaindia.res.in/?page_id=1033)

## SCIENCE AND SOCIETY

Under the science & society programme, the Academy endeavours to address issues pertaining to science and technology that are of relevance to the society. Some of the initiatives are: Science education programme, study group for preparation of evidence-based well considered documents and topical seminars of societal relevance to initiate enthusiasm and positive discussion amongst the scientific community and influence science policy. In recent past the documents/books were prepared on

Nutrition Security for India-Issues and way forward; Micro-nutrient Security for India-Priorities for research and action; Hazardous Metals and Minerals Pollution in India: Sources, Toxicity, and Management, Use of Animals in Scientific Research & Education, India's Nuclear Energy Programme, Indian Science Transforming India, MN Saha: His Science and Persona through selected letters and writings, Biomaterials Science and Implants, Fellowships and Funding Opportunities for School Students: The Way Forward, Drug Discovery and Drug Development: The Indian Narrative, Ethics in Science Education etc.

### SCIENCE EDUCATION PROGRAMME

The Academy, jointly, in association with Indian Academy of Sciences (IASc), Bangalore and the National Academy of Sciences of India (NASI), Allahabad sponsored a variety of activities aimed at strengthening of higher education in science and encouraging the young students to take science as a career. These are:

1. **Summer Research Fellowships for Students and Teachers:** Under this programme, specific proposals are invited from students and teachers for the work they propose to undertake during the two month long Fellowship.
2. **A 2-week All India Refresher Courses for Teachers:** Two-week Refresher Course is aimed at capacity building of teaching community. The primary focus is to enhance the quality of science education at undergraduate and graduate levels. Refresher Courses are thus, primarily aimed at helping teachers to add value to their teaching.
3. **Lecture/Workshops for Students and Teachers:** Short-duration Lecture Workshops is an important segment of the activities under the Science Education Panel. These are of 2–3 days' duration, intended for the benefit of students and teachers at the undergraduate, graduate and research levels.

### FOCUS AREA SCIENCE TECHNOLOGY SUMMER FELLOWSHIP (FAST-SF)

With a view to enhance the spread of Science and Technology in the specific regions of the country, the Inter Academy has initiated the Focus Area Science Technology Summer Fellowship (FAST-SF). This programme is open for all Students and Teachers studying/teaching in the North-Eastern states of India. VIZ. Arunachal Pradesh, Assam, Meghalaya, Manipur, Nagaland, Mizoram, Sikkim, Tripura, Bihar, Chhattisgarh, Jammu & Kashmir, Jharkhand and Madhya Pradesh only.

**Lectures by INSA Fellows/Young Scientists (YS)/teacher Awardees (TA)/INYAS members to young students and teachers of schools and colleges in the remote /rural areas/ less privileged schools or Government schools of urban areas.**

The Academy organizes a scheme under which lecture-cum-interaction meetings were organized by Fellows at schools/colleges in areas which were away from the urban areas. 2016 onwards INSA young scientists and INSA teacher awardees were included in this programme. In the year 2017 the Academy decided to include members of INDIAN NATIONAL YOUNG ACADEMY OF SCIENCES (INYAS) in this programme.

During the council meeting on 5th January 2023 the council approved the proposal to include less privileged schools or Government schools of urban areas in this existing programme. The inclusion of these schools will broaden the area of the programme and also the INSA fellows/YS/TA/ INYAS member will feel comfortable to take lectures in the vicinity of their places due to the inclusion of less privileged schools or Govt. Schools in the urban areas.

#### **INDIAN NATIONAL YOUNG ACADEMY OF SCIENCES (INYAS)**

In 2014 during December council meeting INSA decided to establish Indian National Young Academy of Sciences (INYAS). Initially 20 members who were INSA young scientist, not exceeding the age of 40 years, got selected as INYAS founding members. The membership is for a fixed period of five years. Every year new members are selected. Eight INYAS members and Chair, INYAS comprises a working group (core committee) to run the day to day activities. The Indian National Young Academy of Science is a platform that enables young scientists to interact, and works towards spreading the enthusiasm about science among school children. INYAS is recognized as the voice of young scientists of India by the Global Young Academy, and actively participates in various international events that invite participation by young scientists. INYAS hopes to work towards building a generation of Indians who practice science as a way of life. For details and the present list of INYAS members visit [www.insaindia.res.in/INYAS/](http://www.insaindia.res.in/INYAS/).

#### **INSA PANEL & INTER-ACADEMY PANEL ON 'WOMEN IN SCIENCE'**

The Indian National Science Academy established an INSA panel on Women in Science (refer page 235). In addition, an Inter-Academy Panel on Women in Science (refer page 236) was constituted jointly by three Academies (Indian National Science Academy, New Delhi; Indian Academy of Sciences, Bengaluru & National Academy of Sciences, India, Allahabad) with the aim of ensuring inclusion of women in S&T issues in all possible and pragmatic ways and strengthen the application of S&T to



reduce the drudgery of women in rural areas. The main objectives of the panel are: to prepare a road map for implementation to encourage women in science and application of science for the welfare of women; to include more women in science and accelerate contributions of women in science; to ensure access to information about various opportunities.

#### **INSA PANEL & INTER ACADEMY PANEL ON 'ETHICS IN SCIENCE'**

The Indian National Science Academy established an INSA panel on Ethics in Science (refer page 235). In addition, an Inter-Academy Panel on Ethics in Science has been set up (refer page 237). This Inter Academy Panel will develop guidelines for ethical conduct of science, which could be adopted by all the Academies and other academic and research institutions across the country. Any complaint received by the Academies on ethical issues will be referred to this panel. Under this panel, INSA brought out a publication on Ethics in Science Education.

#### **ETHICS SCRUTINY COMMITTEE IN INSA**

The Indian National Science Academy constituted an Ethics Scrutiny Committee with following members:

Professor Anurag Sharma (Convener), Professor DM Banerjee, Professor NR Jagannathan. This scrutiny committee will initially go through the complaints received in the Academy related to ethical issues and if there is sufficient justification, the issue will be referred to the main INSA panel on Ethics in Science.

## INSPIRE

The Government of India (Department of Science and Technology) has launched a major programme to encourage original scientific research under the scheme 'Inspire' (Innovation in Science Pursuit for Inspired Research), which primarily aims to attract *Young Talents* (from age 10 to 32 years). It has already initiated a few schemes to attract students in the age group of 10-22 years. To facilitate the programme further, the DST has planned two new major schemes after Post graduation i.e. scholarship for pursuing *Ph.D* (Age group 22-27 years) and *Post-doctoral Research Fellowship* for 5 years under the *Faculty Fellowship* Scheme.

INSA, since 2011 on the request of DST has taken up the responsibility of *INSPIRE Faculty Fellowship* under AORC scheme (Age group 27-32 years) and inviting *Leaders in Science* to science camps for school students.

An *Independent Cell* has been set-up for this newly introduced programme at the INSA premises with separate budget provided by the DST. A core committee of three members advises the INSPIRE Cell of INSA for execution of this highly specialized programme.

This Programme is operated through nine discipline-wise *Selection Committees* and an *Apex Committee* for final selection of the *Faculty Fellows*. The selection is done once a year to attract more young Indian research scientists in the country and abroad.

The academy has also made arrangements for selection through SKYPE/video conference network for the applicants residing abroad.

## INFORMATICS

The Informatics Centre of the Academy encompasses Computer Centre, Library and INSA Archives.

### *INSA Activities*

The entire premises of the Academy have been networked through fiber cable and the IT infrastructure has also been further augmented. The National Knowledge Network (NKN) linkages have been setup to further boost e-communication culture in the Academy with sectional email accounts as well as bulk email service being facilitated via National Informatics Centre. Online interviews for INSPIRE-DST candidates have been conducted through Video Conference, Microsoft Teams, Cisco WebEx, and Zoom.

### *Hybrid mode online Activities*

Major INSA activities were conducted in hybrid mode. National and International meetings, Council meetings, Webinars, Book releases, different committee meetings, symposiums, and in-house office activities were conducted in hybrid mode along with in person meetings in the Academy. And public lectures series event were streamed online and information's were disseminated through social media.

### *National Digital Library*

INSA has been partnered with the National Digital Library (NDL) mission which is targeted to upload all the INSA publications e.g., Special Reports, Lectures, Journals, Biographical Memoirs of INSA Fellows etc., in digital format.

### *Augmentation of Wi-Fi*

The Cloud and WIPS based CISCO Meraki Wi-Fi facility has been implemented and maintained in entire INSA premises.

### *Online Journal Portal is <https://insa.nic.in>*

The Informatics Centre is actively associated with creation of electronic databases of INSA Journals and making them available for open access by the scientific community. Three INSA Journals namely Proceedings, IJHS and IJPAM are available online as open access at <https://insa.nic.in> and it has been hosted in NIC cloud server.

Another website, <https://insaindia.res.in> is INSA's official website to interact with social environment. It covers the INSA's core functionalities like Fellowship, Council, Lectures, Objectives, Regulations, Committees, Local chapters, Academy Awards, etc.

*DST- National Knowledge Resource Consortium*

Through DST-NKRC consortium eight international online publications (Emerald, IEEE, J-Gate, Oxford University Press, Royal Society of Chemistry, Taylor and Francis, Web of Science, Wiley) are accessible within the INSA premises, which include more than 10,000 online journals. Through NKRC, Grammarly software has been implemented to all the computers in INSA.

*Electronic Resources*

All the essential data like Public Lectures videos, photos, workshop photographs, international conference data etc., are being archived. Besides, videos of popular lectures videos are shared with public through social media like Facebook, Twitter, YouTube, LinkedIn.

*Social Media Handles*

YouTube: <https://www.youtube.com/c/insasince1935>

Facebook: <https://www.facebook.com/insaindiariesin>

Twitter: @insa\_academy

*Creating Digital Resources*

The Informatics Centre had initiated digital content creation process and as a sequel to this, digitization of Fellowship records was initiated. The existing fellowship records collection has now been made available in digital format having suitable provision for database access.

*Library*

The library of the Academy primarily serves the Fellows of the Academy and other enrolled members. It renders reference service whenever required and extends facilities for consultation. At present, it is receiving more than 350 scientific and technical journals and has collection of about 17,681 books covering Science and Technology, History and Philosophy of Science, Science Management and Science Policy. Besides this, Library is also procuring books in Hindi pertaining to the S&T area. Presently, it has over 1450 Hindi books.

*INSA Archives*

The archives unit was established during the Platinum Jubilee Celebrations which houses all available data of INSA Fellows, including books, reprints, detailed bio-data and list of publication. The INSA archive intends to preserve rare manuscripts and other valuable knowledge materials related to History of Science and Technology in India. It will also house photographs of Fellows, important events in the history of INSA, our relationship with other sister Academics/other International scientific bodies such as TWAS/IAP/IAC/FASAS etc, documentaries on the life of Fellows and other scientists and any other material concerning Academy, Indian Science and Fellowship. All these documents will be microfilmed, digitized and stored in a retrievable form.

## PUBLICATIONS

Proceedings of the Indian National Science Academy, Indian Journal of Science History, and Indian Journal of Pure and Applied Mathematics are among the Academy's publications. The Academy also publishes its Year Book, Scientific Reports/Monographs/Seminar Proceedings, INSA News Letter, and Biographical Memoirs. For all three of the Academy's journals, INSA had signed a co-publishing agreement with Springer Nature.

### *Proceedings of the Indian National Science Academy*

The first issue of the Proceedings was published in 1935 as a single issue for both Physical and Biological Sciences. It was split in two series – Part A and Part B in 1955. Six issues of each part were brought out in a calendar year.

Proceedings, which had earlier been devoted to original research reports in Physical Sciences (Proceedings-Part A) and in Biological Sciences (Proceedings-Part B) shifted its orientation from January 1998 by publishing review articles of contemporary scientific interest, evaluating advances and newer approaches in the concerned fields. They also contain reports from special interest symposia. The emphasis thus shifted from being vehicles of original research reports into ones of reviews and trends, as well as of comprehensive summary reports on chosen topics. The Proceedings then concentrated on bringing out thematic issues on current scientific topics containing invited reviews both from India and abroad since 2001. From year 2006, the Academy brought out a major change in the Proceedings as the two parts have been merged into a single volume. Quarterly issues of the Proceedings cover areas under Biological, Physical, Applied Sciences and also Engineering and are brought out in the months of March, June, September and December. The Proceedings has been rejuvenated to contain review papers, original research articles, short communication, commentaries, lateral thinking and emerging techniques etc.

The authors wishing to publish in the Proceedings of the Academy are welcome to submit their papers which shall be published following the usual standard peer reviewing process.

The Proceedings now includes Reviews, Original Research Articles, Commentaries/Opinion, Meeting Reports, Book-Reviews and Academy News.

The journal is being co-published with M/s Springer Nature from the year 2021.

### *Indian Journal of History of Science*

Published under the guidance of Indian National Commission for History of Science set up by the Academy. First published in 1966 as biannual and then switched over to quarterly from 1984 onwards. Devoted to studies and researches in various fields of ancient, medieval and modern science in historical perspective, it is an interesting forum for scientists, historians, sociologists and philosophers

for exchange of their ideas on the evolution and characteristics of scientific concepts and technological advances. Starting 2021, the journal has been co-published by M/s Springer Nature.

### ***Indian Journal of Pure and Applied Mathematics***

The journal is devoted to original research in all areas of Mathematical Sciences. The journal started as a quarterly publication of the Academy in the year 1970. Due to the growth in the number of submissions, it was published monthly from 1973. It was a bimonthly publication between 2006 and 2015. Starting from 2016, it has been a quarterly publication. The journal is being co-published with M/s Springer Nature from the year 2010. The journal is freely available at <https://www.insa.nic.in/UI/journaldetails.aspx?AID=Mg==>.

### ***Other Publications***

Biographical Memoirs of Deceased Fellows of the Indian National Science Academy: Commenced in 1966. So far, 43 Volumes containing more than 571 memoirs has been published.

Year Book: First Issued in 1960.

Special Publications are brought out from time to time.

All the details regarding the publication of the Academy is at the website [www.insa.nic.in](http://www.insa.nic.in).

## FELLOWS AND FOREIGN FELLOWS DECEASED SINCE THE FOUNDING OF THE ACADEMY

### FELLOWS

Abhyankar KD	Awasthi DD	Bhabha HJ
Abhyankar SS	Awati PR	Bhaduri AN
Abraham KP	Ayyangar GNR	Bhaduri JL
Abraham WEV	Bachhawat BK	Bhaduri PN
Abrol YP	Bagchee KD	Bhagavantam S
Adiga PR	Bagchi KN	Bhakuni DS
Agarwal SC	Bahadur R	Bhakuni Vinod
Agarwal SS	Bahl KN	Bhan MK
Agarwala SC	Baini Prasad	Bhar JN
Agharkar SP	Balbhadra Prasad	Bhardwaja Y
Ahmad B	Baldev Raj	Bhargava KP
Ahmad F	Baliah V	Bhargava KS
Ahmad N	Banerjee DK	Bharucha FR
Ahuja PS	Banerjee H	Bhaskaran K
Aiyar RG	Banerjee K	Bhaskara Sastri TP
Ajrekar SL	Banerjee PK	Bhat JV
Ali SM	Banerjee S	Bhatia BL
Ambasht RS	Banerjee Srikumar	Bhatia Chittranjan
Anand Bal Krishan	Banerjee T	Bhatia IS
Ananda Rau K	Banerji AC	Bhatia ML
Ananthakrishnan RI	Banerji I	Bhatnagar PL
Ananthakrishnan SV	Banerji SK	Bhatnagar SS
Ananthakrishnan TN	Bappu MKV	Bhatt MV
Anantharaman TR	Bardhan JC	Bhattacharya DR
Antia DP	Barnabas J	Bhattacharya P
Antia KF	Basu BC	Bhattacharya SK
Apparao KMV	Basu Debidas	Bhattacharyya A
Arunachalam VS	Basu JK	Bhattacharyya Bhabatarak
Arya AS	Basu JN	Bhattacharyya JC
Asana RD	Basu Kalipada	Bhattacharyya Kankan
Ash WC	Basu NM	Bhattacharyya PK
Asundi RK	Basu S	Bhattacharyya SC
Aswathanarayana U	Basu Saradindu	Bhattacharyya Sudhir K
Atma Ram	Basu UP	Bhide VG
Auden JB	Beeson CFC	Bhimachar BS
Auluck FC	Berkeley-Hill OAR	Bhimsankaran VLS

Bhisey AN	Chakravarty C	Daniel RR
Bhowmik BB	Chakravorty M	Das AK
Bilgrami KS	Champion HG	Das BK
Bir SS	Chandrasekhar S	Das BN
Biswas AB	Chandrasekharan K	Das Jaineswar
Biswas BB	Chandrashekar MK	Das Jyotirmoy
Biswas K	Chary KVR	Das K
Biswas NN	Chatterjea JB	Das MR
Biswas SN	Chatterjea JN	Das PK
Biswas Sukumar	Chatterjee A	Das Gupta CR
Bomford G	Chatterjee B	Dasgupta MK
Bor NL	Chatterjee G	Das Gupta NN
Bose A	Chatterjee IB	Dasgupta Somesh
Bose AK	Chatterjee GP	Das Gupta SN
Bose DM	Chatterjee NC	Dastur DK
Bose GS	Chatterjee SC	Dastur JF
Bose JC	Chatterjee SD	Dastur RH
Bose JP	Chattoo BB	Datey KK
Bose MK	Chattopadhyaya KP	Datta AG
Bose MN	Chaturvedi UC	Datta Sachhingananda
Bose Nirmal Kumar	Chaudhuri H	Datta Snehmoy
Bose Nolini Kanto	Chaudhuri RN	Dayal B
Bose PC	Chawla MM	De MN
Bose PK	Chhibber HL	De P
Bose RC	Chinoy JJ	De Rajat
Bose SN	Chitre SM	Deb SS
Bose SR	Chopra BN	Deodikar GB
Brahm Prakash	Chopra RN	Desai RD
Brahmachari UN	Chopra KL	Deshpande BG
Buchi EC	Chopra SRK	Deshpande DL
Burma DP	Chopra VL	Desikachary TV
Burns W	Choudhury B	Dessau Gabor
Burridge W	Chowdhury AB	Dewan IJ
Burt BC	Chowdhury JK	Dey AK
	Chowdhury KA	Dey BB
Cadambe V	Chowdhury Mihir	Dhar ML
Calder CC	Chowla S	Dhar MM
Chakrabarty SK	Clegg ELG	Dhar NR
Chakravarti D	Coates JC	Dhar SC
Chakravarti DN	Couchman HJ	Dhawan BN
Chakravarti R	Coulson AL	Dhawan S
Chakravarti Ram N	Crookshank H	Dikshit BB
Chakravarti Rabindra N		Dinesh Mohan
Chakravarti SN	Damodaran M	Divatia AS



Dixit KR	Gee ER	Gupta BM
Dogra PD	George MV	Gupta HR
Dominic CJ	Ghatage VM	Gupta J
Doraiswamy LK	Ghatak UR	Gupta JC
Doss KSG	Ghidyal BP	Gupta S
Dubey GK	Ghose SL	Guptasarma Dharmajit
Dumir VC	Ghose AMN	Guraya SS
Dunn JA	Ghosh A	
Dunnicliff HB	Ghosh BN	Haddow JR
Dutt AB	Ghosh CS	Har Swarup
Dutt SB	Ghosh J	Hariharan P
Dutta AK	Ghosh JC	Harish Chandra
Dutta GP	Ghosh JK	Hasan M
Dutta NK	Ghosh NL	Heilig Robert
Dutta PC	Ghosh PK	Hendry D
Dutta Roy RK	Ghosh PN	Heron AM
	Ghosh RN	Hora SL
Ekambram T	Ghosh SN	Huque MA
Elwin V	Ghosh Satyeswar	Husain MA
Esh GC	Ghosh Subir Kr	Hutton JH
Evans P	Ghosh Suddhodan	Huzurbazar VS
	Ghosh Sudhamoy	
Fermor LL	Ghosh TK	
Finch GL	Ghosh TN	Ishaq Mohammed
Forster MO	Ghurye GS	Iyengar MOP
Fowler GJ	Gill KS	Iyengar PK
Fox CS	Gill PS	Iyer LKA
	Giri KV	Iyer PVK
Gajri PR	Glennie EA	
Ganapathi K	Gnanam A	Jacob TM
Ganapati PN	Gopal-Ayengar AR	Jagannathan V
Gandhi Indira	Gopala Rao RV	Jai Krishna
Gandhi RP	Gopalan C	Jain AC
Ganesh Prasad	Gopinath N	Jain GC
Gangulee Hirendra C	Govil Girjesh	Jain HK
Ganguli HC	Govindachari TR	Jain SC
Ganguly AK	Govindaswamy MV	Jain SK
Ganguly J	Gravely FH	Janaki Ammal EK
Ganguly NC	Greval SDS	Jayaraman R
Ganguly PB	Guha BC	Jhingran AG
Ganju PN	Guha BS	Jhingran VG
Garde RJ	Guha PC	Job TJ
Gaur Deepak	Gulatee BL	Joglekar DV
Gayen AK	Gupta AS	Johri BM

Joshi AB	Kothavala ZR	Maheshwari P
Joshi AC	Krishna Murti CR	Maheshwari SC
Joshi BS	Krishna Rao GS	Maitra AN
Joshi SK	Krishnan KS	Maitra Ashok P
Joshi SS	Krishnan KV	Maitra PK
Jussawalla DJ	Krishnan MS	Majumdar CK
Kadam BS	Krishnan PS	Majumdar DN
Kailasam LN	Krishnan RS	Majumdar GP
Kallianpur G	Krishnaswami KR	Majumdar RC
Kamboj VP	Krishnaswami S	Malhotra DR
Kanungo MS	Kulkarni AB	Malhotra PK
Kanwar JS	Kulkarni BD	Malik CP
Kapahi VK	Kumar HD	Malik SK
Kapil RN	Kumar LSS	Malurkar SL
Kapil RS	Kumar Narendra	Mangalik VS
Kapur JN	Kumar Sushil	Mani AM
Kapur SN	Kundu Anjan	Manna GK
Kar AB	Kundu BC	Manoharan PT
Kasliwal RM	Kundu DN	Mata Prasad
Katiyar SS	Kushwaha RS	Mathur HB
Kaushal Kishore	Lahiri A	Mathur KK
Kaw PK	Lahiri DB	Mathur KS
Kedharnath S	Lakhanpal RN	Matthai G
Kenkare UW	Lal Devendra	Mehra HR
Khan Abrar M	Lal KB	Mehra PN
Khan Hamid	Lal MB	Mehra SR
Khanolkar VR	Lal RB	Mehrotra KN
Khastgir SR	Lal RK	Mehrotra RC
Khatri CG	Lala AK	Mehta KC
Khattri KN	Law SC	Mehta SM
Khetrapal CL	Lawande SV	Mehta VB
Khoshoo TN	Laumas KR	Menon KKG
Khosla AN	Lewis CG	Menon MGK
Khurana JP		Menon PK
Kichlu PK	Macgregor RA	Merh SS
Kilpady Sripadrao	Macmahon PS	Metcalfe EP
King CA	Madhava KB	Metre WB
Kini MG	Madhava Rao BS	Mills JP
Knowles R	Mahabale TS	Minakshisundaram S
Kosambi DD	Mahadevan C	Mishra RS
Koshy PK	Mahajan RC	Misra R
Koteswaram P	Mahajani GS	Misra RC
Kothari DS	Mahalanobis PC	Mitra AN
Kothari LS	Mahanti PC	Mitra AP

Mitra HK	Nagchaudhury BD	Padmanabhan Thanu
Mitra K	Nagendra Nath NS	Pakrashi SC
Mitra RP	Naha K	Pal BP
Mitra S	Naidu PRJ	Pal RK
Mitra SC	Naik KG	Pal Yash
Mitra Sisir Kumar	Nair KR	Palit SR
Mitra Sujit Kumar	Nair NBK	Pande IC
Mitra SN	Nair US	Pande SK
Mitter GC	Nakra BC	Pandeya SC
Mitter PC	Nanda J	Pandit CG
Modak NV	Nanda KK	Pandita PN
Modi VV	Nanjundayya C	Pandya AH
Moghe MA	Naqvi SM	Pandya SP
Mohammad Wali	Narain Hari	Panikkar NK
Mohan Ram HY	Narain P	Panja G
Mohanty PK	Narasimham NA	Panse VG
Mookerjee HK	Narasimham NS	Pant DD
Mookerjee RN	Narasimhan MS	Pant NC
Mookerjee S	Narasimhan PT	Paranjpe GR
Mookherjee A	Narasimhan R	Paranjpye RP
Moudgal NR	Narayan AL	Parija P
Mowdawalla FN	Narayana B	Parkinson PE
Mudaliar AR	Narayanan ES	Parthasarathy KR
Mukerjee SK	Narayanamurty D	Parthasarathy N
Mukerjee SM	Narayanaswamy Srinivasan	Parthasarathy S
Mukerji B	Narlikar VV	Pasricha CL
Mukerji S	Nasipuri D	Passi IBS
Mukherjee AS	Natarajan P	Patel CC
Mukherjee JN	Nath Indira	Patwardhan VN
Mukherjee KC	Nath MC	Paul RC
Mukherjee P	Nayar KK	Penman D
Mukherjee SK	Nayudamma Y	Percival FG
Mukherjee Surath Kumar	Nehru Jawaharlal	Peters B
Mukherjee Sushil Kumar	Neogi P	Philpot HP
Mukherji SM	Nigam HL	Pichamuthu CS
Mundkur BB	Nijhawan BR	Pillai MKK
Murty BR	Nityanand Swarn	Pinfold ES
Murthy YS	Normand Charles WB	Pisharoty PR
	Notani NK	Pradhan S
Nag BR		Pradhan SK
Nagappa Y	Olver Arthur	Prakash Ishwar
Nagarajan K		Prakash Shyam
Nagarajan S	Padayatty JD	Pramanick SK
Nagaraju J	Paintal AS	Prasad BN

Prasad MRN	Ramaniah MV	Ray HN
Prihar SS	Ramanna R	Ray JC
Pruthi HS	Ramdas LA	Ray JN
Puri BR	Ramesh R	Ray M
Puri V	Ramiah K	Ray NK
Purkayastha RP	Ram Udar	Ray PC
	Ranadive KJ	Ray PR
Qasim SZ	Randhawa HS	Ray RC
Qureshi M	Randhawa MS	Ray SN
	Randhawa NS	Raychaudhuri AK
Racine C	Ranganathan D	Raychaudhuri Sachi P
Radhakrishna BP	Ranganathan S	Raychaudhuri Satya P
Radhakrishnan AN	Rangarajan SK	Raychaudhuri Syama P
Raghavan S	Rangaswami S	Reddy GM
Raghavarao R	Rao AK	Reddy CRRM
Raizada MB	Rao AR	Reddy V
Rajagopal CT	Rao BR	Rodrigues VF
Raja Gopal ES	Rao Bellur Rama	Rohatgi-Mukherjee KK
Rajasekaran G	Rao BS	Roonwal ML
Rajasekarasetty MR	Rao CR	Row LR
Rajnath	Rao CRN	Row R
Raju SP	Rao CV	Roy Amalendu
Rakshit H	Rao CVH	Roy AK
Ram Behari	Rao HS	Roy BB
Ramachandra K	Rao KR	Roy BC
Ramachandran Arcot	Rao KR	Roy DP
Ramachandran LK	Rao LR	Roy RP
Ramachandran GN	Rao MRS	Roy Supriya
Rama Das VS	Rao MVR	Roy SK
Ramakrishnan T	Rao NGP	Roy Sarat Chandra
Ramalingaswami V	Rao NSG	Roy Sures Chandra
Ramamurti B	Rao NVS	Roy SN
Ramamurti V	Rao P Ramachandra	Royds T
Ramamurthy B	Rao PS	Rudriah N
Raman CV	Rao SRN	
Ramanathan KG	Rao SR	Sachar RC
Ramanathan KR	Rao SRV	Sachdev PL
Ramanathan N	Rao TR	Sadashiva BK
Ramanujam Srinivasa (E. 1948)	Rao UR	Sadasivan TS
Ramanujam Srinivasa (E. 1983)	Rao VSR	Sadhu DP
Ramasarma T	Rastogi RP	Saha Ajit Kumar (E. 1959)
Ramaseshan S	Rastogi RG	Saha Ajit Kumar (E. 1968)
Ramaswami LS	Ray AP	Saha Amulya Kumar
Ramaswamy GS	Ray BB	Saha MN

Saha NK	Sen SP	Singh IB
Sahni B	Sengupta JC	Singh Inderjit
Sahni MR	Sengupta M	Singh J
Saksena RK	Sengupta NN	Singh Lalji
Saksena SB	Sengupta P	Singh MP
Salim Ali MA	Sengupta SM	Singh RP
Sandhu SS	Seshachar BR	Singh S
Santapau H	Seshadri CS	Singh SN
Santappa Mushi	Seshadri TR	Singhwi KS
Sanyal GS	Seshaiya RV	Sinha AKP
Sanyal SC	Seth BR	Sinha APB
Sarabhai VA	Seth PK	Sinha BC
Sarkar JK	Sethna HN	Sinha KP
Sarkar Pulin Bihari (E. 1935)	Setna SB	Sinha MS
Sarkar Pulin Bihari (E. 1946)	Sewell RBS	Sinha SK
Sarkar SN	Shah RC	Sinton JA
Sarkar SS	Shah SM	Sircar AC
Sarma PS	Shah VC	Sircar SM
Sarma YSRK	Shankar Jagdish	Sirkar SC
Sastri MVC	Shanmugam G	Sivaraman C
Sastri VV	Sharif M	Sohi HS
Sastry PS	Sharma Archana	Sohoni VV
Sathyanesan AG	Sharma AK	Sokhey SS
Satya Swaroop	Sharma GP	Somayajulu BLK
Satyamurthy NS	Sharma KN	Sondhi VP
Savur SR	Sharma Tikaram	Soparkar BM
Sawhney K	Sharma VK	Spencer E
Saxena PN	Sharma VP	Sreekantan BV
Saxena RN	Shastry SVS	Sreenivasan A
Seal SC	Shaw FJF	Sri Krishna
Sekhon GS	Sheth AR	Srikrishna A
Sen AB	Shortt HE	Srinivasan MS
Sen B	Shri Ranjan	Srinivasan R
Sen BM	Shrikhande SS	Sri Niwas
Sen HG	Siddiqi Obaid	Sriramachari S
Sen HK	Siddique HN	Srivastava BN
Sen JM	Siddiqi MR	Srivastava HD
Sen KC	Sikka SM	Srivastava ON
Sen NK	Simpson RR	Srivastava PL
Sen NR	Singh B	Srivastava PN
Sen PK	Singh BK	Srivastava US
Sen RN	Singh Baij Nath	Stewart AD
Sen SK	Singh Bhola Nath	Subba Rao GV
Sen SN	Singh Digvijai	Subba Rao Kalluri

Subbarayappa BV	Thind KS	Venkataraman K
Subrahmanyam NC	Thirumalachar MJ	Venkataraman GS
Subramaniam AP	Thiruvenkatachar VR	Venkataraman TS
Subramanian CV	Thomas Joseph	Venkatesachar B
Subramanyam K	Thosar BV	Venkateswarlu J
Subramanian V	Tilak BD	Venkateswarlu P
Sudarshan ECG	Tirumurti TS	Venkiteshwaran SP
Sukhatme PV	Toshniwal GR	Verma AR
Sukheswala RN	Trehan SK	Verma JP
Sulaiman SM	Trevor CG	Venkoba Rao A
Sundaram CV	Tribedi BP	Verman LC
Sundaram K	Tripathi RS	Vig OP
Sundararaj B	Trivedi BS	Vijayan M
Sundararaj BI	Trivedi H	Vijayaraghavacharya T
Sur NK		Vijayaraghavan T
Surange KR	Udayakumar M	Vishwa Nath
Suxena MR	Udgaonkar BM	Vishwanath B
Swaminathan M	Udupa HVK	Vishwanathan R
Swaminathan MS	Ukil AC	Vishwanathiah MN
Swarup G	Uppal BN	Viswamitra MA
Swarup K	Uppal HL	
		Wadia DN
Tandon BN	Vachell ET	Wadia NH
Tandon HD	Vaidya PC	Wahi PN
Tandon RN	Vaidya WM	Ware F
Tandon SL	Vaidyanathan CS	West WD
Tata JRD	Vaidyanath LR	Wheeler REM
Tawde NR	Vakil RJ	Wheeler TS
Taylor J	Valdiya KS	Wraight EA
Temple FC	Varadachari VVR	
Thacker MS	Varadarajan S	Yadava JNS
Thapar GS	Varma RK	Yadava SL
Thapliyal JP	Varma RS	Yajnik NA
Thathachar MAL	Vasudeva RS	
		Zaidi SH

## FOREIGN FELLOWS

Alexandrov AP	Compton AH	Heisenberg W
Alfven HOG	Cotton FA	Henbury-Brown Robert
Allen Percival	Crick FHC	Herzberg G
Ambartsumian VH		Heslop-Harrisson J
Anderson PW	Davidson, John F	Hewish Antony
Appleton EV	Dale Sir Henry Haiieti	Hill AV
Arnold JR	Daly RA	Hodgkin Sir Alan Lloyd
Asahina Y	De-Brogile L	Hollaender A
Atiyah SMF	Debye P	Holland Sir Thomas
	Diels L	Holliday Robin
Bailey EB	Dirac PAM	Hopkins Sir FG
Bardeen John	Dodson GG	Horecker BL
Barton DHR	Donnan FG	Housner GW
Basov NG		Houssay BA
Battersby AR	Eddington Sir Arthur	Hutchinson J
Beadle GW	Edmunds CW	Huxley AF
Belousspv VV	Einstein A	
Benson SW	El-Kassas MAF	Joshida T
Bergstrom KS	Engelhardt VA	
Bern HA	Erdos Paul	Kadyshevsky VG
Birch AJ	Ernst Richard R	Kanazir Dusan
Blackett PMS	Euler Hans Von	Kapitza P
Blakeslee AF		Karrer P
Blamoat JE	Feng TP	Katritzky AR
Bogolubov NN	Fisher RA	Keith Sir Arthur B
Borlaug NR	Flemingo Sir Alexander	Kendrew JC
Breslow RCD	Frazer Sir James G	Khurana Har Govind
Brown HC	Frumkin AN	Kihara H
Burris RH	Fyfe WS	Kinne Otto
	Gell-mann Murray	Koptyug VA
Cahn RW	Ginzburg VL	Kovda Victor A
Carey SW	Goodrich ES	Kostrzewski JK
Caspersson TO	Greenwood Major M	Krebs Sir Hand
Chagas C	Gros Francois*	Kriebel HB
Chain EB		Kuhn R
Chandrasekhar S	Hadzi Dusan	Kuznetsov FA
Chapman S	Hagenmuller Paul	
Chatt Joseph	Haldane JBS	Lachmann Peter
Christophers Sir Richard	Hammond GS	Laue M Von
Cockcroft Sir John	Harris T	Lawrence EO
Cohen Morris	Heim Albert	Leiper RT

Li Choch Hao	Perrin J	Siegbahn M
Lighthill J	Ponnamperuma Cyril	Steward FC
Lindgre Waldemar	Pontecorvo Guido P	Sultanbawa MUS
Lord Lewis NJ	Porter George Lord	Szentagothai JM
	Prigogine Ilya	Szent-Gyorgy Albert
Maass Hans	Prosser CL	
Maier-Leibnitz Heinz	Pullman B	Tani I
Makino S	Pungor Erno	Thomas JM
Marchuk GI		Tischler Georg
Mark HF	Ratcliffe JS	Tiselius AWK
Marshall Sir Guy	Reichstein T	Titchmarsh EC
Massevitch AG	Riley Ralph	Todd AR
Millikan RA	Robinson R	Tomonaga Sin-Itiro
Mitchell JS	Roche Marcel	Townes CH
Mitchison NA	Rossmann MG	Turner WES
Monod JL	Rouxel J	
Mössbauer RL	Rustom Roy	Urey Harold C
Mott Nevil	Runcorn SK	
Mulier HG	Russell Sir John	Vago Constantin
	Rutherford Lord O'Nelson	Vinogradov AP
Nagakura S		
Neergaard PPFM	Saburo N	Waksman SA
Nesmeyanov AN	Salam A	Weil A
Niggli P	Sanger F	Wenyon CM
	Schell JS	Weyl H
Odhiambo TR	Schrodinger E	Wied DD
Ochoa Severo	Selberg Atle	Wolfendale, Arnold*
Olah GA	Selye Hans	Woodward RD
Oliva Ota	Seward Sir Albert C	Whitteridge DM
Ourisson Guy	Shapley H	
Ovchinnikov YA	Sherrington S Charles	Yukawa H
	Schockley WB	
Parr RG	Schwartz L	Zamaraev KI
Pauling LC	Siddiqui S	Zewail AH