YEAR BOOK 2024

The National Academy of Sciences, India
(The Oldest Science Academy of India)

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2024



The National Academy of Sciences, India (The Oldest Science Academy of India)

POSTAL ADDRESS

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THE ACADEMY

Evolution: The National Academy of Sciences, India (initially called "The Academy of Sciences of United Provinces of Agra and Oudh") was founded in the year 1930, with the objectives to provide a national forum for the publication of research work carried out by Indian scientists and to provide opportunities for exchange of views among them. The Memorandum of Association was signed by seven distinguished and patriotic scientists namely Prof. Meghnad Saha, Prof. K.N. Bahl, Prof. D.R. Bhattacharya, Prof. P.C. MacMohan, Prof. A.C. Banerji, Prof. Ch. Wali Mohammad and Prof. N.R. Dhar. Of these, the Academy had the good fortune of having the continued association of Prof. N.R. Dhar until very lately when he expired on December 5, 1986 at the age of 96 years. Apart from being one of the founders of the Academy and taking continued interest in its welfare, Prof. Dhar also donated the piece of land on which the Academy building stands today.

The Rules and Regulations of the Academy were based on those of the Royal Society of England and the Asiatic Society of Bengal. These have since been revised and updated to meet the emerging challenges. Prof. Meghnad Saha was elected its first President. In the Inaugural address, Prof. Saha Said: ".....But the main function of the Academy should be towards cultural improvement by contribution to human knowledge". Since then, the Academy has crossed many milestones, successfully serving the "Science & Society". In its Silver Jubilee Session in 1955, Prof. Saha, further emphasized the role of the Academies in developing human scientific resources. Similarly, during the Golden Jubilee Session of the Academy in 1980, Shrimati Indira Gandhi. Prime Minster of India stressed that the need of hour was to ensure that science does not remain confined to laboratories. The address delivered by His Excellency Sri R. Venkataraman, President of India, during the Diamond Jubilee Session (1990-91) was a timely reminder of the vision of late Pt. Jawaharlal Nehru to integrate science with the lives of the people; and the Academy left no stone unturned in pursuing its aim and objectives, which was appreciated by His Excellency Dr. APJ Abdul Kalam, President of India, in his address during the Platinum Jubilee Celebrations of the Academy in 2005. Dr. Kalam praised the role of the Academy in boosting the zeal of the budding scientists, who could do better in future with such support and endeavour.

The Academy undertakes several "science-society" programs under the guidance of its President, Past Presidents and Fellows. Prof. Ajoy K. Ghatak steered the programmes as the President in the year 2021-22, which was boosted further by Professor Balram Bhargava, current

President of the Academy. As its Past Presidents, very distinguished scientists like Prof. Manju Sharma, Prof. P.N. Tandon, Prof. Jai Pal Mittal, Prof. Ashok Misra, Prof. Asis Datta, Dr. K. Kasturirangan, Prof. Akhilesh K. Tyagi, Prof. Anil Kakodkar and Prof. G. Padmanaban are keenly associated with the Academy and enormously contributing to its development. It is worth mentioning that a few other Past Presidents (unfortunately who are not with us now), as Prof. M.G.K. Menon, Dr. V.P. Sharma, Prof. A.K. Sharma, Dr. T.N. Khoshoo, Prof. M. S. Swaminathan, Prof. U.S. Srivastava, Dr. A.P. Mitra, Dr. S.Z. Qasim, Prof. S.K. Joshi and Prof. V. P. Kamboj also contributed a lot to the development of science in general and the Academy in particular, in the recent past.

The Academy while starting with 57 ordinary Members and 19 Fellows, has now 1973 Members and 2039 Fellows from all parts of the country; including 16 Honorary Fellows and 118 Foreign Fellows from various disciplines of Science and Technology. The Academy is financially supported by the Department of Science & Technology, Ministry of Science & Technology, Govt. of India; and it is also recognized as the Scientific and Industrial Research Organisation by the DSIR, Govt. of India.

NASI - envisions the cultivation and promotion of Science & Technology in all its branches through -

- a) promoting scientific and technological research related to the problems of societal welfare;
- b) publication of proceedings, journals, memoirs, transactions and other works as may be considered desirable;
- organising meetings and hold discussions on scientific and technological problems;
- d) undertaking, through properly constituted committees and bodies, the scientific work(s) of technological or public importance
- e) co-operating with other organizations in India and abroad, having similar objects, and to appoint representatives of the Academy to act on national and international bodies;
- f) securing and managing funds and endowments for the promotion of science and technology;
- g) organising a Science Library;
- performing all other acts, matters and things that may assist in, conduce to, or be necessary for the fulfillment of the above mentioned aims and objects of the Academy;
- i) creating an adequate impact of the Academy all over the country, by opening Chapters of the Academy in other cities

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in the country, where reasonable number of Fellows and Members are available.

Elected Officers and Members of the Council for the year 2024

President

 Prof. Balram Bhargava, MBBS, MD, DM, FNASc, FACC, FAHA, FAMS, Former Secretary, Gol, Department of Health Research & DG, ICMR; Professor of cardiology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 211029

Past Presidents

- Prof. Ajoy Kumar Ghatak, PhD(Cornell), FNASc, Formerly MN Saha Distinguished Chair Professor, NASI, Prayagraj; Formerly Professor of Physics at IIT Delhi; Res. D-42, Hauz Khas, New Delhi-110016
- Prof. Manju Sharma, PhD, FNASc, FNAAS, FTWAS, FIAWS, Former Secretary, DBT; NASI-DST Distinguished Woman Scientist Chair Professor, B9/6476 (FF), Vasant Kunj, New Delhi-110070

Vice-Presidents

- 4. **Prof. Madhu Dikshit,** PhD, FNASc, FNA, FASc, FAMS, JC Bose National Fellow, THSTI National Chair; C-95, Sector M, Aliganj, Lucknow 226024
- 5. **Prof. Amit Roy,** PhD, FNASc, Former Director, IUAc; Flat 1A, Xenon Cooperative Housing Society, J 383 BP Township, Kolkata 700094

Treasurer

 Prof. Rama Shanker Verma, PhD, FNASc, Director & Professor, Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj - 211004

Foreign Secretary

7. **Prof. Vinod Kumar Singh,** PhD, DSc, FNASc, FNA, FASc, FTWAS, Professor, Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur - 208016

General Secretaries

- Prof. Jayesh R. Bellare, PhD, FNASc, FNAE, FEMSI, FMAS, Institute Chair Professor, Department of Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai- 400076
- Prof. Daya Shankar Pandey, PhD, FNASc, FNA, FASc, JC Bose National Fellow, Professor, Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi - 221005

Members

10. **Prof. Mitali Chatterjee,** MD, PhD, FNASc, FNA, FASc, FAMS, FRCP(London), FTWAS, Professor & Head, Department of

Pharmacology, Institute of PG Medical Education and Research, 244 Acharya JC Bose Road, Kolkata - 700020

- Prof. Srinivasa Rao Cherukumalli, PhD, FNASc, FNA, FNAAS, FISSS, FISPRD, Director, ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad - 500030, Telangana
- Prof. Pramod Kumar Garg, MBBS, MD, DM, FNASc, FNA, FASc, FMAS, FRCP(Glasg), Professor & Head, Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi – 110029; Former Executive Director, THSTI
- Prof. Anup Kumar Ghosh, PhD, FNASc, Emeritus Professor, Department of Materials Science & Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016
- Prof. Smita Dilip Mahale, PhD, FNASc, FNA, ICMR Emeritus Scientist and Formerly Director, NIRRCH; Jehangir Merwanji Street, Parel, Mumbai - 400012
- Prof. Ranjan Kumar Mallik, PhD, FNASc, FNA, FNAE, FASc, FIEEE, FIET(UK), FIETE, FTWAS, FIE(I), Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016
- Prof. Chintalagiri Mohan Rao, PhD, FNASc, FTWAS, FNA, FASc, FAPSc, Distinguished Scientist & JC Bose National Fellow, Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad -500007
- 17. **Prof. Anirban Pathak**, PhD, FNASc, FIETE, Professor, Department of Physics and Materials Science & Engineering, Jaypee Institute of Information Technology, Noida 201309
- Prof. Manoj Prasad, PhD, FNASc, FNA, FNAAS, Staff Scientist-VII & JC Bose National Fellow, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, JNU Campus, New Delhi -110067
- 19. **Prof. Sheo Mohan Prasad,** PhD, FNASc, Professor, Ranjan Plant Physiology & Biochemistry Lab, Department of Botany, University of Allahabad, Prayagraj 211002
- Prof. Latha Rangan, PhD, FNASc, FBRS, Senior Professor, Department of Biosciences & Bioengineering, Indian Institute of Technology, Guwahati - 781039
- 21. **Prof. Rohit Srivastava,** PhD, FNASc, FRSC(London), FRSB (London), FNAE, FAMS, Himanshu Patel Chair Professor, Department of Biosciences and Bioengineering, IIT Bombay, Powai, Mumbai 400076;
- 22. **Prof. Pramod Tandon,** PhD, FNASc, FBS, FLS, FISEB, NASI Honorary Scientist, Former CEO, Biotech Park, Lko; Res. D-802, Shalimar Gallant, Vigyanpuri, Mahanagar, Lucknow 226006;

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23. Prof. Seikh Mohammad Yusuf, PhD, DSc(hc), FNASc, FNA, FASc, FMASc, Director, Physics Group, Bhabha Atomic Research Centre, Trombay, Mumbai - 400085

24. Secretary DST Nominee

Important Highlights of Major Programmes/Activities (in past five years):

The Academy (NASI) organized various activities under the Presidentship of Prof. G. Padmanaban, Prof. Ajoy Ghatak and Prof. Balram Bhargava, during the past five years. The Past Presidents, namely late Prof. M.S. Swaminathan, Prof. (Mrs.) Manju Sharma, Prof. Ashok Misra, Prof. Asis Datta, Dr V. P. Kamboj, Prof. J.P. Mittal, Dr. K. Kasturirangan and Prof. Anil Kakodkar also took keen interest in the dissemination of science in general and the development of the Academy, in particular. The noteworthy accomplishments with the kind cooperation of its Fellows and Members, and major financial support of the DST, New Delhi, are as follows:

Publications

- NASI published the Proceedings of NASI, Sec. A & B, each in IV parts and National Academy Science Letters in VI parts, in collaboration with the Springer Nature, every year.
- National Academy Science Letters received Impact Factor (IF) as 1.0 in 2023 from Thomson Reuters; about 600 papers were received from thirty countries/regions every year.
- PNASI, Sec. A received Impact Factor (IF) as 1.1 in 2023 from Thomson Reuters; and about 350 papers were received from twenty five countries/regions every year.
- The PNASI, Sec. B received Cite Score as 3.0 in 2023 from Scopus; and about 500 papers were received from thirty seven countries/regions every year.
- Two special publications were released on 5th Oct. 2019 at New Delhi on the occasion of the "Closing Ceremony of the Anniversary Celebrations of 'Ba & Bapu' and Prof. Meghnad Saha". These were the collection of the Lectures delivered (in the memory of these three great personalities of the world) by the distinguished persons in different parts of the country.
- An important book on "Vector Biology and Control" was also published in 2020.
- A special issue on 'Advances in Memory Materials' was also published in 2023.

Science Education/Communication Activities:

NASI-HQ and it's 22 Chapters spread across India, are organising several science education/communication activities (presently on WEB) in and around their respective regions. More than two dozen Institutes/Laboratories/Educational Institutions (as IITs, NCSM, Medical Colleges, Universities, CBSE, DNA Clubs etc.) are associated with NASI in organising these programmes. It is expected that more than one lac students and teachers would be benefitted from these activities/webinars focused on 'Poshan (Nutrition)', COVID Entrepreneurship Development Appropriate Behaviour, Atmanirbhar/Viksit Bharat (in consonance with the national programmes announced/undertaken by the Hon'ble Prime Minister of India).

<u>Activities under Joint Women Panel of three National Science Academies:</u>

NASI is heading this joint panel of three National Science Academies under the leadership of Prof. Manju Sharma, Past President, NASI & former Secretary to the Gol. Several sensitization programmes for the women of urban as well as rural areas have been organized by NASI covering several states all across the country. Publications have also been brought out on different aspects related to women empowerment and widely circulated. A Vision Document has also been prepared by this panel. The programme is going on with full vigour and hopefully more national workshops will be organised in the coming years.

Research Projects being undertaken by the NASI-Chairs & Senior Scientists:

NASI has undertaken during the period several important research works/projects led by its Distinguished Chairs and the Senior/Hony. Scientists, aimed towards the development of science in general and the society, in particular. Due to their noteworthy contributions, the NASI has been recognised as SIRO by the DSIR, Ministry of Science & Technology, GoI. The detailed reports have been sent to the DST (as a part of the Annual Reports of NASI); and also available on the website of NASI- nasi.org.in

S&T Entrepreneurship development

 Training programs for entrepreneurs – To inculcate the spirit of entrepreneurship in the youth and in line with the National Mission Programmes of Skill Development and Start Up The Academy 7

India, NASI organised programmes with 'Hands-on training' in different parts of the country.

- Awareness and Training on Nutrition, Safe drinking water, Health & hygiene etc. A mixed participation of rural and urban population was ensured. This was included in the spirit of "Swasth Bharat Mission".
- Safe drinking water and pollution abatement especially for the rural areas and municipal workers. This was included in the spirit of "Swachh Bharat Mission". Vth Brain Storming on Safe Water & Sanitation was organised at MPCOST Bhopal in Sept. 2019; a large number of scientists, municipal workers, researchers and others attended the brainstorming sessions.

Activities under Scheduled Tribe Sub-Plan Programmes:

A Mega Event on the 'Science & Technology Intervention for the Tribal Welfare' was held at ILS, Bhubaneswar on Feb. 24-25, 2020, in which about 300 participants attended from all across the country representing 22 Tribal Welfare Centres established by NASI.

Annual Session/Symposia/Seminars & Scientific Discussions

Every year the Annual Session along with a symposium on current scientific topic is organised in a centre of excellance. These attract more than 500 scientists and researchers from different fields of science & technology who present their scientific papers having latest research in their respecitive fields. The 89th Annual Session and a Symposium on 'Science and Technology based Entrepreneurship Development', was held in December 2019 at NAARM, Hyderabad. The 90th Annual Session and a symposium on 'Towards a New Healthcare regime for the Nation' was organised on WEB (due to COVID-19 pandemic) on Feb. 25-27, 2021. The 91st Annual Session and a Symposium on 'Interface between Biological and Physical Sciences towards Atmanirbhar Bharat' was organized on Dec. 4-6, 2021. The 92nd Annual Session and the Symposium on 'Science & Technology - a vehicle for social transformation' was organised at NASI, Prayagraj on Dec. 4-6, 2022. The 93rd Annual Session along with symposium on 'India Secure@75' was organised at Bhabha Atomic Research Centre, Mumbai during December 3-5, 2023. The 94th Annual Session along with a symposium is proposed to be held at IISER, Bhopal during December 2024.

Besides, symposia/seminars are also organised throughout the year on the topics of scientific and societal interest. The Birth Centenary celebration of Prof. Vikram A. Sarabhai organised at I.I.Sc., Bangalore on 16th Nov. 2019, was attended by Dr. K. Sivan,

Chairman, Space Commission, India; and 4 former Chairmen of the Sace Commission, as well as several other distinguished scientists.

Fellowship / Membership

To recognize the outstanding scientific contributions of the scientists, the Academy awarded every year the prestigious Fellowship and Membership of the Academy to more than **100** scientists working in different areas of Science & Technology all across the country. It also awarded a few Foreign Fellowships to scientists who are working in different countries and have collaborated with scientists from India.

<u>Science Education Programmes in joint collaboration with</u> National Science Academies

NASI, together with other two Science Academies - Indian National Science Academy, New Delhi and Indian Academy of Sciences, Bangalore jointly sponsors the Summer/Winter Research Fellowship under the joint Science Education Panel to provide opportunities to bright UG and PG students and teachers to usefully spend their summer/winter vacations.

<u>Recognition and Awards</u>- Several awards were given in past few years, just to name a few:

- NASI-Reliance Industries Platinum Jubilee Awards for the Application Oriented Innovations covering both Physical and Biological Sciences to five/six distinguished scientists;
- NASI-Young Scientist Platinum Jubilee Awards to about twenty young scientists/researchers in the fields of Biological/Physical/ Chemical Sciences;
- NASI-Senior Scientist Platinum Jubilee Fellowships;
- Professor M. G. K. Menon Memorial Award
- NASI Swarna Jayanti Puruskars for Best Paper Presentation to about four young scientists/researchers, during the Annual Sessions;
- Memorial Lecture Awards to about 15 eminent scientists every year;
- NASI Science and Maths Teacher Awards by NASI HQ & Chapters to many teachers.

Major Accomplishments (in past few years):

Apart from the aforementioned activities/accomplishments, the Academy has got unique recognistion in working extensively for preservation of water and establishment of River Galleries to make the people aware about the need and importance of water. It

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established three River Galleries (1) Ganga Gallery at Prayagraj (2) Brahmaputra Gallery at Guwahati and (3) Cauvery Gallery at Mysuru. NASI also scientifically rejuvenated the *baolies* (step-wells) of about 200 years ago at Bundelkhand area of Madhya Pradesh with the scientific support of MPCOST, Bhopal and the BARC, Mumbai. All these facilities have been dedicated to the Nation.

Major and Unique National Facilities created (in past few years):

Apart from the aforesaid national facilities (as mentioned in Major Accomplishments), the Academy (NASI) also has a well-equipped auditorium of about 200 persons capacity; a committee room with all WEB facilities for holding webinars; a rich library and a Council Room for holding meetings.

Important collaborations (national and global) established (in past few years):

- NASI together with other two Science Academies Indian National Science Academy, New Delhi and Indian Academy of Sciences, Bangalore is jointly sponsoring the Summer Research Fellowship under the joint Science Education Panel
- Continuing its established collaboration with the Reliance Industries, SCOPUS and Springer, for recognizing the talent in scientific research.
- Also organized many science communication/popularization activities in collaboration with the Indian Universities/ Institutes/CSIR Laboratories/ NCSM and other prestigious institutions.



NASI-HQ AT PRAYAGRAJ, UP, INDIA

RULES AND REGULATIONS

The National Academy of Sciences, India

(With which is incorporated 'The Academy of Sciences of the United Provinces of Agra and Oudh')

FOUNDED IN 1930 (Registered under Act XXI of 1860)

(Note: Revised Rules & Regulations/Bye-laws etc. approved in the AGM of NASI in December 2019, would be adopted after the DST's approval.)

RULES

A-NAME AND OBJECTIVES

- 1. The Society shall be named and styled "The National Academy of Sciences, India".
- 2. The objectives of the Academy shall be-
 - (a) the cultivation and promotion of SCIENCE AND TECHNOLOGY in all its branches, leading to cultural improvement by contributing to human knowledge;
 - (b) to promote scientific and technological research related to the problems of societal welfare;
 - (c) to publish such proceedings, journals, memoirs, transactions and other works as may be considered desirable;
 - (d) to organise meetings and hold discussions on scientific and technological problems;
 - (e) to undertake, through properly constituted committees and bodies, the scientific work(s) of technological or public importance;
 - (f) to co-operate with other organizations in India and abroad, having similar objects, and to appoint representatives of the Academy to act on national and international bodies;
 - (g) to secure and manage funds and endowments for the promotion of science and technology;
 - (h) to organise a Science Library;
 - to do and perform all other acts, matters and things that may assist in, conduce to, or be necessary for the fulfillment of the above mentioned aims and objects of the Academy;

(j) to create an adequate impact of the Academy all over the country, it may open Chapters of the Academy in other cities in the country, where reasonable number of Fellows and Members are available (See Appendix 'A').

B-CONSTITUTION

- The Academy shall consist of Patron, Benefactor(s), Fellows, Honorary Fellows, Foreign Fellows and Members.
- 4. (a) The Rajyapal of Uttar Pradesh shall be the Patron, ex-officio.
 - (b) Benefactor(s), shall be the person(s) or organization(s) contributing Five lacs rupees or more to the funds of the Academy. They shall enjoy all the rights and privileges of Members.
- 5. **Fellows**: There shall be Fellows, Honorary Fellows and Foreign Fellows;
 - (a) **Fellows**, whose number shall not exceed 3000, will be elected on the basis of distinguished contributions to new knowledge and for promotion and application of Science & Technology for social welfare. They shall be elected on the basis of their scientific contributions in terms of documentation, publications, patents etc. However, everything being equal, special attention may be given to the women scientists. In case of scientists working in National Security Areas, e.g. DRDO/DOS/DOAE etc. their overall contribution to the progress of that field may be given special consideration.

In addition to Indian scientists and Overseas Citizens of India, distinguished Non-Resident Indians, having Indian citizenship who have outstanding research work to their credit, may be nominated and be considered for the Fellowship of the Academy.

The procedure for election to the Fellowship will be laid down by Regulations.

- (b) **Honorary Fellows**: Honorary Fellows will be elected by the Council of the Academy on a restricted basis for their most distinguished service to the cause of Indian Science.
- (c) Foreign Fellows will be foreign scientists (who are nationals of foreign countries); and will be elected on the basis of their distinguished contributions to science and technology, taking into consideration their connection with and contribution to Indian Science.
- 6. **Members** shall be persons enrolled in accordance with the regulations of the Academy.

C-PRIVILEGES

- 7. **All Fellows** of the Academy shall be entitled to the following privileges-
 - (a) to attend and to vote at all General Body Meetings;
 - (b) to propose and second motions at the General Body Meetings:
 - (c) to receive, gratis, one copy of the Proceedings (Section A and/or B), and of such other publications of the Academy as the Council may determine;
 - (d) to have access to the Library of the Academy;
 - (e) to present scientific papers and participate in the scientific meetings of the Academy, as per the norms:
 - (f) The Fellows may propose names for Fellowship and Membership and would be eligible for election as Officers of the Academy and Members of the Council. All Fellows duly admitted to the Academy would be entitled to write the letters FNASc after their names.
 - (g) All Members of the Academy shall be entitled to the privileges enjoyed by the Fellows as enumerated in Rule 7 (a) to (e).
 - (h) All those Members who were enrolled Members in 1996 or thereafter would be entitled to write the letters MNASc after their names.

D-ELECTION/SELECTION AND ADMISSION OF FELLOWS AND MEMBERS

8. Fellows, Honorary Fellows, Foreign Fellows and Members shall be elected/selected in accordance with Regulations.

E-OBLIGATIONS TO BE SIGNED BY THE FELLOWS AND MEMBERS

9. Every person elected a Fellow/Honorary Fellow/Foreign Fellow or selected a Member of the Academy shall, before admission, subscribe the following Obligation —

"We, do hereby promise, that we will strive to promote the good of the National Academy of Sciences, India for improving national culture through contributions to Science and Technology, and to pursue the ends for which the same was founded; that we will carry out, so far as we are able, those actions requested of us in the name of the Academy; and that we will observe the Rules and Regulations of the Academy, provided that, whensoever any of us shall signify to the President under our hands, that we desire to withdraw from the Academy, we shall be free from this Obligation for the future."

And if any person elected/selected shall refuse to subscribe to the said Obligation, the election/selection of that person shall be void.

F-CESSATION OF FELLOWSHIP/MEMBERSHIP

- Any Fellow or Member may withdraw from the Academy by giving reason through a letter addressed to the President.
- 11. A letter of withdrawal may be cancelled, at the request of the sender, within six months of its receipt by the Secretariat.
- 12. If any Fellow or Member of the Academy wilfully disobeys Rules and Regulations of the Academy, or commits wilful breach of order at any of the General Body Meetings, or having unwillingly committed, persists

in any disobedience or breach of order, after having been admonished by the President, or if for any other reason e.g. unethical behavior, indulgence in immoral acts, plagiarism, misconduct etc., whenever there appear such causes, as aforesaid, for the removal of a Fellow or a Member from the Academy before the Council that the name of a Fellow or Member shall not remain on the rolls, she/he shall be liable to be removed from the Academy, after providing her/his an opportunity to present her/his case to the President/Committee appointed for this purpose. If a majority of the Council after due deliberation, determines, by ballot, to propose to the Academy the removal of the said Fellow or Member, the President shall at a General Body Meeting of the Academy announce from the Chair such determination of the Council, and at the following Annual General Body Meeting, the proposition shall be admitted to ballot. If three fourths of the Fellows and Members present, and voting at such Annual General Body Meeting, vote for the removal of such Fellow or Member, she/he shall be removed from the Academy.

G-THE COUNCIL AND ITS OFFICERS

- 13. The administration, direction and management of the affairs of the Academy shall be entrusted to a Council. The composition of the Council of the Academy shall be as given below-
 - (i) President (1)
 - (ii) Two past Presidents of whom one shall be the Immediate Past President (2)
 - (iii) Two Vice-Presidents one would be from Prayagraj or from a place within a distance of 250 km from Prayagraj and the other would be from outside this region (2)
 - (iv) One Treasurer from headquarters (1)
 - (v) Two General Secretaries of whom one would be from Prayagraj or from a place within a distance of 250 km from Prayagraj and the other would be from outside this region (2)
 - (vi) One Foreign Secretary (1)

(vii) Fourteen Members from 5 zones* of which at least one should be from each zone (14) Total (23)

(viii) In addition to the 23 members who would constitute the Council as given in Rule 13 above, the President will have the privilege of nominating any 3 Fellows as special invitees to the Council whose presence in the Council, in the opinion of the President, would be invaluable. Such invitees may be nominated by the President after her/his election. The invitees will hold office co-terminus with the President nominating them.

Further, the Chief Editors of the regular publications of the Academy (i.e., PNASI & Sci. Letters), and the nominee of the Secretary to the Government of India, Department of Science & Technology, New Delhi shall also be the special invitees to the Council. The condition of break (as para 16 below) will not be applicable to the special invitees; but they shall not have the right to vote.

*Five Zones:

- Zone 1: Bihar, Jharkhand, Odisha, West Bengal, Meghalaya, Assam, Mizoram, Nagaland, Arunachal Pradesh, Tripura, Manipur and Sikkim.
- Zone 2: Gujarat, Maharashtra, Goa, Daman & Diu, Dadar & Nagar Haveli and Rajasthan.
- Zone 3: Andhra Pradesh, Telangana, Karnataka, Kerala, Tamilnadu, Puducherry, Andaman & Nicobar Islands and Lakshadweep.
- Zone 4: Uttar Pradesh, Uttarakhand, Chattisgarh and Madhya Pradesh.
- Zone 5: Delhi, Haryana, Punjab, Jammu & Kashmir, Himachal Pradesh and Chandigarh.
- NOTE: The number of zones and their geographical jurisdiction may be redetermined by the Council from time to time.
- 14. The President, the Vice-Presidents, the Treasurer, the two General Secretaries and the Foreign Secretary shall be called the Officers of the Academy.

- 15. (i) Any Fellow of the Academy can be considered for the office of the President and the 2 year break condition will not be applicable to the office of the President.
 - (ii) The offices of the Treasurer, General Secretaries, Foreign Secretary and membership of the Council shall be filled by Fellows of the Academy only.
- 16. The nomination of the Officers and Members of the Council shall take place in accordance with the regulations of the Academy. The President, the two Vice-Presidents, the Foreign Secretary, Treasurer and General Secretaries shall be nominated for a term of 2 years; the Treasurer and General Secretaries can be renominated for another term of 2 years. The term of all the Council Members shall be for a 2 years period followed by at least 2 years break for re-induction into the Council except as President.
- 17. The Treasurer and the two General Secretaries shall hold office until a successor has assumed charge.

18. The powers and duties of the Council shall be as follows-

- (a) to manage the affairs of the Academy, and to make such Regulations as may appear to it conducive to the good administration of the Academy and the attainment of its objects, provided that such Regulations be not inconsistent with anything contained in these Rules;
- (b) to approve the annual Budget of the Academy as presented by the Treasurer on behalf of the Standing Finance Committee and to approve such other expenses as it may deem fit in the interest of the Academy;
- (c) to superintend and direct the publication of the Proceedings or other journals and works published by the Academy;
- (d) to appoint as many salaried officers and employees as may be deemed necessary; to define their duties, allowances, salaries and privileges; and to punish, suspend or dismiss them, or to dispense with their services, as per Bye-laws of the Academy;
- (e) to exchange any property or otherwise dispose of any books, journals, maps, specimens, etc.

- belonging to the Academy, in such a manner as may, in its opinion, be best conducive to advance the objects and interests of the Academy;
- (f) to prepare and submit to the Annual General Body Meeting a Report on the activities and matters of general concern to the Academy. Such report shall include the balance sheet for the year and shall set forth the income and expenditure for the financial year, the balance in hand, the debts and assets, the profit or losses to the Academy;
- (g) to exercise general supervision over the employees and affairs of the Academy, and to assist in carrying out the Rules and Regulations of the Academy and Orders made by the Council;
- (h) in conformity with the provisions of the Registration Act, No. XXI of 1860 (Sections 9 and 10), under which the Academy has been registered, the Council is empowered to take legal proceedings under the Act for the recovery of any sums due to the Academy or for other matters in the interest of the Academy.

19. The powers and duties of the President shall be as follows:

- (a) to preside over all meetings of the Academy and of the Council and to regulate the proceedings at such meetings;
- (b) to ensure that due effect is given to the Rules and Regulations;
- (c) to be ex-officio Member of all the Committees appointed by the Council.
- 20. In the absence of the President for any reason, one of the Vice-Presidents shall perform the duties of the President.

21. The duties of the General Secretaries shall be as follows:

- (a) to correspond on behalf of the Academy, and to sign letters and papers on behalf of the Academy;
- (b) to attend all the Meetings of the Academy and of the Council; to record minutes of the proceedings of such Meetings, and at the commencement of every

- such Meeting, to read the minutes of the previous Meeting;
- (c) to prepare and maintain an up-to-date list of Fellows and Members of the Academy;
- (d) to maintain, or cause to maintain all the proceedings of the Academy and of the Council before the following Meeting, and to see that all letters and papers and documents of every kind connected with the business of the Academy are properly filed and preserved;
- (e) to sue and be sued in the name and on behalf of the Academy;
- (f) to exercise general supervision over the employees and affairs of the Academy, and to assist in carrying out the Rules and Regulations of the Academy and Orders made by the Council;
- (g) to sanction payments on behalf of the Academy as per the Rules/Bye-Laws; and provisions within limits prescribed by the budget approved by the Council or sanctioned otherwise by the Council. Provided that for expenditure on items other than those covered by the budgetary provisions, sanction of the Council would be necessary.
- (h) to be ex-officio Member of all Committees appointed by the Council:
- (i) One of the General Secretaries shall attend and act as Secretary to the Meetings of Fellows prescribed in the Regulations and General Body Meetings. The two General Secretaries shall by mutual agreement divide the duties assigned to them with the approval of the President of the Academy.
- 22. **The Duties of Treasurer**: The Treasurer shall receive and hold for the use of the Academy all money paid to the Academy. She/he shall disburse all sums due from the Academy duly sanctioned by the appropriate authorities and shall keep accounts of all such receipts and payments.

Provided that the Council may delegate and authorize on a proposal by the Treasurer, by a resolution, powers of payments to such employees of the Academy as it may deem fit for certain accounts.

Provided further that all such payments made by the employees will be reported to the Treasurer within a fortnight of the payment.

Provided further that such payments made by an employee will not exceed Rs. 5000/- under any head.

- 23. All the sums received by the Academy shall be deposited in any of the forms and modes of investment(s) or deposit(s) as prescribed under section 11(5) of the Income Tax Act 1961.
- 24. The Academy may formulate its own service rules, leave rules, T.A. rules etc. In absence of any specific rule, the decision shall be taken by the Council.

H-MEETINGS OF THE ACADEMY

- 25. General Body Meetings of the Academy which the Fellows, Members and Benefactors, would be entitled to attend shall be of three kinds:
 - I. Ordinary Meetings of the General Body
 - II. Extraordinary Meetings
 - III. Annual General Body Meeting
- 26. The following Rules shall be applicable to all the above mentioned meetings of the Academy-
 - (a) Seven Fellows and/or Members shall constitute a quorum.
 - (b) The President or, in her/his absence, one of the Vice-Presidents shall take the Chair; if neither the President, nor any of the Vice-Presidents be present, on the expiration of fifteen minutes after the hour fixed for the Meeting, Fellows and Members, present shall elect a Chairperson.
 - (c) The business of each Meeting shall be proceeded with in the order hereinafter prescribed in Rules 28 and 29, provided always that on written notice being given to the President or General Secretaries, not less than 48 hours before the hour of Meeting, a motion of the immediate transaction of urgent business may be made; and if such motion be seconded and carried, this rule shall be suspended.
 - (d) With the exception mentioned in the above para of Rule 26, notice of motion on any matter of importance shall be given at the General Body

Meeting preceding that on which the subject is to be disposed of, in order to provide opportunity to the Fellows and/or Members who take an interest in the question of informing themselves regarding it and expressing their dissent; and no motion outside the agenda, of which notice has not been given, shall be carried at the Meeting at which it is proposed, if the President or Chairman of the Meeting rules that it shall be postponed.

- (e) All motions for the amendments, except those emanating from the Council, shall require to be seconded. Amendments must be in writing, unless excused by the Chairman. Not more than a single amendment to the original motion shall be laid before the Meeting at one time. When any such amendment has been negated, or has been allowed to take the place of the original motion, other amendments involving fresh points may be proposed.
- (f) The usual method of voting shall be by show of hands.
- (g) The Chairman's decision on the show of hands shall be final unless a division is called for. Any Fellow or Member present may call for a division.
- (h) The Chairman shall not vote with the rest of the Members; but when the votes for and against are equal, she/he shall have a casting vote.
- 27. The Annual General Body Meeting of the Academy shall be held under the following Rules and for the transactions of the following business-
 - (a) The Academy shall hold an Annual Session in a centre of learning at which research papers received from members will be presented and discussed; technical and popular lectures by eminent scientists will be arranged and Symposia/Seminars/Workshops may be held.
 - (b) The Session will be held preferably in December, failing which on dates decided upon by the Council in consultation with the host institution.

(c) Awards instituted by the Academy would ordinarily be presented during this Annual Session.

- (d) Circulars for the Annual Sessions will be sent to members at least four months in advance in which the last date for the receipt of papers to be presented will be clearly indicated.
- (e) During the Annual Session, the General Body Meeting of the Academy shall be held. At this meeting, the following business shall be transacted:-
- (i) The Annual Report on the functioning of the Academy will be presented in accordance with Rule 18 (f).
- (ii) Election of the Officers and Members of the Council of the Academy for the ensuing year as provided under the Regulations.
- (iii) Consideration of recommendations of the Council regarding framing of rule(s), changing of rule(s) or modifying of rule(s) of the Academy, if any, as provided under Rule 32.
- (iv) Such other business of which at least 15 days notice has been given by Fellows and Members.
- (v) Any other matter with the permission of the Chair.

I-MEETING OF THE COUNCIL AND OF COMMITTEES APPOINTED BY THE COUNCIL

- 28. The following Rules shall be applicable to Meetings of the Council-
 - (a) Ordinarily, four meetings of the Council will be held, one in each quarter of the year.
 Other meetings and emergency meetings may be held as and when considered necessary.
 - (b) The President, on her/his own or when requested by five or more members of the Council, would call a Special Meeting of the Council, for which due notice shall be given to all members.
 - (c) Five members shall form the quorum.
 - (d) The President, or in her/his absence, one of the Vice-Presidents shall take the Chair. If neither the President nor any one of the Vice - Presidents, be present within fifteen minutes after the hour appointed for the Meeting, the Members present

- shall elect a Chairman from amongst the members present.
- (e) The ordinary method of voting shall be by show of hands, but the votes shall be taken by ballot on motion to this effect duly carried, or when these Rules provide for such method of voting.
- (f) The President shall not vote with the other Members, but when the votes are equal, she/he shall have a casting vote.
- (g) Minutes of the proceedings of every meeting of the Council shall be taken during their progress by a General Secretary, or in the absence of both the General Secretaries, by some Member present whom the Chairman shall appoint for the purpose. The Minutes shall afterwards be circulated to the Members present at the Meeting for the purpose of ascertaining their correctness.

29. The order of business at the meetings of the Council shall be as follows-

- (a) The Minutes of the last Meeting shall be read and if found correct shall be confirmed by the Members and signed by the General Secretary and the President; if objected to, on the ground of incorrectness, they shall be amended on motion made and carried to this effect.
- (b) Action taken in respect of the earlier decisions of the Council to be reported.
- (c) Election of new members of the Academy as provided under Rule 8, to be announced.
- (d) The gifts made to the Academy since its last Meeting shall be announced and exhibited.
- (e) Reports and communications from the Council shall be read in the order prescribed by the Council.
- (f) Other matters pertaining to the activities and progress of the Academy.
- (g) The Chairman shall have the power, when she/he considers that the Meeting has been unduly prolonged, to order any uncompleted business to stand over to the next Meeting.
- 30. The Council may nominate Committees or Sections for the consideration of special matters.

These may specifically include the following-

- (i) Fellowship Scrutiny Committees to scrutinize nominations for Fellowship and make recommendations to the Council.
- (ii) Membership Scrutiny Committee to scrutinize nominations for Membership and make recommendations to the Council.
- (iii) Committees for screening nominations for various awards, lectureship etc. instituted by the Academy.
- (iv) Standing Finance Committee, and Administrative Committee.
- (v) Editorial Boards of the Periodicals of the Academy.
- (vi) Organizing Committees for Symposia, Conferences etc.
- (vii) Such other Committees as the Council may find necessary for specified purposes. Provided that the General Secretaries would be exofficio members of all the Committees.
- 31. The Committees shall report all decisions on matters referred to them to the Council.
- 32. Procedure for framing and amending the Rules The Council may frame and amend the Rules of the Academy as may be required in the interest of smooth functioning of the Academy.

The Rules, thus proposed by the Council, shall be placed before the Annual General Body Meeting of the Academy for consideration and approval. On approval in the Annual General Body Meeting, the Rules shall immediately come into force and shall be incorporated in the Year Book of the Academy.

If the Annual General Body Meeting does not approve of the Rules as framed by the Council, the same would be referred back to the Council for reconsideration.

REGULATIONS

REGULATIONS REGARDING ELECTION AND ADMISSION OF FELLOWS

These regulations to be read as follows:

- There shall be a Meeting of Fellows at the time of Annual Session for which two week's notice shall be given. In this meeting, the number of Fellows to be elected next year shall be decided.
- 2. Up to a maximum of 4 Fellows may also be elected in the area of 'Science and Society' in any year in addition to the number of Fellows to be elected during the year, for their exceptional contributions in extending scientific and technological advances for the benefit of the society, and having a visible impact.
 - A Committee will scrutinize the nominations and shall send its recommendation to the approval of the Council, NASI. The Committee shall be chaired by the Presidents' nominee from among the Past Presidents, NASI; and include the following: (i) Presidents' nominee from among the Past Presidents, NASI, (ii & iii) Two Past Presidents of NASI, one each from Biological Sciences and Physical Sciences, (iv & v) Convenors of area panels for Biological Sciences and Physical Sciences of the Fellowship Scrutiny Committee, (vi) a Fellow from the 'Science & Society' category, and (vii) one of the General Secretaries as the Member-Secretary.
- 3. Blank nomination papers for Fellowship and Foreign Fellowship shall be sent by the General Secretary to each Fellow not later than 15th January each year.
- 4. A Fellow may nominate up to three candidates each year for election to the Fellowship of the Academy.
- Nominations made for the Fellowship of the Academy shall remain in good standing for a period of five years.
 - A scientist whose nomination for Fellowship has remained in good standing for a period of 5 years and who is not elected during this period, may be renominated after a gap of 2 years.
 - During the period that a nomination remains in good standing, it should be updated every year. The General Secretary (HQ) will write to one of the Fellows who has

nominated the candidate to update the biodata of the nominee.

- 6. Nomination papers would be received in the Academy by the 15th April every year, duly filled and signed, and addressed to the General Secretary, and no paper received after this date shall be considered in that year. If 15th April happens to be a postal holiday the next working day would be the last date.
- 7. Each candidate shall be nominated and seconded by a Fellow of the National Academy of Sciences, India. The proposer should preferably belong to the same field of specialization as the nominee; and he/she shall certify that he/she is personally acquainted with the scientific contribution of the candidate.
- 8. Any candidate who canvasses for support for her/his candidature, shall be disqualified from election.
- 9. A list of scientists duly nominated with their qualifications shall be compiled from the nomination papers by the General Secretary and put on the website of the Academy; a hard copy would be sent to the members of the Scrutiny Committee, one month in advance.

The Fellowship Scrutiny Committee will scrutinize the nominations and shall send its recommendations to the Council. The Council will further scrutinize the recommendations of the Scrutiny Committee and shall have the power to delete any name from the list; but it can not add any new name.

The list approved by the Council shall be printed and circulated as a voting paper and sent out to every Fellow not later than the 15th August.

- 10. The Fellows shall then vote by placing a cross against the names of those they wish to be elected.
- 11. The voting paper indicating the number of vacancies, shall be enclosed unsigned in a sealed envelope, which shall be forwarded to the General Secretary in an outer cover with a covering letter signed by the Fellow, so as to reach the Academy by the 15th September. In the absence of a covering letter a voting paper shall become invalid.
- 12. There shall be a Meeting of the Fellows in September/ October on two week's prior notice. At this Meeting the sealed envelopes shall be opened and counted as per the

- directions of the Chairman. The Chairman will be elected from among themselves by the Fellows present in the meeting.
- 13. For meetings of Fellows, seven Fellows shall constitute the quorum.

REGULATION REGARDING ADMISSION OF HONORARY FELLOWS

Only such individuals who have distinguished themselves by their intellectual achievements/leadership/creativity in a chosen field of work, which has led to the progress of science, may be admitted as Honorary Fellows.

Nominations for Honorary Fellowship duly supported by a statement giving reasons there of would ordinarily be made in the meeting of the Council to be held in the month of July. The nominations after being duly circulated to members of the Council would be placed in its next meeting for approval.

REGULATIONS REGARDING ELECTION AND ADMISSION OF FOREIGN FELLOWS

These regulations to be read as follows:

- Fellows of the Academy may nominate distinguished scientists from foreign countries (who are nationals of foreign countries), for election to the Foreign Fellowship of the Academy.
- 2. The maximum number of Foreign Fellows shall be 125, with admission of ordinarily not more than 5 Foreign Fellows in any one year.
- Apart from being a distinguished scientist, a nominee must be associated with the development of science in India and associated with Indian scientists as evidenced by collaborative programmes with them, training of Indian scientists, participation in Indian scientific programmes, visits to India for participation in conferences, consultancy, programmes, etc.
- 4. Nominations must be accompanied with detailed information regarding the scientific contributions of the nominee, her/his biodata and evidence of the nominee's involvement in the development of Science and Technology in India. The Fellow making the nomination

- will provide details and certify about the nominee's involvement with Indian science and scientists.
- 5. Nominations must reach the Academy by 15th April every year.
- The nominations will be first placed before the respective Fellowship Scrutiny Committee at its meeting in July. The recommendations of the Fellowship Scrutiny Committee will then be deliberated upon in the Council. The Council may also consider new names proposed by Council Members.
- The names approved by the Council for Foreign Fellowship would be printed and circulated as voting paper and sent out to the Fellows for voting not later than 15th August.
- 8. Regulations regarding the despatch, voting, receipt, opening and counting of the voting papers would be the same as in the case of Fellows.

REGULATIONS REGARDING ADMISSION OF MEMBERS

The following are the criteria for admission of members:-

- (i) Scientists for Membership shall be nominated by a Fellow and seconded by another Fellow of the Academy, on the basis of personal knowledge of the nominees scientific contributions. These nominations shall be deliberated upon by the Membership Scrutiny Committee appointed by the Council. Its recommendations shall be placed before the Council in its meeting in April. Scientists approved by the Council for the membership would be enrolled as Members of the Academy on payment of the necessary dues as Members.
- (ii) High academic qualifications in any discipline of Science & Technology e.g. Ph.D., D.Phil., M.Tech., M.D., M.S., and equivalent qualifications.
- (iii) Evidence of active involvement in Science and Technology activities.
- (iv) Documented evidence of high quality research publications in peer reviewed national and international journals.
 - and/or evidence of exceptional ability as a teacher or involvement in 'Science Promotion'/'Science Popularization Programmes'.

(v) The total number of members shall not exceed 2000.

REGULATIONS REGARDING NOMINATION TO VACANT OFFICES AND THE MEMBERSHIP OF THE COUNCIL

 A list of vacancies, including those for Officers of the Academy and Members shall be prepared in the meeting of the Academy's Council in April every year and the nominations shall be invited from Fellowship only for designated vacancies.

The General Secretaries will invite proposals from Fellowship for nomination to vacant Offices and the Membership of the Council for the ensuing year. The zonewise list of Fellows should be available on the website of the Academy. The nominations made by the Fellows must reach the Academy latest by June 30.

A list of these nominations shall be placed before the Council in its meeting to be held in July and the Council in proposing the names for various Offices and Membership of the Council will confine itself to this list.

The General Secretary (HQ) shall prepare a list of such persons whom the Council recommends to be elected as President, Vice-Presidents, Treasurer, General Secretaries, Foreign Secretary and other Members of the Council for the ensuing year, and before the 1st September such list shall be circulated among the Fellows of the Academy for voting, which shall bear a blank column opposite the list of the names for such proposals as any Fellow may wish to make.

- 2. The Council shall, by the 1st August each year, recommend twenty-three members as follows:-
 - (1) One President, (2) Two Past Presidents of whom one shall be Immediate Past President, (3) Two Vice-Presidents, (4) Two General Secretaries, (5) One Treasurer, (6) One Foreign Secretary and (7) Fourteen members.
- The names thus proposed for constituting the Council shall be circulated among the Fellows for voting. The Fellows shall then vote for the officers and members in the Council, to be filled by placing a cross against the names of those she/he wishes to elect.

4. The voting papers shall be enclosed unsigned in a sealed envelope supplied by the Academy, which shall be forwarded to the General Secretary in an outer cover with a covering letter signed by the Fellow, so as to reach the Academy by the 1st October or the date fixed by the Council. In the absence of a covering letter, the voting paper shall be declared invalid.

- 5. The sealed envelopes shall be placed by the General Secretaries in the Annual General Body Meeting.
- 6. Two scrutinisers shall be appointed by the President, with the approbation of the majority of the Fellows and Members present.
- 7. The scrutinisers shall open and examine the voting papers and report to the President the names of those having 2/3 or more of the votes cast, and these names constituting the Council shall then be announced in the same Annual General Body Meeting.
- 8. In the event of a vacancy occurring during the year in the office of President, Vice-Presidents, Treasurer, General Secretaries, Foreign Secretary, the remaining Members of the Council may fill up such a vacancy. The action so taken by the remaining Members of the Council shall be reported at the next Annual General Body Meeting.
- 9. If, for any reason, the Officers and Members of the Council could not be appointed for the ensuing year in the Annual General Body Meeting, the Officers and Members of the Council appointed during the previous year shall continue to hold office until their successors are duly nominated and assume office.

REGULATIONS REGARDING PUBLICATION OF PROCEEDINGS AND SCIENCE LETTERS

- There shall be Managing Editor(s)/Editorial Board(s) responsible for the coordination and management of the publication of the Proceedings of the National Academy of Sciences, India and National Academy Science Letters. The Managing Editor(s)/Editorial Board(s) shall be appointed by the Council and hold office for normally two years at a time.
- 2. There shall be separate Editorial Boards—one for each of the following publications of the Academy viz.

- (a) Proceedings of the National Academy of Sciences, India Section A;
- (b) Proceedings of the National Academy of Sciences, India Section B; and
- (c) National Academy Science Letters.

Each Editorial Board shall consist of the Managing Editor, the Chief Editor, Subject Editors from eminent experts in various disciplines (as members); and will be presided over by the President of the Academy.

- The number of members and subject Editors shall be decided by the Council from time to time.
- 4. The Council shall appoint separate Editors for special publications as and when necessary.

REGULATIONS REGARDING MEETINGS

Regulations regarding the 'General Body Meetings' of the Academy:

- 1. A notice of 2 weeks will be given for an ordinary meeting of the General Body.
- 2. A notice of 7 days will be given for an Extraordinary meeting of the Academy.
- 3. A minimum of 3 weeks, notice will be given for the Annual General Body Meeting of the Academy.

REGULATIONS REGARDING THE MEETINGS OF THE COUNCIL

- 1. Two weeks' notice will be given for the meetings of the Council to be held one in each quarter of the year.
- 2. Any other meeting including a Special meeting of the Council can be convened with the permission of the President, after giving a week's notice.
- 3. An Emergent meeting of the Council can be convened by giving 48 hours' notice.

Appendix 'A' WORKING OF CHAPTERS

Objective- In order to pursue the objectives of the Academy and create an adequate impact of the Academy all over the country, it is necessary to expand the activities of the Academy in a meaningful way by involving a larger number of scientists, foreign visitors, educationists and industrialists. This is to be

done by the Academy by opening Chapters in important centres.

Functions- The main functions of these Chapters will be to-

- (a) arrange lectures/discussions/seminars/symposia on the current and future sciences, technology and science education and their impact on society.
- (b) maintain a library of Academy's publications for reference.
- (c) work as a liaison office between the local Chapter members and the Academy headquarters.

Conditions-

- (a) Chapters may be opened only in those centres where there are preferably 20 Fellows/Members.
- (b) All local fellows and members of the National Academy of Sciences, India shall be members of the Chapter without any payment; and they shall be invited in activities of the Chapter. The activities of the Chapter would be run by a Committee consisting of (i) the Chairman, (ii) Secretary and (iii) three Advisors. The Chairman and the Secretary preferably be the Fellows of the Academy. The first set of office bearers may be nominated by the President of the Academy and thereafter they shall be elected from amongst the members of the Chapter.
- (c) The Chairman and the Secretary shall submit the Annual Report of the activities of the Chapter to the Council of the Academy by 1st April every year.
 - **Finances**: The Academy may support the activities of the Chapter. The modes of support will be decided by the Council from time to time.

(A) REGULATIONS FOR ACADEMY'S AWARDS

- 1. The lecture/memorial lecture awards be put under the category of Regulations.
- 2. These awards be broadly named as 'Academy Awards/Lectures/Medals'.
- 3. Further, all awards under the above mentioned category be classified in two types-
- a) 'Academy Awards/Lectures/Medals' to be held annually, as-
 - Prof. Meghnad Saha Memorial Lecture Award; Instituted by the Academy in the year 1981; Prof. Meghnad Saha Memorial Lecture may be held in any front line area in Physics and its applications (age- no bar).
 - ii) Prof. N.R. Dhar Memorial Lecture Award; Instituted by the Academy in the year 1990; Prof. N.R. Dhar Memorial Lecture may be delivered in an area of Chemistry, preferably having an impact on agriculture (age- no bar).
 - iii) Prof. (Mrs.) Archana Sharma Memorial Lecture Award; Instituted by the Academy in the year 2009 from the grant sanctioned by the DBT, New Delhi; Prof. (Mrs.) Archana Sharma Memorial Award Lecture may be delivered by the selected "Eminent Woman Scientist irrespective of age and area".
 - iv) Prof. MGK Menon Lecture Award; Instituted by the Academy in the year 2015; Prof MGK Menon Lecture may be delivered by an active working Indian Scientist up to the age of 55 in any field of Science and Technology. [There is another Prof MGK Menon Memorial Award (having an honorarium of Rs. 1 lac with a Gold Medal and travel expenses) to be given to an eminent Indian Scientist for her/his contributions to any area of Science and Technology development, promotion, popularization and application- details given on page no. 38]
 - v) Prof. V. P. Sharma Memorial Lecture Award; Instituted by the Academy in the year 2016; Prof. V P Sharma

Memorial Lecture may be delivered in the frontier areas of Biological Sciences (age- no bar).

- vi) Prof. A.K. Sharma Memorial Lecture Award; Instituted by the Academy in the year 2018; Prof. A.K. Sharma Memorial Lecture may be delivered by the selected "Eminent Plant Scientist, a researcher and an efficient manager of science" preferably below 70 years of age.
- vii) Prof. Prafulla Chandra Ray Memorial Lecture Award; Instituted by the Academy in the year 2018; Prof. Prafulla Chandra Ray Memorial Lecture may be held in any front line area in Chemistry and its applications (age- no bar).
- viii) Prof. SK Joshi Memorial Lecture Award; Instituted by the Academy in the year 2021 from the endowment given by Dr. AV Rama Rao, former Director, IICT and CMD, AVRA Laboratories Pvt Ltd, Hyderabad. Prof. SK Joshi Memorial Lecture may be delivered by an Indian Scientist in any field of Science and Technology (ageno bar).

Prof. A.K. Sharma Memorial Lecture awardee will be given a gold medal, a citation and a cash award of Rs. 1,00,000/- (from the endowment given by the DBT, GOI). In all remaining awards, each awardee will be given a gold medal, a citation and a cash award of Rs.50,000/-.

- b) 'Academy Awards/Lectures/Medals' to be held on every alternate year. The following will be included in this category:
 - i) Prof. A.C. Banerji Memorial Lecture Award; Instituted by the Academy in the year 1981 from the endowment given by Sri Milon K. Banerji, Former Attorney General of India, New Delhi (son of Late Prof. A.C. Banerji).
 - ii) Dr. B.P. Pal Memorial Lecture Award; Instituted by the Academy in the year 1990 from the endowment given by Dr. Bobby L. Renfro, Maize Pathologist, Mexico and also from Academy's contributions.
 - iii) Dr. P. Sheel Memorial Lecture Award; Instituted by the Academy in the year 1988 from the endowment given by Mrs. Radhika Sheel.
 - iv) Dr. P. Sheel Memorial (Young Woman Scientist) Lecture Award; Instituted by the Academy in the year 1996 from the endowment given by Mrs. Radhika Sheel.

- v) Prof. Saligram Sinha Memorial Lecture Award; Instituted by the Academy in the year 1990 from the endowment given by relatives and others associated with Prof. Saligram Sinha.
- vi) Prof. R.C. Gupta Endowment History of Science Lecture Award; Instituted by the Academy in the year 2000 from the endowment given by Prof. R.C. Gupta, Ganita Bharati Academy, Jhansi.
- vii) Prof. R.N. Tandon Memorial Lecture Award; Instituted by the Academy in the year 2000 from the endowment given by the family and students of Late Prof. R.N. Tandon.
- viii) Prof. B.K. Bachhawat Memorial Young Scientist Lecture Award; Instituted by the Academy in the year 2002.
- ix) Prof. B.K. Bachhawat Memorial Lecture Award; Instituted by the Academy in the year 2002.
- x) Prof. U.S. Srivastava Memorial Lecture Award; Instituted by the Academy in the year 2002.
- xi) Prof. Shri Ranjan Memorial Lecture Award; Instituted by the Academy in the year 2002 from the endowment given by the relatives, friends and students of Late Prof. Shri Ranjan;
- xii) Lecture Award in the field of Toxicology; Instituted by the Academy in the year 2002 from the endowment created from the savings of the 2nd Congress of Toxicology in Developing Countries organized by Industrial Toxicology Research Centre, Lucknow.
- xiii) Prof. Krishnaji Memorial Lecture Award; Instituted by the Academy in the year 2005 from the endowment given by Prof. Abhai Man Singh.
- xiv) Lecture Award in the field of Biodiversity; Instituted by the Academy in the year 2005 from the endowment given by Prof. Pramod Tandon and
- XV) Dr Mridula Kamboj Memorial Lecture Award; Instituted by the Academy in the year 2016 from the endowment given by Prof. V. P. Kamboj.
- XVI) NASI-Buti Foundation Lecture Award; Instituted by the Academy in the year 2017 from the endowment given by the Buti Foundation.

The awardees, in Dr. B.P. Pal Memorial Lecture, Prof. U.S. Srivastava Memorial Lecture, Dr Mridula Kamboj Memorial Lecture and NASI-Buti Foundation Lecture will be given a medal, a citation and a cash award of Rs. 20,000/-. However, in all the remaining awards in category (b) as mentioned above, the awardees will be given a medal, a citation and a cash award of Rs. 10.000/.

(If the endowment is not sufficient to meet the entire expenditure connected with an award, the expenses will be met from the funds of the Academy.)

The subject areas for these various lectures are given as under-

- I. Prof. A.C. Banerji Memorial Lecture may be held in any front line area of pure or applied mathematics, astrophysics and related subjects.
- II. Dr. B.P. Pal Memorial Lecture may be delivered in the field of agricultural science.
- III. Dr. P. Sheel Memorial Lecture for making significant contributions in science & technology for social development with special reference to societal development may be delivered in any area like Health, Energy, Communication, Agriculture etc. provided that the award will not be repeated in the same area before nine years.
- IV. Dr. P. Sheel Memorial (Young Woman Scientist) Lecture is open to all disciplines in science. The awardee lady scientist should be preferably below 50 years of age.
- V. Prof. Salig Ram Sinha Memorial Lecture may be delivered in any front line topic in Plant Sciences with special reference to Plant Pathology.
- VI. Prof. R.C. Gupta Endowment History of Science Lecture may be delivered in any area encompassing History of Science.
- VII. Prof. R.N. Tandon Memorial Lecture may be delivered in any area in Plant Sciences.
- VIII-IX. Prof. B.K. Bachhawat Memorial Young Scientist Lecture and Prof. B.K. Bachhawat Memorial Lecture may be delivered in the area of Biological Sciences including Medical Sciences. The awardee scientist for

- Prof. B.K. Bachhawat Memorial Young Scientist Lecture award should be below the age of 40 years.
- X. Prof. U.S. Srivastava Memorial Lecture may be delivered in any area in Animal Sciences.
- XI. Prof. Shri Ranjan Memorial Lecture may be delivered in the area of Plant Molecular Biology.
- XII. Award Lecture in the field of Toxicology may be delivered in the area of Toxicology (in the broadest sense).
- XIII. Prof. Krishnaji Memorial Lecture in the area of Experimental Physics and Instrumentation to an Indian citizen who has made commendable contributions in the area.
- XIV. Award Lecture in the field of Biodiversity may be delivered in the area of Biodiversity. The lecture is to be given to school children to create awareness in them.
- XV. Dr Mridula Kamboj Memorial Lecture Award may be delivered in any area of Biomedical Sciences.
- XVI. NASI-Buti Foundation Lecture may be delivered by Distinguished Woman Physicist (age- no bar).

4. General norms for holding the lectures:

- i) Nominations for the aforesaid lectures will be made by the Fellows of the Academy. The awardees will be selected by the Council in accordance with the regulations as may be made from time to time.
- ii) The awardees will be called upon to deliver a lecture at a date, time and place as decided by the Council.
- iii) The awardee would be required to supply a written script of her/his lecture which the Academy would suitably publish.
- iv) The Academy shall bear the cost of travel of the awardee from her/his place of work/residence to the place of lecture and back as per rules of the Academy.
- V) The minimum contribution for instituting an endowment lecture award will be Rs. 5 lacs.
- vi) The continuity of an endowment lecture award be reviewed after every 5 years.
- Vii) In future, any award will be instituted only after the approval of the NASI Council.

(B) PROF. MGK MENON MEMORIAL AWARD

Introduction - Prof. MGK Menon, one of the most renowned scientist and architect of Indian Science and Technology, was the pillar and visionary for the growth and progress of the National Academy of Sciences, India, the oldest of the science academies. He basically started the science promotion and popularization of science activities, in NASI. The academy decided to honor him by starting a lecture series in his name in the year 2015.

Procedure-

A Search-cum-Selection Committee chaired by the President, with four Past Presidents of the Academy to be nominated by the President of the Academy, would select the speaker.

The Lecture Award would be given to an eminent Indian scientist for her/his contributions to any area of Science and Technology development, promotion popularization and application.

The Lecture Award would carry an honorarium of Rs. 1 lakh with a Gold Medal and travel expenses.

(C) REGULATION REGARDING THE NATIONAL ACADEMY OF SCIENCES, INDIA SCIENCE TEACHER AWARD

In order to recognise one (or more) outstanding teacher(s), teaching science in High Schools/Higher Secondary Schools/Intermediate Colleges/other equivalent institutions for distinction achieved by him/her in stimulating students to take part in co-curricular and out-of-the class science activities and bringing out their talents in science, the Academy would select every year awardee(s), called the National Academy of Sciences, India Science Teacher Awardee.

The Awardee(s) selected each year would be invited to receive the Award in a function to be held at Prayagraj on the National Science Day, February 28. On the occasion, the Awardee(s) would be requested to deliver a brief talk.

The Award would comprise a Citation and Rs. 20,000/-(Rupees Twenty thousand only) cash. The cost of travel of the Awardee(s) from the place of her/his work to Prayagraj and back and hospitality at Prayagraj would be borne by the Academy.

Nominations for the Award would be invited through appropriate procedure and selection would be made by a Committee to be nominated by the Council.

Criteria for the NASI - Science Teacher Award -

- The teacher, besides excellence as a teacher, should have been actively involved in stimulating students to take active interest in extra curricular science activities and in innovation of teaching methods.
- 2. Success in stimulating students evidenced by the participation of the students under the guidance of the concerned teacher in extra curricular science activities, like Science Exhibitions, Students Science Congress, competitive items like Science Debate, Quizes, Essays, properly documented field studies etc.
- Development and use of innovative methods may include development of apparatus, software, equipments or devices for science teaching, innovative and/or low cost experiments etc.
- 4. Active involvement in science popularization activates will be an additional qualifications.
- 5. Teachers undertaking tutions would not be considered.

Note -

- 1. The Academy reserves the right to final selection of the teacher for the Award. No appeal or protest in this regard would be entertained.
- It is not necessary for a nominee to have participate/taken part in each of the activities given above.

(D) REGULATION REGARDING THE BEST SCIENCE TEACHER AWARD FOR PRAYAGRAJ REGION IN THE MEMORY OF LATE RAMA SHANKAR MISRA

The Academy has instituted in the year 2010 the "Best Science Teacher Award for Prayagraj Region" in the memory of late Rama Shankar Misra, father of Prof. Ashok Misra, Past President, NASI, from the endowment fund of Rs.1,00,000/- (Rupees one lac only) donated by

Prof. Ashok Misra. The regulations for this award will be same as of NASI-Science Teacher Award except that the Award would comprise a Citation and Rupees Ten Thousand only; and it would be only for Prayagraj region.

(E) REGULATION REGARDING THE NATIONAL ACADEMY OF SCIENCES, INDIA PROF. M.R. RAILKAR TEACHER AWARD FOCUSSED ON MATHEMATICS INSTRUCTION*

In order to recognise one (or more) outstanding teacher(s), teaching Mathematics in High Schools/Higher Secondary Schools / Intermediate Colleges / other equivalent institutions for distinction achieved by him/her in stimulating students to take part in co-curricular and out-of-the class Mathematics activities and bringing out their talents in Mathematics, the Mumbai Chapter of the Academy would select every year awardee(s), called the National Academy of Sciences, India Prof. M.R. Railkar Teacher Awardee.

The Awardee(s) selected each year would be invited to receive the Award in a function to be organized by Mumbai Chapter of the Academy on the National Science Day, February 28. On the occasion, the Awardee(s) would be requested to deliver a brief talk.

The Award would comprise a Citation and Rs. 5,000/-(Rupees Five thousand only) cash. The cost of travel of the Awardee(s) from the place of her/his work to Mumbai and back and hospitality at Mumbai would be borne by the Mumbai Chapter of the Academy out of the Funds provided by the Academy.

Nominations for the Award would be invited through appropriate procedure and selection would be made by a Committee consisting of Chairperson and three eminent Mathematician as expert nominated by the Mumbai Chapter of the Academy.

Instituted out of the endowment created by Prof. Ravi S. Kulkarni, Formerly Director, HRI, Allahabad, in honour of his teacher Prof. M.R. Railkar (Pune).

(F) REGULATIONS REGARDING THE NATIONAL ACADEMY OF SCIENCES, INDIA - SWARNA JAYANTI PURASKAR

As part of science promotional activities the Academy has instituted two awards known as 'The National Academy of Sciences, India - Swarna Jayanti Puraskar'. These awards would be given to the young scientists presenting the best research paper in the sections of Physical and Biological Sciences at the Annual Session of the Academy.

The Awardee in each section would be selected by a Committee comprising the Sectional President of the Section and two Fellows present there. Each Award comprises Rs. 5000/- cash and a Citation.

(G) REGULATIONS REGARDING THE NASI-RELIANCE INDUSTRIES PLATINUM JUBILEE AWARDS FOR APPLICATION ORIENTED INNOVATIONS COVERING BOTH PHYSICAL AND BIOLOGICAL SCIENCES

The nominee should be an Indian citizen/overseas citizen of India working in India and below the age of 50 years on April 15 of the year of the award.

Areas for the Awards - Physical Sciences including - Chemistry, Engineering, Mathematics, Physics, Electronics, Nanotechnology, Information & Computer Sciences, Earth and Atmospheric Sciences.

Biological Sciences including - Agriculture, Animal and Plant Sciences, Environment, Biotechnology, Biochemistry, Bioprocess Engineering, Bioinformatics, all branches of Medical Sciences, Nanotechnology.

Number and Value of Awards - Three in Physical Sciences and three in Biological Sciences each year. Each award carries a plaque and Rs. Three lakhs in cash.

Nominators and Last Date - (a) All Science Secretaries, Secretary HRD, Director Generals - CSIR, ICMR & ICAR.

- (b) Directors of IITs, IIITs, National Laboratories/ Institutes, Industries with well recognized R&D units including private research institutions.
- (c) Vice-Chancellors of all Universities Central & State.

(d) Directors of Indian Institute of Science, Bangalore, AIIMS, New Delhi, PGI's of Medical Research, Chairman, UGC.

- (e) Presidents of all Science, Engineering, Medical and Agriculture Academies.
- (f) All Fellows of the NASI.

Nominations will be invited by the President, NASI through advertisements in Academy's Journals, Current Science and Academy's website.

A nomination shall be made in the prescribed format. 20 copies of nomination form and one set of reprints of 10 publications along with all supporting documents, must reach the Academy latest by April 15 every year.

The nominations would be valid for 3 years; however, the nominators must update the achievements of the nominees and justify their candidature every year.

Selection of the Awardees - The awardees will be selected by an Expert Committee constituted by the Council of NASI from nominations received.

Presentation of the Awards - The presentation of the Awards will be made at the time of Annual Session.

(H) REGULATIONS REGARDING THE NASI-YOUNG SCIENTIST PLATINUM JUBILEE AWARDS IN ANY BRANCH OF SCIENCE OR TECHNOLOGY RECOGNIZED BY THE ACADEMY

The NASI Young Scientist Awards are considered to recognize promise, creativity and excellence in a young scientist.

Eligibility - The NASI Young Scientist Platinum Jubilee Award shall be made in recognition of notable contributions to any branch of science or technology, recognized by the Academy, on the basis of work carried out in India.

Any citizen of India/overseas citizen of India working in India and who is below the age of 35 years as on April 15, of the year of award, shall be eliqible for the award.

Number of Awards - Maximum number of the selected candidates should not be more than 30 (15 from Biological Sciences and 15 from Physical Sciences) in a year; and there should be a separate sub-committee (in addition to the existing sub-committees) for 'Biochemistry/Biophysics/Biotechnology/Bioinformatics including the Medical Sciences', to facilitate screening process in a more systematic way.

Nominations and Last Date - A notification inviting nominations for the award shall be issued each year

after the Council Meeting of the Academy held in January/February.

A candidate may be proposed by a Fellow of the National Academy of Sciences, India. Scientific Society of national standing, university faculty, Post-Graduate department or research institutions may also make nominations of eligible candidates.

A candidate may only be nominated once. However, a nomination will remain valid for consideration for 3 years or the age eligibility whichever expires earlier.

A nomination shall be made in the prescribed format. This, along with all supporting documents, must reach the Academy latest by April 15.

Selection Committee for the Award - The General Secretary (HQ) at the very outset, may examine the nominations and assign them to two Scrutiny Committees for consideration. Each Scrutiny Committee will recommend upto 10 candidates, who will be invited for presentation in July at the time of council meeting.

The candidates invited to present their work shall do so before the concerned members of the Scrutiny Committee.

Candidates called for presenting their work before the Sectional Committees shall be entitled to I class/II AC return rail fare and per diem according to the Rules of the Academy.

Recommendations of the Sectional Committees - Each Scrutiny 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 three names. The main criteria for selection will be the originality of the candidate's research contributions and her/his understanding as evidenced by publications and performance during the presentation.

The recommendations of the Scrutiny Committee shall be handed over immediately after the meeting, by the Convener, in a sealed envelope addressed to the General Secretary (HQ) of the Academy; the envelope should bear the superscription: to be opened by the addressee only.

Selection by the Council - The Council will select candidates for this award at the meeting in the month of July, based on the reports from the Conveners of Sectional Committees.

Announcement of the Awards - The names of the Young Scientists selected for the awards by the Council shall be communicated to the Fellowship.

Presentation of the Medals - The presentation of Medals will be made by the President, NASI, at the time of Annual General Meeting.

For receiving the medal, the awardees will be paid travel expenses to cover the actual I class/II AC rail fare, conveyance charges for journeys from residence to rail head and rail head to venue of Annual General Meeting and a daily allowance according to NASI Rules. Daily allowance will be admissible for a maximum of 2 days for attending the presentation ceremony.

The Academy would bring out a publication containing contributions of the Young Scientists for the award at the time of the presentation of the award.

Value - The award shall consist of a bronze medal of the following specifications:

- (i) Size 6.35 cm in diameter
- (ii) Weight About 114 grams
- (iii) Design Obverse Name of Medal (in Devanagari character) Name of the recipient (in Devanagari characters) Year (in International numerals)

Reverse - Seal of the Academy

Each awardee will be presented a Medal, a certificate and cash prize of Rs. 25,000/-.

Appropriate steps will be taken by the Academy to maintain the relevant information in respect of the career development of all young awardees.

(I) NASI-ICAR AWARD FOR INNOVATION AND RESEARCH ON FARM IMPLEMENTS

In order to reduce drudgery of farm women by development of farm implements and to encourage researchers and innovators to develop farm implements for farm women, ICAR and NASI have instituted the NASI-ICAR Award For Innovation and Research on Farm Implements.

Sponsoror of the Award - Indian Council of Agricultural Research, New Delhi and NASI, Prayagraj.

Objective of the Award – (i) To reduce the drudgery of farm women by development of farm implements. (ii) To encourage researchers and innovators to develop farm implements for farm women.

Nature of Award - One annual award meant exclusively for outstanding innovators/scientists. The award consists of Rs. 1,00,000/- in cash, citation and certificate.

Frequency - Annual.

Eligibility Criteria - All scientists/engineers/innovators engaged in research in agricultural farm implements are eligible.

Administration of the Award - The award will be administered by the ICAR/NASI through the Award Cell of ICAR. There will be a Judging Committee appointed by the DG, ICAR, consisting of 3-5 members including the Chairman. Two experts nominated by the President, NASI will be the members. The Committee will evaluate the applications and make recommendations to the Council.

Evaluation Criteria - (i) The significance of the research, innovation & extension work. Its scientific. technological and socio-economic relevance and priority (ii) The specific objective of the work and the preparation of an appropriate plan of work to achieve those objectives (iii) The organization and conduct of the work (iv) The principal findings (v) The concrete recommendations emanating from the research/ extension work (vi) The acceptability and adoptability of the recommendations by the intended users (vii) Impact of the work in quantifiable terms.

Procedure - Application for the award will be invited during September/October of the year of the award. Application made in the prescribed form obtainable from Award Cell (ICAR), will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the

ICAR along with the draft citations. If no outstanding entries have been received, no award will be awarded.

Presentation - The presentation of award will be made on the Foundation Day of the ICAR i.e. 16th July of the year. The awardee would give a presentation on achievements of her/his work to an audience consisting of eminent agricultural & non agricultural scientists.

(J) REGULATIONS REGARDING THE NASI PLATINUM JUBILEE CHAIRS

The Scheme - In order to utilize the expertise of active scientists who have made outstanding research contributions to any branch of Science & Technology, represented in the Academy, the National Academy of Sciences, India has instituted "NASI Platinum Jubilee Chairs". The awardee shall be called "NASI Platinum Jubilee Chair Distinguished Professor".

Objectives - The main aim of the scheme is to honor and utilize the expertise of distinguished scientists, who are capable of making significant research contributions in their field of interest.

Eligibility - The Awardee should be a distinguished Indian Scientist. He/She should have a sustained record of research publications of very high standard. He/She should be a Fellow of NASI.

Number - Total number shall not exceed two at any given time.

Duration - The tenure of the NASI Platinum Jubilee Chair Award would be for three years, extendable for further two years based on the review of work undertaken by the scientist in the first three years. Thus, the tenure of the award would be for a maximum of five years.

Details of the Award-The awardees would be paid Rs.80,000/- p.m. plus allowances as per Govt. of India rules. Pensionary benefits are to be adjusted as per Govt. of India rules. In addition, a contingency grant of Rs. 2,00,000 per annum would be provided for meeting expenditure of the awardee on secretarial assistance, telephone, domestic travel, stationery etc. This award would be taxable as per norms.

There shall be provision for appointment of a Research Fellow/Associate with an emolument + HRA as per DST rules to assist in research work. This will be supported by resources from NASI.

Mode of Selection - A Search cum Selection Committee comprising of the President, two Past Presidents and two General Secretaries will be constituted to recommend suitable scientists for the NASI Platinum Jubilee Chair Award. The Committee would normally meet once a year or whenever the need arises. The award would be announced after the approval of the NASI-Council. Members of the NASI-Council would be able to suggest names of suitable scientists to the Committee.

Other terms and conditions -

- 1. The award is given only for working in a recognized research/academic institution in India.
- 2. All the grants pertaining to the Award will be released through the host institution, which shall be entrusted with the accountability of the grant. The institution shall submit Utilization Certificate/ Statement of Expenditure for the grants released by NASI, every year.
- 3. Progress report on the project work done shall be submitted to NASI at the end of each financial year along with the Statement of Expenditure and Utilization Certificate for release of grant for the next year.
- 4. At the expiry of term of the Award, a comprehensive work report should be submitted, along with two copies of papers published during the tenure of the award.
- 5. The awardee would be entitled to leave as per GOI norms.
- 6. At the completion of the term, the awardee shall hand over all permanent assets purchased through the funds received under the scheme to the institution where work was undertaken or any other institution as may be decided by NASI.
- 7. The progress of the work shall be monitored by a committee of experts to be appointed by NASI.
- 8. The awardee would be invited to submit paper/review in NASI journals.

9. The above terms and conditions may be revised or amended by the Council as and when found necessary.

(K) REGULATIONS REGARDING THE J.C. BOSE CHAIR

To commemorate 150th Birth Anniversary of J.C. Bose in the year 2009, the Academy instituted the J.C. Bose Chair. The provisions are same as NASI Platinum Jubilee Chairs. The awardee shall be called "J.C. Bose Chair Distinguished Professor".

(L) REGULATIONS REGARDING THE ICMR CHAIR IN PUBLIC HEALTH RESEARCH

In order to utilize the expertise of a Distinguished Scientist in the area of Public Health Research, who could take Public Health Research Project(s) aimed towards delivering technologies to common mass for preventive and promotive control measures for ensuring good health, the Academy instituted ICMR Chair in Public Health Research in the year 2010 with the financial support from Indian Council of Medical Research, New Delhi. The provisions are same as NASI Platinum Jubilee Chairs, except the emoluments which are as per ICMR sanction. The awardee shall be called "ICMR Chair Distinguished Professor".

(M) REGULATIONS REGARDING THE DISTINGUISHED WOMAN SCIENTIST CHAIR

The Scheme - In order to utilize the expertise of a Distinguished Women Scientist whose contributions in the country in the area of Science & Technology has made a major impact, the National Academy of Sciences, India instituted a Chair with the financial support of DST, New Delhi.

Objectives - The main aim of the scheme is to honor and utilize the expertise of distinguished women scientists, to contribute towards promotion and application of Science and Technology in their field of interest, particularly to benefit women scientists and women in general.

Eligibility - The Awardee should be a distinguished Indian Woman Scientist. She should have a sustained record of scientific contributions of very high standard. She should be a Fellow of NASI

Number - Total number shall not exceed one at any given time.

Duration - The tenure of the distinguished women scientist Chair would be for five years.

Details of the Award - The provisions of payment(s) to the awardee are same as NASI Platinum Jubilee Chairs.

There shall be provision for appointment of two Woman Scientists below age of 50 years to pursue research under the guidance of the aforesaid Chair, as per financial details prescribed by the Academy.

Mode of Selection - A Search cum Selection Committee comprising of the President, two Past Presidents and two General Secretaries will be constituted to recommend suitable woman scientist for the aforesaid Chair. The award would be announced after the approval of the NASI-Council. Members of the NASI-Council would be able to suggest names of suitable scientists to the Committee.

The Distinguished Woman Scientist selected for this prestigious Chair would further select the two youngwoman scientists to work under her guidance for this Chair as per norms in her institution for such scholarship/fellowship; or as per provisions made by the NASI Council in consultation with the Distinguished Woman Scientist Chair.

Other terms and conditions -

- 1. The award is given for working in/through recognized research/academic institutions in India. 2. All the grants pertaining to the Award will be released through the host institution, which shall be entrusted with the accountability of the grant. The institution shall submit Utilization Certificate/ Statement of Expenditure for the grants released by NASI, every year.
- 3. Progress report on the project work done shall be submitted to NASI at the end of each financial year along with the Statement of Expenditure and Utilization Certificate for release of grant for the next year.
- 4. At the expiry of term of the Award, a comprehensive work report should be submitted, along with two copies of papers published during the tenure of the award.
- 5. The awardee would be entitled to leave as per GOI

norms.

6. At the completion of the term, the awardee shall hand over all permanent assets purchased through the funds received under the scheme to the institution where work was undertaken or any other institution as may be decided by NASI.

- 7. The progress of the work shall be monitored by a committee of experts to be appointed by NASI.
- 8. The awardee would be invited to submit paper/review in NASI journals.
- 9. The above terms and conditions may be revised or amended by the Council as and when found necessary.

(N) REGULATIONS REGARDING THE NASI-(DONOR) CHAIRS

The Scheme - In order to utilize the expertise of scientists who have made outstanding contributions to promotion, development and application of science and technology, represented in the Academy, the National Academy of Sciences, India (NASI) has instituted "NASI-(DONOR) Chairs".

Objectives - The main aim of the scheme is to honor and utilize the expertise of distinguished scientists. The recipient of the award would be expected to work to promote the Charter of NASI and its objectives. At the completion of the tenure, the recipient would submit a report of the activity for information of the NASI Council to be followed by a presentation/lecture.

Eligibility - The Awardee should be a distinguished Indian Scientist. He/She should be a Fellow of NASI.

Number - Total number not to exceed two at any given time and priority should be given to a most distinguished woman scientists.

Duration - The tenure of the Chair Award would be for three years, extendable for further two years. Thus, the tenure of the award would be for a maximum of five years.

Details of the Award - The Awardee would be entitled to a maximum amount of Rs.50,000/- p.m. In addition, a contingency grant of Rs.1,00,000/- p.a. would be

provided for meeting expenditure of the Awardee on secretarial assistance, telephone, domestic travel, stationery etc. This award would be taxable as per norms. There shall be provision for appointment of a Research Fellow/Associate with an emolument + HRA to assist in research work. This will be supported by resources from NASI.

Mode of Selection - A Search cum Selection Committee comprising of the President, two Past Presidents, two General Secretaries and a nominee of the DONOR will be constituted to recommend suitable scientists for the Chair Award. The Committee would normally meet once a year or whenever the need arises. The award would be announced after the approval of the NASI-Council. Members of the NASI-Council would be able to suggest names of suitable scientists to the Committee.

Other terms and conditions - (1) All the grants pertaining to the award will be released directly to the Awardee who shall submit Utilization Certificate/ Statement of Expenditure for the grants released by NASI, every year. (2) The Awardee would be invited to submit paper/review in NASI journals. (3) The above terms and conditions may be revised or amended by the NASI as and when found necessary.

(O) REGULATIONS REGARDING THE NASI-SENIOR SCIENTIST PLATINUM JUBILEE FELLOWSHIP

The Academy has instituted the NASI Senior Scientist Platinum Jubilee Fellowship to utilize the services of the Fellows of the Academy who are active in high quality research in their specialized disciplines but have superannuated from their service. The Awardee shall be called **"NASI Senior Scientist".**

Objectives - The objective is to utilize the expertise of NASI Fellows after superannuation primarily for research work in some R&D center/university/institute in India.

Eligibility & Age - Superannuated Fellows are eligible for consideration.

Number of Fellowships - The number of NASI Senior Scientists Platinum Jubilee Fellowship to be selected each year shall be decided by the Council from the panel recommended by the Committee, to be constituted by the Council. Usually, the number of Senior Scientists to be selected each year will be based on the availability of vacancies and funds available with the Academy. The total number of NASI-Senior Scientist Platinum Jubilee Fellowship will at a time not be more than 40.

Tenure - The term of a NASI Senior Scientist position will be tenable initially for a period of three years, extendable for another two years after a review of the achievement of three year's works.

Emoluments - The fellowship consists of Honorarium @ Rs.30,000/-per month and contingency grant @ Rs. 1,00,000/- per annum for meeting expenses on stationery, travel (within the country only). This also covers expenditure up to Rs.10,000 on communication needs. The honorarium is taxable, which will be deducted at source by the host institution.

There is a provision for appointment of one JRF/SRF/RA in the Fellowship, which shall also be supported by the resources from the Academy. The emoluments of JRF/SRF/RA will be as per Rules of the DST, New Delhi.

JRF/SRF/RA are not eligible for drawing HRA if hostel accommodation is provided by the host institution. Otherwise, HRA may be given as per DST, New Delhi norms applicable in the city/location where they are working or HRA rules of the host institution, whichever is lower. No other allowance is admissible.

Nominations - Nominations for the position shall be invited from the Fellows of the Academy in the first week of May preceding the year of the award.

The nomination papers duly completed in all respects, signed, and routed through the Head of the Institution, where a scientist intends to work, should be sent to the General Secretary, NASI, so as to reach latest by 15th June.

Mode of Selection - The nominations received within the valid period shall be examined by a Committee constituted for the purpose. The recommendations of the Committee shall be considered and selection will be made by the Council at its meeting to be held in July.

Announcement - The names of NASI Senior Scientists selected shall be announced at the Annual General Body Meeting of the Academy.

Operation of Scheme - Funds for this scheme will be routed through the sponsoring institution.

Leave Rules - As per GOI norms.

Activities Report and Renewal of Scheme: Senior Scientist will submit an Annual Report of her/his research work in the prescribed format at the end of each Calendar year alongwith statement of expenditure for renewal and release of grant for the next year.

Final Technical Report - Senior Scientist is required to submit a consolidated technical report for the entire duration of the award at the end of tenure in the prescribed proforma.

Interaction with other Agencies - Senior Scientist is allowed to take up the sponsored Research and Consultancy within the norms of the host institute.

Obligations - Host Institute shall submit the audited statement of accounts and utilization certificate from time to time to NASI. The Scheme will stand terminated from the date the Senior Scientist of NASI accepts any paid position elsewhere.

Acknowledgement of support in all publications as "Senior Scientist, NASI" should be made.

Final adjustment/settlement of accounts should be done within a period of 30 days of termination of Scheme.

All patent rights, designs and inventions derived from the research work of the NASI Senior Scientist shall be governed by the host institutional norms.

At the completion of the tenure of the NASI Senior Scientist, the awardee shall handover all permanent

equipments purchased through the contingency funds to the institution where the work was undertaken.

They will be invited to submit paper/review to NASI journals.

These regulations may be revised or amended by the Council at any time.

(P) REGULATIONS REGARDING THE NASI HONORARY SCIENTIST SCHEME

The Academy has instituted the NASI Honorary Scientist Scheme to utilize the expertise of active fellows of the Academy (NASI), who have superannuated from their regular service, to have their contribution to the growth of science in general and activities of the Academy in particular.

Objective: The objective of the scheme is to enable such fellows of NASI to contribute in research, science education and promotion of science-society programmes.

Eligibility: Fellows of NASI who have superannuated from their regular service; the contribution during the whole career to be taken into account with an emphasis on recent academic/scientific activities.

Number of positions: The number of Honorary Scientists to be selected each year will be decided by the Council.

Tenure: The term of NASI Honorary Scientist will initially be for a period of three years and is extendable up to two years.

Financial Support: Contingency grant of Rs. one lac per annum will be released in one installment directly to the "NASI Honorary Scientist" or through the host institution. The grant can be utilized for meeting expenditure on the secretarial assistance, communication needs, domestic travel, stationery etc. On completion of each year, NASI Honorary Scientist is required to submit a certificate indicating that the money has actually been spent for the purpose for which it was sanctioned.

Nominations: NASI Fellows may nominate themselves or other Fellows, who have superannuated

from their regular service. Fellows may write to the President- NASI, along with a brief CV, proposed plan of work and a letter of acceptance from the host institution if he/she intends to work through an institute/university. The names of awardees will be reported in the subsequent council meeting.

Joining: The Honorary Scientist can join any time during the year.

Progress Report and Renewal of position: The Honorary Scientist will submit a report of her/his work after completion of each year to the President. The report should be accompanied with utilization certificate and further request of fund for the ensuing year.

Obligations:

- (i) The position will stand terminated from the date the Honorary Scientist accepts any paid position; however the Honorary Scientist is allowed to take up the sponsored research and consultancy within the norms of the host institution.
- (ii) Support under the NASI Honorary Scientist Scheme should be acknowledged in all publications.
- (iii) Final adjustment/settlement of account should be done within a period of thirty days of relinquishing the position.

REGULATIONS FOR M.N. SAHA DISTINGUISHED FELLOWSHIP

- (i) The M.N. Saha Distinguished Fellowship will be awarded to an Indian Scientist for most distinguished contribution to Science. The Fellow shall be called as M.N. Saha Distinguished Professor.
- (ii) The Fellow would be paid Rs. 80,000/- p.m. plus allowances as per Govt. of India rules. Pensionary benefits are to be adjusted as per Govt. of India rules.
- (iii) A sum of Rs. 2,00,000/= per annum will be paid as contingent expenses which may be suitably increased by the Council, depending upon the nature of the work proposed to be undertaken by the awardee.
- (iv) The Fellowship will be tenable for a period of five years.
- (v) If necessary, a telephone and assistance of a stenographer may be availed of out of the contingency grant.
- (vi) There shall be provision for appointment of a Research Fellow/Associate with an emolument + HRA as per DST rules to assist in research work. This will be supported by resources from NASI.
- (vii) The Distinguished Fellow may work in any suitable institution which shall provide, as far as possible, necessary working facilities, accommodation etc.

PAST PRESIDENTS

Late Prof. M.N. Saha (Founder President)	1931-1932
Late Prof. K.N. Bahl	1933-1934
Late Prof. N.R. Dhar	1935-1936
Late Prof. B. Sahni	1937-1938
Late Dr. S.M. Sulaiman	1939-1940
Late Prof. Erwin Schrodinger	1941
Late Prof. D.R. Bhattacharya	1941-1942
Late Prof. B. Sahni	1943-1944
Late Prof. K.S. Krishnan	1945-1946
Late Prof. A.C. Banerji	1947-1948
Late Prof. H.R. Mehra	1949-1950
Late Prof. P. Parija	1951-1952
Late Prof. S. Ranjan	1953-1954
Late Prof. P.L. Srivastava	1955-1956
Late Prof. P.S. Gill	1957-1958
Late Dr. M.S. Randhawa	1959-1960
Late Prof. S. Ghosh	1961-1962
Late Prof. P. Maheshwari	1963-1964
Late Dr. B.N. Prasad	1965
Late Prof. K. Banerjee	1966-1967
Late Dr. R.K. Saksena	1968
Late Dr. A.C. Chatterji	1969-1970
Late Dr. M.L. Dhar	1971-1972
Late Dr. S.H. Zaheer	1973-1974
Late Prof. R.N. Tandon	1975-1976
Late Prof. B.D. Nag Chaudhuri	1977-1978
Late Dr. Hari Narain	1979-1980
Late Prof. B. Ramchandra Rao	1981-1982
Late Prof. S.Z. Qasim	1983-1984
Late Dr. T.N. Khoshoo	1985-1986
Late Prof. M.G.K. Menon	1987-1988
Prof. M.S. Swaminathan	1989-1990
Late Dr. A.P. Mitra	1991-1992
Late Prof. U.S. Srivastava	1993-1994
Dr (Mrs) Manju Sharma	1995-1996
Prof. P.N. Tandon	1997-1998
Late Dr. V.P. Sharma	1999-2000
Prof. S.K. Joshi	2001-2002
Prof. Jai Pal Mittal	2003-2004
Late Dr. M.L. Dhar Late Dr. S.H. Zaheer Late Prof. R.N. Tandon Late Prof. B.D. Nag Chaudhuri Late Dr. Hari Narain Late Prof. B. Ramchandra Rao Late Prof. S.Z. Qasim Late Dr. T.N. Khoshoo Late Prof. M.G.K. Menon Prof. M.S. Swaminathan Late Dr. A.P. Mitra Late Prof. U.S. Srivastava Dr (Mrs) Manju Sharma Prof. P.N. Tandon Late Dr. V.P. Sharma Prof. S.K. Joshi	1971-1972 1973-1974 1975-1976 1977-1978 1979-1980 1981-1982 1983-1984 1985-1986 1987-1988 1989-1990 1991-1992 1993-1994 1995-1996 1997-1998 1999-2000 2001-2002

Prof. V.P. Kamboj	2005-2006
Prof. Ashok Misra	2007-2008
Prof. Asis Datta	2009-2010
Late Prof. A.K. Sharma	2011-2012
Dr. K. Kasturirangan	2013-2014
Prof. Akhilesh K. Tyagi	2015-2016
Prof. Anil Kakodkar	2017-2018
Prof. G. Padmanaban	2019-2020
Prof. Ajoy Kumar Ghatak	2021-2022

PAST GENERAL SECRETARIES

- 1931 Late Prof. P.S. MacMohan Late Prof. A.C. Banerji
- 1932 Late Prof. P.S. MacMohan Late Prof. A.C. Banerji
- 1933 Late Prof. P.S. MacMohan Late Prof. A.C. Banerji
- 1934 Late Prof. P.S. MacMohan Late Prof. A.C. Banerii
- 1935 Late Dr. S.M. Sane Late Dr. P.L. Srivastava
- 1936 Late Dr. S.M. Sane Late Dr. P.L. Srivastava
- 1937 Late Dr. S.M. Sane Late Dr. P.L. Srivastava
- 1938 Late Dr. S.M. Sane Late Dr. P.L. Srivastava
- 1939 Late Dr. Shri Ranjan Late Dr. D.S. Kothari
- 1940 Late Dr. Shri Ranjan Late Dr. D.S. Kothari
- 1941 Late Dr. Shri Ranjan Late Dr. D.S. Kothari
- 1942 Late Dr. Shri Ranjan Late Dr. D.S. Kothari
- 1943 Late Prof. K.S. Krishnan Late Prof. L.P. Mathur
- 1944 Late Prof. K.S. Krishnan Late Prof. L.P. Mathur
- 1945 Late Dr. P.L. Srivastava Late Prof. Birbal Sahni
- 1946 Late Dr. P.L. Srivastava Late Prof. Birbal Sahni
- 1947 Late Dr. P.L. Srivastava Late Prof. Birbal Sahni
- 1948 Late Dr. P.L. Srivastava Late Prof. Birbal Sahni
- 1949 Late Dr. R.K. Saxena Late Prof. Ram Behari
- 1950 Late Dr. R.K. Saxena Late Prof. Ram Behari
- 1951 Late Dr. R.K. Saxena Late Prof. Ram Behari

- 1952 Late Dr. R.K. Saxena Late Prof. Ram Behari
- 1953 Late Dr. R.K. Saxena Late Prof. R.C. Majumdar
- 1954 Late Prof. S. Ghosh Late Prof. R.C. Majumdar
- 1955 Late Prof. S. Ghosh Late Shri S. Basu
- 1956 Late Prof. S. Ghosh Late Shri S. Basu
- 1957 Late Dr. R.N. Tandon Late Shri S. Basu
- 1958 Late Dr. R.N. Tandon Late Shri S. Basu
- 1959 Late Dr. R.N. Tandon Late Dr. K.N. Mathur
- 1960 Late Dr. R.N. Tandon Late Dr. K.N. Mathur
- 1961 Late Dr. R.K. Saxena Late Prof. K. Banerjee
- 1962 Late Dr. R.K. Saxena Late Prof. K. Banerjee
- 1963 Late Dr. R.K. Saxena Late Dr. A.G. Jhingran
- 1964 Late Prof.MDL Srivastava Late Dr. M.L. Dhar
- 1965 Late Prof.MDL Srivastava Late Dr. B.S. Chauhan
- 1966 Late Prof.MDL Srivastava Late Dr. B.S. Chauhan
- 1967 Late Prof.MDL Srivastava Late Prof. A.C. Chatterji
- 1968 Late Prof.MDL Srivastava Late Prof. A.C. Chatterji
- 1969 Late Prof. S.P. Tandon Late Prof. J.J. Chinoy
- 1970 Late Prof. S.P. Tandon Late Dr. V. Puri
- 1971 Late Prof. S.P. Tandon Late Dr. V. Puri
- 1972 Late Prof. S.P. Tandon Late Dr. V. Puri

1973	Late Prof.U.S. Srivastava	1997	Prof. Alok K. Gupta
	Late Prof.R.S. Kushwaha		Dr. V.P. Kamboj
1974	Late Prof.U.S. Srivastava	1998	Prof. Alok K. Gupta
	Late Prof.R.S. Kushwaha		Dr. V.P. Kamboj
1975	Late Prof.U.S. Srivastava	1999	Prof. Alok K. Gupta
	Late Prof.R.S. Kushwaha		(Till 31st Jan. 1999)
1976	Late Prof.U.S. Srivastava		Late Prof. H.C. Khare
	Late Prof.R.S. Kushwaha		(From 1st Feb.1999)
1977	Late Prof. Krishnaji		Dr. V.P. Kamboj
	Late Prof. P.T. Narasimhan	2000	Late Prof. H.C. Khare
1978	Late Prof. Krishnaji		Dr. V.P. Kamboj
	Late Prof. P.T. Narasimhan	2001	Late Prof. H.C. Khare
1979	Late Prof. Krishnaji		Prof. Pramod Tandon
	Late Prof. P.T. Narasimhan	2002	Late Prof. H.C. Khare
1980	Late Prof. Krishnaji	2002	Prof. Pramod Tandon
1300	Late Prof. P.T. Narasimhan	2003	Late Prof. H.C. Khare
1001	Late Prof. H.C. Khare	2003	Prof. Pramod Tandon
1901	Late Sri Maheshwar Dayal	2004	Late Prof. H.C. Khare
1000		2004	
1902	Late Prof. H.C. Khare		(Till 7th Feb.2004)
4000	Late Sri Maheshwar Dayal		Dr. V.P. Kamboj
1983	Late Prof. H.C. Khare		(From 7th Feb.2004)
4004	Late Sri Maheshwar Dayal	0005	Prof. Pramod Tandon
1984	Late Prof. H.C. Khare	2005	Prof. P.K. Seth
4005	Late Dr. K.N. Mehrotra	0000	Prof. Pramod Tandon
1985	Late Prof. U.S. Srivastava	2006	Prof. P.K. Seth
	Late Dr. K.N. Mehrotra		Prof. Akhilesh K. Tyagi
1986	Late Prof. U.S. Srivastava	2007	Prof. P.K. Seth
	Late Dr. K.N. Mehrotra		Prof. Akhilesh K. Tyagi
1987	Late Prof. U.S. Srivastava	2008	Prof. P.K. Seth
	Late Dr. K.N. Mehrotra		Prof. Akhilesh K. Tyagi
1988	Late Prof. U.S. Srivastava	2009	Prof. (Mrs.) Krishna Misra
	Dr. (Mrs) Manju Sharma		Prof. Akhilesh K. Tyagi
1989	Late Prof. H.C. Khare	2010	Prof. (Mrs.) Krishna Misra
	Dr. (Mrs) Manju Sharma		Prof. J.P. Khurana
1990	Late Prof. H.C. Khare	2011	Prof. (Mrs.) Krishna Misra
	Dr. (Mrs) Manju Sharma		Prof. J.P. Khurana
1991	Late Prof. H.C. Khare	2012	Prof. (Mrs.) Krishna Misra
	Dr. (Mrs) Manju Sharma		Prof. J.P. Khurana
1992	Late Prof. H.C. Khare	2013	Prof. (Mrs.) Krishna Misra
	Dr. (Mrs) Manju Sharma		Prof. J.P. Khurana
1993	Dr. Om Prasad	2014	Prof. U.C. Srivastava
	Prof. Sandip K. Basu	-	Prof. (Mrs.) Veena Tando
1994	Dr. Om Prasad	2015	Prof. U.C. Srivastava
	Prof. Sandip K. Basu	_0.0	Prof. (Mrs.) Veena Tando
1995	Dr. Om Prasad	2016	Prof. U.C. Srivastava
. 555	Prof. Sandip K. Basu	_0.0	Prof. (Mrs.) Veena Tando
1996	Dr. Om Prasad	2017	Prof. U.C. Srivastava
.000	Prof. Sandip K. Basu	2017	Prof. (Mrs.) Veena Tando

- 1973 Late Prof.U.S. Srivastava Late Prof.R.S. Kushwaha
- 1974 Late Prof.U.S. Srivastava Late Prof.R.S. Kushwaha
- 1975 Late Prof.U.S. Srivastava Late Prof.R.S. Kushwaha
- 1976 Late Prof.U.S. Srivastava Late Prof.R.S. Kushwaha
- 1977 Late Prof. Krishnaji Late Prof. P.T. Narasimhan
- 1978 Late Prof. Krishnaji Late Prof. P.T. Narasimhan
- 1979 Late Prof. Krishnaji Late Prof. P.T. Narasimhan
- 1980 Late Prof. Krishnaji Late Prof. P.T. Narasimhan
- 1981 Late Prof. H.C. Khare Late Sri Maheshwar Dayal
- 1982 Late Prof. H.C. Khare Late Sri Maheshwar Dayal
- 1983 Late Prof. H.C. Khare Late Sri Maheshwar Dayal
- 1984 Late Prof. H.C. Khare Late Dr. K.N. Mehrotra
- 1985 Late Prof. U.S. Srivastava Late Dr. K.N. Mehrotra
- 1986 Late Prof. U.S. Srivastava Late Dr. K.N. Mehrotra
- 1987 Late Prof. U.S. Srivastava Late Dr. K.N. Mehrotra
- 1988 Late Prof. U.S. Srivastava
- Dr. (Mrs) Manju Sharma 1989 Late Prof. H.C. Khare
- Dr. (Mrs) Manju Sharma 1990 Late Prof. H.C. Khare
- Dr. (Mrs) Manju Sharma 1991 Late Prof. H.C. Khare
- Dr. (Mrs) Manju Sharma
- 1992 Late Prof. H.C. Khare Dr. (Mrs) Manju Sharma
- 1993 Dr. Om Prasad Prof. Sandip K. Basu
- 1994 Dr. Om Prasad Prof. Sandip K. Basu
- 1995 Dr. Om Prasad Prof. Sandip K. Basu
- 1996 Dr. Om Prasad Prof. Sandip K. Basu

- 1997 Prof. Alok K. Gupta Dr. V.P. Kamboj
- 1998 Prof. Alok K. Gupta Dr. V.P. Kamboj
- 1999 Prof. Alok K. Gupta (Till 31st Jan. 1999) Late Prof. H.C. Khare (From 1st Feb.1999) Dr. V.P. Kamboj
- 2000 Late Prof. H.C. Khare Dr. V.P. Kamboj
- 2001 Late Prof. H.C. Khare Prof. Pramod Tandon
- 2002 Late Prof. H.C. Khare Prof. Pramod Tandon
- 2003 Late Prof. H.C. Khare Prof. Pramod Tandon
- 2004 Late Prof. H.C. Khare (Till 7th Feb.2004) Dr. V.P. Kamboj (From 7th Feb.2004) Prof. Pramod Tandon
- 2005 Prof. P.K. Seth Prof. Pramod Tandon
- 2006 Prof. P.K. Seth Prof. Akhilesh K. Tyagi
- 2007 Prof. P.K. Seth Prof. Akhilesh K. Tyagi
- 2008 Prof. P.K. Seth Prof. Akhilesh K. Tyagi
- 2009 Prof. (Mrs.) Krishna Misra Prof. Akhilesh K. Tyagi
- 2010 Prof. (Mrs.) Krishna Misra Prof. J.P. Khurana
- 2011 Prof. (Mrs.) Krishna Misra Prof. J.P. Khurana
- 2012 Prof. (Mrs.) Krishna Misra Prof. J.P. Khurana
- 2013 Prof. (Mrs.) Krishna Misra Prof. J.P. Khurana
- 2014 Prof. U.C. Srivastava Prof. (Mrs.) Veena Tandon
- 2015 Prof. Ù.C. Śrivastava Prof. (Mrs.) Veena Tandon
- 2016 Prof. U.C. Srivastava Prof. (Mrs.) Veena Tandon
- 2017 Prof. U.C. Srivastava Prof. (Mrs.) Veena Tandon

2018	Prof. Satya Deo
	Prof. Paramjit Khurana
2019	Prof. Saya Deo
	Prof. Paramjit Khurana
2020	Prof. Satya Deo
	Prof. Paramjit Khurana
2021	Prof. Satya Deo
	Prof. Paramjit Khurana
2022	Prof. Madhoolika Agrawal
	Prof. J.R. Bellare
2023	Prof. Madhoolika Agrawal
	Prof. J.R. Bellare

OTHER OFFICERS OF THE ACADEMY

(From January 1, 1981)

Vice-Presidents

Tenure of Office

Late Prof. Krishnaji	1	Jan.	1981 -	31	Dec.	1982
Late Prof. M.K. Singal	1	Jan.	1981 -			1982
Late Prof. U.S. Srivastava	1	Jan.	1983 -			1984
Late Prof. P.T. Narasimhan	1	Jan.	1983 -		Dec.	
Late Prof. P.N. Srivastava	1	Jan.	1985 -		Dec.	
Late Prof. H.C. Khare	<u>i</u>	Jan.	1985 -			1986
Late Dr. Maheshwar Dayal	1	Jan.	1987 -			1988
Late Prof. D.B. Chandra	1	Jan.	1987 -	_	Dec.	
Late Prof. U.S. Srivastava	1	Jan.	1989 -			1990
Prof. P.N. Tandon	1	Jan.	1989 -			1990
Late Prof. P.M. Bhargava	1	Jan.	1991 -			1993
Late Prof. D.B. Chandra	1	Jan.	1991 -	_	Feb.	
Late Prof. R.C. Mehrotra	11	Feb.	1993 -	_		1994
Dr.(Mrs) Manju Sharma	11	Feb.	1993 -			1994
Prof. Alok K. Gupta	1	Jan.	1995 -			1996
Dr. V.P. Kamboj	1	Jan.	1995 -	_	Dec.	
Prof. H.S. Mani	<u>i</u>	Jan.	1997 -			1998
Prof. Sandip K. Basu	1	Jan.	1997 -			1998
Prof. C.L. Khetrapal	i	Jan.	1999 -			2000
Prof. Asis Datta	1	Jan.	1999 -			2000
Late Prof. B.N. Dhawan	i	Jan.	2001 -			2002
Dr. Amit Ghosh	1	Jan.	2001 -			2002
Dr. P.K. Seth	1	Jan.	2003 -			2004
Prof. M. Vijayan	1	Jan.	2003 -			2004
Late Prof. Suresh Chandra	1	Jan.	2005 -	_		2006
Prof. Ashok Misra	1	Jan.	2005 -			2006
Prof. S.P.S. Khanuja	1	Jan.	2007 -			2008
Dr. Anil Kumar	1	Jan.	2007 -			2008
Prof. Amitava Raychaudhuri	1	Jan.	2009 -			2010
Dr. Avadhesha Surolia	1	Jan.	2009 -	31	Dec.	2010
Prof. P.K. Seth	1	Jan.	2011 -			2012
Prof. Nikhil Tandon	1	Jan.	2011 -			2012
Prof. Sneh Bhargava	1	Jan.	2013 -	31	Dec.	2014
Prof. Sushanta Ďattagupta	1	Jan.	2013 -	31	Dec.	2014
Prof. S.K. Sopory	1	Jan.	2015 -	31	Dec.	2016
Prof. Jayanta K. Bhattacharjee	1	Jan.	2015 -	31	Dec.	2016
Prof. Rohini M. Godbole	1	Jan.	2017 -	31	Dec.	2018
Prof. Pramod Tandon	1	Jan.	2017 -	31	Dec.	2018
Prof. Jaya S. Tyagi	1	Jan.	2019 -	27	Feb.	2021
Prof. L.C. Rai	1	Jan.			Feb.	
Prof. Anurag Sharma	1	Mar.	2021 -	31	Dec.	2022
Prof. Saroj Kanta Barik	1	Mar.	2021 -	31	Dec.	2022

Treasurers

Prof. H.L. Nigam	1	Jan.	1981	-	31	Dec. 1983
Late Prof. Krishnaji	1	Jan.	1984	-	31	May. 1987
Late Prof. M.P. Tandon	1	June	1987	-	31	Jan. 1992
Late Prof. Chandrika Prasad	1	Feb.	1992	-	31	Dec. 1995
Late Prof. H.C. Khare	1	Jan.	1996	-	31	Dec. 1999
Late Prof. M.P. Tandon	1	Jan.	2000	-	15	June 2003
Prof. S.L. Srivastava	18	June	2003	-	31	Dec. 2007
Prof. CBL Srivastava	2	July	2006	-		Sept. 2006
Prof. U.C. Srivastava	1	Jan.	2008	-	31	Dec. 2011
Prof. Satya Deo	1	Jan.	2012	-	31	Dec. 2015
Prof. B. Ramakrishnan	1	Jan.	2016	-	31	Dec. 2019
Prof. U.C. Srivastava	1	Jan.	2020	-	31	Dec. 2023

Foreign Secretaries

```
Late Prof. N.R. Dhar
                                 Jan. 1981 - 31 Dec. 1982
Late Prof. Krishnaji
                                               31 Dec. 1983
                                 Jan.
                                       1983 -
Late Prof. D.B. Chandra
                                 Jan. 1984 -
                                               31 Dec. 1986
Late Prof. H.C. Khare
                                 Jan. 1987 -
                                               31 Dec. 1988
Dr. C.B.L. Srivastava
                                 Jan. 1989 -
                                               31 Dec. 1990
Dr.(Miss) Dipika Kaul
                                 Jan.
                                       1991 - 10 Feb. 1993
                              1
                                               31 Dec. 1994
Prof. Alok K. Gupta
                                 Feb.
                                       1993 -
                              11
Prof. C.B.L. Srivastava
                                 Jan. 1995 -
                              1
                                               31 Dec. 1996
Dr. Om Prasad
                                 Jan. 1997 -
                                               26 July 1997
                              1
Late Dr. V.P. Sharma
                                       1997 -
                                               31 Dec. 1998
                              27
                                 July
Prof. Jai Pal Mittal
                                 Jan. 1999 -
                                               31 Dec. 2000
Prof. Kasturi Datta
                                 Jan. 2001 -
                                               31 Dec. 2002
Dr. S.E. Hasnain
                                 Jan. 2003 -
                                               31 Dec. 2004
Prof. Vijayalakshmi Ravindranath 1
                                 Jan. 2005 -
                                               31 Dec. 2006
Prof. (Mrs.) Veena Tandon
                                 Jan. 2007 -
                                               31 Dec. 2008
Prof. Pramod Tandon
                                 Jan. 2009 -
                                               31 Dec. 2010
Prof. Balram Bhargava
                                 Jan. 2011 -
                                               31 Dec. 2012
                              1
Prof. Paramjit Khurana
                                 Jan. 2013 -
                                               31 Dec. 2014
                              1
Prof. N.R. Jagannathan
                              1
                                 Jan. 2015 -
                                               31 Dec. 2016
Prof. Pramod K.Garg
                              1
                                 Jan. 2017 - 31 Dec. 2018
Prof. P.N. Rangarajan
                                 Jan. 2019 - 27 Feb. 2021
                              1
Prof. Amit Prakash Sharma
                                 Mar. 2021 - 31 Dec. 2022
```

FOUNDER FELLOWS

- **1. Prof. Meghnad Saha,** D.Sc.(Cal.), FRS, F.A.S.B., F.Inst.P., P.R. Scholar, Professor of Physics, Allahabad University, Allahabad.
- **2. Prof. N.R. Dhar,** D.Sc.(London), Docter es Sciences (Paris), F.I.C., I.E.S., Professor of Chemistry, Allahabad University, Allahabad.
- **3. Prof. B. Sahni,** D.Sc.(Lond.), Sc.D.(Cantab.), F.R.S., F.A.S.B., Professor of Botany, Lucknow University, Lucknow.
- **4. Prof. A.C. Banerji**, M.Sc.(Cal.), M.A.(Cantab.), F.R.A.S.(Eng.), I.E.S., Professor of Mathematics, Allahabad University, Allahabad.
- Dr. Luxmi Narayan, D.Sc.(Alld.), Reader in Mathematics, Lucknow University. Lucknow.
- Prof. Andre Weil, D.Sc.(Paris), Professor of Mathematics, Muslim University, Aligarh. (Present Address - Professor of Mathematics, Institute of Advance Study, Princeton, N.J., U.S.A.)
- **7. Prof. Ch. Wali Mohammad,** M.A.(Cantab.), Ph.D.(Gottingen), I.E.S., Professor of Physics, Lucknow University, Lucknow.
- **8. Mr. G.Chatterjee,** M.Sc., Meteorologist, Upper Air Observatory, Agra.
- **9. Prof. P.S. MacMahon**, B.Sc.(Hons. Oxon.), M.Sc. (Manchester), Professor of Chemistry, Lucknow University, Lucknow.
- Prof. D.R. Bhattacharya, MSc(Alld.), PhD(Dublin), Docteur es Science (Paris), Professor of Zoology, Allahabad University, Allahabad.
- **11. Prof. K.N. Bahl**, D.Phil.(Oxon.), D.Sc.(Punjab), Professor of Zoology, Lucknow University, Lucknow.
- **12. Prof. J.H. Mitter,** M.Sc., Ph.D.(Lond.), Professor of Botany, Allahabad University, Allahabad.
- **13. Prof. K.C. Mehta,** Ph.D.(Cantab.), M.Sc.(Punjab), Professor of Botany, Agra College, Agra.
- **14. Prof. K.K. Mathur,** B.Sc.(Hons.,Lond.), A.R.S.M., Professor of Geology, Banaras Hindu University, Varanasi.
- **15. Mr. G. Clarke,** F.I.C., F.C.S., C.I.E., Director of Agriculture, United Provinces, Lucknow.
- **16. Mr. P.B. Richards,** A.R.C.S., F.E.S., Entomologist to the Government, United Provinces, Cawnpore.
- **17. Mr. R.L. Sethi**, B.Sc.(Agri.,Edin.),M.Sc.,MRAS(Lond.), Economic Botanist to the Government, United Provinces, Cawnpore.
- **18. Prof. H.D.H. Drane,** M.Sc., Ph.D., A.M.I.E.E., A.M.I., Chem.E., Principal, Harcourt Butler Technological Institute, Cawnpore.
- **19. Prof. C.A. King,** B.Sc.(Hons., Eng., Lond.), ARCSc, MIME, Principal, Engineering College, BHU, Varanasi.

HONORARY FELLOWS

Year of Name, Designation and Address Election

- 2010 AMBANI, Mukesh (b. 1957), Chairman & Managing Director, Reliance Industries Limited, Maker Chambers - IV, 222, Nariman Point, Mumbai - 400021; Tel. (022) 22785000(O); Email: mukesh.ambani@ril.com
- 2013 **BAMJI, Mahtab S.** (b. 1934) Ph.D., FNAAS, FAMS, FNA, INSA Emeritus Scientist, Dangoria Charitable Trust, Hyderabad 500020; Director Grade Scientist, Retd., NIN, Hyderabad; Res. 211, Sri Dattasai Apartments, RTC Cross Rds, Hyderabad 500020; Tel. (040) 27615148(R), 09246886442, 09505838921 (M); Email: msbamji@gmail.com; mahtabbamji@yahoo.com; Sp. **Biochemistry/Nutrition.**
- 1980 **HARRISON, J.D.L.** Energy Adviser, Overseas Development Administration, London;
- JOSHI, Murli Manohar (b. 1934) M.Sc., D.Phil., Member of Parliament (Lok Sabha) and formerly Cabinet Minister for Home Affairs, HRD; S&T and DOD, Union Govt. of India, New Delhi; Formerly Professor & Head, Department of Physics, University of Allahabad; Res. 'Angiras' 9/10-A, Tagore Nagar, Anukul Chandra Banerjee Road, Prayagraj 211002; and 6, Raisina Road, New Delhi 110001; Tel. (0532) 2465008, 2466860 (Alld.)(R); (011) 23718444, 23711144 (N.Delhi)(R); Fax: 23711772 (N.Delhi); Email: murli@sansad.nic.in; Sp. Spectroscopy.
- 1980 KRANZ, Jurgen (b. 1925) Ph.D., Formerly Professor, Dept. of Phytopathology & Appl. Entomology, Justus-Liebig-Universitat; Res. 35394 Giessen, F.R. Germany, Rehschneise 75; Tel. (0641) 492836; Fax: 43875(R); Sp. Epidemiology of Plant Diseases/ Tropical Plant Diseases.
- 2023 NARAYANA MURTHY, N.R. (b. 1946) M.Tech.,D.Sc.(hc), FNAE, FCSI, FAIMA, International Member, NAE(USA), Formerly Chairman Emeritus, Infosys Ltd., Bangalore; Res. 575, 21st Main, Jayanagar 4T Block, Bangalore 560041; Tel. (080) 26649440, 26649443(O), 26633718, 26638709(R); Email: nmurthy@catamaran.vc, Sp. Computer Software/Performance Engineering.

Abbreviations used: b-Born; Res-Residence; Tel-Telephone; (O)-Office; (R)-Residence; Sp-Specialization.

- PRAMER, David (b. 1923) Ph.D.(Rutgers), Professor of Microbiology & Associate Vice President, Rutgers University, Office of Corporate Liaison, 377 Hoes Lane, Piscataway, New Jersey, USA 08855; Res. 208 Hampshire Court, Piscataway, New Jersey, USA 08854; Tel. 908-445-2863(O), 908-463-3866(R);Sp. Microbial Ecology (b. 2022), Ph.D. (Purdus), Prince (b. 2022), Ph.D. (Purdus), Ph.D. (Purdus),
- 1977 RAMACHANDRAN, Arcot (b. 1923) PhD(Purdue), Dring(hc), DSc(hc), FNA, FASc, FNAE, Former Under Secretary General, UN Ctr for Human Settlements (Habitat), Secretary, Department of Science & Technology, DG, CSIR; Chairman, TERI,New Delhi; Res. 3 Crescent Road, High Grounds, Bangalore- 560 001; Tel. (080) 22255780(R); Email: arcotsusila@gmail.com; Sp. Thermal Engineering & Heat Transfer.
- Sp. Thermal Engineering & Heat Transfer.

 SHARMA, Man Mohan (b. 1937) PhD, DSc(hc), LLD, FNA, FASc, FRS, FTWAS, AcSIR Academy Professor, JNCASR; Emeritus Professor of Eminence and formerly Professor of Chemical Engineering & Director, Institute of Chemical Technology, Matunga, Mumbai-400019; Res. 2/3, Jaswant Baug (Runwal Park), Behind Akbarally, Chembur, Mumbai 400071; Tel. 09833052278(M); Email: profmm sharma@gmail.com; Sp. Mass Transfer with Chemical Reaction/Separation Technology/ Catalysis with Ion Exchange Resins.
- Award: Prof. N. R. Dhar Memorial Lecture Award NASI (1999).

 SHAW, Kiran Mazumdar (b. 1953) Chairperson & Managing Director, Biocon Limited, 20th KM, Hosur Road, Electronic City, Bengaluru 560100; Tel. (080) 28082808(O); Fax: 28523423; Email: kiran.mazumdar@biocon.com;
- 2010 **TATA, Ratan N.**, Chairman & Managing Director, Tata Sons, Bombay House, 24, Homi Mody Street, Mumbai 400001; Tel. (022) 66658282(O)
- VARADARAJAN, Srinivasan (b. 1928) Ph.D.(Delhi, Cantab), D.Sc.(h.c.), D.Litt.(h.c.), FNA, FASc, FNAE, FTWAS, INSA Platinum Jubilee Professor; Secretary, Govt. of India, DST, Chief Consultant, Planning Commission of India and D.G. (CSIR); Res. 4A Giridhar Apartments, 28, Firoz Shah Road, New Delhi-110001;Tel. (011) 23221932-50, 23230828(0), 23712512, 23713137(R); Fax: 23231095; Email: varadr@gmail.com; esoffice@insa.nic.in; Sp. Organic and Biological Chemistry and Technology.
- Chemistry and Technology.

 1998 WATSON, James D., (b. 1928) Ph.D., N.L., Chancellor Emeritus, Cold Spring Harbor Laboratory, One Bungtown Road, Cold Spring Harbor, New York 11724, USA; Tel. (516) 367-8311; Fax: 367-8480; Website: cshl.org; Sp. Molecular Genetics.

 WILCOXSON, Roy D. (b. 1926) Ph.D., Dept. of Plant Pathology, University of Minnesota, 495, Borlaug Hall, 1991, Upper Buford Circles 14, Double Minnesota, 55109; Borlaugh Hall, 1991, Upper Buford
- WILCOXSON, Roy D. (b. 1926) Ph.D., Dept. of Plant Pathology, University of Minnesota, 495, Borlaug Hall,1991, Upper Buford Circle, St. Paul, Minnesota-55108; Res. 1491 Raymond Ave., St. Paul, Minnesota-55108; Tel. 612-625-3764,647-0653; Sp.Diseases of Cereals.
- WUTHRICH, Kurt (b. 1938) PhD, DSc(hc), DChem (hc), FNA; Foreign Associate, US Nat.Acad.Sci.USA; Foreign Member, The Royal Soc., UK; NL; Professor of Biophysics, Institute of Molecular Biology and Biophysics, ETH Zurich, Otto-Stern-Weg 5, CH-8093 Zurich, Switzerland, Tel. +41-44-633-2473, Email: wuthrich@mol.biol.ethz.ch; Cecil H. and Ida M. Green Professor of Structural Biology, Scripps Research, 10550 N. Torrey Pines Rd., La Jolla, CA 92037, USA, Tel. +1-858-784-8011, Email: wuthrich@scripps.edu; Sp. Structural Biology/Structural Genomics/Biochemistry.

FOREIGN FELLOWS

Year of Election	Name, Designation and Address
1997	ADHYA, Sankar L. (b. 1937) Ph.D., D.Sc., FNA, NAS (USA), Am Acad Microbiology, Chief, Developmental Genetics Section, Lab of Molecular Biology, DBS, National Cancer Instt., National Instt. 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; Sp.Genetics/Biochemistry/Prokaryotes(Bacteriophages).
2011	AJAYAN, Pulickel M., Ph.D., FAAAS, Benjamin M. and Mary Greenwood Anderson Professor of Engineering, Mechanical Engineering & Materials Science Department, Rice University, 6100 Main Street, Houston, Texas 77005, USA; Res. 203 Pacific Street, Houston, Texas 77006, USA; Tel. 713 348 5904(O), 518 248 0344(R); Email: ajayan@rice.edu; Sp. Engineering Sciences.
1999	ALBERTS, Bruce Michael (b. 1938) Ph.D., FNA, Chancellor's Leadership Chair in Biochemistry & Biophysics for Science & Education at the University of California, San Francisco; Former United States Science Envoy; Former Editor-in-Chief, Science Magazine, Former President, U.S. National Academy of Sciences; UCSF MC 2200; Genentech Hall N312, 600-16th Street, San Francisco, CA, USA 94158-2517(office); Tel. (001-415) 476-0806; Email: balberts@ucsf.edu;Sp. Biochemistry.
2017	ANDERSON, Diana (b. 1940) PhD, FRSM, FRCPath, FIFST, FRSB, FRSC, Established Chair Professor of Biomedical Sciences, University of Bradford, Richmond Road, Bradford, BD7 1DP, UK; Res. 8 Meadowcroft Rise, Bierley, Bradford, BD4 6EP, West Yorkshire, UK; Tel. +44(0)1274 233569(O), 689802(R), +44(0) 7747112425(M); Fax: 235600; Email: d.anderson1@bradford.ac.uk; Sp. Genetic Toxicology/Reproductive
1984	Toxicology/Cancer Biology. ARNTZEN, Charles Joel (b. 1941) PhD, Professor Emeritus and Founding Director, Biodesign Institute, Arizona State University; 20847 W. Canyon Drive, Buckeye AZ 85396, USA; Tel. +1 480-225-9412; Email: charles.arntzen@asu.edu; Sp. Photosynthesis/Plant Molecular Biology.

ARVIND (b. 1947) MS, Ph.D., FIEEE, FACM, Member NAE(USA), Member AAAS(USA), Johnson Professor of Computer Science & Engineering, Massachusetts Institute of Technology, 32-866 Stata Center, 32 Vassar Street, Cambridge, MA 02139, USA; Res. 34 Lombard Road, Arlington, MA 02476, USA; Tel. +1 617 253 6090(O), +1 781 646 1142(R), +1 617 901 0641(M); Email: arvind@mit.edu; Sp. Computer Architectures/Programming Languages and Compilers/Hardware Design and Tools.

ASHTEKAR, Abhay Vasant (b.1949) PhD(Chicago), Member, NAS(USA), Honorary Fellow, Indian Academy of Science; Director, Institute for Gravitation & The Cosmos, Eberly Chair holder and Evan Pugh Professor of Physics, 104, Davey, Penn State, University Park, PA 16802-6300, USA; Res. 1309, Inverary Place, State College, PA 16801, USA; Tel. (814) 863-9601, 863-9605(O), Fax : (814) 863-9608; Email : ashtekar.gravity@gmail.com; Sp. General Relativity/Quantum Theory/Geometry.

ATTFIELD, John Paul (b. 1962) DPhil, FRS, FRSE, FRSC, FNA, Chair of Materials Science at Extreme Conditions, School of Chemistry & Centre for Science at Extreme Conditions, University of Edinburgh, Edinburgh EH9 3FD, UK; Res. 9 Boswall Loan, Edinburgh EH5 1AS, UK; Tel. +44 1316517229(O), +44 7824395016(M); Fax: +44 1316517049; Email: j.p.attfield@ed.ac.uk; Sp. Materials Chemistry/Solid State Chemistry/High Pressure Science.

2019 BADYAL, Jas Pal Singh (b. 1964) PhD,FRS(UK), Professor, Chemistry Department, Durham University, Durham DH1 3LE, England, UK; Res. Redgate House, Wolsingham, County Durham DL13 3HH, England, UK; Tel. +44-191-334-2001(O); Email: j.p.badyal@durham.ac.uk; Sp. Surface Science.

2019 BANERJEE, Utpal (b. 1957) PhD, HHMI Professor, 5028 Terasaki Life Sciences Building, UCLA, Los Angeles, CA 90095; Res. 12968 Greenleaf St. Studio City CA 91604, USA; Tel. +1-310-206-5439(O), +1-818-235-9737(M); Email: banerjee@mbi.ucla. edu; Sp. Signal Transduction/Metabolism/Developmental Biology.

2018 BHADESHIA, Harshad Dharamshi (b. 1953), PhD, FRS, FREng, FNAE, FIMMM, Tata Steel Professor of Metallurgy, University of Cambridge, Materials Science & Metallurgy 27 Charles Babbage Road, Cambridge, CB3 0FS, UK; Res. 57 Barrons Way, Comberton, CB23 7EQ, UK; Tel. +44 1223 334300(O), 263775(R); Email: hkdb@cam.ac.uk; Sp. Metallurgy/Materials Science/Steels.

1998 BAHADUR, Birendra (b. 1949) Ph.D., Formerly Principal Engineer, Rockwell Collins Inc., USA; Res. 6809 Spring Grove CT NE, Cedar Rapids, IA 52411, USA; Tel. 319-294-8891(R), 319-651-1699(M); Fax: 319-294-8891; Email: bbahadur.acad@hotmail.com, bbahadur@msn.com; Sp. Liquid Crystal Displays (LCDs)/OLEDs/Displays - All Others/Liquid Crystals/optics and Electrooptics.

1985 **BALKANSKI, Minko** (b. 1927) Ph.D.,Dr.es.Sc., Professor of Physics Emeritus, Res. 2 Avenue de Camoens 75116, Paris, France; Tel. ++33145204845, ++33687842831; Email: balkanski.minko@gmail.com; Sp. **Solid State Physics.**

2011 **BAULCOMBE, David C,** Ph.D.,FRS,FMedSci., NAS(USA), Royal Society Edward Penley Abraham Research Professor, Department of Plant Sciences, University of Cambridge, Downing Street, Cambridge, CB2 3EA, UK; Res. 63, Caernarvon Road, Norwich NR2 3HY, UK; Tel. (+44) 1223 339 386(O); Fax: 122 3333 953; Email: dcb40@cam.ac.uk; Sp. **Genetics/Plant Pathology.**

2008 **BEACHY, Roger N.** (b. 1944) PhD, US NAS, FNA, Professor Emeritus, Department of Biology, Washington University, One Brookings Ave. St. Louis, MO 63105, USA; Tel. (+1) 314-323-6030; Email: rbeachy@wustl.edu; Sp. **Plant Sciences/**

Molecular Biology/Virology/Biotechnology.

1991 BECKER, Edwin, D. (b.1930), Ph.D.(Calif.), Scientist Emeritus, National Institutes of Health, Bethesda, Maryland-20892-0520, USA; Tel. 1-301-496-1024(O), 1-703-757-0519(R); Email: tbecker@nih.gov; Sp. Spectroscopy/Nuclear Magnetic Resonance.

2009 BHARGAVA, Manjul Ph.D.(Princeton), FNA, Professor, Dept. of Mathematics, Princeton University, Princeton, NJ 08544, USA; Tel. (+1) (609) 2584192(O), Fax: 2581367; Email: bhargava@

math.princeton.edu; Sp. Number Theory.

BHARGAVA, Suresh Kumar (b. 1953) PhD, DSc, FRACI, FTSE, FRSC, FNAE, FAPAS, FAAAS, FTWAS, Distinguished Professor & Dean, Research & Innovation, Research partnerships (India), Director for CAMIC, STEM College, RMIT University, GPO Box 2476, Melbourne, Victoria 3001, Australia; Res. 16, Jedem Close, View Bank, Victoria 3084, Australia; Tel. +61 3 99253365, 99252330(O), 94358020(R), 417142761(M); Fax: 99253747; Email: suresh.bhargava@rmit.edu.au; Sp. Industrial Chemistry/Catalysis/Anti Cancerous Gold Drug Development/Nanotechnology/ Gaseous Sensors.

2008 BLAKEMOŘE, Sir Colin (Brian) (b.1944) BA, MA, ScD, DSc, FMedSci, HonFRCP, FRS, Yeung Kin Man Chair Professor of Neuroscience & Senior Fellow, Hong Kong Institute for Advanced Study, AE-001, City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong; Tel. +85234422747(O), +85267319107(M); Fax: +85234420825; Email: colin.blake more@cityu.edu.hk; colin.blakemore@sas.ac.uk; colin.blake more@dpag.ox.ac.uk; Sp. Neuroscience/ Developmental

Biology/Physiology.

2017 BRENNER, Dean E. (b. 1949) MD, Professor of Internal Medicine & Professor of Pharmacology, 2150 Cancer Center, University of Michigan Medical Center, Ann Arbor, Michigan 48109-5930, USA; Res. 2004 Morton Ave, Ann Arbor, Michigan 48104, USA; Email: dbrenner@umich.edu; Sp. Medical Oncology/Clinical Pharmacology.

1990 BRUNTDLAND, (Mrs.) Gro Harlem Stortinget, Oslo - 1,Norway; Sp. Environment.

BURMA, Sandeep (b. 1967) PhD, Professor & Vice Chair (Res.),
Department of Neurosurgery, University of Texas Health
Science Center at San Antonio, 7703 Floyd Curl Drive,
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sandeepburma3@gmail.com; Sp. DNA Repair/Radiation
Oncology/Cancer Biology.

Oncology/Cancer Biology.

CAZENAVE, Anny (b. 1944) Ph.D., Senior Scientist at LEGOS-CNES, 18 AV. Edouard Belin, 31401 Toulouse, France; Res. 4 Chemin du Chatcau d'Eau, 31320 Castanet, France; Tel. 33-5-61 332922(O), 818901(R); Fax: 253205; Email: anny.cazenave@legos.obs-mip.fr; anny.cazenave@cnes.fr; Sp. Earth Sciences: Oceanography, Geosciences.

1990 CHAKRABARTY, Ananda Mohan (b. 1938) Ph.D., D.Sc. (h.c.), Distinguished University Professor, Department of Microbiology & Immunology, University of Illinois College of Medicine, 835 South Wolcott Avenue, Chicago, IL60612, U.S.A.; Res. 206, Julia Drive, Villa Park, IL 60181, U.S.A.; Tel. (312)-996-4586(O), (630)-834-4388(R); Fax: 996-6415; Email: ananda. chakrabarty@uic.edu; pseudomo@uic.edu; Sp.Molecular Biology/Microbiology.

1998 CHEETHAM, Sir Anthony Kevin (b. 1946) D.Phil. (Oxon.), FRS, Research Professor, Materials Research Laboratory, University of California, Santa Barbara, CA 93106, USA; Tel. (+1) 805-893-7233(O); Fax: 805-893-8797; Email: akc30@cam.ac.uk;

Sp. Chemistry of Materials.

2023 CHORGHADE, Mukund Shankar (b. 1953) PhD, FAAAS, FACS, FAIC, FICS, FISCB, FNASi, FRACI, FRSC, C.Chem., Adjunct Research Professor at Harvard, MIT, University of Illinois and Rutgers in USA, Cambridge, Leeds in UK; Res. 7 Jones Court, Hillsborough, NJ 08844-4597; Tel. 508-308-3891(M), 908-262-2428(R), Email : mukundchorghade@fas.harvard.edu; chorghad@mit.edu; Sp. Organic Chemistry/Molecular Medicine/Science & Technology Based Entrepreneurship.

CHOWDARI, B.V.R. (b. 1943) PhD, DLitt, DSc, Senior Executive Director & President Emeritus, Materials Research Society of Singapore, School of Materials Science & Engineering, 50 Nanyang Ave., Nanyang Tech. University, Blk.N4.1 #01-02a,Singapore Res. 3 Jubilee Road, Singapore - 128527; Tel. +65 67906795(O), 67767080(R), 93396979(M); Email: chowdari@mrs.org.sg; chowdari@ntu.edu.sg; Sp. Materials Science & Engineering/Energy Storage/Functional Materials & Applications.

2001 CIARLET, Philippe G. (b. 1938) Ph.D., D.Sc., Emeritus Professor, Department of Mathematics, City University of Hong Kong, 83, Tat Chee Avenue, Kowloon, Hong Kong; Res. 38 rue Louis Blanc, 45500 GIEN, France; Tel. +33 0767438633(O); Email: mapgc@cityu.edu.hk; Sp. Numerical Analysis/Mathematical Elasticity/Plates and Shells/Applied Differential Geometry.

2007 CLARK, Robin J. H., (b. 1935) CNZM., Ph.D., (London), D.Sc.(London), FRS, FRSA, FRSC, FUCL, Hon. FRI, Hon. FRSNZ, Sir William Ramsay Professor, Department of Chemistry, University College London, 20 Gordon Street, London WC1H 0AJ UK; Res. 3A Loom Lane, Radlett, Herts, UK; Tel. 44(0)20-7679-7457(O); Fax: 44(0)20-7679-7463; Email: r.j.h.clark@ucl.ac.uk; Sp. Transition Metal Chemistry/Infrared and Raman Spectroscopy.

1998 COHEN-TANNOUDJI, Claude Nessim (b.1933) Ph.D., FASc, FNA, Professeur au College de France, Laboratoire Kastler Brossel, 24 rue Lhomond 75231 Paris, Cedex 05, France; Res. 38 rue des Cordelieres, 75013, Paris, France; Tel. 0033(O) 147077783(O); Fax: 144323494; Email : claude.cohentannoudji@lkb.ens.fr; Website : http://www.phys.ensfr/%7 eclaude%20cohen-tannoudji/cct.htm; Sp. Atomic, Molecular and Optical Physics.

1996 COX, David (b. 1924) Ph.D., D.Sc.(h.c.), FRS, Honorary Fellow, Nuffield College, Oxford; Res. Nuffield College, Oxford OX1 1NE, U.K.; Tel. 44-1865-278-690; Fax: 278-621; Email: david.cox@nuffield.ox.ac.uk; Website: www.stats.ox.ac.uk/people/cox/index.htm; Sp. Statistics.

2014 DAVISON, John (b. 1941) PhD(Edinburgh, UK), Professor, INRA, route de saint Cyr, 78026 Versailles cedex, France; Email : davison@versailles.inra.fr; Sp. Genetic Engineering.

DEEN, Mohamed Jamal (b. 1955) PhD, FRSC, A-CAS, FCAE, FTWAS, FNASI, FINAE, FCSSE, FIEEE, FAPS, FECS, FAAAS,FEIC, Distinguished University Professor, Electrical & Computer Engineering and School of Biomedical Engineering, McMaster University, 1280 Main Street West, Hamilton, ON L8S 4K1, Canada; Res. 6, Pimlico Drive, Dundas, ON L9H 6J5, Canada; Tel. +1 905 525 9140 Ext. 27137(O), 627 5403(R); Email : jamal@mcmaster.ca; Sp. Nanoelectronics/Optoelectronics/Nanotechnology/Data Analytics.

2000 **DESHPANDE, Gururaj** (b. 1950) ME(New Brunswick), PhD (Queens), Sycamore Networks,10 Elizabeth Drive, Chelmsford, MA 01824, USA;

DIMITROV, Stefan (b. 1951) PhD, Foreign Member of the Academy of Sciences of Bulgaria, Emeritus Director of Research, National Center for Scientific Research, Institute for Advances Biosciences, Site Sante – Allee des Alpes, 38700 La Tronche, France; Res. 33, Av. De La Plaine Fleurie, 38240 Meylan France; Tel. (00-33-4) 76902227(R), (00-33-6) 70783789(M); Email: stefan.dimitrov@univ-grenoble-alpes.fr; Sp. Epigenetics /Biochemistry/Biophysics.

DIXNEUF, Pierre H. (b. 1940) PhD, Research & Emeritus Professor, University of Rennes, CNRS-UR1 Institute of Chemistry, Department of Catalysis, Batiment 10C, Campus de Beaulieu, Av General Leclerc, 35042, Rennes-Cedex, France; Res. 4 rue d'Isly, 35000 Rennes, France; Tel. +33223236280(O), +33299300715(R), +33607176660(M), Email: pierre.dixneuf@univ-rennes1.fr; Sp. Chemical Sciences: Catalysis/Organometallics/Organic.

1999 DURST. Franz Josef (b. 1940) PhD. DSc. Dr.h.c.mult. (Lissabon. Lucknow & Sarajewo), Former Director of FMP Technology GmbH, Am Weichselgarten 34, 91058 Erlangen, Germany; Former Head of Institute of Fluid Mechanics, Friedrich-Alexander-Universitat Erlangen-Nurnberg, Cauerstrasse, 4, 91058 Erlangen, Germany; Former Professor of Fluid 91058 Erlangen, Mechanics, University of Karlsruhe, KaiserstraBe 12, 76131 Karlsruhe, Germany; Res. Eichenstrasse Langensendelbach, Germany; Tel. +49-172-8565359, 9133-5790(R); Fax: +49-91333214; Email: franz.durst@mailbox.org; Sp. Fluid flow measuring techniques with emphasis laser Doppler - and phase Doppler - Anemometry/Numerical fluid mechanics with emphasis on method developments/ Laminar and Turbulence Transition/Turbulence with emphasis on anisotropic turbulence/Transition of pipe flows/Coating and drying of thin fluid films/Extended Navier-Stokes equations/Evaporation of fluids.

2023 ECKERT, Jürgen Hartmut (b. 1962) PhD, FNAE, Director, Erich Schmid Institute of Materials Sciences, Jahnstrasse 12, 8700 Leoben, Austria; Res. Dreihufeisengasse 10, 8700 Leoben, Austria, Tel. 0043-3842-804-109,111,112(O),3842-42358(R), 00436646127219(M); Fax: 0043-3842804116; Email: juergen.eckert@unileoben.ac.at; juergen.eckert@oeaw.ac.at; Sp. Materials Physics/Metastable Materials/Non-Equilbrium Phase Formation and Properties.

1983 FORD, Richard Earl (b. 1933) Ph.D., Executive Director, Consortium for International Crop Protection, 2040 Cordley Hall, Oregon State University, Corvallis OR 97331-2915, USA; Res. 23899 Neuman Road, Corvallis, OR 97333-9311, USA; Tel. (541) 737-5673(R); Fax: 737-3080; Email: r-ford1@uiuc.edu, cicp@uiuc.edu; Sp. Plant Virology/Maize/Legume Viruses.

2018 GAZIT, Ehud (b. 1966), PhD, FRSC, OSSI, Professor and Endowed Chair, Department of Molecular Microbiology & Biotechnology, Tel Aviv University, Tel Aviv 69978, Israel; Res. 32 Trumpeldor St., Ramat Hashavon 47264, Israel; Tel. +972-3-6409030(O), 5494247(R), +972-54-6615251(M); Email: ehudg@post.tau.ac.il; Sp. Nanotechnology/Supramolecular Chemistry/Peptido and Metabolite Chemistry.

GHOSH, Sankar (b. 1959) PhD, FNAS(USA), FNAM(USA), FAAAS(USA), FAAASc(USA), Silverstein & Hutt Family Professor and Chairman, Microbiology & Immunology Dept Columbia University, Vagelos College of Physicians & Surgeons, HHSC 1210, 701W 168 Street,New York 10032,USA; Res. 96 Skymeadow Drive, Stamford, CT 06903, USA; Tel. +1-2123045257(O),+1-6468384985, +1-6463850226 (M); Email: sg2715@columbia.edu; sg2715@cumc.columbia.edu; Sp. Molecular and Cell Biology/Microbiology/Immunology.

2006 **GILL, Bikram S.** (b. 1943) Ph.D.(California),FNAAS, University Distinguished Professor, Department of Plant Pathology, Kansas State University, Manhattan, KS 66506,USA; Res. 3905 Erin Cir, Manhattan, KS 66503, USA; Tel. 785-532-1391(O), 785-776-5962(R); Fax: 785-532-5692; Email: bsgill@ksu.edu; Sp. **Genetics/ Biotechnology/Plant Protection.**

2015 GREE, Rene Louis (b. 1948) Ph.D., Directeur de Recherche CNRS (Em.), Universite de Rennes, Institut des Sciences Chimiques de Rennes, CNRS UMR 6226, Avenue du General Leclerc, 35042 Rennes-Cedex, France; Res. 52 Boulevard De Dezerseul, 35510 Cesson-Sevigne, France; Tel. (+33)(0) 223235715(O), (+33)(0)675930273(M); Fax: 223236978; Email: rene.gree@univ-rennes1.fr; Sp. Organic/Medicinal/Applied Chemistry.

2020 HINCH, Edward John (b. 1947) PhD,FRS(London), Professor Emeritus, Cambridge University, CMS-DAMTP, Wilberforce Road, Cambridge, CB3 0WA, UK; Res. 61 Beechwood Avenue,Bottisham, Cambridge, CB25 9BG, UK; Tel. +44(0)1223 337864(O), 811707(R), +44(0)7712571451(M); Email: ejh1@cam.ac.uk; Sp. Applied Mathematics.

2002 ITO, Masao (b.1928) MD, Ph.D., RIKEN Brain Science Institute, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan; Res. 4-17-22 Kyonancho, Musashino-shi, Tokyo 180-0023, Japan; Tel. +81-48467-6984(O), 422-32-3652(R); Fax:48467-6975; Email: masao@brain.riken.jp; Sp. Physiology/ Neuroscience/Motor Control.

2000 IVANOV, Vadim Tikhonovich (b. 1937) Ph.D., D.Sc., Professor, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, UL Miklukho-Maklaya 16/10 Moscow Russia - 117871; Secretary of the Division of Physico-Chemical Biology of Russian Academy of Sciences; Res. Leninski Prospekt 69-3-396, Moscow, Russia; Tel. (7-095) 3305638(O), 1320406(R); Fax: 3305692; Email: ivavt@mail.ibch.ru; Sp. Bioorganic Chemistry/Biochemistry.

2020 JAGADISH, Chennupati (b. 1957) PhD,MNAE(US),FREng, FMCAS,FNAI,FAA,FTSE,FNA,FTWAS, FNAE, FASc, FEURASc, FAPAS, Distinguished Professor, Research School of Physics, Australian National University Canberra, ACT 2601, Australia; Res. 10 Salerno Street, Forestville, NSW 2087, Australia; Tel. +61261250363(O), +61422636898(M); Email: chennupati. jagadish@anu.edu.au; Sp. Nano-technology/Photonics/Optoelectronics/Semiconductors/ Energy/Neuroscience.

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2009 KAILATH, Thomas Sc.D. (MIT), US NAS, US NAE, Amer. Acad, of Arts and Sciences; For Mem: Royal Society of London, Royal Spanish Acad. Eng., INAE, INSA, IAS, NASI. Hitachi America Professor of Engineering, Emeritus, Dept of Elec. Eng., Stanford University, CA 94305-9510, USA; Res. 346 Greenoaks Dr., Atherton CA 94027, USA; Email: kailath@stanford.edu; Sp. Signal Processing, Information Theory, Communications, Control, Matrix Theory, Linear Algebra.

2016 KAUL, Sunil (b. 1959) PhD, FGŚI, FBRS, FIAN, Chief Senior Research Scientist, National Institute of Advanced Industrial Sci. & Tech., Central 5-41, 1-1-1 Higashi, Tsukuba Science City, Ibaraki 305, 8565, Japan; Res. Nagakuni Dai 3-24, Tsuchiura-shi, Ibaraki 300 0810, Japan; Tel. +81 29 8616713(O), 9096881186(M); Fax : 29 8612900; Email: kaul2kaul@yahoo.com; Sp. Stress/Aging/Cancer.

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- 2011 LEVITT, Malcolm Harris, (b. 1957) D.Phil.,F.R.S.(UK), Professor of Physical Chemistry, School of Chemistry, University of Southampton University, Southampton SO17 1BJ, UK Res. 5 Wamngton Drive, Chanduks Ford, 5053 1TR, UK; Tel. +4423 8059 6753(O), 8026 6964(R); +44 7770782024; Fax: 8059 3781; Email: mhl@soton.ac.uk; malcolmhlevitt@mac.com; Sp. Magnetic Resonance.
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- 2018 MAAZA, Malik (b. 1963), PhD, FAAS,FRSC, FEAS, FNYAS, FIAS, FAAAS, UNESCO UNISA Chair, 5 Belmondo Complex, Curlew Way, Somerset West 7129, Western Cape Province, South Africa; Res. 1 Old Faure Road, Ithemba Labs-NRF, PO Box 722, Somerset West, 7129, Sourth Africa; Tel. +27(0) 218431145/46/49, 8524107(O), 782748584(R); Email: maaza@tlabs.ac.za; Sp. Nanosciences/Nanotechnology/Nanomaterials.
- 2018 MALLAPRAGADA, Surya Kumari (b. 1972), PhD, FAIMBE, FAAAS, FNAI, FIAMBE, Distinguished Professor and Associate Vice President for Research, Iowa State University, 2114 Sweeney Hall, AMES, IA 50011, USA; Res. 3217 Aspen Circle, AMES, IA 50014, USA; Tel. (+1) 515-294-7407(O); Fax: 515-294-2689; Email: suryakm@iastate.edu; Sp. Engineering Sciences (Biomaterials).

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Laser-Induced New Properties and Structures.

2011 MURTY, Vijayakumar, PhD, DSc, FRSC, Professor, Department of Mathematics, University of Toronto, 40 St. George Street, Toronto, Ontario, M5S 2E4, Canada; Email : murty@math. utoronto.ca; Sp. Number Theory/Algebraic Geometry/ Inforamtion Technology/Mathematical Modelling.

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- 2002 NETRAVALI, Arun N. (b.1946) Ph.D., FNAE (India), FNAE (USA), Bell Labs, 600 Mountain Avenue, Murray Hill, N.J. 07974, USA; Res. 10 Byron Court, Westfield, NJ 07090, USA; Tel. (908) 5824131(O), 6547763(R); Fax: 5825595; Email: arunnetravali@att.net; arunnetravali@omnivc.com; Sp. Communications/Networking.
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- 2005 **OGAWA**, **Seiji**, (b. 1934) PhD, Distinguished University Professor, Tohoku Fukushi University, Aobaku, Sendai, Japan 989-3201; Tel. 81-467-31-4350(R), and Osaka University, Distinguished Honorary Professor; Email: ogawa-s@tfu-mail.tfu.ac. jp; ogawa_sk1904@nifty.com; Sp. **Functional MRI.**
- 1986 **OKADA, Tokindo** (b. 1927) D.Sc.(Kyoto), Professor Emeritus (Kyoto Univ.), Director, Biohistory Research Hall, Murasakicho, Takatsuki, 569, Japan; Res. 22-Minamishiba-cho, Shimagamo, Kyoto 606, Japan; Tel. 0726-81-9750 (Ext. 8401)(O); Fax: 0726-81-9758; Sp. **Developmental Biology.**
- PATEL, Chandra Kumar Naranbhai (b. 1938) Ph.D., Sc.D.(h.c.), FNA, NAS(USA), NAE(USA), National Inventors Hall of Fame (USA); Fellow, Am.Acad.Arts & Sc., Past President, Am.Phys.Soc., Sigma Xi, President & CEO, Pranalytica, Inc., 1101 Colorado Avenue, Santa Monica, CA 90401-3009; Professor Emeritus, Department of Physics & Astronomy, UCLA, USA; University Distinguished Professor, University of Central Florida, Orlando, FL 32816, USA; Res. 1171 Roberto Lane, Los Angeles, CA 90077, USA; Tel. (310) 458-3345(O), 471-6505(R); Fax: 458-0171; Email: patel@pranalytica.com; Sp. Laser/Quantum Electronics/Bioengineering.
- 2010 PAULRAJ, Arogyaswami Joseph (b. 1944) Ph.D., FTWAS, MNAE(US), FCAE(China), Professor (Emeritus), 232 Packard, Electrical Engineering Dept., Stanford University, Stanford, CA 94305, USA; Res. 821, Tolman Dr., Stanford, CA 94305, USA; Email: apaulraj@stanford.edu; Sp. Electronics & Telecom/Information Technology.

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2009 PINES, Alexander, (b. 1945), Ph.D., Glenn T. Seaborg Professor of Chemistry, University of California, Berkeley, Stanley Hall Rm 208, MC 3220, Berkeley, CA- 94720-3220, USA; Tel. +1 (510) 642-1220; Fax: +1 (510) 666-3768; Email: pines@berkeley.edu

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- 1990 RAVEN, Peter Hamilton (b. 1936) PhD, DSc, FNA, FMRS, NAS, President Emeritus, Missouri Botanical Garden, 1037 Cy Ann Drive, Town and Country, MO 63017-8402, USA; Tel. 79 314-302-1556; Email: peter.raven@mobot.org; Sp. Plant Sciences/Conservation.
- 2013 **REDDY, Anireddy S.N.** (b. 1956) MS, PhD, FAAAS, FASPB, Professor, Department of Biology and Program in Cell and Molecular Biology, Colorado State University, Fort Collins, CO 80523, USA; Tel. 970-491-5773(O); Email: reddy@colostate.edu; Sp. **Plant Sciences/Plant Molecular Biology/Plant Genomics/Agricultural Sciences/Biochemistry.**
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- 2000 **REDDY, Raj,** (b. 1937) Ph.D., D.Sc.(h.c.), FNA, Herbert A Simon University Professor of Computer Science and Robotics, Wean Hall 5325, School of Computer Science, Carnegie Mellon University, Pittsburgh PA 15217, USA; Tel. (412) 2687170(O), 2682572(R); Fax: 6835348; Email: rr@cmu.edu; Sp. **Human-Computer Interaction and Artificial Intelligence/Spoken Lanuagge System.**
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- 2012 SCHWARZ, Helmut (b. 1943) Professor of Chemistry, TU Berlin, Institute of Chemistry, Sekr. C4, Strasse des 17. Juni 115, 10623, Berlin, Germany; Res. Patschkauer Weg 15, 14195 Berlin, Germany; Tel. +49-30-314-23483(O); Fax: +49-30-314-21102; Email: helmut.schwarz@tu-berlin.de; Sp. Physical/Theoretical/Organic Chemistry.

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Engineering & Genetherapy.

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2008 WELLAND, Sir Mark Edward (b.1955) PhD, FRS, FREng, F.Inst.P., Chief Scientific Adviser to UK Govt., Ministry of Defence (2008-2012); Professor of Nanotechnology, Nanoscience Centre, University of Cambridge, 11, J.J. Thomson Avenue, Cambridge, CB3 0FF.UK; Tel. (+44 1223) 760305(O); Fax: 760309; Email:

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2007 WINDLE, Alan Hardwick (b. 1942) Sc.D., FRS, Professor, Department of Materials Science & Metallurgy, University of Cambridge, Pembroke Street, Cambridge, CBZ 3QZ, UK; Res. 15, Storey's Way, Cambridge, CB3 ODP, UK; Tel. 44-1223-334321(O); Email: ahw1@cam.ac.uk; Sp. Polymers/Carbon Nano Tubes.

2003 WOLFRUM, Juergen Manfred, (b. 1939) Dr.rer.nat, Professor, acatech, HAW, NYAS, Director Bio-Quant, Im Neuenheimer Feld 267, 69120 Heidelberg, Germany; Res. Suedring 2, 37124 Rosdorf, Germany; Tel. +49 (0) 6221-5451202, 55091389, 1733852836(M); Fax: 6221-5451481; Email: wolfrum@urz.uni-heidelberg.de; Sp. Laser Diagnostics in Chemistry/Combustion/ Catalysis/Systems Biology.

2010 WRIGHTON, Mark Stephen (b. 1949) PhD, Professor and Chancellor Emeritus, Washington University in St. Louis, MSC 1020, St.Louis, Missouri 63130, USA; Res. 7060 Westmoreland Drive, St.Louis, Missouri 63130, USA; Tel. 1-314-935-2400(O), 1-314-726-3106(R), 1-314-276-3628(M); Fax: 1-314-935-5957; Email: wrighton@wustl.edu; Sp. Inorganic and Physical

Chemistry.

1991 WYLLIE, Peter John (b. 1930) Ph.D., D.Sc.(h.c.), FNA, FRS, FCAS, Emeritus Professor, Division of Geological & Planetary Sciences, California Institute of Technology, Pasadena, CA 91125, U.S.A.; Formerly President, International Union of Geodesy and Geophysics; Formerly President, Internationa Mineralogical Association; Res. 2150, Kinclair Drive, Pasadena, CA 91107, USA; Email : wyllie@gps.caltech.edu; Sp. Experimental Petrology, Granite Carbonatite.

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2003	ABBASI, Shahid Abbas (b. 1950) PhD, D.Sc., FIIChE, FIE, FIPHE Former Sr. Professor & Head; Currently Emeritus Professor Centre for Pollution Control & Environmental Engineering Pondicherry University, Pondicherry - 605014; Res. 'Greer House', Chinnakalapet, Pondicherry - 605014; Tel. (0413 2655263, 09443265262(M); Email: abbasi.cpee@gmail.com Sp. Environmental Engineering/Energy Studies/Environmental Science/Process Safety/Bioprocess
2021	Engineering. ABHILASH, Purushothaman C. (b. 1978) PhD, FNAAS, Assistan Professor(Stage III) Institute of Environment & Sustainable Development, Banaras Hindu University, Varanasi - 221005 Res. B-31, 83-R, Professor Colony, Rashmi Nagar, Bhogaveer Lanka, Varanasi - 221005; Tel. 09415644280(M); Email pca.iesd@bhu.ac.in; Sp. Ecology/Environment & Sustainable Development.
1985	ABROL, Inder Pal (b. 1939) PhD, FNA, FNAAS, Director, Centre fo Advancement of Sustainable Agriculture (CASA), NASC Complex, DPS Marg, Pusa, New Delhi - 110012; Formerly Deputy Director General, ICAR, New Delhi; Res. A 34/2, DLF City, Phase I, Gurgaon - 122001; Tel. (011) 25848188 25846880, 39594145(O), (0124) 2358755, 2354267(R); Fax (011) 25846880, 26138632; Email : abrolip@gmail.com; Sp Soil Science/Agroforestry/Crop Production.
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Molecular Biology/Biochemistry/Microbiology.

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- AGRAWAL, Hari Om (b. 1936) M.S.(USA), D.Sc.(Holland), Assoc.I.A.R.I., FASc, FPSI, FIVS, FBS, Formerly Professor of Biotechnology, Head & Dean, HP University, Shimla; UGC Emeritus Scientist; Res. Sri Laxman Bhawan, 20/2 Indira Nagar, Lucknow 226016; Tel. (0522) 2341586(R), 09389790504(M); Sp. Virology/Microbiology/Biotechnology.
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- AGRAWAL, Prahlad Chandra (b. 1941) PhD, FASc, Former Senior Professor, Dept. of Astronomy & Astrophysics, TIFR, Colaba, Mumbai; Former PI AstroSat Satellite; Res. 405 Vigyan, Scientist's CHS, Plot 23, Sector 17, Vashi, Navi Mumbai 400703; Tel. 09867343442(M); Email : prahlad.agrawal@gmail.com; pral.chand1999@gmail.com; Sp. Experimental High Energy Astrophysics/X-ray Astronomy/Radiation Detectors for Space Missions.
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- 1996 BALYAN, Harindra Singh (b. 1951) PhD, FNAAS, FNA, INSA Honorary Scientist and Honorary Emeritus Professor, Department of Genetics & Plant Breeding, Ch. Charan Singh University, Meerut 250004; Res. 1/239, Rakshapuram, Mawana Road, Meerut-250001; Tel. (0121) 7963799(R), 09412515497(M); Email: hsbalyan@gmail.com; Sp. Genetics/ Plant Breeding/Crop Biotechnology.
- 1978 BAMBAH, Ram Prakash (b. 1925) PhD(Cantab), Sc.D. (Cantab), FNA, FASc, FTWAS, Professor Emeritus, Formerly Vice-Chancellor, Panjab University, Chandigarh; Res. 1275 Sector 19B, Chandigarh-160019; Tel. (0172) 2724863(R); 09417224863(M); Email : bambahrp@rediffmail.com; Sp. Number Theory/ Discrete Geometry.
 - Council: 95-98
- 1999 BAMEZAI, R.N.K. (b. 1951) PhD, FAMS, FNA, Former Professor of Genetics & Director (Coordinator), NCAHG, School of Life Sciences, JNU, New Delhi; Res. K-G01, Sector : 110A, Mahindra-Aura, Dwarka Expressway (Choma, Near Bajghera Rly Crossing New Palam Vihar Phase–3), Gurugram 122017; Tel. 09968131434(M); Email : bamezai@hotmail.com, bamezai@mail.jnu.ac.in; Sp. Genetics/Human Genetics.

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- 2019 BANDYOPADHYAY, Bijnan (b. 1956) PhD,FNAE,FIETE,FIEEE, Institute Chair Professor, Systems & Control Engineering Group, IIT Bombay, Mumbai 400076; Res. B-186, Ananta Building, IIT Bombay Campus, Powai, Mumbai 400076; Tel. (022) 25767889(O), 25724424(R), 09619877889(M); Fax: 25720057; Email: bijnan@sc.iitb.ac.in; Sp. Electronics & Telecommunication/Control Systems/Sliding Mode Control.
- 2010 BANDYOPADHYAY, Sanghamitra (b. 1968) PhD, FNA, FASc, FIEEE, FTWAS, FNAE, JC Bose National Fellow, Professor & Director, Indian Statistical Institute, 203, BT Road, Kolkata 700108; Res. 6, Dingshai Para Road, Bally, Howrah 711201; Tel. (033) 25773084(O), 26467081(R); Fax: 25783357; Email: sanghami@isical.ac.in; sanghami@gmail.com; Sp. Bioinformatics/Soft Computing/ Pattern Recognition.

Council: Mem. 2019-20

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- Parasite/Apoptosis & Cell Signalling/Free Radical Biology.

 2001 BANERJEA, Akhil Chandra (b. 1956) PhD, FNA, Emeritus Scientist, National Institute of Immunoloyg, New Delhi & Former Director, Institute of Advanced Virology, Sohna Road, Trivandrum; Res. B27 GF South End Floors, Sector 49, Sobna Road, Gurgaon 122018; Tel. (011) 26703615(R), 09818717833(M); Email: akhil@nii.ac.in, akhil_banerjea@yahoo.com; Sp. HIV-1/AIDS, Gene Therapy.
- 1979 **BANERJEA, Debabrata** (b.1929) PhD, DSc, FAScT, C.Chem., FRSC(Lond.), Formerly Sir Rashbehary Ghose Professor of Chemistry, Calcutta University; Res. Flat A-4/6, Iswar Chandra Nibas, 68/1, Bagmari Road, Kolkata 700054; Tel. (033) 23378681(R), 09433007899(M); Email: banerjeas2005@yahoo. co.in; Sp. Inorganic Chemistry/Coordination Chemistry/Inorganic Reaction Mechanisms.
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- 2020 BANERJEE, Dipankar (b. 1965) PhD, FASc, FRAS, Director, Aryabhatta Research Institute of Observational Sciences, Manora Peak, Nainital 263001, UK; Res. Director's Bungalow, Aryabhatta Research Institute of Observational Sciences, Manora Peak, Nainital-263001,UK Tel. (05942) 235136(O), 235053(R), 09448908461(M); Fax: 233439; Email: dipu@aries.res.in; Sp. Astrophysics/Solar Physics/Plasma Physics.
- 1991 **BANERJEE, Kalyan** (b. 1937) M.B.B.S.,PhD, FAMS, FNA, FASc, Formerly Director, National Institute of Virology, Pune; Res. A-1-A/5-6, Sopan Bang, Near Vrindavan Soc., NCL Road, Pashan 36, Pune- 411008; Tel. 08888538970(M); Fax: (020) 25651542; Email: dr_k_banerjee20@yahoo.co.in; Sp.General Virology/ Immunology of Viruses/Viral Epidemiology.
- 2001 BANERJEE, Manju (b. 1938) PhD, Professor, Department of Botany, University of Calcutta; Res. 'Arpan', Block Y, Flat No.205, 58A, NC Choudhury Road, Kolkata- 700042; Tel. (033) 24151788, 09831436793(M); Email: manjubanerjee@rediffmail.com; Sp. Palaeobotany/Palaeopalynology/Biostratigraphy/Environment.
- 1980 **BANERJEE, Mihir B.** (b. 1943) PhD, Former Professor of Mathematics, HP University, Shimla; Res. C-36/45, Sector K, Aliganj, Lucknow 226024; Sp. **Hydrodynamic & Hydromagnetic Stability.**
- 2000 BANERJEE, Rabin (b. 1955) PhD, DAE Raja Ramanna Fellow, SN Bose National Centre for Basic Sciences, Block JD, Sector III, Salt Lake, Kolkata 700098; Res. CD-54, Newtown, Kolkata 700156; Tel. (033) 2335-5705 to 08(O), 09163026144(M); Fax: 23353477; Email: rabin@bose.res.in; Sp. Physics (High Energy Physics).
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- 1974 BANERJI, Krishna Dulal (b. 1926) PhD, Formerly Professor & Head, Chemistry Department, Bhagalpur University, Bhagalpur-812007; Res. Flat No. C-2, Ramoni Apartments, A/6, P.G. Survey Park, Santoshpur, Kolkata-700075; Tel. (033) 24160380(R); Email: kdb380@yahoo.com; Sp. Organic Chemistry-Particularly Synthetic Organic Chemistry.
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- 2003 BAPAT, Vishwas Anant (b. 1947) PhD, FNA, NASI Honorary Scientist, Department of Biotechnology, Shivaji University, Vidyanagar, Kolhapur- 416004; Tel. (0231) 2609365(O), 09922442699, 09420775733(M); Fax: 2691533; Email: vabapat@gmail.com; Sp. Plant Sciences/Agriculture.
- 1997 BAQRI, Qaiser Husain (b.1944) PhD, D.Sc., FZSI, FNAAS, FNSI, Formerly Scientist F (Additional Director), Zoological Survey of India, Jodhpur; Res. P.O. Said Nagli, Tehsil: Hasanpur, District: Amroha 244242; Tel. (059) 24240077, 09319731160(M); Email: qaiserbaqri@gmail.com; Sp. Nematology (Taxonomy and Ecology of Plant & Soil Nematodes).
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- 2016 BARANWAL, Virendra Kumar (b. 1960) PhD, FNAAS, FIVS, FIPS, ICAR-National Professor, Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi 110012; Res. C-40, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi 110012; Tel. (011) 25848418, 25843113(O), 09818756899(M); Email: vbaranwal2001@yahoo.com; Sp. Plant Pathology/Virology.
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- 1998 BARMA, Mustansir (b. 1950) PhD, FNA, FASc, FTWAS, Professor Emeritus, Tata Institute of Fundamental Research, 36/P, Gopanpally Village, Serilingampally Mandal, Hyderabad 500107; Tel. (040) 20203084(O), 67768504(R); Fax: 24195041; Email: barma@tifrh.res.in; Sp.Statistical Physics.

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- 1993 BASU, Mukul Kumar (b. 1939) PhD, FRSC(Lond.), FAScT, FASc, Emeritus Scientist (CSIR), Formerly Director Grade Scientist & Head, Biomembrane Division, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Kolkata 700032; Res. "Punascha", 19/D, Dr. Rajendra Road, Kolkata 700020; Tel. (033) 24750958(R), 09831320967(M); Email: mukulkbasu @gmail.com; Sp. Host-parasite Interaction / Model Membranes/Targeted Delivery System.
- 1995 **BASU, Rathindra Narayan** (b.1937) PhD,DSc, Formerly Vice-Chancellor, Calcutta University; Res.196/F/8, Picnic Garden Road, Picnic Park, Kolkata-700039; Tel. (033) 2413288(O), 409040(R); Sp. **Plant Physiology/Seed Physiology.**Council: Mem. 97
- 1995 BASU, Samar Kumar (b. 1938) M.Tech., PhD, Formerly Scientist G, Ferm.Tech.Div., CDRI, PB No.173,Lucknow-226001; Res. MMB-1/62, Sitapur Road Yojana, Sector-B,Aliganj, Lucknow 226 020; Tel. (0522) 2224198(O), 2361261(R); Sp. Chemical Engineering/Biochemical Engineering.
- 1990 BASU, Sandip Kumar (b. 1944) PhD, FNA, FASc, FTWAS, Former JC Bose Chair Distinguished Professor, NASI; Res. FD 426, Sector 3, Bidhannagar, Kolkata 700106; Tel. 09891498821 (M); Email: sandipkbasu@gmail.com; Sp. Molecular Biology/Microbial Genetics/ Biochemistry.

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Council: Mem. 2017-18 G.S. 2022-

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Physical Chemistry/Applied Chemistry.

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Mathematics/Algebra.

2016

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- 2014 BHARATAM, Jagadeesh (b. 1964) PhD, Chief Scientist, Centre for NMR & Structural Chemistry, CSIR-Indian Institute of Chemical Technology, Hyderabad 500007; Res. 201, Meenakshi Arcade, Kartikeya Nagar, Nacharam, Hyderabad 500076; Tel. (040) 27193976(O), 27191601(O), 09866121601(M); Email: bj@iict.res.in; jagadeesh.bharatam@gmail.com; Sp. Chemical Sciences Magnetic Resonance.
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Council: Mem. 2022-23

2007 BHARGAVA, Balram (b. 1961) MBBS, MD, DM, FACC, FAHA, FAMS, President, NASI; Former Secretary, GoI, Department of Health Research & DG, ICMR; Professor of Cardiology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029; Res. 434, Asiad Village, New Delhi; Tel. (011) 26588204(O), 41750574(R); Fax: 26588662; Email : balrambhargava@yahoo.com; balrambhargava@gmail.com; Sp. Medicine/Cardiology.

Council: Pres. 2023- F.S. 2011-12 Mem. 2018-19

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- 1999 BHARGAVA, Srinivasamurthy (b. 1940) B.E., M.S.(USA), PhD(USA), Formerly Professor & Head of Mathematics Department, University of Mysore, Mysore; Res. 5, Second Stage, Gangotri Layout, Sahukar Channayya Road, Mysore 570009; Tel. (0821) 2544076(R), 09880692580(M); Email: srinivasamurthyb@yahoo.com, sribhargava@hotmail.com; Sp. Works of Srinivasa Ramanujan/Complex Function Theory/Optimization and Control Theory.
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- 2010 BHASIN, Kuldip Kumar (b. 1950) PhD, NASI Senior Scientist and Professor Emeritus, Department of Chemistry & CAS in Chemistry, Panjab University, Chandigarh; Res. 1654, Sector 49-B, Pushpac Complex, Chandigarh; Tel. (0172) 2534407(0), 3550942(R), 09779924966(M); Email: kkbhasin@pu.ac.in; kkbhasin1950@yahoo.co.in; Sp. Inorganic and Organometallic Chemistry.
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Award : Prof. R.N. Tandon's 90th Birthday Lecture Award-Nat.Acad.Sci. India (1993).

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2016 BHATIA, Rajendra (b. 1952) PhD, FNA, FASc, FTWAS, Professor of Mathematics, Ashoka University, Sonepat, Haryana – 131029; Res. 5092 Parker Residency, Sector 61, Sonepat – 131029; Tel. (0130) 2300754(O); Email: rajenbhatia@gmail. com; rajendra.bhatia@ashoka.edu.in; Sp. Matrix Analysis.

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- 2005 BHATLA, Satish Chander (b. 1955) PhD, Former Professor, Dept. of Botany, University of Delhi, North Campus, Delhi 110007; Res. 545A, Adani Samsara, Sector 60, Gurugram 122101, Haryana; Tel. (011) 27666744(O), 27667736(R), 09818737090(M); Fax: 27666744; Email: scbhatla@hotmail. com; bhatlasc@gmail.com; Sp. Plant Physiology and Biochemistry/Plant Growth and Development.
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 Council : Mem. 2005-06, 2009, 2012-13
- 2009 BHATNAGAR, Ashok Kumar (b. 1949) PhD, Professor, Department of Botany, University of Delhi, Delhi 110007; Res. JA/4B, Ashok Vihar-1, Delhi 110052; Tel. (011) 27667725 Extn.1425(O), 27431016(R), 09810376885(M); Email: akbhatnagar49@gmail.com; Sp. Reproductive Biology/ Systematics/Environmental Biology.
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- 2018 BHATNAGAR, Manav (b. 1976), PhD, FNAE, FIET, FIETE, FOSI, Professor, Electrical Engineering Dept., Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016 Res. Flat No.21, Taxila Apartment, IIT Delhi Campus, Hauz Khas, New Delhi 110016; Tel. (011) 26597251(O), 26591586(R), 09911954370(M); Fax: 26596102; Email: manav@ee.iitd.ac.in; Sp. Electronics & Telecommunication/Wireless Communications.

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Council: Mem. 2020-21

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Council: V.P. 2015-16

2005 BHATTACHARYA, Bhargab B. (b. 1953) PhD, FNAE, Professor of Computer Science & Engineering, ACM Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. HB-12, Flat - 4, Salt Lake, Kolkata - 700106; Tel. (033) 25753003(O), 23585858(R); Fax: 25773035; Email: bhargab.bhatta@gmail.com; bhargab@isical.ac.in; Sp. Computer Science & Engineering/ VLSI Design/Nanotechnology.

2014 BHATTACHARYA, Dipankar (b. 1959) PhD, FASc, Professor, Inter-University Centre for Astronomy & Astrophysics, Pune University Campus, Ganeshkhind, Pune - 411007; Res. 3, Akashganga, IUCAA, Pune University Campus, Ganeshkhind, Pune - 411007; Tel. (020) 25604206(O), 25604403(R), Fax: 25604699; Email: dipankar@iucaa.in; Sp. High Energy Astrophysics/Computational Astro-physics.

2002 BHATTACHARYA, Mihir Kumar (b.1954) MBBS, PhD, FWAST, FIPHA, Former Emeritus Medical Scientist, ICMR-NICED, Clinical Division, National Institute of Cholera and Enteric Diseases, P-33, CIT Road, Scheme - XM, Beliaghata, Kolkata - 700010; Res. AA-218, Salt Lake City, Sector I, Kolkata - 700064; Tel. 09433273805(M); Email: mkbidh@gmail.com; Sp. Gastroenterology and Infectious Diseases.

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Council: Mem. 2004, 2009-10

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1994 BHATTACHARYA, Shelley (b. 1946) PhD, FAScT(WB), MOWSDW, Formerly NASI Honorary Scientist & NASI Senior Scientist, Department of Zoology, Visva Bharati (A Central University), Santiniketan - 731235; Res. Prantik Paschim Para, Santiniketan-731235; Tel. 09232374161(M); Email: shelleyb38 @gmail.com; Sp. Mechanistic, Cellular and Environmental Toxicology.

Council: Mem. 2011-12

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2014 CHAKRAVARTY, Runu (b. 1954) PhD, Deputy Director, ICMR Virus Unit, Kolkata, GB-4, 1st Floor, ID & BG Hospital Campus, 57, Dr. S.C. Banerjee Road, Kolkata - 700010; Res. CE 52 Sector 1, Salt Lake, Kolkata - 700064; Tel. (033) 23537425(O), 23598187(R), 09831487077(M); Fax : 23537424; Email : runugc@gmail.com; Sp. Medical Virology/Biochemistry/Molecular Epidemiology.

1959 CHAKRAVARTY, S.C. (b. 1911) PhD,D.Sc., Formerly Professor of Botany; Res. E-6/MIG 100, Arera Colony, Bhopal-14; Sp. Vernalization/Growth Hormones.

2012 CHAKRAVORTI, Sivaji (b. 1962) PhD,FNAE,FAScT,FIE(I), FIETE, Professor of Electrical Engineering, Jadavpur University, Kolkata and Former Director, National Institute of Technoloy Calicut, Kozhikode; Res. Flat No. 1E, Swati Kunj, 3/1A Paddapukur Road, Kolkata - 700092; Email: s.chakravorti@gmail.com; Sp. Condition Monitoring of High Voltage Equipment/Optimization of High Voltage System/High Voltage Fields.

2012 CHAKRAVORTTY, Dipshikha (b.1968) PhD, FNA, FASc, Professor, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore - 560012; Res. D-209, IISc Campus, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22932842(O), 23606657(R), 09902789453(M); Fax: 23602697; Email: dipa@iisc.ac.in; chakravorttyd@gmail.com; Sp. Microbiology/Infectious Diseases/Immunology.

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Award : SICO - National Academy of Sciences, India Award in Biotechnology (1992).

Council: Mem. 93

1986 CHANDRA, Naresh (b. 1934) PhD, Formerly Professor & Head of Botany & Dean, Faculty of Science, University of Rajasthan; Res. 7-N-18, Jawahar Nagar, Jaipur-302 004; Tel. (0141) 2650919(R); Sp. Plant Morphogenesis/ Biotechnology.

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2010 CHANDRASEKHAR, Srivari (b. 1964) PhD, FASc, FNA, Secretary, Govt. of India, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi – 110016; Res. 2-2-25/P/2/A, Plot No.2, Bagh Amberpet, Amberpet, Hyderabad - 500013; Tel. (011) 26510068, 26511439(O), 09848035908(M); Email : dstsec@nic.in; srivaric@iict.res.in; srivaric@gmail. com; Sp. Natural Product Synthesis/Green Chemistry/Drug Discovery.

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1996 CHANDRASHEKAR, K. Tavarekere (b. 1956) PhD, FASc, FNA, FTWAS, Sr. Professor, School of Chemical Sciences, National Institute of Science Education and Research, PO: Sainik School, Khorda District, Bhubaneswar – 752050; Formerly Secretary, SERB, New Delhi; Tel. 09818844936(M); Email: tkc.serb@nic.in; tkc@niser.ac.in; Sp. Inorganic/ Bioinorganic Chemistry.

Council: Mem. 2011-12

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Council: Mem. 2015-16

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Council: Mem. 2016-17

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Council: Mem. 2024-

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Immunobiology.

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Council: Mem. 2022-23

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2011 CHATURVEDI, Madan Mohan, PhD, Professor, Laboratory for Chromatin Biology, Department of Zoology, University of Delhi (North Campus), Delhi - 110007; Res. Flat No. B-1305, Tower-B, Express Zenith, Sector-77, Noida - 201301; Tel. (011) 27666051, 27667985 Extn. 316, 317(O), (0120) 6580304(R), 09968468700(M); Email : mchaturvedi@zoology.du.ac.in, madan.chaturvedi@gmail.com; Sp. Biochemistry & Molecular Biology, Epigenetics.

2008 CHATURVEDI, Subhash (b.1950) D.Phil.(Waikato),FASc, Visiting Professor, Department of Physics, Indian Institute of Science Education & Research, Bhopal bypass Road, Bhauri, Bhopal 462066; Tel. (0755) 2691201(O), 09959613709(M); Email: scifi103@yahoo.com; Sp. Quantum Information/Open Quantum Systems/Quantum Phase Space Distributions.

1987 CHATURVEDI, Umesh Chandra (b. 1939) MBBS, MD, FRCPath(Lond), FAMS, FAAM(USA), FNA, FASc, Scientific Consultant, ICMR/DHR; Formerly Professor & Head, Deptt. of Microbiology, K.G. Medical College, Lucknow; INSA Honorary Scientist, Chairman, Bharat Immunologicals & Biologicals Corp.Ltd.; CSIR Emeritus Scientist; Res. 201-Annapurna Apartments, No. 1 Bishop Rocky Street, Faizabad Road, Lucknow- 226007; Tel. (0522) 4026202, 09450913506(M); Email: uchaturvedi201@gmail.com; Sp. Medical Microbiology/Virology/Immunology.

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1998 CHAUDHARY, Vijay Kumar (b. 1955) PhD, NASI Senior Scientist, Centre for Innovation in Infectious Disease Research, Education and Training, University of Delhi South Campus, New Delhi - 110021; Res. C1/1573, Vasant Kunj, New Delhi - 110070; Tel. (011) 24115883(O), 09811800434(M); Email: vkchaudhary@south.du.ac.in; vijkumchau@gmail.com; Sp. Biochemistry/Protein Engineering.

CHAUDHURI, Bidyut Baran (b. 1950) PhD, FNA, FNAE, FIETE, FIAPR, FIEEE, FTWAS, INAE Distinguished Professor, Computer Vision and Pattern Recognition Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108; Res. 87/29, A.K. Mukherjee Road, Kolkata - 700090; Tel. (033) 25752852, 25752850(O), 65657893(R), 09038329290(M); Fax: 25753035, 25751832; Email: bbcisical@ gmail.com; bbc@isical.ac.in; Sp. Image Processing/ Pattern Recognition/Natural Language Processing.

2014 CHAUDHURI, Keya (b. 1952) PhD, FNAMS, Formerly Emeritus Scientist (CSIR), Indian Institute of Chemical Biology, Kolkata - 700032; Res. 356/1D/1 NSC Bose Road, Kolkata - 700047; Tel. 09831215893(M); Email: keya.chaudhuri@gmail.com; Sp. Molecular Medicine/Infectious Diseases/Molecular & Cell Biology.

1996 CHAUDHURI, Kripasindhu (b. 1943) PhD, FIMA (UK), Former Professor & Emeritus Fellow (UGC & AICTE), Department of Mathematics, Jadavpur University, Kolkata- 700032; Res. 39A, Ajanta Road, New Santoshpur, Kolkata - 700075; Tel. (033) 24146282(O), 24163747(R), 09433001765(M); chaudhuriks@gmail.com; Sp. **Operations** Research/ Mathematical Ecology/History of Mathematics/Fluid Dynamics.

2007 CHAUDHURI, Probal, (b. 1963) PhD(Barkelay), FASc, FNA, Professor, Theoretical Statistics & Mathematics Unit, Indian Statistical Institute, 203 B.T. Road, Kolkata- 700108; Res. 8, Ramlal Agarwalla Lane, Kolkata - 700050; Tel. (033) 2575-3414/3400/4300(O), 25580105(R), 09831789429(M); Email: probal@isical.ac.in:probalchaudhuri@gmail.com:Sp. Statistics.

2003 CHAUDHURI, Subhasis (b. 1963) PhD, FNAE, FASc, FNA, FIEEE, Director, Indian Institute of Technology Bombay, Powai, Mumbai- 400076; Res. B-130, IIT Bombay Campus, Powai, Mumbai - 400076; Tel. (022) 25767437(O), 25768437(R); Fax: 25723707; Email: director@iitb.ac.in; sc@ee.iitb.ac.in; Sp. Computer Vision/Multimedia/Image Processing/Haptics.

2005 CHAUDHURY, Santanu (b. 1961) PhD, FNAE, Director, Indian Institute of Technology Jodhpur, NH-62, Nagaur Road Karwar, Jodhpur - 342037; Tel. (0291) 2801200(O), Email: director@iitj.ac.in; schaudhury@gmail.com; Sp. Information Technology.

2021 CHAUHAN, Manmohan Singh (b. 1960) PhD, FNA, FNAAS, Vice – Chancellor, GB Pant University of Agriculture & Technology, Pantnagar (Uttarakhand) - 263145; Res. VC Residence, Tarai Bhavan, GBPUAT, Pantnagar, Uttarakhand; Tel. (05944)-233333(O), 09991652455(M); Email : chauhanabtc@gmail.com; vcgbpuat@gmail.com; Sp. Biotechnology/Assisted Reproductive Technology/Animal Cloning.

- 2018 CHAUHAN, Prakash (b. 1969), PhD, Director, Indian Institute of Remote Sensing, 4 Kalidas Marg, Dehradun - 248001; Res. Quarter E1, Indian Institute of Remote Sensing, 4 Kalidas Marg, Dehradun - 248001; Tel. (0135) 2744583(O), 2744914(R), 09427001498(M); Email : prakash@iirs.gov.in; prakash4140@ gmail.com; Sp. Remote Sensing of Earth & Planetary Sciences.
- 2020 CHAUHAN, Santosh (b.1978) PhD, Senior Principal Scientist, CSIR-CCMB, Uppal Road, Hyderabad-500007, Telangana; Res. Apt, CSIR-CCMB, Uppal Road, Hyderabad-500007, Telangana; Tel. (040) 27192635(O), 07077702598(M); Email: chauhan 2010santosh@gmail.com; schauhan@ccmb.res.in; Sp. Cell Biology/Infectious Diseases/Cancer Biology.
- 2018 CHAUHAN, Shyam Singh (b. 1958), PhD, FAMS, Professor & Head, Department of Biotechnology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029; Res. CII/06, Ansari Nagar East, AlIMS Campus, New Delhi 110029; Tel. (011) 26593272(O), 26589661(R), 09810916291(M); Fax: 26588663, 26588641; Email: s_s_chauhan@hotmail.com; Sp. Cancer Biology/Molecular Biology.
- 2004 CHAUHAN, Shyam Vir Singh (b. 1943) PhD, D.Sc., FSPRB, Formerly Professor & Dean, School of Life Sciences, Dr. B.R. Ambedkar University, Khandari Campus, Agra 282002; Director, Academy of Life Sciences, 8/13 I Kaushalpur Bye Pass Road, Agra- 282005; Tel. 0749377772(M); Email: svs350@rediffmail.com; svsc071241@gmail.com; www.ijprb.com; Sp. Reproductive Biology/Male sterility.
- 1996 CHAUHAN, Virander Singh (b. 1950) PhD, DPhil(Oxford), FNA, FASc, Arturo Falaschi Fellow, Emeritus Scientist, ICGEB, Aruna A.Ali Marg, New Delhi - 110067; Res. B23, Geetanjali Enclave, New Delhi - 110017; Tel. (011) 26742317(O), 09811292058 (M): Email: virander@icgeb.res.in; viranderschauhan@ amail.com: Sp. Biophysics/Malaria/Malaria Vaccine Development/Peptides/Nano-Drug Delivery Systems/ Peptide Based Anti-Biotic Development.

Council: Mem. 2004-05

2013 CHAWLA-SARKAR, Mamta (b. 1970) PhD, Deputy Director Sr. (Scientist F), National Institute of Cholera and Enteric Diseases, P-33, CIT Scheme XM, Beliaghata, Kolkata - 700010; Res. T-19, Panchasayar, Kolkata - 700094; Tel. (033) 23537470(O), 09830660999(M); Fax: 23632398; Email: chawlam70@gmail. com; chawlasarkar.m@icmr.gov.in; Sp. Molecular Virology/Cell Biology/Immunology.

2013 CHEBIYYAM, Siva Ram Murthy (b. 1960) PhD, FIEEE, FTWAS, FNA, FNAE, Richard Karp Institute Chair Professor, Department of Computer Science & Engineering, Indian Institute of Technology Madras, Chennai - 600036; Res. #263/33, Block 2, 3E, Ceebros Orchid, Velachery Main Road, Chennai - 600042; Tel. (044) 22574361(O), 48567765(R), 09444498619(M); Fax: 22574352; Email: murthy@iitm.ac.in; Sp. Computer Science & Engineering.

2020 CHELLAPPAN, Retna Raj (b. 1970) PhD, Professor, Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur -721302; Res. Quarter No. A-157, G+7, IIT Kharagpur, Kharagpur - 721302; Tel. (03222) 283348(O), 283349(R), 09434061583, 09679087660(M); Email: crraj@chem.iitkgp.ac. in; retnaraj.c@gmail.com; Sp. Electrochemistry/Materials Chemistry/ Analytical Chemistry.

2009 CHENGALUR, Jayaram Narayanan (b. 1965) PhD, FASc, FNA, Senior Professor, National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune University Campus, Ganesh Khind, Pune - 411007; Res. E-3, NCRA Housing Colony, Pune University Campus, Ganesh Khind, Pune - 411007; Tel. (020) 25719248, 25719000(O), 25719348(R); Fax : 25697257; Email : chengalur@ncra. tifr.res.in; Sp. Radio Astrophysics.

CHERUKUMALLI, Srinivasa Rao (b. 1965) PhD, FNA, FNAAS, FISSS, FISPRD; Director, ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad - 500030, Telangana; Res. NAARM House, NAARM Campus, Rajendranagar, Hyderabad - 500030, Telangana; Tel. (040) 24015070(O), 24015654(R), 09848848453(M); Email: cherukumalli2011@gmail.com; chsrao_director@naarm.org.in; Sp. NRM/Soil Carbon Sequestration/ Dryland Production Systems/Climate Change/Contingency Crop Planning/Agriculture Research Management/Climate Policy.

2010 CHHABRA, Rajendra Prasad (b. 1953) PhD, FNAE, FASc, FNA, Distinguished Professor, Dept. of Chemical Engineering, Shiv Nadar University, Delhi NCR Campus, NH-91, Tehsil Dadri, Distt. Gautambuddh Nagar – 201314; Res. 755, Campus Housing, Shiv Nadar University, Dadri, Greater Noida – 203207; Tel. 09839741317(M); Email : chhabra@iitk.ac.in; Sp. Transport Phenomena/Non-Newtonian Fluid Mechanics.

2021 CHHUNEJA, Parveen (b. 1966) PhD, FNAAS, Director, School of Agricultural Biotechnology, Punjab Agricultural University, Ludhiana - 141004; Res. 6/12, Punjab Agricultural University, Ludhiana - 141004; Tel. (0161) 2401444, 2401960-71 Ext.270(O), 2920953(R), 09888885557(M); Fax: 2400945; Email: pchhuneja@pau.edu; Sp. Molecular Genetics/ Genomics and Cytogenetics.

1993 CHIDAMBARAM, Rajagopala (b. 1936) PhD, DSc, DSc(hc), FNA, FASc, FNAE, FTWAS, DAE Homi Bhabha Professor, Bhabha Atomic Research Centre, Central Complex, Trombay, Mumbai -400085; & Former Director, BARC & Former Principal Scientific Advisor, GOI; Res. 405/406 Apollo, Raheja Acropolis-I, Deonar, Mumbai - 400088; Tel. (022) 25505305(Ó), 25561315(R); Fax: 25505132; Email: rc@barc.gov.in, rajachid@nic.in; Sp. Material Science/Neutron Crystallography/High Pressure Physics/Nuclear Technology/Sustainable Development.

Award: Prof. M.N. Saha Memorial Lecture Award - Nat. Acad. Sci. India (1999)

2019 CHINNASWAMY, Anandharamakrishnan (b. 1973) PhD, FNAAS, FAFST(I), FRSC,FRSB, Director, Indian Institute of Food Processing Technology, MOFPI, GOI, Pudukkottai Road, Thanjavur - 613005, TN; Res. Director's Quarters, Indian Institute of Food Processing Technology, Pudukkottai Road, Thanjavur-613005, TN; Tel.(04362) 226676(O), 09750968404 (M); Fax: 227971; Email: c.anandharamakrishnan@gmail.com; Sp. director@iifpt.edu.in; Food Engineering/Chemical Engineering/Food Nanotechnology.

CHINTALAPATI, Venkata Ramana (b. 1962) PhD, Professor, Dept. 2019 of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad - 500046; Res. 5-3-357 Rashtrapathi Road, Secunderabad - 500003; Tel. (040) 23134502(O), 27535462(R), 08179724006, 09000796341(M); Email: cvr449@gmail.com; chvrsl@uohyd.ernet.in; Sp.

Taxonomy/Metabolism.

2011 CHOCKALINGAM, Ananthanarayanan, (b. 1962) PhD, FASc, FIETE, Professor, Dept. of Electrical Communication Engineering, Indian Institute of Science, Bangalore - 560012; Res. 29, AECS 2nd Stage Layout, 2nd Nagasettihalli, Bangalore - 560094; Tel. (080) 22933156(Ŏ), 23516637(R), 08971474971(M); Fax: 23600563; Email: achockal@iisc.ac.in; Sp. Wireless Communication and Networking.

CHOKSHI, Atul Harish (b. 1958) PhD, FNA, FASc, FNAE, 2001 Professor, Department of Materials Engineering, Indian Institute of Science, Bangalore - 560012; Res. Grove 3, Goodearth Orchard, Kengeri, Bangalore- 560060; Tel. (080) 22932684(O): Fax: 23600472, 23600683; Email: achokshi@iisc.ac.in; Sp.

Materials Science and Engineering.

1988 CHOPRA, Virender Lal (b. 1936) PhD(Edinb.), DSc(hc), FNA, FASc, FNAAS, FTWAS, Formerly Member, Planning Commission, New Delhi & Formerly Secretary, DARE and DG, ICAR, New Delhi; Res. A-3/210 A, Janakpuri, Delhi - 110058; 63, Housing Board Colony, Bindraban, Palampur; Tel. 09810343925, 08894273848(M); Email : virenderchopra@yahoo.com; Sp. Genetics/Crop Improvement/Biotechnology.

Award: Dr. BP Pal Memorial Lecture Award - Nat. Acad. Sci. India (2001). 2008 CHOUDHURI, Arnab Rai (b.1956) PhD(Chicago), FNA, FASc, FTWAS, Honorary Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. Flat-206, Pavan Apts, No. 74, 15th Cross, Malleswaram, Bangalore - 560055; Tel. (080) 23603481(O), 23603664(R), 09900551702(M); Email: arnab@iisc.ac.in; Sp. **Theoretical Astrophysics/Solar** Physics/Magneto-hydrodynamics/History of Science.

1995 CHOUDHARY, Vasant Ramchandra (b.1944) PhD, FNA, FASc, Formerly NASI Senior Scientist, Chemical Engineering Division, National Chemical Laboratory, Pune - 411008; Res. Vasantasha, 1-Green Park, Off D.P. Road, Behind Hotel Seasons, Aundh, Pune - 411007; Tel. (020) 65265508(R), 09225106141(M); Email: vrc0001@yahoo.co.in; Sp. Zeolites/Catalysis and Reaction Engineering.

- 1989 CHOUDHURY, Amalesh Chandra (b. 1931) PhD, Professor, Dept. of Marine Science, Calcutta University, Secretary, Susama Devichowdhurani, Marine Biological Research Institute, Sagar Island 743373; Res. D44-Amarabati, Sodepur Kolkata 700110; Tel. (033) 25650305 (R), 09433974593 (M); Email: amalesh_choudhury@yahoo.com Sp. Protozoology/Parasitology/Marine & Estuarine Biology/ Mangrove & Coral Reef Ecology.
- 2011 CHOUDHURY, Debajyoti (b. 1964) PhD, FNA, FASc, Professor, Department of Physics & Astrophysics, University of Delhi, Delhi–110007; Tel. (011) 27667061(O), 27261536(R), 09213211830(M), Email: debchou@physics.du.ac.in, debajyoti. choudhury@gmail.com;Sp. Cosmology/High Energy Physics.
- 2017 CHOUDHURY, Deepankar (b. 1974) PhD, FASc, FNAE, FASCE, FAScT, FIE, FIGS,FISET, Prof. T. Kant Chair Professor (HAG) & Head, Dept. of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. B-213, Aravali Building B 23, Hill Side, IIT Bombay, Powai, Mumbai 400076; Tel. (022) 2576-7335(O), 3670(L), 8335(R), 09969274031(M); Fax: 25767302; Email: dc@civil.iitb.ac.in; dchoudhury@iitb.ac.in; Sp. Civil Geotechnical Earthquake Engineering/Computational Geomechanics/Foundation Engineering/Disaster Management.
- 2005 CHOWDHERY, Harsh Ji (b. 1949) PhD, Ex. Additional Director & Emeritus Scientist, Botanical Survey of India, Northern Regional Centre, 192-Kaulagarh Road, DehraDun 248195; Res. 103-A, Engineer's Enclave-III, GMS Road, Dehra Dun 248001; Tel. (0135) 2753433(O), 2522986(R); Fax: 2757951; Email: hjchowdherybsi@rediffmail.com; Sp. Floristics/Taxonomy of Angiosperms (Orchids)/Plant Conservation.
- 2007 CHOWDHURY, Abhijit, (b. 1959) M.B.B.S., M.D., DNB, DM, Head, School of Digestive & Liver Diseases, Institute of PG Medical Education & Research, 244, AJC Bose Road, Kolkata-700020; Res. CC-502, Ashabori Housing Complex, Baishnabghata Patuli Township, Kolkata 700094; Tel. (033) 22235435(O), 24625359(R); Fax:22235435; Email: achowdhury2002@yahoo.co.in; Sp. Liver Disease / Molecular Epidemiology.
- 2008 CHOWDHURY, Debashish (b.1957) PhD, FNA, FASc, JC Bose National Fellow (SERB), Professor, Department of Physics, Indian Institute of Technology Kanpur, Kanpur 208016; Res. House No. 407, IIT Campus, Kanpur 208016; Tel. (0512) 2597039(O), 2598465(R); Fax: 2590914; Email: debch@iitk. ac.in; debchg@gmail.com; Sp. Statistical Physics/Biological Physics/Complex Systems.

2017 CHOWDHURY, Rukhsana (b. 1958) PhD, Chief Scientist, CSIR-Indian Institute of Chemical Biology, 4 Raja S.C. Mullick Road, Kolkata - 700032; Res. Ekta Oleander Flat 6C Block 2, 16 R.N. Chowdhury Road, Kolkata - 700015; Tel. (033) 24995842(O), 23290013(R), 09830175773(M); Fax : 24735197; Email : rukhsanachowdhury@hotmail.com; rukhsana@iicb.res.in; Sp. Bacterial Pathogenesis/Host Pathogen Interactions/Microbiota and Probiotics.

- 2012 CHOWDHURY, Shantanu (b. 1968) PhD, FASc, Scientist, CSIR-Institute of Genomics & Integrative Biology, Mathura Road, Delhi 110025; Res. C305, Amrapali Sapphire, Sec 45, Noida 201303; Tel. (011) 29879325(O), 09810953135(M); Fax : 27667471; Email : shantanuc@igib.res.in; Sp. Structural and Functional Studies.
- 2005 **CHUTIA, Joyanti** (b. 1948) PhD, Director, Institute of Advanced Study in Science and Technology, Paschim Boragaon, P.O.Gorchuk, Guwahati 781035; Res. Hengerabari Housing Board Colony, Ganesh Giri, Guwahati 781006; Tel. (0361) 2740659(O), 2263027(R); Fax: 2740659; Email: joyanti_c@yahoo.com; Sp. **Plasma Physics/Solid State Physics.**
- 1990 COWSIK, Ramanath (b. 1940) PhD, FNA, FASc, FTWAS, Padma Shri, NAS(F-USA), James S. McDonnell Professor & Director, McDonnell Center for the Space Sciences, Physics Department, Washington University in St. Louis, Campus Box 1105, One Brookings Drive, St. Louis, MO 63130 USA; Tel. (001 314) 9354493 (O) (001 314) 727 5959(R); Fax: (001 314) 9354134; Email: cowsik@physics.wustl.edu; Sp. Astrophysics/Elementary Particles/Cosmology/Gravitation.

Award: Prof. A.C. Banerji Memorial Lecture Award (1995).

- 2000 DADARWAL, Kalu Ram (b. 1944) PhD, Professor, Department of Microbiology, CCS Haryana Agricultural University, Hisar -125004; Res. 8/25 New Campus, CCS Haryana Agricultural University, Hisar - 125004; Tel. (01662) 237848(O), 236341(R); Fax: 231120, 234952; Email: dadarwal@hau.nic.in; Sp. Soil Microbiology - Biological Nitrogen Fixation.
- 1975 **DANDA, Ajit Kumar** (b. 1936) PhD, Former Director, Anthropological Survey of India, 27 J.L. Nehru Road, Kolkata 700016; Res. 225, Kadam Kanan, Jhargram 721507, Paschim Medinipur, WB; Sp. **Anthropology.**
- 1998 DANDAPAT, Bhabani Shankar (b. 1946) PhD, Former Head, Physics & Applied Mathematics Unit, ISI, Kolkata; and Former Dean, Academics & Head of Mathematics, Sikkim Manipal Institute of Technology, E-Sikkim; Res. 'Nabarun', 110/22C, BT Road, Kolkata 700108; Email: bsdandapat@gmail.com; Tel. 08910310565(M); Sp. Fluid Mechanics/Flow Stability/MHD/Thin Film Development.
- 1995 DANI, Shrikrishna Gopalrao (b.1947) PhD, FNA, FASc, FTWAS, Distinguished Professor, UM-DAE Centre for Excellece in Basic Sciences, University of Mumbai, Kalina, Santracruz East, Mumbai 400098; Tel. (022) 26532134(O), 09757282263(M); Email : shrigodani@gmail.com; Sp. Lie Groups/Ergodic Theory/Probability Measures/History of Mathematics.

2015 DAS, Amita (b. 1965) PhD, FASc, Professor, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016; Tel. (011) 26548701(O), Email: amita@iitd.ac.in; amitadas3@yahoo.com; Sp. Plasma Physics.

- 2012 DAS, Amitava (b. 1959) PhD, FASc, FNA, Professor, Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur, Nadia 741246; Tel. 09428051283, 08275225356(M); Email : amitava@iiserkol. ac.in; das.amitava1@gmail.com; Sp. Inorganic Synthesis/Nanostructured Material for Imaging and Drug Delivery/Molecular Recognition/Supramolecular Chemistry/Photoinduced Processes and Electron Transfer.
- 2023 DAS, Amitava (b. 1973) PhD, FABP, Senior Principal Scientist, Dept. of Applied Biology, CSIR-Indian Institute of Chemical Technology, Uppal Road, Tarnaka, Hyderabad 500007; Res. Silver Oak Bungalows, B.No 356, Cheriapally, Hyderabad 500051; Tel. (040) 27191873(O), 09618658585(M); Fax : 27160387; Email : amitavadas@iict.res.in; drdas.amitava@gmail.com; Sp. Stem Cell Biology/Regenerative Medicine /Biochemistry.
- 1988 DAS, Asit Baran (b. 1938) PhD(Illinois),FZSI, Professor, Deptt. of Zoology, School of Life Sciences, Visva-Bharati Univeristy, Santiniketan - 731 235; Res. 49, Andrews Palli, Santiniketan -731 235; Sp. Comparative Animal Physiology/Biochemistry.
- 2020 DAS, Benu Brata (b. 1975) PhD, FAScT, Associate Professor, School of Biological Sciences, Indian Association for the Cultivation of Science, 2A&B, Raja SC Mullick Road, Jadavpur, Kolkata 700032; Res. 8A/1, Baishnabghata Bye Lane, Flat# FF3, Kolkata 700047; Tel. (033) 24734971 Ext.2108(O), 08910229121(M); Fax: 24732805; Email: benubrata@yahoo.com; pcbbd@iacs.res.in; Sp. Topoisomerase/DNA Repair/Mitochondrial DNA.
- 1999 DAS, Bhabani Sankar (b. 1945) MBBS, MD, Former Adviser, DBT,Govt. of India; Res. 117, Ratnakar Bag-1, Bhubaneswar 751018; Tel. 09937689286(M); Email: bhabanisankar@gmail. com; Sp. Biochemistry.
- 1998 DAS, Bhudev Chandra (b. 1948) PhD, FNA, FASc, FAMS, Chairman & Hargobind Khorana Chair Professor, Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) and Dean, Health & Allied Sciences, Amity University Uttar Pradesh Campus, Sector-125, Noida 201313; Res. 'Anubhav', A-10, Sector 56, Noida 201301; Tel. (0120) 4275392(R), 09810537835, 09810566870(M); Email : bcdas48@hotmail. com; bcdas@amity.edu, Sp. Molecular Oncology/Human Genetics/Cancer Stem Cell & Drug Discovery.
- 1989 DAS, Bijoy Kishore (b. 1945) BTech(Hons.), MS, PhD, APAM, Formerly Executive Director, CMET, Pune; Res. Flat No. P-2004, Tower P, Great Value Sharanam, Sectot 107, Noida 201301; Tel. 09650979801(M); Email: bkdas45@yahoo.co.uk, bkdas45@gmail.com; Sp. Materials Science/Metallurgy/Electronics Materials.

1983 DAS, Chandi Charan (b. 1930) D.Phil., Formerly Professor of Zoology, Director, College Development Council & Vice-Chancellor, Berhampur University, Odisha; Res.159, Gautam Nagar, Bhubaneswar- 751014; Tel. (0674) 6536164; Sp. Cytogenetics/Cytochemistry.

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2011 DAS, Gobardhan (b. 1966) PhD, Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi; Res. Flat # 4572, B-5&6, Vasant Kunj, New Delhi - 110070; Tel. (011) 46025847(R); Email: gobardhan.das07@gmail.com; Sp. Infectious Diseases/Genetic Engineering/Immunity.

1996 DAS, Jyotirmay (b. 1943) PhD, Former Professor & Head, Electronics & Communication Science Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700 035;Res. 11/26 Kali Charan Ghosh Road, Sinthee, Kolkata - 700050;Tel. (033) 25568085 (4 lines) Ext. 2911(O), 25561314(R); Fax: 25776680; Email: jdas@isical.ac.in; Sp. Computer Science/Remote Sensing/Atmospheric Science.

2005 DAS, Kali Pada (b. 1953) PhD, Senior Professor, Department of Chemistry, Bose Institute, 93/1 A.P.C. Road, Kolkata - 700009; Res. 5 South Park, Santoshpur, Kolkata - 700075; Tel. (033) 23031152(O), 24838055(R); Fax: 23506790; Email: kalipada@ jcbose.ac.in; daskp25@gmail.com; Sp. Biophysical Chemistry /Molecular Chaperone/Protein Folding.

2010 DAS, Mukul (b. 1956) PhD, FST, FNAAS, Director, Shriram Institute for Industrial Research, 19, University Road, Delhi - 110007; Former Chief Scientist CSIR-IITR, Lucknow; Res. Director's Bungalow, Shriram Institute for Industrial Research, Delhi; Tel. (011) 35200501(O), 09335041295(M); Fax: 35200455; Email: mukuldas@shriraminstitute.org; mditrc@rediffmail.com; mukuldas@gmail.com; Sp. Food Toxicology/Chemical Carcinogenesis/Xenobiotic Biotransformation/Nano-toxicology.

DAS, Pijush K. (b.1952) PhD, FNA, FASc, FAScT, INSA Senior Scientist, JC Bose National Fellow, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Kolkata - 700 032; Res. 35, Justice Chandra Madhab Road, Kolkata - 700020; Tel. (033) 24140921(O), 40036221(R), 09830401233(M); Fax: 24735197; Email: pijushdas@iicb.res.in; pijush52@gmail.com; Sp. Biochemistry/Cell Biology/Molecular Parasitology.

2008 DAS, Pradeep (b.1956) PhD, FNA, FAMS, FAScT, JC Bose National Fellow, ICMR-Emeritus Scientist, ICMR-NICED, P-33, CIT Road, Scheme XM, Beliaghata, Kolkata – 700010; Former Director, RMRIMS, Patna; Tel. 09431012380(M); Fax: (033) 23632398; Email : drpradeep.das@gmail.com; Sp. Medical Biotechnology/Molecular Parasitology/Immunology & Cell Signalling in Disease.

2013 DAS, Prasanta Kumar (b. 1962) PhD, FNAE, Professor, Department of Mechanical Engineering, Indian Institute of Technology Kharagpur, Kharagpur - 721302; Res. B-44, IIT Campus, IIT Kharagpur - 721302; Tel. (03222) 282916(O), 282917, 278045(R), 09434035266(M); Fax: 255239; Email: pkd@mech.iitkgp.ac.in; Sp. Multiphase Flow/Heat Transfer.

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Council: Mem. 2003

1990 DAS, Punyabrata (b. 1936) PhD, FZS, FAA, FIFI, FNC, FSB, FAEB, FBRS, Formerly Director, National Bureau of Fish Genetic Resources, ICAR, GOI, Lucknow; Ex Consultant, W.B. University of Animal & Fishery Sciences; Res. A8/4, Indralok Estate, Paikpara, Kolkata -700002, Tel. (033) 25286307(R); Sp. Fisheries and Aquaculture Including Fish Genetics.

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2009 DAS, Sampa (b. 1951) PhD,FNA, INSA Senior Scientist, Division of Plant Biology, Bose Institute, P1/12, CIT Scheme VII(M), Kolkata - 700054; Res. A-13, Cluster 14, Purbachal Housing Estate, Salt Lake, Kolkata - 700097; Tel. (033) 25693251(O), 23359393(R); Fax: 23353886; Email: sampa@jcbose.ac.in, sampadpb@gmail.com; Sp. Plant Molecular Biology and Plant Pathogen Interaction Study.

2018 DAS, Sanjeev (b. 1976), PhD, Staff Scientist, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi - 110067; Res. Flat No.A-8, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi - 110067; Tel. (011) 26703702(O), 26703701(R), 09818999176(M); Email : sdas@nii.ac.in; Sp. Cancer Biology.

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2009 DAS, Saumitra (b. 1962) PhD, FNA, FASc, Professor, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore - 560012; Res. NE 301, New Housing Colony, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22932886(O), 23603632(R), 09448479632(M); Fax: 23602697; Email: sdas@iisc.ac.in; sdas@nibmg.ac.in; Sp. Molecular Virology/ Molecular Biology/ Antiviral Research.

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1997 DAS GUPTA, Chanchal Kumar (b.1945) PhD, FNA, FASc, Res. EE-72/2, Salt Lake, Kolkata - 700091; Tel. 09007889857(M); Email : chanchaldg2000@yahoo.com; Sp. Biochemistry/Protein Folding.

2000 DASGUPTA, Chandan (b. 1951) PhD, FNA, FASc, FTWAS, Emeritus Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. Flat No. 7, 55/1, 4th Main Road, Malleswaram, Bangalore - 560055; Tel. (080) 23603924(O), 23345417(R); Email: cdgupta@iisc.ac.in; Sp. Theoretical Condensed Matter Physics.

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2010 DASGUPTA, Maitrayee (b. 1959) PhD, FNA, FASc, JC Bose National Fellow, Professor, Department of Biochemistry, University of Calcutta, 35, Ballygunge Circular Road, Kolkata - 700019; Res. T3 10/2 Ruchira Residency, Kalikapur, Kolkata - 700078; Tel. (033) 24614714(O), 24843966(R), 09830776131 (M); Fax: 24614849; Email: maitrayee_d@hotmail.com; mdgbiochem@caluniv.ac.in; Sp. Symbiotic Nitrogen Fixation.

2001 DASGUPTA, Somnath (b. 1951) PhD, FNA, FASc, FTWAS, Visiting Professor, Department of Earth Sciences, Indian Institute of Science Education & Research Kolkata, PO Mohanpur - 741246; Res. Westwind, Block 4, Flat 3B, 78, Raja SC Mullick Road, Kolkata - 700084; Tel. (033) 24238057(R), 09831167145(M); Email: somnathdasg@gmail.com; Sp. Metamorphic Petrology/Ore Geology.

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2000 DAS SARMA, Dipankar (b. 1955) PhD, DSc(hc mult),FASc, FNA, FNAE, FTWAS, Honorary Professor, Solid State & Structural Chemistry Unit, Indian Institute of Science, Bangalore - 560012; Res. No. 7, 2nd Cross, NTI Layout, Nagashetty Halli, RMV Extension Stage II, Bengaluru – 560094; ; Tel. (080) 23607576, 22932945(O), Fax: 23601310; Email : sarma@iisc.ac.in; sarma.dd@gmail.com; Sp. Physics and Chemistry of Solids/Nano Materials/Energy Materials.

DAS SARMA, Jayasri (b. 1965) PhD, Professor, TRC 226, Dept. of Biological Sciences, Indian Institute of Science Education and Research Kolkata (IISER-K), Mohanpur-Campus, Mohanpur - 741246, Nadia; Res. 53, Kali Bari Road, PO: Newbarrackpur, 24 PGS North - 700131, Kolkata, WB; Tel. 09748642423, 07003514069(M); Email: dassarmaj@iiserkol. ac.in; Sp. Neurovirology/Neuroimmunology/Neurobiology of Diseases.

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1998 DASIKA, Durga Prasada Rao (b. 1939) PhD, Former Director, NRSA, Hyderabad; Res. 402, Manasa Sarovar Apts., Plot 166 Kalyan Nagar, Hyderabad- 500038; Tel. (040) 23816155(R); Sp. Geosciences/Remote Sensing.

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DASS, N.D. Hari (b. 1946) PhD, Senior Professor, Institute of Mathematical Sciences, C.I.T. Campus, Chennai - 600 113; Res. 12/9, I Main Road, Kasturbanagar, Chennai - 600 113; Tel. (044) 2351856(O), 4422767(R); Sp. Quantum Field Theory/Gravitation and Astrophysics.

2017 DATTA, Anindya (b. 1970) PhD, Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. B218, Aravali, IIT Bombay, Powai, Mumbai - 400076; Tel. (022) 25767149(O), 09769257149(M); Fax: 25763480; Email: anindya@chem.iitb.ac.in; Sp. Physical Chemistry.

DATTA, Asis (b. 1944) PhD, DSc, FNA, FASc, FTWAS, Distinguished Scientist, NIPGR, Formerly NASI-Platinum Jubilee Chair Distinguished Professor, Founder & Formerly Director, National Institute for Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Formerly Vice-Chancellor, JNU, New Delhi; Res. House No. 182, The National Media Centre Co-operative House Building Society Ltd., Shankar Chowk, Gurgaon-122002; Tel.(011) 26742750, 26735119(O), 09810855666(M); Fax : 26741759, 26741658; Email : asis_datta@nipgr.ac.in; asis_datta@rediffmail.com; asisdatta@hotmail.com; Sp.Molecular Biology/Biochemistry.

Council: Pres. 2009-10; P. Pres. 2011-12, 2017-18; Mem. 95-98, 2001, 2003-04; V.P. 99-2000

2014 DATTA, Basudeb (b. 1957) PhD, FASc, Honorary Adjunct Professor, TRIM, IAI, TCG CREST, Sector V, Bidhannagar, Kolkata – 700091; Res. TD 2304, Tata Avenida, Rajarhat, Newtown, Action Area IIG, Kolkata – 700160; Tel. (033) 66411888(O), 08762312767(M); Email : bdatta17@gmail.com; Sp. Combinatorial and Algebraic Topology/Convex & Discrete Geometry.

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Council: Mem. 98-2000, 2004-05, 2011-12 F.S. 2001-02

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2006 DATTA, Swapan Kumar (b. 1953) PhD, FNA, FASc, FNAAS, FTWAS, Distinguished Biotechnology Research Professor at University of Calcutta, Kolkata; Founder Vice Chancellor, Biswa Bangla Biswabidyalay, Bolpur; Former Vice Chancellor, Visva - Bharati University; Res. Udita - 02-0302, 1050/1 Survey Park, Kolkata - 700075; Tel. (033) 40031319(R), 08768644777 (M); Email: swpndatta@yahoo.com; dattaswapan1953@gmail.com; Sp. Plant Biotechnology and Agriculture Science/Policy.

2002 DATTAGUPTA, Jiban Kanti (b.1945) PhD, Former Senior Professor, Crystallography & Molecular Biology Division, Saha Institute of Nuclear Physics, 1/AF Bidhan Nagar, Kolkata-700064; Res. Apt. 304, Tower-3, Rupashree, Shree Housing Complex, Street No. 77, New Town, Kolkata - 700156; Tel. (033) 23244053(R), 09831913824(M); Email: jibank.dattagupta @gmail.com; Sp. Biological Crystallography/Protein Structure and Function/Modeling.

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Council: Mem. 2002-07 V.P. 2013-14

1980 DATTA-MUNSHI, Jyoti Swarup (b. 1930) PhD, FNA, Formerly Professor & Head, PG Department of Zoology, T.M. Bhagalpur University, Bhagalpur; Formerly INSA Senior Scientist and Emeritus Scientist (CSIR); Res. P124A, Usha Park, Garia, Kolkata - 700084; Tel. (033) 24102641(R); Email: jsmunshi @yahoo.co.in; Sp. Fish & Fisheries/Ecology/Cell Biology.

Council: Mem. 91-92

- 2019 DAVID, Justin Raj (b. 1969) PhD,FASc, FNA, Professor, Centre for High Energy Physics, Indian Institute of Science,Bangalore 560012; Res. A602, Sterling Residency, 5th Main, Dollars Colony, Bangalore 560094; Tel. (080) 22933146(O), 23511826(R), 09740091236(M); Fax: 23600683; Email: justin@iisc.ac.in; Sp. String Theory/Quantum Field Theory/Black Holes.
- 1979 DAYAL, Ram (b. 1930) D.Phil., Formerly Professor & Head, Mycology & Plant Pathology Dept., Institute of Agril. Sciences, B.H.U., Varanasi-221 005; Res. Shiva Mandir,Lanka, Varanasi-221 005; Sp. Mycology-Aquatic, Soil and Nematophagous.
- 2012 DE, Sirshendu (b. 1967) PhD, FNAE, Professor & Head, Department of Chemical Engineering, Indian Institute of Technology Kharagpur, Kharagpur 721302; Res. B-252, IIT Campus, IIT Kharagpur, Kharagpur 721302; Tel. (03222) 283926(O), 283927(R), 09434017363(M); Fax: 255303; Email: sde@che.iitkgp.ac.in; Sp. Membrane Separation/Transport Phenomena/ Pollution Control.

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- 1986 **DEEKSHATULU, Bulusu Lakshmana** (b. 1936) PhD, FNA, FASc, FNAE, FNAAS, FTWAS, FIEEE(USA), Formerly Distinguished Scientist & Director, NRSA, Hyderabad; Res.10-3-123/3, East Maredpally, Teachers' Colony, Secunderabad 500026; Tel. 09908499081(M); Email : deekshatulu@hotmail.com; deekshatulu@gmail.com; Sp. Remote Sensing/Image Processing/System Engg./Machine Learning.
- 1978 **DEKA, Tarini Charan** (b. 1939) PhD, FZSI, Formerly Professor & Head, Department of Zoology, Gauhati University, Guwahati; President, GAIA Conservers; Res. 147/1 Deka Niwas, Lankeswars NH 37, Guwahati-781014; Tel. (0361) 570294(O), 570573(R); Fax: 570133; Email: tcdeka@hotmail.com; Sp. **Animal Ecology/Entomology/Environmental Biology.**
- DEO, Madhav Gajanan (b. 1932), M.D.(Path.), PhD, FNA, FASc, FAMS, Formerly Director, Cancer Research Institute, Mumbai; President (Hon.), Moving Academy of Medicine and Biomedicine, Pune 411052; Res. C-13, Kubera Gulshan Apartments, D.P. Road, Aundh, Pune 411007; Tel. (020) 25449649(O) 25893128(R); 09922403266(M); Email : deo.madhav@gmail.com, Sp. Pathology/Cell Biology/Medicine.
- 1984 **DESAI, Bhagirath Navinkant** (b. 1934) PhD(Wales), Formerly Director, National Institute of Oceanography, Dona Paula, Goa-403 004; Sp. **Marine Environmental Sciences.**
- DESAI, Jyotindra N. (b. 1936) PhD, Formerly Senior Professor,
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- 2000 DESIRAJU, Gautam Radhakrishna (b. 1952) PhD, FNA, FTWAS, FASc, Professor, Solid State & Structural Chemistry Unit, Indian Institute of Science, Bangalore 560012; Res. 36/18, 9th Main Road, Rajamahal Vilas Extn., Bangalore-560080; Tel. (080) 22933311(O), 23616008(R); Fax: 23602306; Email: gautam_desiraju@yahoo.com; desiraju@sscu.iisc.ernet.in; Sp. Supramolecular Chemistry/Crystal Engineering/Drug Design.

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- 2011 DEV, Bhupendra Nath (b. 1953) PhD, FASc, Professor, Centre for Quantum Engineering, Research and Education (CQuERE), TCG Centres for Research and Education in Science and Technology, 1st Floor, Tower 1, Bengal Eco Intelligent Park (Techna Building), Block EM, Plot No 3, Sector V, Salt Lake, Kolkata 700091; Res. GD-83, Sector-III, Salt Lake City, Kolkata-700106; Tel. (033) 71253719(O), 09433847131(M); Email: bhupen.dev@gmail.com, bhupen.dev@tcgcrest.org; Sp. Surfaces, Interfaces and Thin Films/Nanoscale Physics/X-ray Physics/Ion-Solid Interactions/Quantum Structures/Quantum Science and Technology.
- 2006 DEV, Vas (b. 1954) PhD (Notre Dame, USA), FISCD, Former Director Grade Scientist, House No. 656, Sector 9, Urban Estate, Ambala City 134003, Haryana; Tel. 09435345154(M); Email: mrcassam@hotmail.com; Sp. Genetical/Taxonomical & Evolution/Ecology.
- 1989 DEVI, P. Uma (b. 1941) PhD, Formerly Professor & Head of Radiobiology, KMC, Manipal; Department of Research, Jawaharlal Nehru Cancer Hospital & Research Centre, Idgah Hills, Post Box No. 32, Bhopal - 462001; Sp. Radiation Biology/Experimental Oncology.
- 1996 **DEWANGAN, Durga Prasad** (b. 1944) PhD, Formerly Sr. Professor, Physical, Research Laboratory, Ahmedabad; Res. 203, Kalash Apartments, Opp. C.N. Vidhyalay, Ambawadi, Ahmedabad- 380006; Tel. (079) 26314454(O), 26400285(R), Sp. **Theoretical, Atomic and Molecular Physics.**
- 2023 DEY, Abhishek (b. 1977) PhD,FASc, Senior Professor, School of Chemical Sciences, Indian Association for the Cultivation of Sciences, 2A Raja SC Mullick Road, Kolkata - 700032; Res. 505 Purbalok, Flat 2C, Kolkata - 700099; Tel. (033) 24734971 Ext.1366(O), 09051710061(M); Email : abbeyde@gmail.com; Sp. Inorganic Chemistry/Bio-Inorganic Chemistry/ Spectroscopy.
- 2004 DEY, Aloke (b. 1945) PhD,FNA, Formerly NASI Senior Scientist & Hon. Visiting Professor, Indian Statistical Institute, 7 S.J.S. Sansanwal Marg, New Delhi 110016; Res. B-17/S-1, Dilshad Garden, Delhi 110095; Tel.(011) 41493940(O), 22574022(R); Fax:41493981; Email: alok.dey@gmail.com;Sp. Statistics.
- 2006 DEY, Chinmoy Sankar (b. 1961) PhD,FNA, JC Bose National Fellow & Professor, The School of Biological Sciences, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016; Tel. (011) 26597523(O), 09560279888(M); Email: csdey@bioschool.iitd.ac.in; Sp. Diabetes/Leishmanial Drug Resistance/Leishmanial Flagellar Motility.

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Sp. Statistical Physics.

1988 DHAR, Durga Nath (b. 1932) PhD, Formerly Professor of Chemistry, Indian Institute of Technology, Kanpur; Formerly Visiting Professor and Actg. Director, Rajiv Gandhi Institute of Petroleum Technology, Rae-Bareli – 229316; Res. 44 Duplex – 1. Block A. Raiat Vihar, Sector 62, Noida- 201301; Tel. (0120) 2496137(R),09889496845(M); Email : durga_dhar@yahoo.com;

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com; Sp. Genomics/ Molecular Cytogenetics.

DHAR, Suman Kumar (b. 1968) PhD, FASc,FNA, Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru 2011 University, New Delhi - 110067; Res. 596 Tower D, Pashchimabad, New Delhi - 110067; Tel. (011) 26742572, 26704559(O), 26742476(R); Fax : 26741781; Email : skdhar2002@yahoo.co.in; skdhar@mail.jnu.ac.in; Sp. DNA Replication/Cell Cycle Regulation/Parasitology.

DHAR, Uppeandra (b. 1948) PhD, Formerly CSIR Emeritus Scientist, University School of Environmental Management, Guru Gobind Singh Indraprastha University, Sector 16C Dwarka, Delhi - 110078; Formerly NASI Senior Scientist; Director, GBPNIHES, Almora; Res. M-317 First Floor, Orchid Island, Samaspur, Sector 51, Gurgaon - 122001; Tel. 09818335379(M); Email: uppdhar@gmail.com; uppdhar@rediffmail.com; Sp. Conservation Biology/Plant Ecology/Exsitu Conservation.

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2011 DHAVALE, Dilip Dattatray (b. 1956) PhD,FASc, Former Head & Distinguished Professor, Department of Chemistry, SP Pune University (University of Pune), Pune - 411007 Res. C-201, Rohan Nilay (1), Aundh, Pune - 411007; Tel. 09422521594(M); Email : dilipdhavale56@gmail.com; Sp. Organic Chemistry/Carbohydrate Chemistry.

2009 DHAWAN, Alok (b. 1964) PhD, DSc(hc), FAMS, FRSC(UK), FST, FAEB, FINS, Director, Centre of Biomedical Research, SGPGIMS Campus, Raibareli Road, Lucknow - 226014; Res. 3 Ram Krishna Marg, Faizabad Road, Lucknow - 226007; Tel. (0522) 2668985(O), 09925120444(M); Email: director.cbmr@cbmr.res.in; alok.dhawan@cbmr.res.in; alokdhawan@yahoo.com; Sp. Molecular Epidemiology/Genetic Toxicology/Nanomaterial Toxicology.

Council: Mem. 2016-17

2001 DHAWAN, Vibha (b. 1960) PhD, Deputy Director, Research and Partnership Coordination, Borlaug Institute for South Asia, CG Block, NASC Complex, DPS Marg, Pusa Campus, New Delhi – 110012; Res. G-1, Jangpura Extn., New Delhi - 110014; Tel. (011) 24682100(O), 24312484(R), 09811009262(M); Fax: 24682144; Email: v.dhawan@cgiar.org, Sp. Plant Biotechnology.

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2001 DHILLON, Baldev Singh (b. 1947) PhD, FNA, FNAAS, Former Vice Chancellor, Punjab Agricultural University, Ludhiana; Res. Villa 27 (EMAAR), Sector 106, Mohali – 140307; Tel. (0160) 2969165(R), 09872871033(M); Email: dhillonbaldevsingh@gmail.com; Sp. Plant Breeding/ Quantitative Genetics/Biotechnology/Plant Genetic Resources.

2016 DHIMAN, Ramesh Chand (b. 1955) PhD, FISCD, Senior Consultant and Former Scientist G, National Institute of Malaria Research (ICMR), Sector 8, Dwarka, New Delhi - 110077; Res. D-3/54, IInd Floor, Sector 16, Rohini, Delhi - 110089; Tel. (011) 25307404(O), 27857120(R), 09871535858(M); Fax: 25307177; Email: dhiman.rc.nimr@gov.in; r.c.dhiman@gmail.com; Sp. Vector Borne Diseases/Climate Change/Early Warning.

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- 2004 DHURANDHAR, Sanjeev Vishnu (b. 1951) PhD, FNA, FASc, Emeritus Professor, Inter-University Centre for Astronomy and Astrophysics, Post Bag No. 4, Ganeshkhind, Pune University Campus, Pune 411007; Res. Flat No.903, Terraza Building, Near Medi-Point Hospital, Vishal Auto Service Lane, Survey No. 244/1, Baner, Pune 411007; Tel. (020) 25604123(O); Fax: 25604699; Email: sanjeev@iucaa.in; Sp. Gravitational Waves/General Relativity.
- DIGHE, Rajan R. (b. 1951) PhD, FNA, FASc, JC Bose National Fellow, Professor, Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bangalore 560012; Res. Anriya Dwellington, Apt 5302, RMV Stage II, Lottegollahalli, Bangalore 560094; Tel. (080) 22933261(O), 23663313(R), 09901903513(M); Fax: 23600999; Email: digherr@gmail.com; rdighe@alumni.iisc.ac.in; Sp. Biochemistry/Molecular Endocrinology/ Reproductive Biology.
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- 2002 DIKSHIT, Kanak Lata (b.1951) PhD, FNA, INSA Senior Scientist, Department of Biotechnology, South Campus, Sector 25, Panjab University, Chandigarh 160014; Res. H.No. 1524, Pushpac Complex, Sector 49B, Chandigarh 160047; Tel. 09915007784(M); Email: kanakdikshit@pu.ac.in; kanakdixit@gmail.com; Sp. Molecular Biology/ Biotechnology/Genetics.
- 2000 DIKSHIT, Madhu (b. 1957) PhD, FNA, FASc, FAMS, JC Bose National Fellow; THSTI National Chair; Res. C-95, Sector M, Aliganj, Lucknow 226024; Tel. 09415111766, 06393782190 (M); Email: madhudikshit@thsti.res.in; drmadhudikshit@gmail. com; Sp. Biochemical & Molecular Pharmacology.

Council: V.P. 2023- Mem. 2009-10

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Council : Mem. 2013-14

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1979 **DUBE, Shobh Nath** (b. 1937) PhD, Director, Science & Technology, Kota Open University, Rawat Bhata Road, Kota-324 010; Tel. (0744) 426322(O), 450567(R); Sp. **Fluid**

Mechanics/Heat Transfer.

2014 DUBEY, Nawal Kishore (b. 1957) PhD, Professor, Department of Botany, Banaras Hindu University, Varanasi - 221005; Res. B34/130, A-13, Manas Nagar Ext., Durga Kund, Varanasi -221005; Tel. 09415295765(M); Email : nkdubeybhu@gmail. com; nkdubey2@rediffmail.com; Sp. Plant Pathology/ Angiosperm Taxonomy/Bioprospection.

1992 **DUTTA, Chitra**, PhD, Chief Scientist & Head, Structural Biology & Bio-Informatics Division, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Kolkata - 700 032. Email :

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Physical Chemistry.

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Neonatology.

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- 2005 EHTESHAM, Nasreen Zafar (b. 1959) PhD, Director-in-Charge, Scientist G, National Institute of Pathology, Safdarjung Hospital Campus, New Delhi 110029; Tel. 08826377433(M); Email: nzehtesham@gmail.com; Sp. Molecular Biology and Cell Biology and Cell Biology and Cell Signaling.
- 1989 FAROOQ, Ahmad (b. 1934) PhD(Purdue), Formerly Professor & Head, Department of Reproductive Biology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110 029; Res. CII-28, AIIMS Campus, Ansari Nagar, New Delhi 110 029; Tel. (011) 26862416, 2661123/304(O), 2668745(R); Sp. Physiology/Endocrinology/Reproductive Immunology/Contraceptive Technology.
- 2012 FLORA, Swaran Jeet Singh (b. 1956) PhD,FAEB,FABP,FSSE, Director, National Institute of Pharmaceutical Education and Research, Shree Bhawani Paper Mill Road, ITI compound, Raebareli 229010; Res. 123-E, Sarojini Nagar Sainik Colony, Lucknow 226008; Tel. 09425482305(M); Email : director@niperraebareli.edu.in; sjsflora@hotmail.com; Sp. Toxicology of Metals/Drug Development/Chelation Treatment.
- GADAGKAR, Raghavendra (b.1953) PhD, FNA, FASc, FTWAS, International Member, NAS USA, Member, Ger.Nat.Acad.Sci. Leopoldina, Foreign Hon. Member, Amer.Acad.of Arts & Sci.; Founder President, ISEB; DST Year of Science Chair Professor, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012; Res. 3082, Cornwall, Prestige Kensington Gardens, 17, HMT Main Road, Jalahalli, Bangalore 560013; Tel. (080) 22932340(O), 43022022(R); Email: ragh@iisc.ac.in; Sp. Animal Behaviour, Ecology/Evolution. Council: 2006
- 1990 GADGIL, Madhav Dhananjaya (b. 1942) PhD(Harvard), FNA, FASc, FTWAS, Res. A-18, Springflowers Apartment, Panchavati, Pashan, Pune 411008; Tel. (020) 25893424(R); 09881153413(M); Email : madhav.gadgil@gmail.com; Sp. Ecology.
- 1999 GAIROLA, Bhartendu Kumar (b. 1949) PhD, Dy Director General, National Informatics Centre, Ministry of Information Technology, Govt. of India, A-B Block, CGO Complex, Lodi Road, New Delhi 110003; Res. DII/95 Kidwai Nagar (W), New Delhi; Tel. (011) 4361635(O), 4674548(R):, Sp. Information Technology.

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- 2017 GALANDE, Sanjeev (b. 1967) PhD,FNA,FASc, Professor & Dean, School of Natural Sciences, Shiv Nadar University, NH-91, Tehsil Dadri, Gautam Buddha Nagar 201314; Tel. 09923363737(M); Email : sanjeev.galande@snu.edu.in; sanjeevgalande@gmail.com; Sp. Epigenetics, Cell and Molecular Biology.
- 2004 GAMBHIR, Yogendra Kumar (b. 1941) PhD, Professor, Physics Dept., Indian Institute of Technology, Powai, Mumbai 400076; Res. Qtr.No. C-503, Sh. Vijay Vihar, IIT (Mumbai) Employees CHS Ltd., Near Powai Vihar, Powai, Mumbai 400076; Tel. (022) 25767564(O), 25768564, 25704068(R); Fax: 25723480, 25767552; Email: yogy@phy.iitb.ac.in; Sp. Sub-Atomic Physics/Theoretical Physics.
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- 1996 GANESH, Krishnarajanagar Nagappa (b. 1953) PhD(Delhi), PhD(Cambridge), FNA, FASc, FMASc, FTWAS, Professor of Chemistry & Director, Indian Institute of Science Education & Research Tirupati, Tirupati 517507; Tel. Email: kn.ganesh@iisertirupati.ac.in; Sp. Bioorganic Chemistry/Nucleic Acids Peptides/Medicinal Chemistry.
- 2012 GANESH, Subramaniam (b. 1968) PhD, FASc, Professor, Department of Biological Sciences & Bioengineering, Indian Institute of Technology Kanpur, Kanpur 208016; Res. House No. 510, Type 5, IIT Campus, Kanpur 208016; Tel. (0512) 2594040(O), 2598590(R); Fax: 2594010; Email: sganesh@itk.ac.in; Sp. Human Molecular Genetics/ Neuroscience.
- 1994 GANGAL, Sharad Vishwanath (b. 1937) PhD, FASc, FCAAI, Director, Institute of Environmental Medicine, Kasturba Hospital, Mumbai; Res. Lakshmi Niwas, Opp. Santoshi Mata Temple, (B-Cabin), Sane Guruji Path, Naupada, Thane 400602; Tel. (022) 25376961(R), 09324924307(M); Email: sharadvgangal @hotmail.com; Sp. Biochemistry/Immunology/Allergy.
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2018 GANGULI, Ranjan (b. 1967), PhD, FNAE, FASME, FRAeS, FAeSI, Professor, Aerospace Engineering Dept., Indian Institute of Science, Bangalore - 560012; Res. 8505 Prestige Monte Carlo, Yelahanka, Bangalore - 560064; Tel. (080) 22933017(O), 22193768(R), 09980542144(M); Fax: 23600134; Email: ganguli@iisc.ac.in; Sp. Aerospace Engineering.

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- 2023 GAUNS, Manguesh Uttam (b. 1970) PhD, FNESA, FAEB, Senior Principal Scientist & Head, Biological Oceanography Div., CSIR-National Institute of Oceanography, Dona Paula, Goa 403004; Res. St. Lawrence, Agassaim-Mercurim, Ilhas-Goa 403204; Tel. (0832) 2450217(O), 2217197(R), 09421241835(M); Fax: 2450602, 2450603; Email: gmangesh @nio.org; Sp. Oceanography/Marine Biodiversity/Marine Biogeochemistry.
- 2000 GAUR, R.D. (b. 1945) PhD, FBS, Professor Emeritus; Formerly Head, Department of Botany & Dean, Faculty of Science, H.N.B. Garhwal University, Srinagar-Garhwal, Uttarakhand; Res. HN 653, Hanumantpuram, Lane 6, Ganga Nagar, Rishikesh, Uttarakhand 249201; Tel. (0135) 2431187(R), 09412961288(M); Email: rdgaur2009@gmail.com; Sp. Plant Systematics/ Ethnobotany/Conservation Biology.
- 1988 **GAUR, Vinod Kumar** (b. 1936) DIC, PhD(Lond.), DSc(hc), FNA, FASc, FTWAS, Professor Emeritus, CSIR Fourth Paradigm Institute, NAL Belur Campus, NAL Wind Tunnel Road, Kempapura, Bellandur, Bengaluru 560037; Res. 101, Windsor Court, 17, Millers Road, Bangalore 560046; Tel. (080) 23437410(R); Email: gaurvinod36@gmail.com; gaur@csir4pi. in; Sp. **Earth System Science (Geophysical Sciences).**
- 2006 GAUTAM, Dinesh Kumar (b. 1959) PhD, Former Professor & Head, Dept. of Electronics, North Maharashtra University, Jalgaon; Res. Rue Theodore de Cuyper 163, Box No. 2, Woluwe Saint Labert, Brussels 1200, Belgium; Tel. 09326755042, +32-494902706(M); Email: dkgautam_nmu@hotmail.com, dkgautam.iacqer@gmail.com; Sp. Electronics/Optoelectronics/Semiconductor Materials and Devices/Nanomaterials.
- 2007 GAUTHAM, Namasivayam (b. 1955) PhD, Formerly Professor, Centre for Advanced Study in Crystallography & Biophysics, University of Madras, Guindy Campus, Chennai 600025; Res. 1, Park Street, Kilpank Garden, Chennai 600010; Tel. (044) 26472938(R), 09940578240(M); Email : n_gautham@hotmail.com; Sp. Biomolecular Structure/X-ray Crystallography/Computational Biology.

2001 GEETHA BALI (b. 1949) PhD, D.Sc., Former Vice-Chancellor, Karnataka State Women's University; Sterling South End, 30th Cross, 7th Block, Jayanagar, Bangalore – 560082; Email: geetha.bali@gmail.com; Sp. Behaviour/Neuroethology/Insect Physiology/Biocontrol.

2000 **GEETHA, Srinivasa Rao** (b. 1944) PhD, Formerly Professor, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai; Res. 90/1(Old 50/1) Second Main Road, Gandhi Nagar, Adyar, Chennai - 600020; Tel. (044) 24411347, 42118801(R); Email: geetha_srao@yahoo.com; Sp. Mathematical Analysis/Functional Analysis/Approximation Theory/Wavelet Analysis.

2023 **GEORGE, Subi Jacob** (b. 1977) PhD, FASc, Professor & Head, New Chemistry Unit & School of Advanced Materials, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur PO, Bangalore - 560064; Res. A-303, MV Royal Homes, Srirampura, Jakkur, Yelahanka, Bangalore - 560064; Tel. (080) 22082964(O), 23690615(R), 09916729572(M); Email: george@jncasr.ac.in; subijg@gmail.com; Sp. **Supramolecular Chemistry/Organic Materials/Spectroscopy.**

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2010 GHASKADBI, Surendra Madhukar (b. 1956) PhD, Former Scientist G and Honorary Advisor, Developmental Biology Group, MACS-Agharkar Research Institute, Pune - 411004; Res. 301, Sampadan, Income Tax Lane, Prabhat Road, Pune - 411004; Tel. 09822659155, 09518576497(M); Email : ghaskadbi@gmail.com; Sp. Developmental Biology/Cell Biology/Evolution.

1977 GHATAK, Ajoy Kumar (b. 1939) PhD(Cornell), Past President, NASI & Formerly MN Saha Distinguished Chair Professor, NASI; Formerly Professor of Physics at IIT Delhi; Res. D-42, Hauz Khas, New Delhi-110016; Tel. (011) 41033386(R), Email: ajoyghatak5@gmail.com Sp. Fiber Optics/Quantum Mechanics.

Council: Mem. 2015-16 Pres. 2021-22 P.Pres. 2023-

2015 **GHORAI, Manas K.** (b. 1967) PhD, Professor, Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur - 208016; Tel. (0512) 2597518, 2597539(O); Email: mkghorai@iitk.ac.in; Sp. **Synthetic Organic Chemistry.**

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2002 GHOSH, Amitabha (b.1941) DPhil,DSc(hc),FIE,FNAE,FASc,FNA, INSA Emeritus Scientist, Former NASI Platinum Jubilee Senior Scientist, INSA Senior Scientist, Professor & Head of Mechanical Engineering, IIT Kanpur and Director, IIT Kharagpur; Res. Flat D2, 'Kalpataru Apartments', 50/A, College Road, PO Botanic Garden, Howrah - 711103; Tel. (033) 26682424(R), 09433043427(M); Email: amitabha@iitk.ac.in; amitabhaiitk@gmail.com; Sp. Mechanics, Machine Dynamics & Robotics, Manufacturing Science.

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2016

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Polymer Science & Engineering/Rheology/Chemical Engineering.

Council: Mem. 2023-

2013 GHOSH, Arindam (b. 1969) PhD, FNA, FASc, Professor, Department of Physics, Indian Institute of Science, Bangalore – 560012; Res. HE 351, IISc Campus, Bangalore – 560012; Tel. (080) 22933288(O), 09880064200(M); Email: arindam@iisc.ac. in; Sp. Experimental Condensed Matter Physics at Ultra-low Temperature/Nano Electronics/ Semiconductor Physics.

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2015 GHOSH, Mrinal Kanti (b. 1966) PhD, FAScT, Chief Scientist (G), Professor, AcSIR, Head, Division of Cancer Biology & Inflammatory Disorder, Translational Research Unit of Excellence, Salt Lake Campus, CSIR-IICB, CN-6, Sector V, Salt Lake, Kolkata - 700091; Res. Jayajayanti Sourav Abasan, Flat-A2, AJ-15, AJ Block, Sec-II, Salt Lake, Kolkata - 700091; Tel. 09836129350(M); Fax: 033-24735197, 24723967; Email: mrinal.res@gmail.com; mrinalghosh@iicb.res.in; Sp. Biochemistry/Molecular Oncology/Targeted Nanodelivery of Nanotherapeutics Across the BBB.

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1997 GHOSH, Prahlad C. (b.1953) PhD, Professor, Department of Biochemistry, University of Delhi South Campus, New Delhi -110021; Res. Type - 5A Apt. Flat No. 3, University of Delhi South Campus, New Delhi-110021; Tel. (011) 24111968(O), 24117560(R), 09810841488(M); Fax : 24115270; Email : pcghose@gmail.com; Sp. Cell Biology/Drug Delivery.

2014 GHOSH, Probir Kumar (b. 1962) PhD, FNA, FNAAS, FISA, FISPP, FWAST, Director and Vice-Chancellor, ICAR-National Institute of Biotic Stress Management, Raipur - 493225, Chhattisgarh; Former Director, ICAR-Indian Grassland & Fodder Research Institute, Jhansi; Tel. (0771) 2277333, 09453042870(M); Email: director.nibsm@icar.gov.in pkgiipr@gm ail.com; Sp. Agronomy/Conservation Agriculture Carbon Sequestration/Soil Water Conservation/Fodder Research.

1993 GHOSH, Ranjit Kumar (b. 1944) PhD, Assistant Director, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Jadavpur, Kolkata - 700032; Res. Flat D/1,77A, Bade Raipur Road, Kolkata - 700032; Tel. (033) 24733491, 24730492, 24736793(O); Sp. Molecular Biology.

GHOSH, Sankar Kumar (b. 1963) PhD, Professor, Biotechnology, 2015 Assam University, Silchar; Former Vice Chancellor, University of Kalvani, Nadia: Res. 28/2G. Nakuleswar Bhattacheriee Lane. Kalighat, Kolkata - 700026; Tel. 09435372338, 06291672338 (M); Email: drsankarghosh@gmail.com; Sp. Biotechnology/ Healthcare Genomics & Bioinformatics/Biodiversity and DNA Barcoding.

1992 GHOSH, Sibdas (b. 1939) PhD, DSc, Former Professor, Head of the Dept., Programme Coordinator, CAS, Department of Botany, University of Calcutta, Kolkata - 700 019; Res. 4C/44R Gariahat Kolkata -700029; Tel. (033) 24404694(R), 09433130313(M); Email: sibdasghosh@gmail.com; Sp. Cell

Biology/Cytogenetics.

2023 GHOSH, Subimal (b. 1979) PhD, Professor, Dept. of Civil Engineering, Indian Institute of Technology Bombay, Mumbai -400076; Res. Flat 2003, Himadri Building, Indian Institute of Technology Bombay, Mumbai - 400076; Tel. (022) 25767319(O), 09930663969(M); 25768319(R), Email Sp. subimal.ghosh@gmail.com; subimal@iitb.ac.in; Hydrometerology/Regional Climate Modeling/Hydrology.

2023 GHOSH, Sumit (b. 1980) PhD, Senior Principal Scientist, Plant Biotechnology Division, CSIR-Central Institute of Medicinal & Aromatic Plants, PO-CIMAP, Lucknow - 226015; Res. E3, CIMAP Colony, Vikas Nagar, Sector 7, Lucknow - 226022; Tel. (0522)2718518(O). 09565030235(M); **Fmail** sumitghosh@cimap.res.in; sumitg80@gmail.com; Sp. Plant Biochemistry/Plant Molecular Biology/Plant Specialized Metabolism.

2017 **GHOSH, Sundargopal** (b. 1968) PhD,FASc, Professor, Department of Chemistry, Indian Institute of Technology Madras, Room No.317, Chennai - 600036; Res. C2-7/6C, Kurinji Apartment, Indian Institute of Technology Madras, Chennai - 600036; Tel. (044) 22574230(O), 09884432944(M); Email : sghosh@iitm. ac.in; Sp. **Main Group and Organometallic Chemistry.**

2001 GHOSH, Swapan Kumar (b. 1949) PhD, FASc, FNA, FTWAS, Distinguished Professor, UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai, Kalina, Santacruz (E), Mumbai - 400098; Res. Plot No. 56, Row House, Sector 1, Kopar Khairane, Navi Mumbai - 400709; Tel. (022) 27549108(R), 09222989108(M); Email: swapankghosh@gmail. com; Sp. Theoretical Chemistry/Soft Condensed Matter Physics/Computational Materials Science.

Council: Mem. 2019-20

2010 GHOSH, Swarna Kanti (b. 1955) PhD, FASc, Formerly Senior Professor, Department of Astronomy & Astrophysics, Tata Institute of Fundamental Research, Mumbai; Res. 1, Lovedale Apartments, Minoo Desai Marg, Colaba, Mumbai - 400005; Tel. (022) 22804645(R), 09867204645, 09545514645(M); Email: swarna@tifr.res.in; Sp. Infrared Astronomy/Interstellar Medium/Astronomical Instrumentation.

1976 **GILL, Bakhshish Singh** (b. 1925) PhD, FNA, FNAAS, Veterinary Consultant, Formerly Dean, College of Veterinary Science and Special Director of Research (Veterinary & Animal Sciences), Punjab Agricultural University, Ludhiana; Res. 110/A, Aggar Nagar, Ludhiana-141012; Tel. (0161) 2552931(R); Sp. **Parasitology/Immunology/Epidemiology**.

1996 GILL, Dip Singh (b. 1945) PhD, Professor Emeritus, Department of Chemistry, Panjab University, Chandigarh - 160014; Res. House No. 949, Phase 4, Mohali – 160059; Tel. (0172) 4667676; 09876577154(M); Email : dipgill@yahoo.com; Sp. Physico-Inorganic Chemistry/Copper (I) Chemistry in Pure and Mixed Non Aqueous Solvents, Specially Cu-63 and Cu-65 NMR Studies.

2015 **GIRI, Ashok Kumar** (b. 1952) PhD, DSc, FNA, NASI Senior Scientist, Molecular Genetics Division, Indian Institute of Chemical Biology, Kolkata - 700032; Res. Flat No. C-1102, Mohul Block, Salboni, 64/98C Khudiram Bose Sarani, Kolkata - 700037; Tel. (033) 24995724(O), 09433251823(M); Fax: 24735197; Email: akgiri15@yahoo.com; akgiri@iicb.res.in; Sp. **Genetic Toxicology/Human Genetics/Molecular Biology.**

2018 GIRI, Ashok Prabhakar (b. 1967), PhD, Former Chair & Senior Principal Scientist, Biochemical Sciences Division, CSIR-National Chemical Laboratory, Pune - 411008; Professor, Academy of Scientific and Innovative Research, India; Res. Bungalow 4, Behind NCL-Campus Post Office, NCL Colony, Pashan Road, Pune - 411008; Tel. (020) 25902710, 25902237(O), 25902411(R), 09850942695(M); Email: ap.giri@ncl.res.in; Sp. Plant Defense Mechanisms/Molecular Insect-Plant Interaction and Plant Secondary Metabolic Pathways.

2021 GIRI, Jitender (b. 1980) PhD, Scientist V, Lab 110, National Institute of Plant Genome Research, Aruna Asaf Ali Road, New Delhi - 110067; Res. H-III-001, National Institute of Plant Genome Research, Aruna Asaf Ali Road, New Delhi - 110067; Tel. (011) 26735227(O), 26735213(R), 09015482433(M); Email: jitender@nipgr.ac.in; Sp. Plant Nutrition/Genomics/Root Development.

2007 GODBOLE, Rohini Madhusudan, (b. 1952) D.Litt.(TMV), D.Litt.(SNDTWU), D.Sc.(IIT(K)), PhD(SUNY), FASc, FNA, FTWAS, Professor, Centre for High Energy Physics, Indian Institute of Science, Bangalore - 560012; Res. E18, IISc Housing Colony, Bangalore - 560012; Tel. (080) 29322845, 23607798(O), 23608357(R); 09448118357(M); Fax: 23600106, 23600683; Email: rohini@iisc.ac.in; godbolerm@gmail.com; Sp. Theoretical High Energy Physics.

Council: V.P. 2017-18

2004 GODWAL, Budhiram Kulanand (b. 1946) PhD, FASc, Former Head, High Pressure Physics Division, BARC, Mumbai; Res. 28, Creekview Co-operative Housing Society, Plot No. 33, Sector 9A, Vashi, Navi Mumbai – 400703; Tel. (022) 27801211(R); Email: bkgodwal@yahoo.com; bkgodwal@gmail. com; Sp. Condensed Matter Physics/High Density Matter/Plasmas.

1989 **GOEL, Prem Shanker** (b. 1947) PhD, FNAE, FNA,FASc, FIETE, FASI, FTWAS, Hon. Distinguished Professor, Room No. 142, ISRO Head Quarters, Antrish Bhavan, Bangalore – 560231; Formerly Secretary, Govt. of India, Ministry of Earth Sciences; Res. No.6, 1st Main, 9th Cross, Opp. BESCOM Office, ISRO Layout, Bangalore – 560111; Tel. (080) 22172150, 23410013 (O), 07382618774(M); Email: dr.psgoel@gmail.com; ps.goel@rcilab.in; Sp. **Satellite Control Systems/Space Technology.**

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2005 GOHIL, Ravinder Nath (b. 1946) PhD,FBS, Formerly Professor, Department of Botany, University of Jammu, Jammu; Ex Director, Centre for Biodiversity Studies, BGSB University, Rajouri, J&K; Res.113-114 Greater Jammu, Kunjwani Bye Pass, Jammu - 180010; Tel. (0191) 2483054(R), 09419193164(M); Email: rng04@rediffmail.com; Sp. Cytogenetics/Ethnobotany.

2012 GOKHALE, Rajesh Sudhir (b. 1967) PhD, FNA, FASc, Secretary, Department of Biotechnology, Ministry of Science & Technology, Govt. of India, Block 2, CGO Complex, Lodhi Road, New Delhi - 110003; Res. H-8, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi - 110067; Tel. (011) 26741452(R), 09811559987(M); Email: rsg@nii.ac.in; Sp. Immunometabolism, Tuberculosis, Vitiligo.

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- 2014 GOPAKUMAR, Rajesh (b. 1967) PhD, FNA, FASc, FTWAS, Distinguished Professor & Centre Director, International Centre for Theoretical Sciences, Tata Institute for Fundamental Research (ICTS-TIFR), Survey No. 151, Shivakote, Hesaraghatta Hobli, Bangalore 560089; Tel. (080) 46536020(O); Email : rajesh.gopakumar@icts.res.in; gopakumr@gmail.com; Sp. Theoretical Physics/Quantum Field Theory/String Theory.
- 2013 GOPAL, Balasubramanian (b. 1970) PhD, FNA, FASc, Professor, Molecular Biophysics Unit, Indian Institute of Science, Bangalore 560012; Res. Flat 2, Plot 41, Sri Guru Vanam, ITI Layout, M.S. Ramaiah Nagar, Bangalore 560054; Tel. (080) 22933219(O), 23602838(R), 09880450577(M); Fax: 23600535; Email: bgopal@iisc.ac.in; Sp. Structural Biology/Molecular Biophysics.
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- 2001 GOPALAKRISHNAN, Jagannatha (b. 1944) PhD(IISc.), FNA, FASc, FWIF, IISC Distinguished Alumnus, Solid State & Structural Chemistry Unit, Indian Institute of Science, Bangalore 560012; Formerly NASI Senior Scientist; Res. Sangeet Apts. #3, 226, 4th Main Road, Malleswaram, Bangalore 560055; Tel. (080) 22932537(O), 23345163(R), 09449545185(M); Fax: 23601310; Email: gopalkrish@iisc.ac.in; gopalj18@gmail.com; Sp. Solid State/ Materials Chemistry.
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 GOSWAMI, Bhupendra Nath (b. 1950) PhD, FNA, FASc, FTWAS.

GOSWAMI, Bhupendra Nath (b. 1950) PhD, FNA, FASc, FTWAS, Former Director, IITM, Pune, SERB Distinguished Fellow, Department of Physics, Cotton University, Panbazar, Guwahati-781001; Tel. 09860201144, 07020149530(M); Email: bhupengoswami100@gmail.com; Sp. Tropical Meteorology/Monsoon Dynamics/ Predictability of Weather and Climate.

GOSWAMI, Jitendra Nath (b.1950) PhD, FNA, FASc, FTWAS, Formerly Director, JC Bose National Fellow, Physical Research Laboratory, Navrangpura, Ahmedabad-380009; Res. B-31, Jupiter Towers, Bodakdev, Ahmedabad – 380054; Tel. (079) 26314332(O), 09909950961(M); Fax: 26300374, 26314900; Email: goswami@prl.res.in; Sp. Solar System Studies/Solar-Stellar Relationship/ Geochronology.

Council: Mem. 2008-09

2004

2010 GOSWAMI, Ravinder (b. 1963) MD, DM, FASc, FAMS, Professor, Department of Endocrinology & Metabolism, All India Institute of Medical Sciences, New Delhi - 110029; Res. Flat AG, Type 6, Tower 5, East Kidwai Nagar, New Delhi - 110023; Tel. (011) 26594272(O), 26589837(R), 09818130879(M); Fax: 26588641, 26588663; Email : gosravinder@hotmail.com; Sp. Endocrinology/Hypocalcemic Disorder.

2015 GOSWAMI, Srubabati (b. 1966) PhD, FASc, Professor G, Theoretical Physics Division, Physical Research Laboratory, Navrangpura, Ahmedabad - 380009; Tel. 07926314471(M); Email: sruba@ prl.res.in; Sp. Neutrino Physics.

1998 GOURIE-DEVI, Mandaville (b. 1938) MBBS, MD, DM(Neuro), DSc(hc), FAMS, FIAN, FNAS, Emeritus Professor of Neurology, Institute of Human Behaviour and Allied Sciences, New Delhi; Chairperson, Department of Neurophysiology & Senior Consultant Neurologist, Sir Ganga Ram Hospital, New Delhi; Former Director-Vice-Chancellor, NIMHANS, Bangalore; Res. Flat # 9, Doctors Apartments, Vasundhara Enclave, Delhi 110096; Tel. 09871007544(M); Fax: 22599227; Email: mgouriedevi@gmail.com; Sp. Neurology/ Clinical Neurophysiology/ Neuroepidemiology.

GOVIL, Narendra Kumar (b. 1940) PhD(Montreal), Emeritus 1979 Professor, Department of Mathematics & Statistics, 214C, Parker Hall, Auburn University, Auburn, AL 36849, USA; Res. 523 Owens Road, Auburn, AL 36830, USA; Tel. (334) 844-6558(O). 887-5418(R); Fax: 844-6555: Email: govilnk@auburn.edu; Sp. Approximation Theory/Complex Analysis/ Fourier Analysis.

2004 GOVINDARAJAN, Rama (b. 1962) PhD, FASc, Professor, International Centre for Theoretical Sciences, Tata Institute of Fundamental Research, Bengaluru - 560089; Tel. (080) 46536000(O). 23089166(R), 08106671309(M); Email: rama.govindarajan@gmail.com; rama@icts.res.in; Sp. Fluid Dynamics.

Council: Mem. 2020-21

2019 GOVINDASAMY, Sekar (b. 1971) PhD,FRSC, Department of Chemistry, IIT Madras, Chennai - 600036; Res. B26-2D, Chera Apartment, Delhi Avenue, IIT Madras, Chennai -600036; Tel. (044) 22574229(O), 22576229(R), 08754482987 (M); Fax: 22574202; Email: gsekar@iitm.ac.in; Sp. Organic Synthesis/Asymmetric Synthesis/Catalysis.

1978 GOVINDJEE, Govindjee (b. 1933) PhD(UIUC, Illinois), FAAS (USA). Professor Emeritus of Plant Biology, Biochemistry and Biophysics, University of Illinois at Urbana-Champaign, 286 Morrill Hall, 505, South Goodwin Avenue, Urbana IL 61801-3707, USA.; Res. 2401, South Boudreau, Urbana IL, 61801-6655,USA; Tel. 1-217-721-9954(M), 337-0627(R); Fax: 244-: gov@illinois.edu; Sp. Photosynthesis/ 7246; Email Photobiology.

2015 GOWDA, G.D. Veerappa (b. 1955) PhD, FNA, FASc, Former Professor, TIFR Centre for Application Mathematics, PB No. 6503, Sharadanagar, Bangalore - 560065; Res. # 1262, 10th Main, 1st Cross, Judicial Layout, Bangalore - 560065; Tel. (080) 66953743(O), 09740818971(M); Fax: 66953799; Email: gowda@tifrbng.res.in; Sp. Partial Differential Equations.

1995 GOWRISHANKAR, Jayaraman (b.1956) MBBS, PhD, FNA, FASc, Formerly Director, IISER Mohali; Staff Scientist and Director, CDFD, Scientist, CCMB; Res. N-2, Nemali Meadows, 12-2-715B Padmanaba Nagar, Mehdipatnam, Hyderabad - 500028; Tel. (040) 35586080(R), 09160430111(M); Email: jayaraman. gowrishankar@gmail.com; Sp. Microbial Genetics/Molecular Biology.

GOYAL, Anand Narayan (b.1936) PhD, D.Sc., F.R.A.Sc. (Pilani), 1989 FRAS(Lond.), Formerly Professor & Head, Department of Mathematics, University of Rajasthan, Jaipur - 302004; Res. B-133 A, Rajendra Marg, Bapu Nagar, Jaipur - 302015; Tel. (0141) 515060(R); Sp. Astronomy/Information Theory/ Integral Transforms.

1994 GOYAL, Ashok Kumar (b. 1945) PhD(Pennsylvenia), Reader, Department of Physics, Hansraj College, University of Delhi, Delhi- 110007; Res. 28, Saakshara Apts., A-3 Paschim Vihar, New Delhi- 110063; Tel. (011) 25260982(R), 09818084429(M); Email: agoyal@ducos.ernet.in; Sp. Particle Physics/ Astroparticle Physics.

1982 GOYAL, Kundan Lal (b. 1933) PhD(Petroleum Engg.), PhD (Res.Engg.), DSc(Pet. Engg.), FInstt.Petro. (UK), FBMA (UK), FIE, Director (IMD), ONGC, Gen. Manager, Energy Research, ONGC, Dehradun; Res. 8A Bengali Mohalla Road, Dehradun-248001; Tel. (0135) 2742414(R), 07500628942(M); Sp. Petroleum Engineering/HRD Specialist.

2006 GOYAL, Ramesh K. (b. 1955) PhD, FIACS, FAMS, FIPS, FICN, FIC, Vice Chancellor, Delhi Pharmaceutical Science & Research University, MB Road, Pushp Vihar, Sector 3, Delhi – 110017; Tel. (011) 29552022(O), 09825719111(M); Email: goyalrk@rediffmail.com; goyalrk@gmail.com; Sp. Pharmacol-

ogy/Basic and Clinical Medical Sciences.

1999 **GROVÉR, Anil** (b. 1958) PhD, FNA, FASc, FNAAS, Formerly Senior Professor, INSA Senior Scientist, Department of Plant Molecular Biology, University of Delhi South Campus, Dhaula Kuan, New Delhi - 110021; Res. C1/96 Janakpuri, New Delhi - 110058; Tel. (011) 24111208(O), 43090777(R), 09871618167 (M); Email: anil.anilgrover@gmail.com, agrover@south.du.ac. in: Sp. **Plant Abiotic Stress Biology**.

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1997 GROVER, Arun Kumar (b.1951) PhD, FASc, Emeritus Professor (Honorary) and DAE Raja Ramanna Fellow, Punjab Engineering College (Deemed to be University), Chandigarh-160012; Res. 157, First Floor, Sector 16 A, Chandigarh-160015; Tel. 09815335138(M); Email: arunkgrover@gmail. com; Sp.Magnetism/Superconductivity/Vortex State Studies

Exchange Bias Phenomenon.

2015 **GUHA, Debatosh** (b. 1963) PhD, FNA, FASc, FNAE, FIEEE, Abdul Kalam Technology Innovation National Fellow, Professor, Institute of Radio Physics & Electronics, University of Calcutta, 92 APC Road, Kolkata - 700009; Res. 23/17/2B, DPP Road, Kolkata - 700047; Tel. (033) 23509115/9116(O), 24812263(R), 08910269258(M); Email: dguha@ieee.org; Sp. **Electronics & Telecommunication.**

1992 **GUHA, Sujoy Kumar** M.B.B.S., M.S.(Illinois), PhD(St.Louis), Professor & Head, Centre for Biomedical Engineering, Indian Institute of Technology & AIIMS, New Delhi; Res. 9 West Avenue, IIT Campus, New Delhi - 110 016; Sp. **Biomedical**

Engineering.

GULATI, Sheffali (b. 1971) MD,FRCPCH(UK),FAMS,FIAP,FIMSA, Professor, Room No. 805,8th Floor,A Wing, Dept.of Pediatrics, Mother and Child Block, All India Institute of Medical Sciences, Ansari Nagar,New Delhi-110029; Res. F-80, Green Park Main, New Delhi - 110016; Tel. (011) 29576823(O), 35558013(R), 09810386847(M); Fax : 26588663, 26588641; Email : sheffaligulati@gmail.com; sheffaligulati1@gmail.com; Sp. Basic and Clinical Medical Sciences/Neurosciences/Child Neurology.

2022 **GULYANI, Akash** (b. 1974) PhD, Associate Professor, Department of Biochemistry, School of Life Sciences, University of Hyderabad, South Campus, Prof CR Rao Road, Hyderabad - 500046; Res. A 305, Sobha Sapphire, Talacauvery Layout, Amruthahalli, Bengaluru-560092; Tel. (040) 23134760(O), (080) 68446400(R), 09620076993(M); Email: akash.gulyani@uohyd. ac.in; akash.gulyani@gmail.com; Sp. **Biosensors/ Photosensory Systems/Cellular Dynamics.**

1995 **GUNDALA, Ramanaiah** (b.1936) PhD, Formerly Dean of Science and Humanities, Anna University, Chennai; Res. 'Sri Laxmi Haven', Plot 406A, Il Link Street, Sadasivanagar, Madipakkam, Chennai - 600091; Tel. (044) 22580068(R), 09849024026(M); Email: rgundala2002@yahoo.com; Sp. **Applied Mathematics/Fluid Dynamics.**

2006 GUNTUPALLI, V.R. Prasad (b. 1958) PhD,FNA, FASc, Professor, Department of Geology, Centre for Advanced Studies, University of Delh, Delhi – 110007; Res. A-I/8 Type V Quarters, University of Delhi, Maurice Nagar, Delhi – 110007; Tel. (011) 27667073(O), 27662568(R), 09868207140(M); Email: pguntupalli@rediffmail.com; guntupalli.vrprasad@gmail.com; Sp. Mesozoic Vertebrate Palaeontology/Evolution of Mesozoic Mammals/ Cretaceous-Palaeobiography of India.

1949 **GUPTA, A.C.** (b. 1913) F.R.I.C.(Lond.), Formerly Head, Oil & Paint Department; Res. 2A/21, Azad Nagar,Nawabganj, Kanpur-208

002; Sp. Oil & Paint Technology.

1988 GUPTA, Alok K. (b. 1942) PhD (Pittsburgh), FNA, FASc, Adjunct Professor, IIT (ISM); Formerly Emeritus Professor, NCEMP, Allahabad University; Res. Flat No. E202, Kaikhali Chiria More, Green Valley Complex, Kolkata - 136 Tel. 08601350902 (M); Email : alok.krishna.gupta@gmail.com, Sp. Experimental Petrology/Thermodynamics.

Council: V.P. 95-96 G.S. 97-Jan 99 F.S. 93-94 Mem. 92

2006 GUPTA, Anil Kumar (b. 1960) PhD, FASc, FNA, FTWAS, JC Bose National Fellow & Professor, Department of Geology & Geophysics, Indian Institute of Technology, Kharagpur- 721302; Tel.(03222) 283368(O), 09434021903, 08126661820(M); Email: anilg@gg.iitkgp.ac.in; anilg@iitkgp.ac.in; anilgupta021160@gmail.com; Sp. Paleomonsoon/ Global Climates/Paleoceanography.

Council: Mem. 2014-15

2020 GUPTA, Ashok Kumar (b. 1969) PhD, FNAE, Professor, Environmental Engineering Division, Department of Civil Engineering & Head, School of Water Resources, Indian Institute of Technology Kharagpur, Kharagpur - 721302; Res. A-152, IIT Kharagpur Campus, IIT Kharagpur, Kharagpur, Tenzilog; Tel. (03222) 283428(O), 283429(R), 09434018623(M); Email: agupta@civil.iitkgp.ac.in; akgupta@iitkgp.ac.in; Sp. Environmental Science & Engineering/Water Treatment/ Wastewater Management and Reuse.

GUPTA, Avadhesh Kumar (b. 1943) D.Phil.,D.Sc. (France), Professor Emeritus, Centre for Polymer Science & Engineering, Indian Institute of Technology, New Delhi-110016; Res. C-364, Prodyogiki Apts., Sector 3, Plot-11, Dwarka, New Delhi-110075; Tel. (011) 26591422(O), 26591971(R); 09810268323 (M); Fax: 26591421; Email: akgncute@ hotmail.com;Sp. Polymer Science/Polymer Blends and Composite Materials.

Council : Mem. 2011-12

2004 GUPTA, Braj Bansh Prasad (b. 1959) PhD, Professor, Environmental Endocrinology Laboratory, Dept. of Zoology, North-Eastern Hill University, Shillong - 793022; Res. Qr.No. P-5, NEHU Permanent Campus, Shillong - 793022; Tel. (0364) 2722316, 2722317, 2722304(O), 2550085(R), 09436100185 (M); Fax: 2550108; Email: gupta@nehu.ac.in; brajbansh@gmail.com; Sp. Endocrinology/ Neuroendocrinology/ Reproductive Physiology.

GUPTA, Chhitar Mal (b. 1944) PhD,FNA, FASc, FAMS, FTWAS, Distinguished Professor & Infosys Chair, Room No. GF-18, Institute of Bioinformatics and Applied Biotechnology, Biotech Park, Electronics City, Phase – I, Bangaluru – 560100; Res. Appt. No. D-508, Raheja Residency, 3rd Block, Koramangala, Bangaluru – 560034; Tel. (080) 28528900-8902, Extn. 109(O), 40903534(R), 08884900233(M); Email: guptacm@ibab.ac.in; cm44gupta@gmail.com, drcmg@rediffmail.com; Sp. Membrane Biology/ Medicinal Chemistry/ Bioorganic Chemistry.

1986 GUPTA, Harsh Kumar (b. 1942) PhD, Fellow, International Science Council; Foreign Member, Russian Academy of Sciences; FNA, FTWAS, FAGU, NASI Senior Scientist, Member, Atomic Energy Regulatory Board, National Geophysical Research Institute, Uppal Road, Hyderabad - 500007; Currently President, GSI; Past President of IUGG; Formerly Member, National Disaster Management Authority; Secretary to the Govt. of India, Department of Ocean Development; Res. N-1/A, Manjusha, Kakatiya Nagar, Habshiguda, Hyderabad - 500007; Tel. (040) 27012600, 27012866(O); Fax: 27012866; Email: harshndma@ gmail.com; harshg123@gmail.com; Sp. Geophysics/ Seismology.

1998 **GUPTA, Indu** (b. 1943) M.B.B.S., M.D., PhD, FAMS, FIMSA, Professor, Department of Obstet. Gynae., PGI, Chandigarh - 160012; Res. H.No. 276, Sector 6, Panchkula; Tel. (0172) 2747585 Ext. 6346(O), 2565628, 2578730(R); Email: indurc43 @gmail.com; Sp. **Obstetrics and Gynaecology.**

2008 GUPTĂ, Kailash Chand (b.1952) PhD, FNA, Distinguished Scientist Chair (ICMR), Nucleic Acids Research Laboratory, CSIR-Institute of Genomics and Integrative Biology, Mall Road, Delhi University Campus, Delhi – 110007; Formerly Director, IITR, MG Marg, Lucknow; Res. 233, Dharamkunj Apartments, Sector 9, Rohini, Delhi-110085; Tel.(011) 27662491(O), 08800994239, 09628106106(M); Fax: 27667471; Email: kcgupta@iitr.res.in; kcgupta@igib.res.in; kcgupta9@gmail.com; Sp. Nano-Biotechnology/Nucleic Acids Chemistry.

1995 GUPTA, Laxmi Chand (b.1938) PhD, FNA,FASc, FTWAS, Formerly Senior Professor, TIFR, Mumbai; Res. 174, NUOVO Apartments, Sector 10, Plot 25, Dwarka, New Delhi – 110075; Email: lcgupta@tifr.res.in; lcgupta38@yahoo.com; Sp. Superconductivity and Magnetism in quaternary borocarbides, NMR/NQR/ Mu-SR, Valence Fluctuations and Heavy Fermions.

Council: Mem. 99-2000

1995 GUPTA, Manjul (b.1951) PhD, Former Professor, Department of Mathematics & Statistics, Indian Institute of Technology, Kanpur- 208 016; Res. 102, Ravindra Garden, Sector E, Aliganj, Lucknow-226024; Tel. (0522)4242340(R), 09140298740(M); Email: manjul@iitk.ac.in; Sp. Functional Analysis-Schauder Bases, Decompositions/Scalar & Vector Spaces, Sequence Infinite Dimensional Holomorphy/Operator Theory - Ideals of Linear Operators, Hypercyclicity & Approximation Property.

1969 **GUPTA, Manoranjan Prasad** (b. 1926) PhD, Formerly Head, Physics Department, Ranchi University, Ranchi; Res. Shivpuri (First House), Ranchi-834 008; Tel. (0651) 22336(O), 23597(R); Sp. **X-Ray Diffraction.**

2021 **GUPTA, Meetu** (b. 1970) PhD, Professor, Department of Biotechnology, Jamia Millia Islamia, Central University, New Delhi - 110025; Res. Type V-002, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Tel. (011) 26735142(R), 09818911750(M); Email : meetu_gpt@ yahoo.com; mgupta@jmi.ac.in; Sp. **Ecotoxicogenomics/Plant Molecular Biology/Environmental Biotechnology.**

2005 **GUPTA, Munishwar Nath** (b. 1948) PhD, FNA, Formerly Emeritus Professor, Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology Delhi, Hauz Khas, New Delhi; Res. 508, Block III, Kirti Apartments, Mayur Vihar Phase 1 Extension, Delhi - 110091; Tel. 09315506902(M); Email:mn_gupta@hotmail.com; munishwar48@yahoo.co.uk; Sp. **Applied Enzymology.**

1998 **GUPTA, Narinder Kumar** (b. 1942) PhD, FNA, FNAE, FTWAS, INSA Honorary Scientist, Department of Applied Mechanics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016; Res. A-53, Gyandeep Apartments, Mayur Vihar Phase I, Delhi- 110091; Tel. (011) 26591178(O), 40347192(R); 09013823907(M); Fax: 26581119; Email: nkgupta@am. iitd.ac.in; Sp. **Plasticity and Impact Engineering.**

1981 **GUPTA, Nawal Kishore** (b. 1917) PhD(Panjab), PhD(London), Formerly Professor, Zoology Department, Panjab University, Chandigarh; Res. 2832, Sector 40-C, Chandigarh - 160 040; Sp. **Parasitology.**

2023 GUPTA, Nivedita (b. 1974) PhD, Scientist G & Head, Communicable Diseases Div., Indian Council of Meidical Research, Ansari Nagar, New Delhi - 110029; Res. H.No. 565, Mandakini Enclave, Gate No. 1, Alaknanda, New Delhi - 110019; Tel. (011) 26588296(O), 41349030(R), 08447509008(M); Email : guptanivedita.hq@icmr.gov.in; Sp. Science Policy/Science & Technology/S&T Management.

2004 GUPTA, Parshotam Dass (b. 1952) PhD, Former Director, RRCAT & VC, HBNI; Res. 25 Parmanu Nagar, CAT Rau Road, PO RRCAT,Indore-452013;Tel.(0731)2487300(R);Email: pdgupta@rrcat.gov.in; pdgupta@gmail.com; Sp. Laser Plasma Interaction/High Intensity Laser/X-ray&Plasma Diagnostics, Synchrotron Radiation Sources, Superconducting RF Cavities.

2003 **GUPTA, Pradeep Kumar** (b. 1954) PhD, FASc, Former Visiting Professor, IIT Delhi and Distinguished Scientist Raja Ramanna Centre for Advanced Technology, Indore; Res. 23-B, Parmanu Nagar, PO RRCAT, Indore – 452013; Tel. 09131181110(M); Email: pkgupta54@gmail.com; Sp. Lasers/Biomedical Applications of Laser/Nonlinear Optics.

1990 GUPTA, Purshottam Das (b. 1939) PhD, Deputy Director, Centre for Cellular & Molecular Biology, Hyderabad - 500 007; Res. D-1, IICT Staff Quarters, IICT Campus, Hyderabad - 500 007; Tel. (040) 672241(O), 671556(R); Sp. Cell Biology.

GUPTA, Pushpendra Kumar (b. 1936) PhD(Manitoba), FBS, FISG, FNA, FASc, FNAAS, Emeritus Professor; Formerly INSA & NASI Senior Scientist, Molecular Biology Laboratory, Department of Genetics and Plant Breeding, Ch. Charan Singh University, Meerut-250004; Res. F-119, Shastri Nagar, Meerut-250004; Tel. (0121) 2974526(R), 09411619105, 06395372254 (M); Email: pkgupta@ccsuniversity.ac.in; pkgupta36@gmail.com; Sp. Cytogenetics/ Genetics & Plant Breeding/Crop Biotechnology.

- 1991 GUPTA, Radha Charan (b. 1935) PhD, Formerly Professor of Mathematics, B.I.T., Mesra, Ranchi; Editor, Ganita Bharati; Res. (Ganita Bharati Academy), R-20, Ras Bahar Colony, P.O. Sipri Bazar, Jhansi - 284003; Tel. 09415965574(M); Sp. History of Mathematics.
- GUPTA, Raj Krishan (b. 1946) PhD, FNA, FNAAS, President, Society for Promotion of Agricultural Research Knowledge, CG Block, NASC Complex, DPS Marg, Pusa, New Delhi; Res. B4/205 FF, Safdarjung Enclave, New Delhi 110029; Tel. (011) 26181175; 09711009365(M); Email: rajbisa2013@gmail.com; Sp. Soil Science/Land Reclamation, Use of Low Quality Waters, Conservation Agriculture and Farmer Participatory Adaptive Research.
- GUPTA, Raj Kumar (b. 1932) PhD(Poona), Dr.Es.Sc. (Toulouse), Ex. Chief Techn. Advisor,FAO, Principal Scientist & Head of Division, Central Soil & Water Conservation Research & Training Institute; Director & Consultant Ecologist, Centre for Research on Ecology, Environmental Applications, Trg. & Edn.(CREATE); Res. 91/2 Vijay Park, Dehradun-248001; Tel. (0135) 2623437(R); Fax: 2625495; Sp. Ecology/Floristics/Integrated Resource Management in Watersheds of Mountain & Desert Areas.
- 2001 **GUPTA, Rakesh Kumar** (b. 1955) M.D., FAMS, Director & Head, Radiology and Imaging Department, Fortis Memorial Research Institute, Sec: 44, Gurgaon 122002; Res. B202 Park Heights, Park Place, DLF Phase V, Sector 54, Gurgaon 122022; Email: rk.gupta@fortishealthcare.com; rakeshree1@gmail.com; Sp. **Magnetic Resonance.**
- 2021 GUPTA, Ritu (b. 1972) MBBS, MD, DNB, Professor & Officer-in-charge, Laboratory Oncology, Room No. 239, Second Floor, Dr. B.R.A. IRCH, AIIMS, Ansari Nagar, New Delhi 110029; Res. E-103, Ansari Nagar East, AIIMS Campus, New Delhi 110029; Tel. (011) 26594439(O), 26593576(R), 09873433275(M); Email: drritugupta@gmail.com; Sp. Pathology/Hemato-Oncopathology/Genomics & Cellular Biology.
- 2005 GUPTA, Santosh Kumar (b. 1946) PhD, FASc, FNAE, NASI Senior Scientist, Department of Chemical Engineering, IIT Kanpur, Kanpur; Tel. 09554272320(M); Email: skgupta@iitk.ac.in; Sp. Polymer Engineering & Science/Optimization/Simulation of Chemical Engineering Systems.

Council: Mem. 2007-08, 2015

1994 **GUPTA, Satish Kumar** (b. 1953) PhD, FNA, FASc, FAMS, Former Deputy Director, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi – 110067; Res. KG-04, Mahindra Aura, Bajghera Road, New Palam Vihar, Sector 110A, Gurgaon - 122017; Haryana; Tel. 09810966357(M); Email : skgupta.nii53@gmail.com; Sp. **Cell Biology/Reproductive Immunology/Vaccines/Immunodiagnosis.**

- 1985 **GUPTA, Satya Prakash** (b. 1945) D.Phil., Formerly Professor, BITS, Pilani; Distinguished Professor, MIET, Meerut; Department of Applied Science, National Institute of Technical Teachers' Training and Research (NITTTR), Bhopal; Res. D-242, Sector 3, Anshal Sushant City, Meerut 250002; Tel. 08889534745(M); Email: spgbits@gmail.com; Sp. Quantum Chemistry/ Biophysics/Computer-Aided Drug Design.
- 1980 GUPTA, Sita Ram (b. 1929) D.Phil.(Alld), PhD, D.I.C.(Lond), C.Chem., F.R.I.C., FIE, Technical & Management Consultant; Res. 28/701, East End Apt, C.G.H.S. Ltd., Mayur Vihar Phase-I, Extn., New Delhi 110096; Tel. (011) 2712002(R); Sp. Electro Chemistry and Industrial Chemicals.
- 2008 GUPTA, Sunil Kumar (b.1955) PhD, Raja Ramanna Fellow, TIFR & & BARC, Mumbai; Formerly Sr. Professor, TIFR, Homi Bhabha Road, Mumbai 400005; Res. 11F2802, Indiabulls Greens, Marigold Sector, Panvel 400005; Tel. 09869439435(M); Email: gupta@grapes.tifr.res.in; gupta.crl@gmail.com; Sp. Physical Sciences.
- 1994 **GUPTA, Suresh Chandra** (b. 1934) PhD, F.I.S.I., FNAE, Formerly Dr.Brahm Prakash Distinguished Professor, ISRO/DOS, Formerly Director, Vikram Sarabhai Space Centre, Trivandrum; Res. Vidya, Pulayanarkotta Road, Trivandrum- 695031; Tel. (0471) 2442963; Email: suvidya456@gmail.com; Sp. **Control & Instrumentation/ Space Technology.**
 - Awards: SICO sponsored National Academy of Sciences, India Award for Instrumentation (1989).
- 1990 GUPTA, Suresh Chandra (b. 1939) MD, MACPath(London), FRCPath(London), FICPath, FAMS, FICAI, Emeritus Professor of Pathology, M.L.N. Medical College, Prayagraj-211 001; Res. 168/117/1, Darbhanga Colony, Near Durga Puja Pandal, Prayagraj-211001; Tel. (0532) 2461163(R), 9839051033(M); Sp. Medical Pathology.
- 2001 GUPTA, Sushil Kumar (b. 1946) PhD, FGSA, Scientist 'SG', Physical Research Laboratory, PO Box 4218, Navrangpura, Ahmedabad 380009; Res. A-2, Shri Krishna (BOD.) Society, NR. LAAD Society, Ahmedabad- 380054; Tel. (079) 6302129 Extn. 4259(O), 6850819(R); Fax:6301502; Email: skgupta@prl.res.in; Sp. Hydrology.
- 2008 GUPTA, Vinod Kumar (b.1953) FWIF, FRSC, Former Professor & Head of Chemistry, IIT Roorkee; Res. C/o Rajat Shikhar Gupta, B-301, Pearl Heights, Ramprastha Greens, Pocket-10, Vaishali, Sector 09, Ghaziabad 201010; Email: vinodfcy@gmail.com; Sp. Chemical Sensors/ Waste Water Treatment/ Electroanalytical Chemistry.

2021 GUPTA, Virendra Kumar (b. 1960) PhD, Senior Vice President, Research & Development, Reliance Corporate Park, Reliance Industries Limited, Navi Mumbai - 400701; Res. 12A, Tower07, Beverlypark Residences, Sector 14, Koparkhairne, Navi Mumbai - 400709; Tel. 09998965284(M); Email : virendra kumar.gupta@ril.com; virendrakumargupta18@gmail.com; Sp. Organometallic Chemistry/Polymer Science/R&T Management.

1994 **GUPTA, Vishnu Deo** (b. 1941)PhD, Formerly Professor of Inorganic Chemistry, BHU; Res. B-31/83, 28-29, Rashmi Nagar, Lanka, Varanasi - 221005; Tel. (0542) 2367425(R); Sp.

Organometallics/Coordination Chemistry.

1983 **GUPTA, Vishwambhar Dayal** (b. 1933) D.Phil., Formerly Vice-Chancellor, University of Gorakhpur, Professor & Head, Dept. of Physics, University of Lucknow, Lucknow; Tel. (0522) 75947(O), 74791(R); Sp. **Study of Macromolecules.**

2007 **GUPTA, Yashwant** (b. 1962) PhD, FNA, FASc, FNAE, Distinguished Professor and Centre Director, NCRA (TIFR), Pune University Campus, Pune - 411007; Res. Surya, Director's Bungalow, NCRA Colony (TIFR), Pune University Campus, Pune - 411007; Tel. (020) 25719000, 25719242(O), 25719342(R); Fax: 25692149; Email: ygupta@ncra.tifr.res.in; Sp. **Astronomy/Astrophysics.**

2008 GUPTA, Yogendra Kumar (b. 1953) MBBS, M.D., FAMS, FST, FIPS, Professor & Head, Department of Pharmacology, All India Institute of Medical Sciences, Formerly Director, IITR (CSIR), Room. No. 4012, Dept. of Pharmacology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi- 110029; Cl/16, Ansari Nagar, New Delhi - 110029; Tel. (011) 26593282(O), 26589691(D), 6594516, 26589602(R), 09868868457(M), Fax: 26589691; Email: yk.ykgupta@gmail.com; Sp. Neuropharmacology/Clinical Pharmacology/ Toxicology.

1968 GUPTA, Yugul Kishore (b. 1924) D.Phil., Formerly Professor of Chemistry, Head, University of Rajasthan; Res. J/5, Phase II, Shivalik Nagar, Hardwar - 249403; Tel. (01334) 230587, 230587(R); Sp. Physical Chemistry/Kinetics and Mechanism

/Analytical Chemistry.

GUPTE, Neelima Madhukar (b. 1956) PhD, Professor Emeritus,
Department of Physics, IIT Madras, Chennai - 600036; Res. 4A
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09382196594(M); Email : gupte@iitm.ac.in; Sp. Nonlinear
Dynamics/Statistical Physics/Complex Systems.

1994 GURJAR, Mukund Keshao (b 1952) PhD, FASc, Director (R&D) & Chief Scientific Officer, Emcure Pharmaceuticals Limited, P2, ITBT Park, Phase II, MIDC, Hinjwadi, Pune – 411057; Tel. (020) 39821350, 39821300(O), 25887674(R), 09860300001(M); Fax: 39821445; Email: mukund.gurjar@emcure.co.in; Sp. Organic Chemistry.

1997 **GURJAR, Rajendra Vasant** (b.1950) PhD, FNA, INSA Senior Scientist Fellow, Department of Mathematics, IIT Bombay, Powai, Mumbai - 400076; Res. 1403 Whispering Woods, Powai Vihar Complex, Mumbai - 400076; Tel. 09004506661(M); Email: gurjar@math.iitb.ac.in; rv.gurjar50@gmail.com; Sp.Algebraic Geometry/Commutative Algebra.

1997 HABIBULLAH, Chittoor Mohammed (b.1936) M.D., D.M., F.A.C.G., FRCS, FAMS, Director, Centre for Liver Research & Diagnostics, Deccan College of Medical Sciences, Kanchanbagh, Hyderabad - 500058; Res. 29, 'Baitul Habeeb', Venkateshwara Colony, Narayanguda, Hyderabad- 500029; Tel. (040) 24342954(O), 24753232(R); Fax: 24342954(O), 24752242(R); Email: cmhabib@rediffmail.com; Sp. Gastroenterology/Hepatology.

2015 HABIB, Saman (b. 1968) PhD, FASc, FNA, Chief Scientist, Division of Biochemistry & Structural Biology, CSIR-Central Drug Research Institute, Sector 10, Jankipuram Ext., Sitapur Road, Lucknow - 226031; Res. 206, Heritage Apts., MM Malviya Marg, Lucknow - 226001; Tel. (0522) 2771940, 1960 Extn.4447(O), 2204430(R); Fax: 2771941; Email: saman_habib@cdri.res.in; saman.habib@gmail.com; Sp. Malaria Biology/Molecular and Cell Biology/Population Genetics.

2013 HAIDER, Syed Aftab (b. 1958) PhD,FNA,FASc, JC Bose National Fellow, Senior Professor & Coordinator, Planetary Science & Exploration Division, Physical Research Laboratory, Navrangpura, Ahmedabad - 380009; Res. Bunglow 9,Unique Park Society (Opp. Bacha Motors), Sarkhej Road, Ahmedabad - 380055; Tel. (079) 26314950(O), 26825302(R), 09662327992 (M); Fax: 26314659; Email: haider@prl.res.in; Sp. Planetary Atmospheres/Mars Aeronomy/Cometary Atmospheres.

2014 HAJRA, Saumen (b. 1968) PhD, Professor, Centre of Bio-Medical Research (CBMR), SGPGIMS Campus, Raebareli Road, Lucknow - 226014; Res. Flora Apartment, Flat-03, 1349, Purbachal Main Road, 30/Q Hospital Road (East), Kolkata - 700078; Tel. 09434706117(M); Fax: (0522) 2668995; Email: saumen.hajra@gmail.com; saumen.hajra@cbmr.res.in; Sp. Asymmetric Synthesis/ Asymmetric Catalysis/Diversity - Oriented Synthesis (DOS)/Stereo-divergent Synthesis of Compounds with Multi-Stereocenters.

1993 HANDA, Sukhdev Swami (b. 1940) M.Pharm.,PhD(Lond.), Formerly Director, Regional Research Laboratory (CSIR), Jammu; Res. Executive Villa, #522A, Block C, Sushant Lok-1, Gurgaon - 100202; Tel. (0124) 4041526, 09312324300(M); Email : sshanda2008@yahoo.co.in; Sp. Pharmacognosy (Drugs from plants)/Herbal Drugs.

1998 HANS-GILL, Rajinder Jeet (b. 1943) PhD (USA), FNA, FASc, FTWAS, Emeritus Professor and INSA Honorary Scientist, CAS in Mathematics, Panjab University, Chandigarh - 160 014; Res. 1611, Sector 44B, Chandigarh - 160047; Tel.(0172) 2541132(O), 2624837(R); Email: hansgill@pu.ac.in, hansgillrj @yahoo.co.in; Sp.Geometry of Numbers.

2007 HARINARAYANA, Kota (b. 1943) PhD, FNAE, FASc, FNA, SERB Distinguished Fellow, CSIR-NAL, Bangalore; Res. NEB 3/401, Sriram Spandana, Chellaghatta, Off Wind Tunnel Road, Bangalore - 560037; Tel. (080) 25086003(O), 42019017(R), 09880796012(M); Email : hnkota@yahoo.com; Sp. Aeronautical Engg./Aircraft Design/Technology Management.

Council: Mem. 2011-12

2006 HARITSA, Jayant Ramaswamy (b. 1964) PhD, FACM, FIEEE, FNAE, FNA, FASc, Professor, CDS, Indian Institute of Science, Bangalore - 560012; Res. 17/1, Vanivilas Road, Basavanagudi, Bangalore - 560004; Tel. (080) 22932793(O), 09449015894(M); Fax: 23602648; Email: haritsa@iisc.ac.in; jharitsa@gmail.com; Sp. Information Technology.

HASNAIN, Seyed Ehtesham (b. 1954) PhD, DSc(hc), DMedSc(hc), FNA, FASc, FTWAS, ML, FAAM, Member, German National Academy of Sciences-Leopoldina, Fellow, American Academy of Microbiology, National Science Chair, Department of Biochemical Engineering and Biotechnology, Indian Institute of Technology, Hauz Khas, New Delhi - 110016; Distinguished Professor, Sharda University, G.Noida; Tel. (011) 26548498(O), Email: sehiitd@gmail.com; seyed.hasnain@sharda.ac.in; seh@dbeb.iitd.ac.in; Sp. Functional Biology, Molecular Pathogenesis, new diagnostics and Novel interventions against Human Pathogens.

Council: F.S. 2003-04 Mem. 2000-2002

2019 HASSAN, Puthusserickal Abdulrahiman (b. 1968) PhD, Scientific Officer H,Head,NBS; Chemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai - 400085; Res. 1A, Kanchanjunga, Anushaktinagar, Mumbai - 400094; Tel. (022) 25595099(O), 25574997(R), 08828282297(M); Fax: 25505151; Email: hassan@barc.gov.in; Sp. Colloids/Polymers/Surfactants.

- 2015 **HEGDE, Narayan Ganapa** (b. 1947) PhD, FNIE, Former President, BAIF Development Research Foundation, Pune; Res. 1105/9-2, Sangeet Kala Path, Off Hare Krishna Mandir Road, Model Colony, Pune-411016; Tel. (020) 25659342(R), 09890181848 (M); Email: narayanhegde47@gmail.com; Sp. Socio-Forestry and Rural Development.
- 1986 **HIREMATH, Shivayogi Pattadarya** (b. 1937) PhD, Hon.D.Sc., Former Vice-Chancellor, Kuvempu University; Res. III Main, Kalyan Nagar, Near Vardha Apartments, Dharwad 580007; Sp. **Organic Chemistry.**
- 2011 HOME, Dipankar (b. 1955) PhD, NASI Senior Scientist; Senior Professor, Department of Physics, CAPSS, Bose Institute, Sector V, Salt Lake, Kolkata 700091; Res. HA 155, Sector III, Salt Lake, Kolkata 700097; Tel. (033) 25693105(O), 23349223(R); Email: quantumhome80 @gmail.com; Sp. Foundation of Quantum Mechanics/ Quantum Information.
- HOSUR, Ramakrishna Vijayacharya (b.1953) PhD, FNA, FASc, FTWAS, Professor, Department of Chemical Sciences, Tata Institute of Fundamental Research, 1 Homi Bhabha Road, Colaba, Mumbai 400005; Res. 301, Satyendra, TIFR Hsg.Colony, Colaba, Mumbai 400005; Tel. (022) 22804545 Ext. 2488(O), 22803488(R), 09987051556(M); Email: hosur53 @gmail.com; hosur@tifr.res.in; Sp. Physical Chemistry/NMR/Structural Biology.

Council: Mem. 2009-2010, 2013-14

2015 HOTI, Sugeerappa Laxmanappa (b. 1956) PhD, FISP, FNSI, ICMR-Emeritus Scientist, ICMR-Vector Control Research Centre, Puducherry-605006; Former Director-in-Charge & Scientist G, ICMR-National Institute of Traditional Medicine, Belagavi; Res. Plot No.27, Vivekanandar st., Dr Radhakrishnan Nagar, Puducherry - 605009; Tel. (0413) 2272071(O), 08105536970(M); Email: slhoti@yahoo.com; Sp.Vector Borne Diseases/Immunology/Biotechnology.

Council: Mem. 2017-18

HUSAIN, Akhtar (b. 1928) PhD,FNA, FNAAS, Emeritus Scientist & Formerly Director, Central Institute of Medicinal & Aromatic Plants, P. Bag No. 1, R.S.M. Nagar, Lucknow - 226 016; Res. 50, Adil Nagar, Kalyanpur, Lucknow - 226022; Tel. (0522) 2752479(R); Sp. Plant Pathology.

2005 IQBAL, Muhammad (b. 1952) PhD, FLS, FNESA, FAEB, FBS, FNIE, FISPM, FISEB, Former Professor, Dean & Vice Chancellor, Jamia Hamdard, New Delhi; Res. Flat #101, New Horizon Apartment, RZ 2677A, Gali 28, Tughlaqabad Ext., New Delhi - 110019; Tel. 09873137770(M); Email: iqbalg5@yahoo. co.in, muhammadiqbalg5@gmail.com; Sp. Developmental and Environmental Botany/Medicinal Plants.

1987 IYENGAR, Echiambady Rajagopala Rangaswamy (b. 1935) PhD, Formerly Professor Emeritus (CSIR), Department of Crop. Physiology, University of Agriculture Sciences, GKVK, Bangalore; Formerly Scientist (Director Grade), CSMCRI, Bhavnagar; Res. 1515/40, 39th 'F' Cross, 4th T Block, Jayanagar, Bangalore - 560041; Tel. (080) 26635330(R); Email: rromgaswamy1515@rediffmail.com; Sp. Physiology/Stress Physiology/Molecular Biology.

1995 IYENGÁR, Rangachar Narayana (b.1943) PhD, FASc. FNAE, FGSI, Distinguished Professor & Director, Centre for Ancient History & Culture; Jain University, CMS Complex 25th Main, JP Nagar, 6th Phase, Bengaluru – 560078; Tel. (080) 43430400(O), 26711119(R), 09880030082 (M); Fax: 27577199; Email: rn.iyengar@jainuniversity.ac.in; aareni@yahoo.com; Sp. History of Science/Disaster Mitigation/ Structural Dynamics/Random Vibration/ Engineering Seismology.

2013 IYER, Jaya Naganathan (b. 1970) PhD,FASc, Professor (G), Institue of Mathematical Sciences, CIT Campus, Taramani, Chennai - 600113; Res. A9, Shakti Tripura Sundari Apts., East Mada Str, Tiruvanmiyur, Chennai - 600041; Tel. (044) 22543306(O); Fax: 22541856; Email: jniyer@imsc.res.in; Sp. Algebraic Geometry.

1981 **IYER, S.R. Sivaraja** PhD, Professor & Head, Chemistry Section, Chemical Technology Dept., University of Bombay, Matunga, Mumbai-400 019; Sp. **Chemical Technology.**

JACOB, Kallarackel Thomas (b. 1944) PhD(Lond.), DSc (Engg.) (Lond.), FNA, FASc, FNAE, FIIM, FACerS, Emeritus Professor, Department of Materials Engineering, Indian Institute of Science, Bangalore - 560012; Res. 210, Indira Nagar, Stage-I, 7th Cross, Bangalore - 560038; Tel. (080) 22932494(O), 35843074(R), 09845479865(M); Fax : 23600472; Email: katob@iisc.ac.in; Sp. Thermodynamics of Materials/Extraction, Synthesis and Purification of Materials/High Temperature Solid State Chemical Sensors/Fuel Cells and Electrolyzers/High Temperature Reactions.

JAFRI, Ahmad Khalil (b. 1941) PhD, Formerly Professor of 1988 Zoology, Aligarh Muslim University, Aligarh; Res. Raipura Lodge, Dodhpur, Civil Lines, Aligarh - 202001; Tel. (0571) 2700920/21-301(O), 2401061(R); Fax:2700528; Email: ahmadkjafri@yahoo.com; Sp. Fishery Science/ Fish Biochemistry/Aquaculture Nutrition.

JAGANNATHAN, N.R. (b. 1954) PhD,FASc,FAMS,FNA, FISMRM (USA), FISC, Distinguished Visiting Professor, Koita Centre for 2000 Digital Health (KCDH), IIT Bombay, Mumbai - 400076; Adjunct Professor, Dept. of Electrical Engineering, IIT Madras, Chennai and Visiting Professor, Dept. of Radiology, Sri Ramachandra Inst. of Higher Education & Research, Chennai - 600116. Res. A-49, Flat # S-2, SBI Colony Main, Hindu Colony, 12th Cross Street, Nanganallur, Chennai - 600061; Tel. 09968292772(M); jagan1954@hotmail.com; Sp. nrjgj@yahoo.co.in; Clinical and Pre-clinical Cancer Research using Molecular Imaging (MRI) & in-vivo NMR Spectroscopy/Functional MRI Studies/Metabolomics/ Biophysics.

Council: F.S. 2015-16

1980 JAIN, Amolak C. (b. 1929) PhD, Formerly Professor, Indian Institute of Technology, Kanpur; Technical Director, Flight Research and Technology Division, Science & Technology Corp., 101, Research Dr., Hampton, VA 23666, USA; Tel. 757-865-0567(O), 757-838-6377(R); Sp. Computational Fluid Mechanics/Heat Transfer/ Hypersonic Rarefield Flows.

JAIN, Ashok(b.1938) PhD, Formerly Director, NISTADS; Res. 527, 1997 Pocket B, Sarita Vihar, New Delhi - 110076; Tel. 09810189116(M); Email: ashokexnistads@gmail.com; Mathematical Modeling/Science & Society.

2023 JAIN, Deepali (b. 1975) MD, DNB, FIAC, FRCPath, Professor Department of Pathology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029; Res. 383, Second Floor, Gagan Vihar, Delhi - 110051; Tel. (011) 26549200(O), 40590091(R), 09868895112(M); Email : deepalijain76@gmail. com; Sp. Pathology/Cytopathology/Thoracic and Molecular Pathology.

JAIN, Dharam Vir Singh (b.1933) PhD,FNA, FASc, Formerly 1995 Professor of Physical Chemistry & Director, RSIC, Professor Emeritus and INSA Honorany Scientist, Department of Chemistry, Panjab University, Chandigarh -160014; Res.1529, Sector 49 B, Pushpac Complex, Chandigarh -160047; Tel. (0172) 2534415(O), 2632568, 5072127(R); Fax: 2545074; Email: dvsjain@yahoo.com; dvsjain@pu.ac.in; Sp. Physical

and Theoretical Chemistry.

JAIN, Hari Krishan (b. 1930) PhD(Wales), FNA, FASc, FNAAS, 1988 Formerly Dy. Director General, International Service for National Agricultural Research, The Hague, Netherlands, and Director, Indian Agricultural Research Institute, New Delhi; Former Chancellor, Central Agricultural University, Imphal; Res. 40, Surya Niketan, Vikas Marg Ext., Delhi -110092; Tel. (011) 22379560(O), 22373451(R); Fax: 22379560; Email: hkj2008@ gmail.com; Sp. Cytogenetics/Plant Breeding/Agricultural Research Policy.

Award: Dr. BP Pal Memorial Lecture Award-Nat.Acad.Sci.India (1993).

2015 JAIN, Mukesh (b. 1978) PhD, Professor, School of Computational & Integrative Sciences, Jawaharlal Nehru University, New Delhi - 110067; Res. Flat No. 2085, Sector C2, Vasant Kunj, New Delhi - 110070; Tel. (011) 26704686(O), 09871711699 (R); Email : mjain@jnu.ac.in; mjainanid@gmail.com; Sp. Plant (Epi)Genomics/Computational Biology/Genome Informatics /Biotechnology.

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1978 JAIN, Padam Chand (b. 1930) PhD,FNA, Formerly Professor & Head, Department of Mathematics, Indian Institute of Technology, Mumbai; Res. 3389, Sector D/3, Vasant Kunj, New Delhi-110070;Tel.(011) 46024055(R);Sp.Applied Mathematics /Numerical Analysis/Computational Fluid Dynamics/Computer oriented Algorithms for Nonlinear PDE.

JAIN, Rajendra Kumar (b. 1936) PhD, FIMA(UK), Professor of Mathematics, MPEC, Sharda Nagar, Kanpur; Formerly Professor of Mathematics, Indian Institute of Technology, Kanpur; Res. 85, Navsheel Dham, Kanpur-208017; Tel. (0512) 2571312(R); Email: rkj@iitk.ac.in; Sp. Stability of Fluid Flows/Hydromagnetics Existence/Uniqueness of Solutions of N.S. Equs.

2017 JAIN, Subodh Kumar (b. 1958) PhD, FZSI, FIAN, Former Senior Professor & Head, Department of Biotechnology & Zoology, Dr. HS Gour Central University, Sagar, MP; Res. 271/9, Manorama Colony, Sagar – 470001, MP; Tel. 07974671818, 09406519485(M); Email: subjain@gmail.com; Sp. Cell and Molecular Biology, Stress Physiology.

JAIN, Sudhanshu Kumar (b. 1926) PhD,FNA, FBS, FITE, FAPT, FES, INSA Honorary Scientist, Founder and Formerly Director, Inst. of Ethnobiology; Formerly Director, Botanical Survey of India; Res. A-26, Mall Avenue Colony, Avas Vikas Colony, Lucknow-226001; Tel. (0522) 2235474(R), 09839028325(M); Email: skjainbotanist@rediffmail.com; Sp. Taxonomy/Ethnobotany/Medicinal Plants.

Award: U.P. Education Minister's Gold Medal of National Academy of Sciences, India (1966).

JAIN, Vikrant (b. 1974) PhD, Professor, Discipline of Earth Sciences, Indian Institute of Technology Gandhinagar, Palaj, Gandhinagar - 382055; Res. 29/101, Housing Blocks, IIT Gandhinagar, Palaj, Gandhinagar - 382055; Tel. (079) 23952455(O), 23951455(R), 08238006676(M); Email: vjain@itgn.ac.in; vikrantgeo@gmail.com; Sp. Geo-Sciences/Earth Surface Processes/River Science.

JAIN, Vimal Kumar (b.1956) PhD, Former Director, UM-DAE Centre for Excellence in Basic Sciences, Nalanda Building, University of Mumbai, Kalina Campus, Santa Cruz (E), Mumbai-400098; Res. #702, Building No. 1, Empire Estate, Plot No. 41-42, Sector 20, Kharghar, Navi Mumbai - 410210; Tel. (022) 31719947(R), 09757000357(M); Email: jainvk@cbs.ac.in; Sp. Inorganic & Organometallic Chemistry.

Council: Mem. 2022-23

JAIRAJPURI, Mohammad Shamim (b. 1942) PhD,DSc,FNA, FASc, FNAAS, FTWAS, INSA Hon. Scientist & Adjunct Professor, IARI, New Delhi; Former Professor, Dept. of Zoology, Aligarh Muslim University, Aligarh; Formerly VC, MANUU, Hyderabad & Director, ZSI; Res. 274-Aslam Manzil, Flat No. 104, 1st Floor, Block B, Jamia Nagar (Okhla), New Delhi – 110025; Tel. 09540981665(M); Email: msjairajpuri@ gmail.com; Sp. Nematology/Environment/Taxonomy/ Evolution.

JALALI, Bushan L. (b. 1943) PhD, FPSI, FNAAS, Formerly Director of Research, Haryana Agricultural University, Hisar; Res. #601, Neelkanth Apartments, Sector 21-C, Part - III, Faridabad - 121001; Tel. (0129) 2980329(R),09910609931(M); Email: bljalali@gmail.com; Sp. Plant Pathology/Microbiology/ IPM/Research Management.

1996 **JAMEEL, Shahid** (b. 1957) PhD(USA), FNA, FASc, Chief Executive Officer, The Wellcome Trust/DBT India Alliance, 526 DLF Tower A, Jasola, New Delhi - 110025; Res. 26, Zakir Bagh, New Delhi-110025; Tel. (011) 41008402/03(O), 26840631(R); Email: shahid.jameel@indiaalliance.org; Sp. **Molecular Virology.**

2008 JANA, Nihar Ranjan (b.1965) PhD, Professor, School of Bio Science, Indian Institute of Technology Kharagpur, Kharagpur; Tel. (03222) 260802(O); Email : nihar@iitkgp.ac.in; Sp. Neurosciences/Neurodegenerative Disorders/ Mental Illness.

JANA, Tushar (b. 1975) PhD, Professor of Chemistry, School of Chemistry, University of Hyderabad, Hyderabad - 500046; Res. Flat No.309, Sri Maruthi Nivas, Sudarshan Nagar, Lingamally, Hyderabad - 500019; Tel. (040) 23134808(O), 09440127016 (M); Email: tusharjana@uohyd.ac.in; tjscuoh@gmail.com; Sp. Physical Chemistry/Applied Chemistry/Polymer Chemistry.

2017 JATKAR, Dileep Prabhakar (b. 1965) PhD, Senior Professor, Harish Chandra Research Institute, Chhatnag Road, Jhusi, Prayagraj - 211019; Tel. (0532) 2274322(O), 2274022(R), 07379743711(M); Email : dileep@hri.res.in; Sp. String Theory/Gange Theories.

JAUHARI, Mohan (b. 1938) PhD, FAFSc, FFSc, Formerly DG, National Test House, Govt. of India, Kolkata-700027; Director, Central Forensic Science Laboratory, Govt. of India, Kolkata-700014; Res. 242, Flat No. 1, 1st Floor, Cres Park, 4th Main, 2nd Stage, Domlur, Bengaluru – 560071; Tel. 07499152486(M); Email: mohan.jauhari@gmail.com; Sp. Forensic Ballistics/High Speed Photography/Quality Testing and Evaluation of Materials and Products.

2017 JAYANANDA, Mudlappa (b. 1959) PhD,FASc, FNA, Senior Professor, JC Bose National Fellow, Centre for Earth, Ocean & Atmospheric Sciences, University of Hyderabad, Gachibowli, Hyderabad - 500046; Res. Flat # G3, Satyam Block, Fortune Kumkum Heights, Majid Banda, Hyderabad - 500084; Tel. 08618421127(M); Fax: (040) 23010152; Email: mjayan.geol@gmail.com; jayanandam@uohyd.ac.in; Sp. Geochemistry/Radiogenic Isotopes/Early Earth Dynamics/Origin of Protocontinents.

JAYARAM, Vikram (b. 1956) PhD(Stanford), FNA, FASc, FNAE, Professor, Department of Materials Engineering, Indian Institute of Science, Bangalore - 560012; Res. M 204, Brigade Gateway, 26/1 Rajkumar Road, Malleswaram West, Bangalore-560055; Tel.(080) 22933243, 22932263(O), 23375110(R); Fax: 23601198, 23600472; Email : qjayaram@iisc.ac.in; Sp. Materials Science/Ceramics.

2002 JAYARAMAN, Girija (b.1947) PhD, Former Professor, Centre for Atmospheric Sciences, IIT, Delhi; Res. I-36, Shriram Sadhana Apartments, M.S. Ramaiah Road, Gokula, Bangalore - 560054; Tel. 09902294371, 09818276785(M); Email: girija.jayaraman@ gmail.com; Sp. Fluid Mechanics/Biological Oceanography/

Physiological Fluid Dynamics.

JAYASANKAR, CHALICHEEMALAPALLI KULALA (b. 1956) PhD, UGC-BSR Faculty Fellow, Department of Physics, Sri Venkateswara University, Tirupati - 517502, AP; Res. 3-1-48, Illrd Cross East, Vidyanagar Colony, Tirupati - 517502, AP; Tel. 09491777818, 09885028739(M); Email : ckjaya@yahoo.com; Sp. Solid State Spectroscopy/Photonics/Optical and Laser Materials.

JEMMIS, Eluvathingal Devassy (b. 1951) PhD(Princeton), FNA, FASc, FTWAS, Hon. Professor, Year of Science Chair Professor, SERB, Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore – 560012; Res. 324, Embassy Heritage, 8th Main Road, Malleshwaram, Bangalore – 560055; Tel. (080) 22933347(O), 22933348(Lab), 23670324(R), 09483598097(M); Fax: 23601552; Email: jemmis@iisc.ac.in; jemmis@gmail.com; Sp. Computational Chemistry/Quantum Chemistry.

JHA, Bhavanath (b.1958) PhD, FNA, FNAAS, Professor, Formerly 2009 Chief Scientist, Head & Coordinator, Marine Biotechnology and Ecology Division, CSIR-Central Salt & Marine Chemicals Research Institute, Bhavnagar-364002; Res. Flat No. 401, RGS Green Apartment, Opposite Gate No. 32A, Rajapur, Patna-Tel. 09427232120, 07016234913(M); jha.bhavanath@gmail.com; Sp. Plant Molecular Biology & Genomics/Gene Mining Biotechnology/Stress Translational Research/ Marine Biotechnology/Biodiversity Mapping & Bioprospection. 2023

JHA, Gopaljee (b. 1980) PhD, Scientist V, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Res. Type IV(S)-002, NIPGR, Aruna Asaf Ali Marg, New Delhi - 110067; Tel. (011) 26735177(O), 26735234(R), 09971371583 (M); Fax : 26741658; Email : jmsgopal@nipgr.ac.in; jmsgopal@gmail.com; Sp. Plant Protection/Molecular

Microbiology/Plant Sciences.

JHA, Sudhanshu Shekhar (b. 1940) PhD,FNA, FASc, F-Amer.Phys.Soc., FTWAS, Formerly Director, TIFR, Mumbai & Distinguished Guest Professor, Indian Institute of Technology, Bombay; Res. 402, Vigyanshila, Juhu-Versova, Link Road, Seven Bunglows, Andheri (W), Mumbai - 400061; Tel. (022) 26327413(R), 09892498234(M); Email: ss_jhain@hotmail.com; Sp. Solid State Theory/ Opto Electronics/Raman Spectroscopy.

2008 JHA, Sumita (b.1954) PhD, NASI Senior Scientist, Former Professor, Centre of Advanced Study, Department of Botany, University of Calcutta, 35, B.C. Road, Kolkata - 700019; Res. Flat B2; 372, Jodhpur Park, Kolkata - 700068; Tel. 09830510733(M); Email: sumitajha.cu@gmail.com; Sp. Plant Genetics /Medicinal Plant Biotechnology.

- JHALA, Yadevendradev Vikramsinh (b. 1962) PhD,FNA Forder Dean and Sr. Professor, Wildlife Institute of India; Chandrabani, Dehradun - 248001; Res. Chandrabhuvan, Darbargadh, Wadhwan City - 363030,Gujarat; Tel. 09897027262(M); Email: yvjhala@gmail.com; Sp. Ecology/Conservation Biology/ Conservation Genetics.
- JHUNJHUNWALA, Ashok (b. 1953) PhD, FNA, FASc, FNAE, FIEEE, Institute Professor, Dept. of Electrical Engineering, Indian Institute of Technology Madras, Chennai 600036; Office: IIT Madras Research Park, Kanagam Road, Taramani, Chennai 600113; Res. C2-02-05, III Loop Road, IIT Madras, Chennai 600036; Tel. (044) 22570120, 66469867(O), 22576408(R); Fax: 22570120; Email: ashok@tenet.res.in; office@tenet.res.in; Sp. Tele-communications/Computer Networks/ Fiber Optics/ Renewable Energy and Electric Vehicles.
 - Award: Dr. P. Sheel Memorial Lecture Award Nat.Acad.Sci.India (2001).
- 2010 JOG, Chanda J. (b. 1954) PhD, FNA, FASc, FTWAS, Professor, Department of Physics, Indian Institute of Science, Bangalore 560012; Res. Apt. 1B, Vastra Bhavan, No. 64, 4th Main Off 18th Cross, Malleswaram, Bangalore 560055; Tel. (080) 22933285(O), 23342340(R), 08023607703(M); Fax: 23602602; Email: cjjog@physics.iisc. ernet.in; Sp. Astrophysics.
- JOGLEKAR, Satish Dinkar (b. 1949) PhD, FMASc, Professor, Department of Physics, I.I.T. Kanpur, Kanpur 208 016; Res. House No. 617, IIT Kanpur, Kanpur 208016; Tel. (0512) 2597014(O), 2598314(R); Fax: 2590914, 2590260; Email: sdj@iitk.ac.in; Website: www.iitk.ac.in/phy/faculty/sdj/sdj.html; Sp. High Energy Physics Theory.
- JOHN, Thekkekara Jacob (b. 1935) MBBS, PhD, DSc, FRCP (Edin.), FRCP (Lond.), FAMS, FIAP, FNA, FASc, Formerly Emeritus Medical Scientist (ICMR); Director, ICMR-CARV & National HIV/AIDS Reference Centre; Res. Thekkekara, 439, Civil Supplies Gowdon Lane, Vellore 632002; Tel. (0416) 2267364(R), 07845338188(M); Email: tjacobjohn@yahoo.co.in; Sp. Infectious Diseases.
- JOHRI, Bhavdish Narain (b.1945) PhD(Alberta), FNAAS, Formerly, Head & Dean, CBSH, GBPUAT; Emeritus Scientist (CSIR), Acharya PC Ray Fellow (MPCOST); NASI Senior Scientist, Res. LV-32, Indus Gardens, Phase 1, E-8, Gulmohar Extension, Bhopal 462039; Tel. (0755) 2427239(R), 06265511176(M); Email: bhavdishnjohri@rediffmail.com; Sp. Microbial Diversity and Ecology.

2018 JOLLY, Pratibha (b. 1954), PhD, Former Principal, Miranda House, University of Delhi, Delhi; Res. E-284, Greater Kailash-1, New Delhi - 110048; Tel. 09811600386(M); Email : pratibha.jolly@ gmail.com; Sp. Chemical Physics/Physics Education Research/Science Education Outreach/ICT in Education, Women in STEMM.

- JOSEPH, George (b. 1938) PhD, FASc, FNAE, FIGU, Formerly Director, SAC (ISRO), Ahmedabad and CSSTEAP affiliated to United Nations, Dehradun; Res. D1/12, Sterling City, Bopal, Ahmedabad 380058; Tel. 09978288287(M); Email: georgejoseph1938@hotmail.com; Sp. Remote Sensing/Space Instrumentation.
 - Awards: SICO sponsored National Academy of Sciences, India Award for Instrumentation (1986).

Council: Mem. 2015-16

- JOSHI, Amitabh (b.1965) PhD, FNA, FASc, Professor & Chair, Evolutionary & Integrative Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur PO, Bangalore-560064; Res. B-308, Mithuna White Water Apartments, Jakkur, Bengaluru 560064; Tel. (080) 22082802 (O), 22082803(Lab), 23693588(R), 09341354233(M); Fax: 22330567; Email: ajoshi@jncasr.ac.in; Sp. Evolutionary Genetics/Population Ecology.
- 2006 JOSHI, Anil Prakash (b. 1955) PhD, Founder, Himalayan Environmental Studies and Conservation Organisation (HESCO), Village: Ghisarpadi, P.O. Mehuwala Via Majra, Dehradun 248001; Res. 1/20, Ashirwad Enclave, Dehradun 248001; Tel. (0135) 2642391, 2642736(O); Fax: 2642736; Email: dranilpjoshi@gmail.com; Sp. Environmental Conservation/Small Micropower Energy/Value addrtion in Horti-Agriculture.
- 2015 **JOSHI, Arun Kumar** (b. 1958) PhD, FNA, FNAAS, Managing Director, Borlaug Institute for South Asia (BISA) & CIMMYT Asia Representative; Former Professor, Department of Genetics and Plant Breeding, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi 221005; Res. Flat 633, Racecourse Valley, Racecourse, Dehradun 248001; Tel. 09415221526(M); Email : joshi_vns@yahoo.com; a.k.joshi@cgiar.org; Sp. **Agricultural Sciences.**
- 2018 JOSHI, Jyeshtharaj Bhalchandra (b. 1949), PhD, FNA, FASc, FNAE, FTWAS, Emeritus Professor, Department of Chemical Engineering, Institute of Chemical Technology, Matunga, Mumbai; Res. 401, Shubh Ashirwad Society, Fifth Lane, Hindu Colony, Dadar (E), Mumbai 400014; Tel. (022) 24115448(R), 09820845915(M); Email : jbjoshi@gmail.com; Sp.Chemical Engineering/Fluid Mechanics/Reactor Design/ Absorption of NOx Gases/Solar Energy/Atomic Energy and Bio Energy.
- 2006 JOSHI, Pankaj Shantilal (b. 1953) PhD, FNA, Senior Professor, Department of Astronomy and Astrophysics, Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai 400005; Res. 301, Bhaskara, TIFR Housing Colony, Homi Bhabha Road, Colaba, Mumbai 400005; Tel. (022) 22782486(O), 22804923(R); Fax: 22804610, 11; Email: psj@tifr.res.in; Sp. Theoretical Astrophysics/Cosmology/Gravitation.

JOSHI, Preeti Gangola (b. 1952) PhD, Former Professor & Head, Department of Biophysics, National Institute of Mental Health and Neurosciences, Bangalore; Res. M-602, Purva Panorama, Kalena Agarhara, Bannerghatta Road, Bangalore - 560076; Tel. (080) 42075051(R), 09449064861(M); Email: joshipree@gmail. com; Sp. Neuroscience/Cellular Signaling/ Neuro degeneration.

JOSHI, Suhas S. (b. 1968) PhD, FNAE, Director, Indian Institute of Technology Indore, Khandwa Road, Simrol, Indore – 453552; Res. Director Bungalow, IIT Indore Campus, Simrol, Indore – 452020; Tel. (0731) 6603 111, 112(O), 09920177527(M); Email: ssjoshi@iitb.ac.in; ssjoshi@iiti.ac.in; Sp. Precision Manufacturing/Micro-Machining/Laser-based Surface Texturing.

2017 JOSHI, Yogesh Moreshwar (b. 1974) PhD,FNAE, Professor & CV Seshadri Chair, Chemical Engineering Dept., Indian Institute of Technology Kanpur, Kanpur - 208016; Res. A-503, Faculty Apartments, Indian Institute of Technology Kanpur, Kanpur - 208016; Tel. 09793076767(M); Email : joshi@iitk.ac.in; Sp. Rheology/Soft Matter.

2004 **JOSHIPURA, Anjan Sidhvantlal** (b. 1950) PhD, FNA, FASc, Honorary Scientist, Theoretical Physics Group, Physical Research Laboratory, Navrangpura, Ahmedabad - 380009; Res. N104, Indraprastha-6, Prahaladnagar, Ahmedabad-380051; Tel. (079) 26314453(O), 30471752(R); Fax: 2631-4460; Email: anjan@prl.res.in; Sp. **High Energy Physics.**

JUWARKAR, Asha Ashok (b. 1955) PhD, FAEB, FAMI, Scientist G & Head, Ecosystem Division & National Coordinator of Stockholm Convention Regional Centre on Pops for Asia Region; National Environmental Engineering Research Institute, Nehru Marg, Nagpur - 440020; Res. 189, Survey Nagar, Jaitala Road, Nagpur - 440022; Tel. (0712) 2249764(O), 2230900(R), 09765251513(M); Fax : 2249764; Email: aajuwarkar@rediffmail.com; Sp. Remediation of Contaminated Ecosystems/ Wastewater Reuse & Recycle/Environmental Biotechnology/ Persistant Organic Pollutants.

1996 KADALBAJOO, Mohan Krishen (b. 1949) PhD, FWIF, FIMMS, Distinguished Professor, Department of Mathematics, Dean, Faculty Affairs, The LNM Institute of Information Technology, Rupa Ki Nangal, Post - Sumel, Via - Jamdoli, Jaipur – 302031; Tel. 09450346470(M) Email: kadal@iitk.ac.in; mkkadalbajoo@Inmiit.ac.in; Sp. Numerical Analysis/Computational Finance/Option Pricing.

2002 KAKODKAR, Anil (b.1943) DSc(hc), FNAE, FASc, FIE, Past President, NASI & INAE; Chairman, Rajiv Gandhi Science and Technology Commission, Chancellor, Homi Bhabha National Institute, Member AEC, Formerly Chairman, AEC & Secretary, DAE, Gol; BARC, Trombay, Mumbai- 400085; Res. Flat No. 1104, Building No. 5, Accolade Cooperative Housing Society, Hajuri Dargah Road, Behind LIC, Thane West, Mumbai - 400604; Tel. (022) 69293325, 25505210(O), 25828899(R); 09920099588(M); Fax: 25505110; Email: kakodkar@barc.gov. in; kakodkaranil@gmail. com; Sp. Nuclear Reactor Engineering/Structural Engineering/Nuclear Safety.

Council: Pres. 2017-18 P.Pres. 2019-20

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

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1978 KALRA, Veena (b.1946) M.B.B.S., M.D. (Pediatrics), Additional Professor, Department of Pediatrics, All India Institute of Medical Sciences, New Delhi-110 029; Res. D-II/1 Ansari Nagar, New Delhi- 110 029; Tel. (011) 661123/209(O), 6865470(R); Sp. Pediatrics (Pediatric Neurology and Liver Diseases of Children).

1999 KAMAL, Ahmed (b. 1956) PhD, FAPSc, FRSC, Senior Professor Emeritus, Department of Pharmacy, Birla Institute of Technology & Science, Pilani Hyderabad Campus, Hyderabad 500078; Formerly Pro Vice Chancellor, Jamia Hamdard, New Delhi and Outstanding Scientist, CSIR-IICT, Hyderabad; Res. H.No. 8-2-619, Road No. 11, Banjara Hills, Hyderabad -500034; Tel. (040) 66303787(O), 23319370(R), 09440802784 (M), Email: ahmedkamal@hyderabad.bits-pilani.ac.in; ahmed kamal@iict.res.in; ahmedkamal915@gmail.com; Sp. Medicinal Chemistry/Bioorganic Chemistry/Organic Chemistry.

KAMBOJ, Kamal Kumar (b.1955) PhD, Assistant Director, Division 1997 of Parasitology, Central Drug Research Institute, Lucknow-226 001; Presently at - 4665 Golden Ridge Trial, Andover Woods, Portage, MI 49024, USA; Tel. (0522) 212411-18(4418)(O);

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2009 KANDPAL, Hem Chandra (b. 1954) PhD, Vice President (R&D), FIEM Industries, Rai Industrial Area, Sonepat - 131029; Res. 700 Double Storey, New Rajinder Nagar, New Delhi- 110060; Tel. (011) 45608315(O),28741068(R); Fax: 45609310; Email: hckandpal54@gmail.com; kandpal@fiemindustries.com; Sp. Standards/Optics/Quantum Optics.

2003 KANDASWAMY, Palanigounder (b. 1948) PhD, Professor, Department of Mathematics, Bharathiar University, Coimbatore-641046; Res. 18, Avani_Veedhi, Sivasakthi Colony, Vadavalli, Coimbatore - 641046; Tel. (0422) 2426764(O), 2426069(R), 09443126183(M); Fax: 2422387; Email: pgkswamy@yahoo.co. in; Sp. Atmospheric Waves/Convection/ Lubrication Theory.

2023 KANEKAR, Nissim (b. 1973) PhD, FASc, Professor, National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune University Campus, Pune - 411007; Res. E6, NCRA Housing Colony, Pune University Campus, Pune -(020) 25719346(R), 411007; 25719246(O), Tel. 25692149; Email : nkanekar@ 09975077018(M); Fax : ncra.tifr.res.in; Sp. Galaxy Evolution/Fundamental Constant Evolution/Radio Astronomy.

2013 KANG, Gagandeep (b. 1962) MBBS, MD, PhD, FRCPath, FAAM, FNA, FASc, FFPH, FRS, Former Adjunct Professor, Christian Medical College, Vellore; Res. 160/1, Kattupadi Extension, Adukamparai, Vellore - 632011; Tel. 09894070266(M); Email: gkang@cmcvellore.ac.in; Sp. Vaccines/Public Health/ Microbiology.

2016 KANJILAL, Dinakar (b. 1955) PhD, FNA, Former Director & DAE Raja Ramanna Fellow, Inter University Accelerator Center, Aruna Asaf Ali Marg, New Delhi - 110067; Tel.(011) 40040186(R), 09868716629(M); 24126018(O), Email: dkiuac@gmail.com; dk@iuac.res.in; Sp. Condensed Matter Physics & Materials Sciences/Accelerator Physics & Technology.

KANNAN, Shanmugaperumal (b. 1963) PhD, Outstanding Scientist, Head, Fuel Chemistry Division, Bhabha Atomic 2020 Research Centre, Mumbai - 400085; Res. 43, Shantiniketan, Anusakti Nagar, Mumbai - 400094; Tel. (022) 25593933(O), 25565634(R), 09757307749(M); Fax: 25505151; Email skannan2508@gmail.com; skannan@barc.gov.in; Inorganic Chemistry.

2013 KANNAN, Varadachariar (b. 1946) PhD, FNA, FASc, Professor, Department of Mathematics, SRM University AP; Res. 195, Doyens Township, Lingampalli, Hyderabad - 500019; Tel. 09949193737(M); Email : vksm@uohyd.ernet.in; kannan.v@srmap.edu.in; Sp. **Topology/Analysis.**

KANT, Krishna (b. 1929) D.Phil., D.Sc., FRIC (London), Formerly 1968 Professor & Head, Chemistry Department, University of Jodhpur; Res. 70, Abhaygarh Scheme, Jodhpur - 342 011; Tel. (0291) 33956(R); Sp. Physical/Surface Chemistry. KANT, Tarun (b. 1946) PhD, FNA, FASc, FNAE, Professor

2011 Emeritus, Department of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai-400076; Res. 201, Shree Ram Niwas, IIT Bombay Market, Powai, Mumbai - 400076; Tel. (022) 25767301(O), 09969164646(M); Email: tkant@civil.iitb. ac.in; tkant1946@gmail.com; Sp. Solid and Structural Mechanics.

KANUNGO, Suman (b. 1967) MBBS, PhD, FAScT, FWAST, FIPHA, 2023 Scientist F, ICMR-National Institute of Cholera & Enteric Diseases, P-33, CIT Road, Scheme-XM, Beliaghata, Kolkata -700010; Res. FI-3C, Greenhut Cooperative Housing Society, H-12. Baishnabghata Patuli Township, Kolkata - 700094; Tel. (033) 23633373(O), 24361112(R), 0909903824322(M); Fax: 23632398; Email sumankanungo@gmail.com; Epidemiology/Public Health/Enteric Diseases.

1974 KAPOOR, Anoop Saran (b. 1933) D.Phil., Professor of Zoology, Rajasthan University, Jaipur-302 004; Res. R-9, University Campus, Jaipur-302 004; Tel. (0141) 2395019(R); Sp. Fish

Biology/Endocrinology.

KAPOOR, Meenu (b. 1968) PhD, Professor, University School of 2016 Biotechnology, GGS Indraprastha University, Sector 16C, Dwarka, New Delhi - 110078; Res. House #1015, Sector 40, Gurgaon, Haryana; Tel. (011) 25302310, 25302303(O), (0124) 4370912(R), 09811590225(M); Email: meenukapoor@me.com; kapoorsk@genomeindia.org; Sp. Developmental Biology/ Functional Genomics/Plant Epigenetics.

2007 KAPOOR, Rakesh, (b. 1956) M.B.B.S., MS, MCh, FAMS, Former Director, Sanjay Gandhi PG Institute of Medical Sciences, Raebareli Road, Lucknow; Res. House No.Type VB/14, SGPGI Campus, Raibareli Road, Lucknow - 226014; Tel. (0522) 2668062(R), 09415410130, 8004904798(M); Email: rkapoor@sgpgi.ac.in; Sp. Medical Science.

1982 KAPOOR, Ramesh Narain (b. 1934) PhD(Lko), PhD (Lond), DSc(Lond), CChem, FRSC, Professor, Chemistry Department, University of Delhi, Delhi-110 007; Res. 378, Hauz Khas Apartments, Sri Aurobindo Marg, Hauz Khas, New Delhi-110 016; Tel. (011) 27257725 Ext. 485(0),26858188(R); Sp. Organometallic Chemistry/Coordination Chemistry.

2013 KAPOOR, Sanjay (b. 1964) PhD, Professor, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi - 110021; Res. 1015, Sector 40, Gurgaon - 122003, Haryana; Tel. 09811644436(M); Fax: 24119430; Email: kapoors@south.du.ac.in; Sp. Plant Reproduction/Seed Development/Functional Genomics.

1994 KAPOOR, Shyam Sunder (b. 1938) PhD, FNA, FASc, Formerly DAE-Homi Bhabha Chair Professor, Mumbai; Formerly Director, Physics & Electronics & Instrumentation Groups, BARC, Mumbai; Res. A-3, Banganga CHS, Govandi Station Road, Deonar, Mumbai- 400088; Tel. (022) 25504301(R); Email: kapoorss2002@yahoo.co.in; Sp. Nuclear Physics/Nuclear Particle Detectors/ Particle Accelerators & Applications.

2023 KAPUGANTI, Jagadis Gupta (b. 1980) PhD,FNAAS, Scientist V, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067; Res. H-IV-103, National Institute of Plant Genome Research Residences, Aruna Asaf Ali Marg, New Delhi - 110067; Tel. (011) 26735111(O), 26735112(R), 09899526383(M); Email : jgk@nipgr.ac.in; jagadishgupta@gmail.com; Sp. Nitric Oxide Signaling/Mitochondrial Metabolism/Plant Response to Flooding.

2023 KAPUR, Manmohan (b. 1975) PhD, Professor, #330, Academic Building 2, Department of Chemistry, Indian Institute of Science Education & Research Bhopal, Bhopal Bypass Road, Bhauri, Bhopal - 462066; Res. B-15, Sagar Silver Springs, Opposite SIRT, Ayodhya Bypass Road, Bhopal - 462041; Tel. (0755) 2691331(O), 4944837(R), 09575138447(M); Fax: 2692392; Email: mk@iiserb.ac.in; Sp. Organic Synthesis/Transition Metal Catalysis/Total Synthesis of Natural Products.

2015 KAPURIA, Santosh (b. 1968) PhD, FNA, FNAE, FASc, RC Malhotra Chair Professor & JC Bose National Fellow, Department of Applied Mechanics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016; Tel. (011) 26591218(O), 26591828, 26581563(R); 09654728776(M); Email : kapuria@am.iitd.ac.in; Sp. Structural Mechanics/Multifunctional Structures/ Structural Health Monitoring.

1990 KARMESHU (b. 1949) PhD, Professor, School of Computer & System Sciences, JN University, New Delhi - 110 067; Res. A-150, Deepali, Road No. 42, Pitampura, Delhi - 110 034; Tel. (011) 667676 Ext. 396(O), 7273793(R); Sp. Mathematical Modeling.

1996 KARTHA, Chandrasekharan Cheranellore (b. 1951) MD, FRCP (London), FAMS,FASc,FIACS,FICPath, Res. Flat No. 10C, Dolphin, SFS Aqua Greens, East Desom, Aluva, Ernakulam District - 683102; Tel. 09947264108(M); Email : cckartha@gmail.com, cckartha@yahoo.com; Sp. Pathology/Cardiovascular Pathology/Cardiovascular Biology.

2023 KARTHIKEYAN, Ganesan (b. 1970) MD,DM,FAMS, Professor, Department of Cardiology, All Indian Institute of Medical Sciences, New Delhi - 110029; Res. 404, Asiad Village, New Delhi - 110049; Tel. (011) 26593322(O), 09871074832(M); Email: karthik2010@gmail.com; Sp. Medicine/Cardiology.

2018 KARUMURI, Ashok (b. 1966), PhD, Professor, Centre for Earth, Ocean and Atmospheric Sciences, Earth Science Building, UCESS Road, University of Hyderabad, Hyderabad - 500046; Res. 401#A, Nandana Residency, Golden Tulip Estate, Kondapur, Hyderabad - 500084; Tel. (040) 23132675(O), 09666136967(M); Email : ashokkarumuri@uohyd.ac.in; karumuriashok@gmail.com; Sp. Tropical Indo-Pacific and Monsoonal Variability/Earth System Modeling/Seamless Prediction and Applications.

2007 KASHYAP, Bhagwati Prasad (b. 1948) PhD,FINAE, Department of Materials Engineering, Indian Institute of Technology Jodhpur, NH65 Nagaur Road, Karwad – 342037; Res. 3123, Park Avenue, 3rd Street, Indian Institute of Technology, Jodhpur, NH65 Nagaur Road, Karwad - 342037; Tel. 08369700427(M); Email : bpk@iitj.ac.in; Sp. Superplasiticity/ Thermo - Mechanical Treatment/Grain Boundary Phenomena.

2002 KASHYAP, Vijendra Kumar (b.1952) PhD, FAMS, FIC, Former Director cum Chief Forensic Scientist, Directorate of Forensic Science Services MHA, GOI, New Delhi; Former Director, National Institute of Biologicals (GOI, MoHFW), A-32, I, Sector-62, Noida; Res. A-123, Gaur Green Avenue, Abhay Khand II, Indrapuram, Ghaziabad - 201014; Tel. (0120) 4119596(R), 09654566066(M); Email: vkk2k@hotmail.com, Sp. Forensic Medicine & Science/Biologics & Regulatory Affairs/Molecular Biology/ Population Genetics/L Science, Technology & Law.

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Council: Pres. 2013-14 P.Pres. 2015-16

2010 KATOCH, Kiran (b. 1951) M.D., FAMS, Former Dr. AS Paintal Distinguished Scientist Chair of ICMR at IIHMR University, Jaipur; Former Director, National Jalma Institute for Leprosy & Other Mycobacterial Diseases (ICMR); Res. B-16, Govind Marg, Raja Park, Jaipur - 302004; Tel. 09219610499(M); Email: katochkiran1@gmail.com; Sp. Medicine.

2004 KATOCH, Vishwa Mohan (b. 1953) MD, FAMS, FNA, FASc, FIASc, Former NASI-ICMR Chair on Public Health Research, Rajasthan University of Health Sciences, Jaipur; Res. B-16, Govind Marg, Opposite Baraf Khana, Raja Park, Jaipur - 302004; Tel. (0141) 2795524(O), 2612992(R), 09910053701 (M); Fax: 2795550; Email: vishwamohankatoch18 @gmail.com; nasiicmrruhs2016@gmail.com; Sp. Medical Microbiology/Mycobacteriology.

Council: Mem. 2006, 2014-15

2001 KAUL, Chaman Lal (b. 1936) PhD, Formerly Director, NIPER, Mohali; Res. 432, Mahatma Sahkari Housing Society, Koth Road, Pune - 411038; Tel. (020) 25363447(R); Email: chaman lalpandit@yahoo.com; Sp. Pharmacology/Pharmaceutical Sciences/Diabetes.

1980 **KAUL, Dipika** (b. 1937) D.Phil., Formerly Professor, Zoology Department, Allahabad University, Prayagraj-211 002; Res. 7,Bank Road,Prayagraj-211 002; Tel. (0532) 2642204(R); Sp. **Molecular Biology/Cytogenetics.**

Council: F.S. 91-92 Mem. 93-95

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2018 KAUR, Rupinder (b. 1971), PhD, Staff Scientist VII, Centre for DNA Fingerprinting and Diagnostics, Inner Ring Road, Uppal, Hyderabad - 500039; Res. H.No.4-7-18/11/2 Raghvendra Nagar, Nacharam, Hyderabad - 500076; Tel. (040) 27216137(O), 40264614(R), 09704439996(M); Fax: 27216006; Email: rkaur@cdfd.org.in; Sp. Yeast Genetics & Molecular Biology/Host Pathogen Interaction.

2010 KAVI KISHOR, P.B. (b. 1951) PhD, FNAAS, CSIR-Emeritus Scientist, Department of Genetics, Osmania University, Hyderabad - 500007; Res. 103, Prashanti Nivas, H.No.2-2-23/22, Bagh Amberpet, D.D. Colony, Hyderabad - 500044; Tel. (040) 27682335(O), 27424582(R); Fax: 27095178; Email: pbkavi@yahoo.com; Sp. Plant Physiology.

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2003 KAYASTHA, Arvind Mohan (b. 1960) PhD, FNAAS, FNAMS, Senior Professor, School of Biotechnology, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. 42-53, Akhnoor Hut, Nandnagar Colony, ITI Road, P.O. BHU, Varanasi-221005; Tel. (0542) 2368331(O), 09451000575(M); Email: kayasthabhu@gmail.com; Sp. Enzymology & Enzyme Technology/Plant Biochemistry/Structure-Function Relationship in Proteins.

- 2007 KEMBHAVI, Ajit Keshav (b. 1950) PhD, FASc, Emeritus Professor, IUCAA, Post Bag 4, Ganeshkhind, Pune 411007; Res. 302 Nishigandh, Panchavati, Pashan, Pune 411008; Tel. (020) 25604231/100(O), 25604401(R), 09822979161(M); Fax : 25604698; Email: akk@iucaa.in; Sp.Extragalactic Astronomy/ Theoretical Astrophysics/Data Analysis.
- 2023 **KEMPARAJU, Kempaiah** (b. 1964) PhD, Professor of Biochemistry, Department of Studies in Biochemistry, University of Mysore, Mysuru 570006; Res. #17, 8th Main, D Block, 3rd Stage, Vijayanagar, Mysuru–570030, Karnataka; Tel. 09945996543 (M); Email : kemparaj@biochemistry.uni-mysore.ac.in; Sp. **Snake Venom Pharmacology.**
- KESAVAN, Parthasarathy Chenna (b. 1938) PhD, FNA, FNAAS, Distinguished Fellow, M.S. Swaminathan Research Foundation, Third Cross Street, Taramani, Chennai 600113; Res. N-19, Sengamalam, Maxworth Nagar, Kovilambakkam, Chennai 600117; Tel. (044) 65299023(D), 22542698, 22541698(O), 22460077, 22460254(R), 09444024013(M); Fax: 22541319; Email: pckesavan@mssrf.res.in; Website: www.mssrf.org; Sp. Genetics/Radiation Biology/Sustainability Science.
- 1997 **KESAVAN, Srinivasan** (b.1952) PhD, FASc, Docteur-es-sciences (Mathematiques; Paris), Former Professor, Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600113; Res. 33(Old No.19), Barnaby Road, Kilpauk, Chennai 600010; Tel. (044) 26412839(R), 09444082801 (M); Email: kesh@imsc.res.in; Sp. **Partial Differential Equations.**
- 1990 KESHAVA MURTY, R.N. (b. 1936) PhD, Formerly Director, Indian Institute of Tropical Meteorology, Pune; Res. 2440, 10th Main, D Block, Rajajinagar, II Stage, Bangalore 560 010; Tel. (080)3422634(R); Sp. Meteorology/Atmospheric Physics/Monsoon Studies/Climate Studies.
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- 1975 KHAJURIA, Hitopdeshak (b. 1923) D.Sc., Formerly Dy. Director & Emeritus Scientist, ZSI, Visiting Professor, Jiwaji University and Head and Asstt. Professor, Mammal Section, Baghbad University, C/o Zoological Survey of India, Hospital Road, Solan- 173212, H.P.; Res. Bishan Bhawan, Opp. Excise Office, Jawahar Park, Solan 173212, H.P.; Tel. (01792) 2413, 3773(O), 3873(R); Sp. Ecology/Taxonomy of Mammals/Wild Life Conservation/Zoo Management/Museology(Animals).

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Theory/Algebraic Number Theory.

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Physiology/Biochemistry.

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Neurotoxicology and Neuroprotection.

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Council: V.P. 2007-08 Mem. 2006

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Council: Mem. 81, 83-86

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- 2008 KHAREEDU, Venkateswara Rao (b.1958) PhD, FNA, INSA Senior Scientist, Centre for Plant Molecular Biology, Osmania University, Hyderabad 500007; Res. Villa No. 36, Aparna Elixir, Puppalgunda, Khajaguda, Hyderabad 500104; Tel. 08331041529, 09391320822(M); Email : rao_kv1@rediffmail. com; rao_kv@hotmail.com; Sp. Plant Molecular Biology/ Transgenics/Functional Genomics.
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- 2018 KHOSLA, Sanjeev (b. 1969), PhD, Director, CSIR-Institute of Microbial Technology, Sector 39 A, Chandigarh 160036; Tel. (0172) 2690698, 2690785(O), 09949952300(M); Fax: 2690585, 2690132; Email: sanjuk@imtech.res.in; director@imtech.res.in; Sp. Epigenetics/Host-Pathogen Interaction Biology/ Developmental Biology.
- 1990 KHULLAR, Surinder Pal (b. 1941) PhD, FIBS, FIFS, Professor Emeritus & Former Head & Chairman, Botany Department, Panjab University, Chandigarh; Res. 1633, Sector 7-C, Chandigarh-160019; Tel. (0172) 2794484(R), 09855551633(M); Email: sp.khullar@gmail.com; Sp. Pteridophytes & Angiosperm Taxonomy/Systematics/ Floristics/Cytology.

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Council: F.S. 2013-14 G.S. 2018-21

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Council : Mem. 2019-20

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- 2005 KOTHARI, Dwarkadas Pralhaddas (b. 1944) M.E., PhD, FNAE, FIEEE, FIE, Director General, Raisoni Group of Institutions, Nagpur 440001; Formerly Director, I/C, IIT Delhi; Formerly VC, VIT, Vellore; Tel. (0712) 6617181(O), 08308802218(M); Fax: 6630782; Email : dpk0710@yahoo.com; Sp. Power Systems/Energy Machines.
- 1997 KOTHARI, S.L. (b.1954) PhD, FNAAS, FISPM, Distinguished Professor of Biotechnology and Vice-President, Amity Science Technology and Innovation Foundation (ASTIF), Jaipur, Formerly Professor & Head of Botany, Dean, Faculty of Science and Director, CCT, University of Rajasthan, Jaipur; Res. 12 Kalyan Colony, Malviya Nagar, D-Block, Jaipur 302017; Tel. (0141) 2703439(O), 3569977(R); 09829179692(M); Email : slkothari@jpr.amity.edu; slkothari28@gmail.com; Sp. Plant Tissue Culture/Transgenics/Plant Biotechnology/Nanobiotechnology.
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- 1996 KRISHNASWAMY, Kamala (b. 1940) MD, FNA, FASc, FAMS, FTWAS, FNAAS, Formerly Emeritus Medical Scientist & Director, ICMR-National Institute of Nutrition, Jamai-Osmania, Hyderabad; Res. H.No. J-7, Prime Terrace, 150 LB Road, Tiruvanmiyur, Chennai 600041; Tel. 09866235238, 08610097683(M); Email: kamalakrishnaswamy@gmail.com; sri21kk@yahoo.com; Sp. Internal Medicine/Nutrition.
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- 2005 KSHIRSAGAR, Nilima Arun (b. 1949) MD,PhD, ICMR-Emeritus Scientist, ICMR-National Institute for Research in Reproductive and Child Health, JM Street, Parel, Mumbai 400012; Tel. (022)24137173(O), 24101205(R), 09821036616(M); Email: kshirsagarna@yahoo.in; nccpicmr@gmail.com; Sp. Clinical Pharmacology.

Council: Mem. 2010-2011

- 2016 KUHAD, Ramesh Chander (b. 1955) PhD, FBRSI, FNAAS, Professor, Dept. of Microbiology, University of Delhi South Campus, New Delhi 110021; Former Vice Chancellor, Central University of Haryana, Mahendergarh; Res. Provost's House, Aravali & Saramati PG Men's Hostel, University of Delhi South Campus, New Delhi 110021; Tel. 09871509870(M), Email: kuhad85@gmail.com; Sp. Secondary Agriculture Microbial Biotechnology (Bio-Conversion of Crop By-Products to Value Added Products)
- 2013 KULKARNI, Giridhar Udapi Rao (b. 1963) PhD, FASc, FNA, FNAE, President, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru 560064; Res. No.54, 'Tulasi', III Phase, 'Royal Enclave', Shrirampura Road, Jakkur, Bangalore 560064; Tel. (080) 22082814(O), 09448825386 (M); Email: kulkarni@jncasr.ac.in; gukulk@gmail.com; Sp. Physical Chemistry/Applied Chemistry/Applied Physics.
- 2002 KULKARNI, Ravindra Shripad (b.1942) PhD, Formerly Director and Distinguished Professor, HRI, Prayagraj; Res. Bhaskaracharya Pratishthan, 56/14, Erandavane, Damle Path, Off Law College Road, Pune 411004; Email: punekulk@gmail.com; Tel. (020) 25434547, 25410724, 09860792287(M); Sp. Differential Geometry/Riemann Surfaces/Discontinuous Groups.

Council : Mem. 2021-22

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Council: Mem. 97-98, 2008-09

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Council: V.P. 2007-08 Mem. 2005-06

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 Council: Mem. 2014-15
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- 2004 KUMAR, Bhaskaran Pillai Mohan (b. 1953) PhD, FNAAS, FNIE, FAS, Vice Chancellor, Arunachal University of Studies, Knowledge City, Namsai 792103, AP; Res. 48 Pushpavihar, Nadathara, Thrissur 680751; Tel. 09995815730, 08590930195 (M), Email: bmohankumarkau@gmail.com; bm.kumar@kau.in; Sp. Agro-forestry/Forest Ecology/Silviculture.
 - Council : Mem. 2021-22
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- 2016 **KUNDU, Anirban** (b. 1967) PhD, FASc, Professor, Department of Physics, University of Calcutta, 92 APC Road, Kolkata 700009; Res. 30, Dr. Amrita Lal Munshi Lane, Uttarpara 712258; Tel. 09830619645(R); Email: anirban.kundu.cu@ gmail.com; akphy@caluniv.ac.in; Sp. **Theoretical Particle Physics/High Energy Phenomenology.**
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- 2003 KUNDU, Gopal Chandra (b. 1959) PhD, FASc, FMASc, FRSC, FNA, JC Bose National Fellow; Director R&D, KIIT Deemed to be University, Bubaneswar 751024; Res. T-29, Nandanvan, Pimpli-Nilakh, Pune 411027; Tel. 09422506548, 08698578644 (M); Email: gopalc.kundu@kiit.ac.in; director.rnd@kiit.ac.in; gopalkundu@hotmail.com; Sp. Cancer Therapy/Drug Development/ Nanomedicine Research/Clinical Cancer Research.
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2001 LAKHINA, Gurbax Singh (b. 1943) PhD, FNA, Formerly NASI Senior Scientist, Emeritus Professor (CSIR), and INSA Honorary Scientist, Formerly Director, Indian Institute of Geomagnetism, Mumbai; Res. Neel Sidhi Towers, B-701, Plot No. 195, Sector 12, Vashi, Navi Mumbai - 400703; Tel. 09820422678(M); Email: gslakhina@gmail.com; Sp. Geomagnetism and Space Plasma Physics/Space Weather.

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Council : Mem. 2015-16

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Council: Mem. 83

2004 LAL, Sunil Kumar (b. 1961) PhD, Professor of Microbiology, Monash University (Sunway Campus), School of Science, Jalan Lagoon Selatan, 47500 Bandar Sunway, Selangor Darul Ehsan, Malaysia; Res. J-1072, Palam Vihar, Gurgaon - 122017; Tel. (+603) 55159606(O), (+60) 172516117(R); Fax: (+603) 55146184; Email: sunil.lal@monash.edu; Sp. Microbiology/ Molecular Genetics/ Biochemistry.

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Council: Mem. 97-99

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Council: Mem. 2016-17

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Developmental Biology/Muscle Biology.

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1986 MALHOTRA, Y.R. (b. 1933) PhD, Formerly Vice-Chancellor, University of Jammu, Jammu; Res. 6 D/C, Gandhinagar, Jammu; Tel. (0191) 535268(O), 30457(R); Sp. Fish Biology/

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Council: Mem. 2024-

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Council: Mem. 81, 83

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1987 MATHAI, A.M. (b. 1935) PhD, Emeritus Professor, Dept. of Mathematics & Statistics, McGill University, 805 Sherbrooke Street West, Montreal, Quebec, Canada, H3A 2 K6; Tel. 514-398-3826(O); Fax: 514-398-3899; Email: a.mathai@mcgill.ca; directorcms458@gmail.com; Sp. Mathematics/ Statistics.

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Council: Mem. 2008-09

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2004 MISHRA, Ashok Kumar (b. 1959) PhD, Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai - 600036; Res. C2-1-8, III Loop Road, IIT Madras, Chennai - 600036; Tel. (044) 22574207(O), 22576207(R); Fax:22574202; Email: mishra@iitm.ac.in; Sp. Fluorescence Spectroscopy/Physical Photochemistry.

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Council: Mem. 2001-04, 2018-19

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Council: Mem. 2011-12

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2017 MISHRA, Om Prakash (b. 1966) PhD, DSc, FIGU, PGDM (Finance), Scientist G/Advisor/Head (SAGE) & Director, National Centre for Seismology, Ministry of Earth Sciences, Prithvi Bhawan, IMD Campus, Lodhi Road, New Delhi - 110003; Tel. (011) 24669549, 24622511, 43824405(O), 09433424810 (M); Fax: 24616309; Email: opmishra2010.saarc@gmail.com; omp.mishra@nic.n.; Sp. Applied Geophysics/Seismology/

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- 2013 MISHRA, Rakesh Kumar (b. 1961) PhD, FNA, FASc, Former Director, CSIR-Centre for Cellular & Molecular Biology, Uppal Road, Hyderabad 500007; Res. 2-17-3/E, Pl.No. 95/A, Dharmapuri Colony, Uppal, Hyderabad 500039; Tel. (040) 27192658, 27160031(O), 09441902188(M); Fax: 27160591; Email: mishra@ccmb.res.in; Sp. Molecular Genetics/Genomics/Epigenetics.
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- 2014 MISHRA, Sukumar (b. 1970) PhD, FNAE, FIETE, FIE, FIET, ABB Chair Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, New Delhi 110016; Res. 30 Vikramshila Apt., IIT Campus, Hauz Khas, New Delhi 110016; Tel. (011) 26591074(O), 26596908(R), 09810429715(M); Fax: 26581606; Email: sukumar@ee.iitd.ac.in; sukumariitdelhi@gmail.com; Sp. Renewable Energy/Power System/Smart Grid.
- 2018 MISHRA, Suman Kumari (b. 1964), PhD, Director, CSIR-Central Glass & Ceramic Research Institute (CGCRI), 196, Raja SC Mullick Road, Kolkata 700032; Tel. (033) 24735829, 24839241, 23223001, 23223380(O), 09801341664(M); Email: dir_office@cgcri.res.in; director@cgcri.res.in; suman.nml@gmail.com; Sp. Materials Science Processing/Hard Coating/Protective Coatings/Energy Materials/High Temperature Materials.
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Council: Pres.2007-08 P.Pres. 2009-10 V.P. 2005-06 Mem. 2003-04

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2016 MISRA, Hari Sharan (b. 1962) PhD, Fulbright Scholar, Professor, Homi Bhabha National Institute & Head, Molecular Biology Division, Bhabha Atomic Research Centre, Mumbai - 400085; Res. 4E, Udayagiri, Anushaktinagar, Mumbai - 400094; Tel.(022) 25593821(D), 25592694(O), 25503008, 25512579(R), 09920458791(M); Fax: 25505326; Email: hsmisra@barc.gov. in; harimisra38@gmail.com; Sp. Cellular and Molecular Responses to Stress/Genome Biology/Molecular Biochemistry.

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Council: G.S. 2009-13

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Council: Mem. 2000-2002

2017 MISRA, Sudip (b. 1977) PhD, FIEEE, FNAE, FIET, FIETE, FBCS, FRSPH, ACM DM, Professor & INAE Abdul Kalam Technology Innovation National Fellow, Department of Computer Science & Engineering, IIT Kharagpur, Kharagpur - 721302; Res. Qrs.No.B-74, IIT Campus, Kharagpur - 721302; Tel. (03222) 282338(O), 282339(R), 09474174155(M); Fax: 255303; Email: sudipm@iitkgp.ac.in; sudip_misra@yahoo.com; Sp. Internet of Things/Wireless Sensor Networks.

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2007 MITRA, Debashis, (b. 1960) PhD, FNA, FASc, Professor of Eminence & JC Bose National Fellow, National Centre for Cell Science, Pune SP Pune University Campus, Pune - 411007; Res. 35 Freedom Park, Vishal Nagar, Pimple Nilakh, Pune -411027; Tel. (020) 25708151(O), 09823059841(M); Email: dmitra@nccs.res.in; Sp. Microbiology/Virology/Immunology.

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Award: Prof. NR Dhar Mem. Lec.Award - Nat.Acad.Sci.India (2001). Council: Pres. 2003-04 P.Pres. 2005-08 F.S. 99-2000 Mem. 94-98, 2002

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Council: Mem. 2017-18

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- 2003 MOHANTÝ, Sureswar (b. 1942) MBBS, MS, MCh, FAMS, FAIS, FACS, Formerly Director & Professor of NeuroSurgery, IMS, BHU; Res. 206, Duplex, Manorama Estate, Rasulgarh, Bhubaneswar 751010; Email: sureswar.mohanty@gmail.com; Sp.Head Injury/Brain Tumour/Brain Edema/ Neuro Sci.
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NAIK, Prasad Anant (b. 1959) PhD, Visiting Professor, Department of Physics, BITS-Pilani KK Birla Goa Campus, Zuari Nagar, Goa – 403726; Former Director, Raja Ramanna Centre for Advanced Technology, Indore; Res. Qtr.No. C-327, BITS-Pilani KK Birla Goa Campus, Zuari Nagar, Goa - 403726; Tel. (0832) 2580179(O), 09981395193(M); Email : prasadn@goa.bits-pilani.ac.in; prasadanaik@gmail.com; Sp. Lasers, Laser Produced Plasma, High Power Lasers, X-Ray Laser.

NAIR, Gopalan Madhavan (b. 1943) FNAE, Former Chairman, Space Commission, Secretary, DOS, Chairman, ISRO, Bangalore; Res. 'Manjari', Temple Road, Sasthamangalam, Thiruvananthapuram – 695010; Tel. (0471) 2720941(R); Email: gmnair@isro.gov.in, gmnairg@gmail.com; Sp. Space Technology/ Rocket System Design/Science & Technology Management.

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2010 NAIR, Kunchupillai Gopalakrishnan (b. 1934) PhD, FIETE, Director, Centre for Science in Society, Cochin University of Science & Technology, Kochi- 682022; Res. Nandanam, Near Thrikkakara Temple, Cochin University PO, Kochi - 682022; Tel. (0484) 2575039, 2575552(O), 2575400(R); Fax: 2575552; Email: velianadkgn@gmail.com; velianad@yahoo.co.in; Sp. Physics/Electronics/Popularisation of Science.

NALLAMALA, Manjula Reddy (b. 1965) PhD, FASc, FNA, Chief Scientist, S-106, CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad - 500007; Res. 1-2-99/E, Street No. 2, Habsiguda, Hyderabad - 500007; Tel. (040) 27192514(O), 09866706920(M); Email: manjula@ccmb.res.in; mreddy65@gmail.com; Sp. Bacteriology/Bacterial Cell wall Synthesis.

2013 NAMBOOTHIRI, Irishi Naravanan (b. 1964) PhD. Professor. Department of Chemistry, Indian Institute of Technology Bombay, Mumbai - 400076; Res. B-53, Building #13, IIT Quarters, Powai, Mumbai - 400076; Tel. (022) 25767196(O), 25768196(R), 09969960735(M); Fax: 25767152, 25723480; Email: irishi@iitb.ac.in; inamboothiri@gmail.com; Sp. Organic Chemistry/Organic Synthesis, Reaction Mechanism.

1974 NANDA, R.S. PhD, Professor, Mathematics Department, Indian

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2016

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2004 NANDEDKAR, Tarala Deepak (b. 1945) PhD, Formerly Deputy Director, (Sr. Grade), National Institute for Research in Reproductive Health, Parel, Mumbai - 400012; Ex. Emeritus Scientist (CSIR); Visiting Scientist, Haffkime Institute, Parel, Mumbai; Res. C-201, Asha Kunj, Samarth Garden, 8 Datta Mandir Road, Bhandup (W), Mumbai - 400078; Tel. (022) 25662334(R), 09833596546(M); Fax: 24139412; Email: tarala45@gmail.com; Sp. Reproductive Biology/Ovarian Endocrinology/Cell Culture.

2023 NANDI, Ashish Kumar (b. 1967) PhD,FWAST, Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi -110067; Res. A-310 Sarita Vihar, New Delhi - 110076; Tel. (011) 26704152(O), 41756098(R), 09958740279(M); Fax : 26704530; Email : ashis_nandi@yahoo.com; Sp. Plant Immunity/Plant Development/Plant Biotechnology.

2014 NANDICOORI, Vinay Kumar (b. 1969) PhD, Director, Centre for Cellular & Molecular Biology, Habsiguda, Uppal Road, Hyderabad-500007; Tel. (040) 27160789(O), 09891497516(M); Fax: 27160252; Email: vinaykn@nii.ac.in; director@ccmb. res.in; Sp. Molecular Biology/Cell Biology/Biochemistry.

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NAQVI, Syed Wajih Ahmad (b.1954) PhD, FASc, FNA, FTWAS, 2002 Distinguished Visiting Professor, Department of Earth Sciences, Indian Institute of Technology, Kanpur – 208016; Tel. (0512) 2592158(O), 09643314093(M); Email: wajih_naqvi@yahoo. wnaqvi@iitk.ac.in; Sp. Oceanography/Aquatic Biogeochemistry/Global Chance.

2007 NARAHARI, Yadati (b. 1959) PhD, FNA, FASc, FNAE, FIEEE, Professor, Department of Computer Science and Automation, Indian Institute of Science, Bangalore - 560012; Res. No.65, 4th Cross, S.P. Extension, Malleswaram, Bangalore - 560003; Tel. (080) 22932773, 22932468(O), 23310265(R); Fax: 23602911; Email: narahari@iisc.ac.in; narahari.yadati@gmail.com; Sp. Game Theory/ Network Economics/Electronic Commerce.

- 2012 NARAIN, Sunita (b. 1961) D.Sc.(hc), Director General, Centre for Science & Environment, 41, Tughlakabad Industrial Area, New Delhi 110062; Res. A-17, Green Park, New Delhi 110016; Tel. (011) 29955778(O), 26863380(R); Fax: 29955879; Email: sunita@cseindia.org; Sp. Science & Society.
- 1998 NARASIMHADEVARA, Vijayaditya (b. 1946) PhD(USA), Former Controller of Certifying Authorities, O/o CCA, DIT, New Delhi; Res. C-72, Tarang Apartments, Plot No. 19, Mother Dairy Road, I.P. Extension, New Delhi 110 092; Tel. (011) 22721073(R); Sp. Information Technology.
- NARASIMHAM, Syamala Vemuri (b.1937) PhD, FASc, Formerly Senior Professor, TIFR; Res. 202 Vigyan, Plot 23, Sectot 17, Vashi, Navi Mumbai 400703; Tel. (022) 27666155(R), 09819714541(M); Email: narasimham.vemuri@gmail.com; Sp. Cosmic Rays/Particle Physics.
- 1971 **NARASIMHAN, Jr. N.J.** MBBS,FRMS(Oxon); Res. 1460, Mayo Memorial Building, Minneapolis,Minn-55455,USA;
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- 2012 NARAYANA, Chandrabhas (b. 1965) PhD, FRSC, FASc, Director, Rajiv Gandhi Centre for Biotechnology, Thycaud PO, Poojappura, Thiruvananthapuram 695014; Res. No.53, Phase 3, Royal Enclave, Srirampura Village, Jakkur PO, Bangalore 560064; Tel. (0471) 2347973, 2529400(O), 09448682721(M); Fax: 23493030; Email: cbhas@rgcb.res.in; cbhas@jncasr. ac.in; Sp. Experimental Condense Matter Physics/Light Scattering/High Pressure Research/Nano-Biotechnology.
- NARAYAN, Jagdish (b. 1948) PhD(California), NAE, FNAI, FAPS, FAAAS, FASM, FTMS, FMRS, John Fan Family Distinguished Chair Professor & Director, NSF Centre for Advanced Materials & Smart Structures, Deptt. of Material Science and Engineering, EB-1, Suite 3030, Centennial Campus, North Carolina State University, Raleigh, NC 27695-7907, USA; Res. 4917, Springwood Drive, Raleigh, NC 27613-1034, U.S.A.; Tel. (919)-515-7874(O), 846-7233(R); Fax: 515-7642; Email: j_narayan@ncsu.edu; Sp. Q-Carbon and Diamond Related Materials, Nanomaterials/Laser Processing of Materials/Naroscale Characterization.

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- 1990 NARLIKAR, Anant Vishnu (b. 1940) PhD(Cantab), ScD(Cantab), FNA, FASc, Formerly Director Grade Scientist, NPL, New Delhi; Res. 211-212 Peace Point Colony, Behind Queens College, Khandwa Road, Limbodi, Indore 452001; Tel. (0731) 25881150(R), 09755162563(M); Email: narlikar@yahoo.com; Sp. Super conductivity and Condensed matter and Materials Science.
- NARLIKAR, Jayant Vishnu (b. 1938) PhD(Cantab), Sc.D.(Cantab), FNA, FASc, FTWAS, Emeritus Professor, Inter-University Centre for Astronomy and Astrophysics, Post Bag 4, Ganeshkhind, Pune University Campus, Pune-411007; Res. 6, Khagol, S No. 38/1 Panchavati, Pashan, Pune 411008; Tel. (020) 25604100(O), 25881150(R); Fax: 25604698; Email: jvn@iucaa.in; Sp. Cosmology and Astrophysics.
- 1993 NARULA, Suraj Prakash (b. 1934) PhD, Professor, Department of Chemistry, Panjab University, Chandigarh - 160 014; Res. G-5, Sector - 14, Chandigarh - 160 014; Tel. (0172) 541435(O), 541556(R); Sp. Inorganic/Organometallic Chemistry.
- 2019 NATARAJ, Neela (b. 1968) PhD, Professor, Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. 301 Ambrosia Hiranandani Gardens, Powai, Mumbai 400076; Tel. (022) 25767468(O), 09820420708(M); Fax: 25707480; Email: neela@math.iitb.ac.in; Sp. Numerical Analysis/Finite Element Methods.
- 2014 NATARAJAN, Krishnamurthy (b. 1960) PhD, Professor, Laboratory of Eukaryotic Gene Regulation, 325, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067; Res. 1307, Poorvanchal, Jawaharlal Nehru University, New Delhi 110067; Tel. (011) 26704512(O), 26742432(R), 09810908542(M); Fax: 26742558; Email: nat0200@mail. jnu.ac.in; nat0200@gmail.com; Sp. Cellular and Molecular Biology/Chromatin, Transcription and Gene Regulation.
- 2000 NATARAJAN, Kootalai Anantha Iyer (b. 1942) PhD (Minnesota), DSc, FASc, FNAE, FIIM, NASI Honorary Scientist; Emeritus Professor, Department of Materials Engineering, Indian Institute of Science, Bangalore 560012; Formerly NASI Senior Scientist; Res. 594, 10th Cross, III Block, B.E.L. Layout, Vidyaranyapura, Bangalore 560097; Tel. (080) 22932679(O), 23646499(R), 09880250091(M); Fax : 23600472; Email : kan@iisc.ac.in; Sp. Mineral Beneficiation/ Biometallurgy/ Environment/Corrosion/Hydrometallurgy.
- NATARAJAN, Srinivasa (b. 1941) PhD, (IITM) Formerly Dean, Professor & Head, Anna University, Chennai; Res. 34, Second Main Road, Kottur Gardens, Chennai-600085; Tel. (044) 24475931(R), 09282220931, 09500052931(M); Fax: 24420148; Email: radarajan@gmail.com; Sp. High Pressure Physics/X-Ray Crystallography/ Materials Science/ Creativity.

2010 NATARAJAN, Srinivasan (b. 1960) PhD, FNA, FASc, Professor, Solid State & Structural Chemistry Unit, Indian Institute of Science, Bangalore - 560012; Res. Flat No. 4, 2A Ram Eleganie, 4th Main, 7th Cross Naidu Layout RMV 2nd Stage, Bangalore - 560094; Tel. (080) 22932551(O), 23417591(R), 09448937430(M); Fax: 23601310; Email: snatarajan@iisc.ac. in; rajan1960@gmail.com; Sp. Inorganic Materials Chemistry.

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Council: Mem. 2012-13

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1998 NAUTIYAL, Chandra Shekhar (b. 1956) PhD, FNA, FNAAS, Scientific Advisor, Swami Rama Himalayan University, Dehradun; Formerly Vice Chancellor, Doon University, Dehradun & Director, CSIR-NBRI, Lucknow; Tel. 09415511111, 06395922202(M); Email: csnnbri@yahoo.com; nautiyalnbri@lycos.com; Sp. Plant Microbial Interactions/Agricultural Microbiology & Biotechnology.

Council: Mem. 2015-16

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2015 NAYAK, Shailesh (b. 1953) PhD, DSc(hc), FNA, FASc, Director, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore - 560012; Res. 304, Purva Atria Platina Apts., 3rd Main, 4th Cross, 1st Block RMV 2nd Stage, Bangalore - 560094; Tel. (080) 23601969(O), 29730098(R), 09868262969 (M); Fax : 22185076; Email : director@nias.res.in; shailesh@ nias.res.in; Sp. Remote Sensing/Oceanography/Natural Hazards.

Council : Mem. 2019-20

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NAYAR, Madhavan Parameswaran (b. 1932) PhD(Lond), FLS, President, Environmental Resources Research Centre, Post Box 3/1230, Peroorkada P.O., Trivandrum - 695005; Formerly Director, Botanical Survey of India, Pitambar Pant National Environment Fellow; Res. The Greens, 19/315, Vattavila, Thirumala P.O., Trivandrum - 695006; Tel. (0471) 2437069(O), 353185(R); Email: mpnayar@yahoo.co.in; Sp. Taxonomy/Conservation/Endemic & Endangered Plant Species.

1982 NEELKANTAN, S. PhD,FRSC(Lond.), Formerly Professor of Chemistry, Director, Department of Pharma Chemistry, K.M. College of Pharmacy, Madurai-625 107; Sp. Organic & Natural Products Chemistry.

Council: Mem. 84-85

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1979 NIAZI, Iqbal Ahmad (b. 1928) PhD(McGill), FASc, Formerly Professor and UGC Emeritus Fellow, Zoology Dept., University of Rajasthan, Jaipur - 302004; Res. D-2/2276, Vasant Kunj, New Delhi - 110070; Tel. (011) 26132371(R), 09810178979(M); Email: i_a_niazi@yahoo.co.in; Sp. Developmental Biology of

Animals / Embryology / Regeneration.

2016 NINGTHOUJAM, Raghumani Singh (b. 1972) PhD, Scientific Officer-F, Chemistry Division, Bhabha Atomic Research Centre, Mumbai - 400085; Res. Flat D-17, Kapilvatsu, Anushakti Nagar, Mumbai - 400094; Tel. (022) 25592321(O), 25570544(R); Fax: 25505151; Email: nraghu_mani@yahoo.co.in; rsn@barc.gov.in; Sp. Solid State Chemistry.

2018 NIRANJANA, Siddapura Ramchandrappa (b. 1959), PhD, FNAAS, FNABS, FPSI, FISMPP, Former Vice Chancellor, Gulbarga Uni.; BSR Faculty Fellow, Studies in Biotechnology Dept., Distinguished Professor, University of Mysore, Manasagangotri, Mysore - 570006; Res. #122, 21st Cross, D Block, Vijayanagar, 3rd Stage, Mysore - 570017; Tel. (0821) 2411118(R), 08197077637(M); Email : niranjanasr@rediffmail.com; Sp. PlantProtection/Agriculture Biotechnology/Seed Pathology.

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2006 NITYANAND, Soniya (b. 1962) PhD,M.D., Director, Dr. Ram Manohar Lohia Institute of Medical Science, Vibhuti Khand, Gomti Nagar, Lucknow - 226010; Res. B-62, Nirala Nagar, Lucknow - 226020; Tel. (0522) 2668700,800,900 Extn.2291(O), 2788587, 2787179(R); Fax: 2668017; Email: soniya@sgpgi.ac. in, soniya_nityanand@yahoo.co.in; Sp. Internal Medicine/Immunology/Hematology.

Council: Mem. 2013-14

- 1980 NIZAM, Jafar (b. 1926) PhD(Lond.), Formerly Professor of Botany; Res. Flat No.606,Minar Apartments (Deccan Towers), Basheer Bagh, Hyderabad-500 001; Tel. (040) 234043(R); Sp. Plant Cytogenetics/Cell Biology/Mutation Breeding.
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- 2015 OJHA, Devendra Kumar (b. 1967) PhD, FASc, Senior Professor, Tata Institute of Fundamental Research (TIFR), Homi Bhabha Road, Colaba, Mumbai 400005; Res. 110-Bhaskara, TIFR Housing Complex, Homi Bhabha Road, Colaba, Mumbai 400005; Tel. (022) 22782684(O), 22783156(R); Fax: 22804610; Email: ojha@tifr.res.in; Sp. Star Formation & Interstellar Medium/Infrared Astronomy/Astronomical Instrumentation.
- 2015 OMKAR (b. 1958) PhD, Former Professor & Head, Department of Zoology, University of Lucknow, Lucknow - 226007; Res. 14/494 Aanjaneya, Vikashnagar, Lucknow - 226022; Tel. 09415757747(M); Email : omkar.lkouniv@gmail.com; Sp. Biology, Ecology and Behaviour of Ladybird Beetles & Biocontrol of Pests.
- 2000 OOMMEN, Vilaverthottathil Oommen (b. 1949) PhD, FAS, FRE, Emeritus Professor, Department of Computational Biology & Bioinformatics, State Inter-University Centre of Excellence in Bioinformatics, North Campus Kariavattom, University of Kerala, Thiruvananthapuram 695581, Kerala; Res. Baruch, Gandhipuram, Sreekariam, Trivandrum 695017; Tel. (0471) 418906(O), 598940(R); Fax: 307158; Email: oommenvo@yahoo.com; oommenvo@gmail.com; Sp. Comparative Endocrinology & Physiology/Molecular Taxonomy and Biodiversity Reproductive Biology.

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Council: Pres. 2019-20 P.Pres. 2021-22

1988

2000 PADMANABHAN, Kuppuswamy Anantha (b. 1945) PhD (Cantab), ScD (Cantab), FNAE, FASc, FIIM, FIMMM (London), FIE, Research Advisor, Members (Physical Sciences), Research & Innovation Advisory Board, TCS; Formerly Director, IIT, Kanpur; Professor of Eminence, Mechanical Engineering Dept., College of Engineering, Guindy, Chennai-600025; Res. 7200 Kentwood Avenue, Los Angeles, California, 90045, USA; Tel. +1 310 908 3959; Email: ananthaster@gmail.com; kap@annauniv.edu; Sp. Mechanical Metallurgy/Metal Forming/Superplasticity and Plasticity/Nanostructured and Ultrafine Grained Materials/ Modelling & Simulation.

PADMANABHAN, Thanu (b. 1957) PhD, FNA, FTWAS, FASc, Distinguished Professor (Scientist I), IUCAA, Poona University Campus, Post Bag 4, Ganeshkhind, Pune - 411007; Res. 8, Akashganga, IUCAA Housing Colony, Poona University Campus, Ganeshkhind, Pune - 411007; Tel. (020) 25604106 (O), 25692922(R); Fax:25604699; Email : paddy@iucaa.in; nabhan@iucaa.in; Sp. Quantum Theory/Gravitation/Cosmology and Structure Formation in the Universe.

Award:Prof.AC Banerji Mem.Lec.Award-Nat.Acad.Sci.India (1997).

PADUBIDRI, Shivaprasad V. (b. 1974) PhD, Associate Professor, National Centre for Biological Sciences, GKVK Post, Bangalore-560065; Res. D601, Shriram Suhaana, Doddaballapur Road, Opp. BMSIT College, DB Road, Yelahanka, Bangalore -560064; Tel. (080) 23666511(O), 07337834349(M); Email: shivaprasad@ncbs.res.in; Sp. Plant Biotechnology/Plant Epigenetics/RNA Silencing.

PAKRASHI, Satyesh Chandra (b.1930) PhD,DSc(hc),FNA, S.N. Pradhan Centre for Neurosciences, Calcutta University, Dr. B.C. Roy PG Institute of Basic Medical Sciences, 244B-Acharya J.C. Bose Road, Kolkata - 700020; Res. 'Meghamallar', Flat No. 8F/2, 18/3,Gariahat Road, Kolkata-700019; Tel.(033) 24408123, 24602173(R), 09836424335, 09330968389(M); Fax: 24730284; Email : satyeshpakrashi@gmail.com; satyesh pakrashi@yahoo.in; Sp. Chemistry of Natural Products.

2005 PAL, Amita (b. 1949) PhD, FAScT, President, Archana Sharma Foundation of Calcutta; Former Senior Professor, Division of Plant Biology, Bose Institute, Kolkata - 700091; Res. Flat 3D, Apna Sapna, 267 Rajdanga, Nabapally, Kolkata - 700107; Tel. 09830009846, 09903052859(M); Email: amita@jcbose.ac.in; palamita119@gmail.com; Sp. Molecular Genetics and Genomics; Developmental and Stress Biology.

- 2016 PAL, Amlan Jyoti (b. 1960) PhD, FNA, FASc, FNAE, JC Bose National Fellow, Director, UGC-DAE Consortium for Scientific Research, Khandwa Road, Indore 452001; Res. Director's Residence, UGC-DAE CSR Residential Complex, Indrapuri, Indore 452001; Tel. (0731) 2463945(O), 09433059564(M); Email: director@csr.res.in; sspajp@iacs.res.in; Sp. Experimental Condensed Matter Physics/Organic Electronics/Device Physics.
- PAL, Gaya Prasad (b.1950) M.B.B.S., M.S., D.Sc., FASc, FAMS, FASI Director, Modern Institute of Medical Science, Kanadia, Near Bypass Road, Indore 452016; Res. 74, Padmavati Colony, Near St. Paul School, Indore 452001; Tel. (0731) 2842234-35(O), 2497600(R), 09425496354(M); Fax: 2842235; Email: gp_pal50@rediffmail. com; Sp. Anatomy/Biomechanics of Spine.
- PAL, Haridas (b. 1959) PhD, Outstanding Scientst, Head, Molecular Photochemistry Section, Radiation & Photochemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai 400085; Res. Flat No. 8, Pratik, Plot 37, Sector 17, Koperkhairane, Navi Mumbai 400709;Tel. (022) 25595396(O), 27548126(R), 09969132040(M); Fax : 25505151, 25519613; Email: hpal@barc.gov.in; Sp. Photochemistry/Electron & Proton Transfer Processes/Supramolecular Chemistry.
- PAL, Jayanta Kumar (b. 1953) PhD,FMASc, Research Director, Dr. DY Patil Biotechnology & Bioinformatics Institute, Tathawade, Dr. DY Patil Vidyapeeth, Pune 411033; Res. 51, Maithili, Orion Complex, Aundh Road, Pune- 411020;Tel. (020) 67919444 Ext. 9455(O), 09960942624(R); Email : director.res.biotech@dpu.edu.in; jkpal@hotmail.com; Sp. Cell Molecular Biology/Developmental Biology/Genetic Engineering.
- 2009 PAL, Nikhil Ranjan (b. 1959) PhD, FNAE, FNA, FIFSA, FTWAS, FIEEE, Professor, ECSU, Indian Statistical Institute, 203, B.T. Road, Kolkata- 700108; Res. Flat 1B, Poonam Tower, A 45 Geetanjali Park, Ariadaha, Kolkata 700057; Tel. 09433905237(M); Email : nrpal59@gmail.com; Sp. Computational Intelligence/Machine Learning/Artificial Intelligence/Data Mining/Bioinformatics.
- 2016 PAL, Rahul (b. 1960) PhD, Emeritus Scientist, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067; Res. B-2, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067; Tel. (011) 26703787(O), 26717177(R), 09811098023(M); Fax: 26742125; Email: rahul@nii.ac.in; Sp. Immunology/Cancer Biology.

PAL, Sankar Kumar (b. 1950) PhD (Cal.& Lond.), DIC, FNA, FASc, FTWAS, FNAE, FIAPR, FAAIA, FIEEE, Memb. European Acad. of Sci. and Arts; SERB National Science Chair; AICTE Distinguished Chair Professor; ISI Emeritus Professor; ISI President; Distinguished Scientist & Former Director, Indian Statistical Institute, 203, BT Road, Kolkata -700108; Formerly INSA Distinguished Professor, Sir JC Bose Fellow & DAE Raja Ramanna Fellow; Res. B-4, Lake View Park, PO ISI, Kolkata -700108; Tel. (033) 25752040, 25752041(O), 24648775, 25772030(R), 09831101500(M); Fax: 25778699, 25773357; Email : sankar@isical.ac.in; sankarpal@yahoo.com; Sp. Pattern Recognition/Image Processing/ Machine Learning/ Soft Computing and Data Mining/Bioinformatics/Cognitive Systems/Safety Analytics/Video Analytics and Deep Learning.

Council: Mem. 2017-18

1998 PAL, Sourav (b. 1955) PhD, FASc, FNA, FRSC, Director, Indian Institute of Science Education and Research, Kolkata, Mohanpur – 741246, Nadia, West Bengal; Res. Director's Bunbalow, IISER Kolkata Campus, Mohanpur – 741246, Nadia, West Bengal; Tel. (033) 66340012(O), 66340013(R); Fax: 25028002; Email: s.pal@iiserkol.ac.in; s.pal@ncl.res.in; spal@chem.iitb.ac.in; Sp. Theoretical Chemistry.

1993 PAL, Surendra (b. 1948) PhD, Dist.FIETE,FNAE, FIÉEE,FIET(UK), Ch.Engr(UK), MIA(Paris), DRDO Dr. DS Kothari Chair, Bangalore; Former Vice-Chancellor, Defence Institute of Advanced Technology, Pune; President IETE, Distinguished Scientist & Senior Advisor, Sat.Nav-ISRO; Tel. 09880595280 (M); Email: pal_surendra@hotmail.com; Sp. Microwaves/Electromagnetics/Space Communication/ Radars, Satellite Navigation (GPS,GAGAN,GLONASS, GALILEO).

2007 PAL, Tarasankar (b. 1952) PhD, DSc, Emeritus Professor, School of Applied Sciences, Kalinga Institute of Industrial Technology, Odisha. Former Professor of Chemistry, IIT Kharagpur; Res. A-83, IIT Campus, Kharagpur - 721302; Tel. (03222) 281920(O), 281921(R); Email: tpal@chem.iitkgp.ac.in; tarasankar.pal@gmail.com; Sp. Inorganic Chemistry/Nano Science/Catalysis SERS Spectroscopy.

2006 PALIT, Dipak Kumar (b. 1957) PhD, FNA, FASc, Emeritus Professor, UM-DAE Centre for Excellence in Basic Sciences, Mumbai University, Kalina Campus, Santacruz (E), Mumbai 400098; Res. B2203 Neptune Tower, Suncity Housing Complex, Adi. SC Marg, Powai, Mumbai - 400076; Tel. (022) 26532132(O), 25784128(R), 09969149589(M); Email: dkpalit@cbs.ac.in; palittleffet Spectroscopy.

Chemistry/Photochemistry/ Ultrafast Spectroscopy.

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Awards: Prof. Shri Ranjan Memorial Lecture (2004), Award Lecture in the field of Biodiversity (2007);

Council : Mem. 2005-06

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PANDA, Chinmay Kumar (b. 1959) PhD, NASI Senior Scientist, Former Senior Assistant Director Grade, Department of Oncogene Regulation, Chittaranjan National Cancer Institute, 37, SP Mukherjee Road, Kolkata - 700026; Res. Kajal Kunja, 51A/1, MC Garden Road, Dum Dum, Kolkata - 700030; Tel. (033) 24743922(O), 25480905(R), 09836594727(M); Fax: 24757606; Email: ckpanda.cnci@gmail.com; Sp. Cancer Genetics/Developmental Genetics/Functional Genetics.

2005 PANDA, Dulal (b. 1964) PhD, FTWAS, FNA, FASc, JC Bose National Fellow, Director, NIPER Mohali, Sector 67, SAS Nagar-160062; Tel. 09820391591(M); Email: panda@iitb.ac.in; panda@niper.ac.in; Sp. Biochemistry/Cell Biology/ Biotechnology/Pharmacology.

2003 PANDA, Ganapati (b. 1948) PhD, DSc(UK), FNAE, FIE, FIETE, Professor Emeritus, School of Electrical Sciences, Indian Institute of Technology, Bhubaneswar - 751013; Res. K8/80, Kalinga Nagar, Ghatikia, Bhubaneswar - 751003; Tel. (0674) 2301306(O), 09437048906(M); Email: gpanda@iitbbs.ac.in; ganapati.panda@gmail.com; Sp. Digital Signal Processing/ Soft Computing and Digital Communication.

2010 PANDA, Sudhakar (b. 1959) PhD, FNA, FASc, Director, National Institute of Science Education and Research, Jatni, PO: Bhimpur-Padanpur, Bhubaneswar – 752050; Tel.(0674) 2494002, 2494003(O), 2301367(R), 09437559215(M); Fax: 2494004; Email: director@niser.ac.in; panda@iopb.res.in; Sp. Field Theory/ String Theory/ String Cosmology.

2015 PANDE, Kanchan (b. 1958) PhD, Professor, Department of Earth Sciences, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. B37, Bldg No.9, Central Area IIT Campus, Powai, Mumbai - 400076; Tel. (022) 25767275(O), 25768276, 25724194(R); Fax : 25767253; Email : kanchanpande@iitb.ac.in; Sp. Geochemistry/Isotope Geology /Ar-Ar Geochronology.

1979 PANDEYA, Krishna Bihari (b. 1942) D.Phil., Former Vice-Chancellor, M.G. Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, MP; Formerly Chairman, UP Public Service Commission; Res. 191-MIG-I, A.D.A., Naini, Prayagraj - 211008; Tel. (0532) 2698848(R), 09415344234(M); Email: kbpandeya@yahoo.com; krishnabpandeya@hotmail.com; Sp. Inorganic Chemistry/ESR Spectroscopy/ Mössbauer Spectroscopy.

2005 PANDEY, Anil Kumar (b. 1958) PhD, Scientist F, Aryabhatta Research Institute of Observational Sciences, Manora Peak, Nainital-263129; Res. ARIES Campus, Manora Peak, Nainital-263129; Tel. (05942) 235136, 235583(O), 235583(R); Fax: 233439; Email: pandey@aries.res.in; Sp. Star Formation/ Star Clusters/Gravitational Lensing.

2017 PANDEY, Arun Kumar (b. 1953) PhD, FES, FBS, FIAAT, FEHSST, Pro-Chancellor, Mansarovar Global University, Kolar Road, Bhopal - 462042; Former Professor of Botany & Dean of Colleges, University of Delhi; Tel. 09717745993(M); Email: arunpandey79@gmail.com; pro.chancellor@maguindia.com; Sp. Taxonomy/Molecular Systematics/Biodiversity/Plant Reproductive Biology.

Council: Mem. 2022-23

2012 PANDEY, Ashok (b. 1956) DPhil,FBRS,FTWAS,FNA,FRSB,FIOBB, FISEES, FAMI, FICT, FWSSET, Distinguished Scientist, Centre for Innovation and Translational Research, CSIR-Indian Institute of Toxicology Research, Lucknow - 226001; Tel. (0522) 2217646(O); Email: ashok.pandey1@iitr.res.in; ashokpandey 1956@gmail.com; Sp. Industrial & Environmental Biotechnology, and Energy Biosciences-Waste to Wealth/Industrial Enzymes/Solid State Fermentation.

2009 PANDEY, Daya Shankar (b. 1961) PhD, FNA, FASc, JC Bose National Fellow, Professor, Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi - 221005; Res. Flat No. 706 B Block, Rudra Towers, Karamjit Pur, Newada, Near Dhirendra Mahila PG College, Varanasi - 211005; Tel. 09450960400(M); Fax:0542-2368174; Email : dspbhu@bhu.ac. in; dsprewa@yahoo.com; Sp. Organometallic/Bioinorganic/Supramolecular Chemistry.

Council : G.S. 2024-

- 2009 PANDEY, Dhananjai (b. 1952) PhD,FNA,FASc, Professor & JC Bose National Fellow, School of Materials Science & Technology, Indian Institute of Technology (BHU), Varanasi 221005; Res. H-7 VDA Flats, Ravindrapuri Extension, Varanasi-221005; Tel. (0542) 6701799(O), 2314658(R); Fax: 2368707, 2368174; Email: dpandey_bhu@yahoo.co.in; dp.mst1979@gmail.com; Sp. Ferroics and Multiferroics/Phase Transitions/Materials Science.
- 1993 PANDEY, Ganesh Prasad (b. 1954) PhD, FNA, FASc, Distinguished Professor, Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi 221005; Res. Shyam Kunj, A-198 Omaxe City, Raebareli Road, Lucknow 226025; Tel. 09970171802(M); Email: ganesh.pandey1@bhu. ac.in; Sp. Organic Synthesis/Bioorganic Chemistry.
- 2016 PANDEY, Girdhar Kumar (b. 1972) PhD, FNAAS, Professor, Plant Molecular Biology Dept., University of Delhi South Campus, New Delhi 110021; Res. D-503, Happy Home Apt., Sector 7, Dwarka, New Delhi 110075; Tel. (011) 42445436(R), 09811721436(M); Fax: 24111208; Email: gkpandey@south.du. ac.in; giridhar98@gmail.com; Sp. Plant Molecular Biology/Calcium Signaling/Functional Genomics of Stress Signalling.

2023 PANDEY, Jitendra (b. 1962) PhD, Professor, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. B-36/10-44 Kewalyadham Colony, Durgakund, Varanasi - 221005; Tel. 09935954915(M); Email : jiten_pandey@rediffmail.com; j_pandey@bhu.ac.in; Sp. River Ecology/Atmospheric Deposition/Climate Change.

PANDEY, Om Prakash (b. 1950) PhD, Emeritus Scientist, CSIR-National Geophysical Research Institute, Uppal Road, Hyderabad - 500007; Res. 1-49/3/37 Plot No.37, Surya Nagar Colony, Uppal, Hyderabad - 500039; Tel. (040) 27012818(O), 27200109(R), 09440832738(M); Fax : 23434651; Email : om_pandey@rediffmail.com; Sp. Geophysics/Geological

Sciences/Earth's Thermal Evolution.

PANDEY, Prem Chand (b. 1945) PhD, DSc(hc), FASc, Adjunct Professor, Discipline of Earth Sciences, Indian Institute of Technology Gandhinagar, Palaj, Gujarat - 382355; Res. 1/2, Aalay Apartments, Opposite Vastrapur Bus Stand, Vastrapur, Ahmedabad - 380015; Tel. 08763865350(M); Email : pcpandey@iitgn.ac.in; pcpandey45@yahoo. co.in; Sp. Satellite Oceanography/Atmospheric Sciences/Climate Change and Polar Research.

2008 PANDEY, Suman Kumar (b.1948) PhD,FNNAS,FHSI, Ex. Director, Central Potato Research Institute, Shimla; Res. 78, Marutipuram, Faizabad Road, Lucknow – 226016; Tel. (0522) 4063642(R), 09695162741(M); Email: write2skpandey @gmail.com; Sp. Genetics & Plant Breeding/Biotechnology.

PANDIAN, Thavamani Jegajothivel (b. 1939) PhD, Dr.rer.nat. (Kiel), DSc, FNA, FASc, FNAAS, FTWAS, Res. 9, Old Natham Road, Opp. Balamandiram, Madurai - 625014; Tel. (0452) 2640139(R), 09842164130(M); Email: tjpandian16@gmail.com; Sp. Genetics and Fishery Science.

PANDIT, Lekha (b. 1959) MD, DM, PhD, Professor of Neurology and Director, Center for Advanced Neurological Research, NITTE(Deemed to be University) Mangalore - 575018; Res. Kailas, Chandrika Layout, Netaji Road, Bejai, Mangalore - 575004; Tel. (0824) 2202392, 2204471-76(O), 09845084343 (M); Email: panditmng@gmail.com; lekhapandit@nitte.edu.in; Sp. Neurology/Neuroimmunology.

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2014 PANDIT, Maharaj K. (b. 1958) PhD, FNA, Professor & Head, Department of Environmental Studies, University of Delhi, Delhi- 110007; Tel. (011) 27666163(O); Email: rajkpandit@gmail.com; Sp. Plant Ecogenomics/Sustainability/

Conservation Biology.

2012 PANDITA, Pran Nath (b. 1949) PhD,FNA,FASc, DAE Raja Ramanna Fellow, Centre for High Energy Physics, Indian Institute of Science, Bengaluru – 560012; Tel. (080) 22932396(O), 09436102186(M); Fax: 23600106; Email: pandita@associates.iucaa.in; Sp. Theoretical High Energy Physics/Astroparticle Physics.

2008 PANDIŤ, Aniruddha Bhalchandra (b.1957) PhD, FNA, FASc, FNAE, FMASc, FTWAS, Vice Chancellor, Institute of Chemical Technology, N.P. Marg, Matunga, Mumbai - 400019; Res. E-3, Prashant Co-op.Hous.Soc., S.B. Marg, Mahim, Mumbai - 400016;Tel. (022) 336111111(O), 24302660(R); Fax: 33611020; Email: dr.pandit@gmail.com; ab.pandit@ictmumbai.edu.in; nanapandit@yahoo.co.uk; Sp. Chemical Engineering/Multiphase Reactors/Cavitation Phenomena.

2002 PANI, Amiya Kumar (b. 1957) PhD, FASc, Professor, Deprtment of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Tel. (022) 25767481(O), 25768481(R), 09769697481(M); Email : akp@math.iitb.ac.in; Sp. Numerical Analysis/Partial Differential Equations/Industrial Mathematics.

- 2020 PANIGRAHI, Bijaya Ketan (b. 1968) PhD, FNAE, Professor, Department of Electrical Engineering, IIT Delhi, Hauz Khas, New Delhi 110016; Res. Taxila-2, IIT Delhi, Haus Khas, New Delhi 110016; Tel. (011) 26591078(O), 26596148(R), 09582782220(M); Email : bijayaketan.panigrahi@gmail.com; Sp. Power System Operation, Control, Protection and Management/ Smart-Grid/Cybersecurity.
- 2012 PANIGRAHI, Prasanta Kumar (b. 1958) PhD, FGSA, Emeritus Professor, Indian Institute of Science Education and Research Kolkata, Mohanpur, Nadia 741246; Res. Professor, Siksha O Anusandhan, Khandagiri, Bhubaneswar 751030, Odisha Tel. 09748918201(M); Fax: 033-25873020; Email: pprasanta@iiserkol.ac.in; Sp. Field Theory/Quantum Computation/Nonlinear Dynamics.
- PANT, Kamal Kishore (b. 1965) PhD, FNAE, FRSC(London), FIIChE, FIE(I), FBRS(I), Director, IIT Roorkee, Uttrakhand; Professor, Department of Chemical Engineering, IIT Delhi, Hauz Khas, New Delhi 110016; Res. 26, Vikramshila Apartment, Block 2, IIT Delhi Campus, Hauz Khas, New Delhi 110016; Tel. (011) 26596172(O), 26581878(R), 09990662905 (M); Email: kkpant@chemical.iitd.ac.in; dr.kkpant@gmail.com; director@iitr.ac.in; Sp. Heterogeneous Green Catalysis for Sustainable Energy and Hydrogen Generation and Waste to Wealth.
- 2005 PARAMASIVAN, Chinnambedu N. (b.1947) PhD, D.Sc., FAMS, Head of TB. Programme Find/India & SE Asia, Foundation for Innovative New Diagnostics, 14. D. Hansalya Building Barakhamba, Road New Delhi; Res. 26, Kilpauk Garden Western Extension, Chennai 600010; Tel. (011) 30419550(O), 26632955(R); Email: cnparamasivan@ gmail.com; Sp. Medical Microbiology/Immunology/Molecular and Cell Biology.
- 1999 PARANJAPE, Kapil Hari (b. 1960) PhD, FASc, FNA, FTWAS, Professor, Department of Mathematical Sciences, Indian Institute of Science Education & Research, Mohali, Knowledge City, Sector 81, Ajitgarh, Manauli PO 140306; Tel. (0172) 2293110(O), 09915269019(M); Telefax : 2240266; Email: kapil@iisermohali.ac.in; Sp. Algebraic Geometry/Differential Geometry/Topology.
- PAREEK, Ashwani (b. 1969) PhD, FNA,FNAAS,Executive Director, National Agri-Food Biotechnology Institute (NABI), Sector 81, PO Manauli, SAS Nagar, Mohali 140306; Res. Flat # B-533, IInd FL, Paschimabad New Complex, Jawaharlal Nehru University, New Delhi 110067; Tel. (011) 26704504(O), 26741558(R), 09818487723(M); Fax : 26742558; Email : ashwanipareek@gmail.com; Sp. Crop Physiology/Genomics/Abiotic Stresses.

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2009 PARIKH, Jyoti Kirit (b. 1941) PhD, Executive Director, Integrated Research and Action for Development, C-50, Chhota Singh Block, Khelgaon, New Delhi - 110049; Res. C-50, Chhota Singh Block, Khelgaon, New Delhi - 110049; Tel. (011) 26495522(O), 26490126(R); Fax: 26495522; Email: jparikh@irade.org; Sp. Climate Change Technology Assessment/Energy Modelling/ Power System Modelling.

1996 PARIKH, Kirit Shantilal M.Tech.,Sc.D.(MIT), M.S.(MIT), Formerly Member, Planning Commission; Chairman, Integrated Research and Action for Development; Res. C-50, Chhota Singh Block, Asian Games Village Complex, Khelgaon, New Delhi - 110049; Tel. (011) 26495522, 26490126; Fax: 26495522; Email: kparikh@irade.org;

PARIMALA, Raman (b. 1948) PhD, FNA, FASc, Professor, Department of Mathematics and Computer Science, Emory University, 400 Dowman Drice W 401, Atlanta, GA 30322, USA; Res. 848, Artwood Road, GA30307, USA; Tel. (001) 404-7277577(O), 4448870(R); Fax: 7275611; Email: parimala@mathcs.emory.edu; Sp. Algebra/Algebraic Geometry.

1996 PARKASH, Ravi (b. 1950) PhD, DSc, FLS, FZS, FRES (London), FSCG, FZS, FZSI, FISG, Professor Emeritus (CSIR), Department of Genetics, Maharshi Dayanand University, Rohtak - 124001; Res. Type IV/35 MD University Campus, Rohtak - 124001; Tel. 09466260460(M); Fax: (01262) 243791; E-mail: rpgenetics@gmail.com; Sp. Zoology/ Genetics/Population Genetics.

1972 PARMAR, Surendra Singh (b. 1929) PhD(Lko.), PhD(McGill), 166, PALOMINO Pass, Trumbull CT. 06611, USA; Tel. 203-445-1734; Email: ssparmar34@sbcglobal.net; Sp. Physiology/Biochemical Pharmacology/Chemical Pharmacology/Medicinal Chemistry/Biochemistry/Chemistry.

PARODA, Rajendra Singh (b. 1942) PhD, DSc (hc), FNA, FNAAS, FRAAS (Russia), FTWAS (Italy), FFTSE (Australia), Chairman, Trust for Advancement of Agricultural Sciences, Avenue II, IARI, Pusa Campus, New Delhi - 110012; Tel. (011) 25843243 (O), (0124) 4089343(R), 09810191486(M); Email : raj.paroda@gmail.com, taasiari@gmail.com; Sp. Plant Breeding/Genetics. Award : Dr BP Pal Mem. Lecture Award-Nat.Acad.Sci.India (1995).

1990 PARTHASARATHY, Kalyanapuram Rangachari (b. 1936) PhD, FNA, FASc, FTWAS, Emeritus Scientist, Indian Statistical Institute, 7, S.J.S. Sansanwal Marg, New Delhi-110 016; Res. A51, Gyandeep, Plot 8, Mayur Vihar, Phase I, Delhi-110 091;Tel. (011) 41493923(O), 22796447(R); Fax: 41493981; Email: krp@isid.ac.in; Sp. Probability Theory/Quantum Information Theory.

2013 PARTHASARATHY. Naravanaswamy (b. 1959) Professor, Department of Ecology and Environmental Sciences, School of Life Sciences, Pondicherry University, Puducherry -Pondicherry 605014: Res. D-15, University Quarters, 605014; 2654326(O), Puducherry Tel. (0413)07639969849(M); Email: nparthasarathypu@gmail.com; Sp. Biodiversity Conservation/ Plant Ecology & Taxonomy.

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2017 PATEL, Bhisma Kumar (b. 1965) PhD, Professor, Department of Chemistry, IIT Guwahati, Guwahati - 781039; Res. F-11, IIT Guwahati, North Guwahati, Dist. Kamrup, Assam - 781039; Tel. (0361) 2582307(O), 2584307(R), 09954090963(M); Fax : 2582351; Email : patel@iitg.ernet.in; Sp. Organic Synthesis/Catalysis/Reaction Mechanism.

2005 PATHAK, Anand Prakash (b. 1947) PhD,FInstP(Lond.),CPhy, Honorary Professor & NASI Senior Scientist, School of Physics, University of Hyderabad, Central University P.O., Hyderabad - 500046; Res. 184 Doyens Township, Serilingampally, Hyderabad - 500019; Tel. (040) 23134316(O), 09963423366 (M); Fax: 23010227; Email: appsp@uohyd.ernet.in; anandp5@yahoo.com; Sp. Condensed Matter Physics/Ion-Solid Interactions/Ion Beams Studies of Nano-Materials-Synthesis, Modification and Characterization.

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Council: Mem. 2023-

1990

1981 **PATHAK, Bhan Datt** (b. 1928) PhD, Formerly Chairman, Central Ground Water Board, Ministry of Irrigation & Power; Res. MGS-2, Aliganj Housing Scheme, Lucknow - 226020; Sp. **Hydrogeology/Groundwater Hydrology.**

2008 PATHÁK, Bindeshwar (b.1943) PhD,D.Litt., Action Sociologist, Founder, Sulabh Sanitation and Social Reform Movement, (Off. & Res.) Dr. Pathak's Sulabh Gram, Mahavir Enclave, Palam-Dabri Road, New Delhi - 110045; Tel. (011) 25031518, 25032617(O), Fax: 25034014, 25055952; Email: sulabhinfo@gmail.com; sulabhinfo1@gmail.com; Sp. Environmental Sanitation and Technology/Sustainable Development/Social Reform and Social Action.

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Council: Mem. 2013-14

1987 PATHAK, Mano Dutta (b. 1934) PhD, Formerly Director General, Council of Agricultural Research & Education, UP, A-11, Niralanagar, Lucknow-226007; Res. B-1, J Road, Mahanagar Extenstion, Lucknow-226006; Tel. (0522) 2335536(R), 09415543284(M); Email: pathakmd1@gmail.com; Sp. Agricultural Research & Administration.

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2022 PATHANIA, Ranjana (b. 1974) PhD, Professor, Department of Biosciences & Bioengineering, Indian Institue of Technology Roorkee, Roorkee - 247667; Res. B-603, B Block, Shivalik Apts., IIT Roorkee, Roorkee - 247667; Tel. (01332) 285324(O), 285018(R), 09761305971(M); Email: ranjana.pathania@bt.iitr. ac.in; Sp. Antibiotic Resistance/Bacterial Pathogenesis/ Antibacterial Drug Discovery.

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2020 PATIL, Nitin Tukaram (b. 1975) PhD, Associate Professor, Department of Chemistry, Indian Institute of Science Education and Research Bhopal, Bhopal Bypass Road, Bhauri, Bhopal -462066; Res. Flat 203, Tower B, Indian Institute of Science Education and Research Bhopal, Bhopal Bypass Road, Bhauri, Bhopal - 462066; Tel. (0755) 2691351(O), 2691676(R), 08554951605(M); Email : npatil@iiserb.ac.in; patilnitint@ yahoo.com; Sp. Organic Synthesis/Metal Catalysis/

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1988 PATNAIK, Lalit Mohan (b. 1946) PhD, D.Sc., FNA, FASc, FNAE, FTWAS, FIEEE, Adjunct Professor and NASI Senior Scientist, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru - 560012; Res. Apt. No. 313, Sriniket Apartments, 19/8 First Cross, MS Ramaiah College Road, Mathikere, Bengaluru – 560054; Tel. (080) 23602635(R); Email: lalitblr@gmail.com; patnaiklm@yahoo.com; and Computer Science Engineering/Information

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Council: Mem. 2020-21

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2014 PAUL, Vinod Kumar (b. 1955) PhD, FASc, FAMS, FIAP, Member (Health), NITI Aayog, GOI; and Professor & Head, Department of Pediatrics, All India Institute of Medical Sciences, New Delhi -110029; Res. C-2-19, Ansari Nagar (East), AllMS Campus, New Delhi - 110029; Tel. (011) 26593209(O), 26589702(R), 09811042437(M); vinodkpaul@gmail.com; Email

Pediatrics/Neonatology/Public Health.

1995 PAWAR, Sharad Eknath (b. 1942) PhD, DAE-BRNS Senior Scientist, Nuclear Agriculture and Biotechnology Division, Bhabha Atomic Research Centre, Trombay, Mumbai - 400085; Res. 46, Girnar, Anushaktinagar, Mumbai - 400094;Tel. (022) 25595046(O), 25550576(R); Sp. Grain Legume Improvement (Plant Breeding & Cytogenetics).

2008 PEDDI, Venkata Subbarao (b.1950) PhD, Senior Scientist (Seaweeds), Aquaculture Foundation of India, Madurai and Former Deputy Director/Scientist F, Marine Biotechnology and Ecology Discipline, CSIR-Central Salt & Marine Chemical Research Institute, Bhavnagar; Res. 4-19-32/4, Vijayapuri First Line (Cut Road), JKC College Road, Guntur - 522006, AP; Tel. (0863)22185057(R), 09491185057(M); raokappaphycus @gmail.com; cultivationpvs@yahoo.co.in; Sp. Ecology, Biology, Taxonomy, Resource Assessment, and Field Cultivation (Aquaculture) and Nutritional aspects including Antioxidants and Secondary Metabolites of Seaweeds, Bioremediation.

2023 **PENMATSA**, **Aravind** (b. 1982) PhD, Associate Professor, Rm111, Molecular Biophysics Unit, Indian Institute of Sciences, Bangalore - 560012; Res. E17, Old E Quarters, Gulmohar Marg, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22932458, 22933552(O), 09482612682(M); Email: penmatsa@iisc.ac.in; Sp. **Structural Biology/Membrane Proteins/Neuropharmacology.**

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 - Award: Prof. Saligram Sinha Memorial Lecture Award Nat.Acad. Sci. India (1998).
- 2002 **PERIASAMY, Nallagounder** (b.1946) PhD, FNA, FASc, Formerly Senior Professor, Tata Institute of Fundamental Research; Res. 303, Golf Manor NAL Wind Tunnel Road, Murugeshpalya Bengaluru 560017; Tel. 09741912592(M); Email: peri46@ gmail.com; Sp. Chemistry/Fluorescence Spectroscopy/ Materials Chemistry.
- 2010 PERUNTHIRUTHY KOVILAKATHU, Madhu (b. 1968) PhD, Professor DCS, TIFR, Dept. of Chemical Sciences, Tata Institute of Fundamental Research, Survey No. 36/P, Gopanapally Village, Serilingampally Mandal, Ranga Reddy Dist., Hyderabad 500046; Tel. (040) 20203080(O); Email: madhu@tifr.res.in; Sp. Nuclear Magnetic Resonance.
- PHILIP, John (b. 1964) PhD, Associate Director, MCG & Head, SMARTS, Metallurgy and Materials Group & Professor, Homi Bhabha National Institute, Indira Gandhi Centre for Atomic Research, Kalpakkam 603102, TN; Res. 33, Second Avenue, Kalpakkam 603102, TN; Tel. (044) 27480500 Extn.22090(O), 27480121(R), 09443151536(M); Email : philip@igcar.gov.in; philipj_2000@yahoo.com; Sp. Magnetic Nanomaterials/Nanofluids/Soft Matter.
- 2005 PILLAI, Madhavan Radhakrishna (b. 1960) PhD,FRCPath, FASc, FAMS, FNA, Former Director, Rajiv Gandhi Centre for Biotechnology, Thycaud P.O., Thiruvananthapuram 695014; Res. Sarada Bhavanam, K.P VIII/110, Darsan Nagar, Peroorkada, Thiruvananthapuram 695005; Tel. 09995199993, 09207750099(M); Email: mrpillai@gmail.com, professorpillai@gmail.com; Sp. Cancer Biology and Virology.
- 2007 PODILE, Appa Rao (b. 1960) PhD, FNA, FASc, FNAAS, FAMI, JC Bose National Fellow, Senior Professor & Former Vice Chancellor, University of Hyderabad, Hyderabad 500046; Tel. (040) 23134503(O), 09100655777, 09490749922(M); Email: podilerao@gmail.com; Sp. Molecular Plant Microbe Interactions/Microbial Biotechnology in Agriculture.

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2020 POLSHETTIWAR, Vivek (b. 1979) PhD, FRSC, FMASc, Professor, Department of Chemical Sciences, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai - 400005; Res. 108, Bhaskara, TIFR Colony, Navy Nagar, Colaba, Mumbai - 400005; Tel. (022) 22782792(O), 08452886656(M); Email: polshettiwar@gmail.com; vivekpol@tifr.res.in; Sp. Nanocatalysis/Climate Change/Solar Energy.

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1988 POWAR, Krishnapratap Bhagwantrao (b. 1937) PhD, Formerly Vice-Chancellor, Shivaji University, Kolhapur; Formerly Secretary General, Association of Indian Universities; Res. 15, Marvel Memories, Ramnagar Colony, Bavdhan, Pune - 411021; Tel. (020) 66768931(R), 09890668575(M); Email: kb_powar@yahoo.co.in, kbpowar@hotmail.com; kbpowar@gmail.com Sp. Petrology/Tectonics/ Environmental Geology.

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- PRASAD, Manoj (b. 1970) PhD,FNAAS,FNA,Staff Scientist-VII & JC Bose National Fellow, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, JNU Campus, New Delhi 110067; Res. H-VB-DI-003, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, JNU Campus, New Delhi-110067; Tel.(011) 26735160(O), 26735147(R); Fax: 26741658; Email: manoj_prasad@nipgr.ac.in; manoj_pds@yahoo.com; Sp. Plant Genetics & Genomics/Plant Molecular Biology/Biotic & Abiotic Stress Responses/Molecular Breedings.
- 1988 PRASAD, Om (b. 1937) D.Phil., Formerly Professor, Zoology Dept., Allahabad University, Prayagraj; Res. 79, Balrampur House, Prayagraj - 211002; Tel. (0532) 2642795(R); Sp. Neuroendocrinology/Mammalian Toxicology. Council: G.S. 93-96 F.S. Jan 97-July 97 Mem. 92
- 1976 PRASAD, Phoolan (b.1944) PhD,FNA,FASc, Formerly NASI Senior Scientist; Mathematics Department, Indian Institute of Science, Bangalore-560012; Res. 927-928, 7th Cross, HMT Layout, Mathikere P.O., Bangalore-560054; Tel. (080) 22932711, 23371039(R),09448461299(M); Fax:23600146; Email: phoolan. prasad@gmail.com; prasadp@alumni.iisc.ac.in; Sp. Partial Differential Equations/Fluid Dynamics/Nonlinear Waves.
- 1991 PRASAD, Rajendra (b. 1936) PhD(Mississippi State), FNA, FNAAS, Formerly ICAR National Professor and Adjunct Faculty, Division of Agronomy, Indian Agricultural Research Institute, New Delhi; Res. 6695 Meghan Rose Way, East Amherst, NY 14051, USA; Tel. 001-716-868-1540(M); Email: rajuma36@ gmail.com; Sp. Soil Fertility and Fertilizer Use/Cropping Systems/ Sustainable Agriculture Agronomy.

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- 2006 PRASAD, Rajendra (b. 1951) PhD, Formerly Professor & Head of Physics, IIT Kanpur; Res. D-402, Doon Trafalgar, Near IT Park, Dhoran Road, Dehradun – 248001; Email: rprasad@iitk.ac.in; Sp. Condensed Matter Physics.
- PRASAD, Rameshwar (b. 1936) D.Phil., D.Sc., FNACB(USA), FACS(USA), Professor of Pathology & Director of Graduate Studies, University of Illinois at Chicago, College of Medicine, 1819, West Polk St., Room 446, Chicago, IL 60612-7335, USA; Res. 190, Tecumseh, Bolingbrook, IL 60490-5565, USA; Tel. (312) 996-7182(O), (630) 378-4178; Fax: (312) 996-7586; Email: rprasad@uic.edu; Website: uic pathology; Sp. Chemical Pathology.
- PRASAD, Sheo Mohan (b. 1959) PhD, Professor, Ranjan Plant Physiology & Biochemistry Lab, Department of Botany, University of Allahabad, Prayagraj 211002; Res. Flat No. 304, Sonal Apartment, 36 AN Jha Marg, Block A, George Town, Prayagraj 211002; Tel. 09450609911, 08318012696(M); Email: profsmprasad@gmail.com; sheomohanp@yahoo.co.in; Sp. Physiology & Biochemistry of Plants & Cyanobacteria/Oxidative Stress/Role of Molecules in Cell Signaling.
- PRASAD, Surendra (b. 1948) PhD,FNA, FASc, FNAE, Former Professor of Electrical Engineering & Former Director, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016; Res. D2-203, Parsvnath Exotica, Golf Course Road, Sector 53, Gurgaon, Haryana 122011; Tel. (011) 26596201(O), 26582022, 26591801(R), 09810350517(M); Fax: 26582659; Email: sprasad@ee.iitd.ernet.in; Sp. Singal Processing & Communication.
- 1995 **PRASADA RAO, Palle Deva** (b. 1941) PhD, FNA, Formerly Professor & Head of Zoology, Nagpur University; INSA Senior Scientist, CSIR-NEERI, Nagpur; Res. C-4, Olive Apartments, 6/13 Brodipet, Guntur, AP 522002; Tel. 09423632159(M); Email: prasadraopd99@gmail.com; Sp. **Neuro-endocrinology/Neurobiology/Fisheries.**
- 2016 PRATAP, Rudra (b. 1964) PhD, FNAE, Vice-Chancellor, Plaksha University, IT City, Sector 101A, SAS Nagar, Mohali, Punjab 140306. Res. G-504 JLPL Falcon View, Sector 66A, Mohali, Punjab 160055. Tel: (0172) 4126409(O), 09141201213(M), Email: vc@plaksha.edu.in; Sp. MEMS and NEMS Sensors/Vibrations and Acoustics Mechanobiology.

2008 **PRAVEEN, Shelly** PhD, Principal Scientist, Plant Virology Unit, Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi - 110012; Res. B-36, Samrat Ashok Apartments, Sector-9, Rohini, Delhi; Tel. (011) 25843474(O), 27860026(R); Fax: 25846420; Email: shellypraveen@hotmail.com; shellypraveen@iari.res.in; Sp. **Biochemistry/Biotechnology/Molecular Plant Virology.**

PRIYADARSINI, Kavirayani Indira (b. 1959) PhD, FRSC, Former Head, Chemistry Division, BARC, Mumbai; UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai, Vidyanagari Campus, Santacruz (E), Mumbai - 400098; Res. E-803, Runwal Centre, Govandi Road, Deonar, Mumbai - 400088; Tel. 09869017209(M); Email: k.indira@cbs.ac.in; indirapriyadar sini08@gmail.com; Sp. Biophysical Chemistry/Free Radical Chemistry of Antioxidants/Radioprotectors/Anti-Cancer Drug Formulations.

2018 PUNNIYAMURTHY, Tharmalingam (b. 1964), PhD, FNA, FASc, FRSC, Dean of Faculty Affairs and Professor of Chemistry, Indian Institute of Technology Guwahati, Guwahati - 781039; Res. F-55, IIT Guwahati, Guwahati - 781039; Tel. (0361) 2582309(O), 2584309(R), 09435102462(M); Email : tpunni@iitg.ac.in; Sp. Synthetic Organic Chemistry.

PURI, Chander Parkash (b. 1947) PhD, FAMS, Pro Vice Chancellor, MGM Institute of Health Sciences, (Deemed University), Kamothe, Navi Mumbai – 410209; Former CEO, Yashraj Biotechnology Ltd., Navi Mumbai; Former Director, NIRRH, Mumbai; Res. Shreejee Heights, Flat No. 1003, B-Wing, Sector 46-A, Nerul, Navi Mumbai - 400706; Tel. (022) 27616678, 27686226(O), 09820214802(M); Fax. 27686087; Email: chander.puri@rediffmail.com; Website: www.mgmuhs. com; Sp. Reproductive Physiology.

PURI, Sunil Kumar (b. 1954) PhD, Chief Scientist G, Central Drug Research Institute, Lucknow - 226031; Res. A-703, Lorepur Residency Apartment, New Hyderabad, Lucknow - 226007; Tel. (0522) 2771940(O), 2781811(R), 09919566792(M); Fax : 2771941; Email : sk_puri@cdri.res.in; skpuricdri@yahoo.co.in; Sp. Parasitology/Malaria Drug Discovery.

PUROHIT, Aditya Narain (b. 1940) PhD, FNA, FNAAS, Formerly Vice-Chancellor, HNB Garhwal Univ.; Res. 'Almi Anchal", 181/1 Dobhalwala, Dehra Dun - 248001; Tel. (0135) 2713219, 09412058572(M); Email: adityapurohit19@gmail.com; Sp. Environmental Plant Physiology/Mountain Ecology/ Physiology of Medicinal Plants.

Award: SICO-National Academy of Sciences, India Award in Environmental Sciences (1992).

Council: Mem. 98

1996

PUSHPANGADAN, Palpu (b. 1944) PhD, FES, FNSE, FNAAS, FIAT, FISNS, FRSC (UK), Former Director General, Amity Institute for Herbal and Biotech Products Development; Res. 'Sreesailam', VRA 179, Mannamoola, Peroorkada PO, Trivandrum – 695005; Kerala; Tel. 09895066816, 09447678772 (M); Email: palpuprakulam@yahoo.co.in; aihpbd@gmail.com; Sp. Biodiversity/Biotechnology/Ethnopharmacology.

QADRI, Ayub (b. 1960) PhD, Staff Scientist, Hybridoma Laboratory, National Institute of Immunology, AAA Marg, JNU Campus, New Delhi - 110067; Res. L-4, National Institute of Immunology, AAA Marg, New Delhi - 110067; Tel. (011) 26703733(O), 26741158(R);Fax:26742125; Email:ayub@nii.ac.in; qadriayub@gmail.com; Sp. Immunology/Microbiology/ Biochemistry.

2010 RADHAKRISHNAN, Koppillil (b. 1949) PhD, DSc(hc), Hon.FIE, Hon.FIETE,FNAE,MIAA,FAPAS, FKAS, FISRS, FIGU, Formerly Secretary to the GOI, Department of Space; Chairman, Space Commission and Chairman, ISRO; Res. 3D, Atria Tower, Aquila Heights, HMT Factory Main Road, Jalahalli, Bengaluru - 560013; Tel. (080) 67179370(R), 09008882200(M); Email: radhakr272@gmail.com; k_radhakrishnan@isro.gov.in; Sp. Space Technology/Space Applications/Space Programme Management.

2012 RADHAKRISHNAN, Thavarool P. (b. 1960) PhD,FASc,FNA, Professor of Chemistry, School of Chemistry, University of Hyderabad, Hyderabad - 500046; Res. A-308, Aparna Cyber Commune, Nallagandla, Hyderabad - 500019; Tel. (040) 23134827(O), Email: tpr@uohyd.ac.in, Sp. Materials Chemistry.

2004 RAGHAVA, Gajendra Pal Singh (b. 1963) PhD, FASc, Professor, Indraprastha Institute of Information Technology (IIIT), Okhla Phase 3, Delhi – 110020; Res. 103, IIIT, Okhla Phase 3, Delhi – 110020; Tel. (0172) 26907444(O), 26907634(R); Fax: 26907410; Email: raghava@iiitd.ac.in; Sp. Bioinformatics.

2016 RAGHAVAN, Komaranapuram Navaneetham (b. 1964) PhD, FASc, Professor I, Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai - 600113; Res. New 14/Old 31 Arimuthu Achari Street, Triplicane, Chennai - 600005; Tel. (044) 22543264, 22543100(O), 28441505(R), 09445631505(M); Fax: 22541586; Email: knr@imsc.res.in; knr.imsc@gmail.com; Sp. Representation Theory of Groups and Algebras.

2013 RAGHAVAN, Sathees Chukkirumbal (b. 1970) PhD, FNA, FASc, Professor, Department of Biochemistry, Indian Institute of Science, Bangalore - 560012; Res. E25, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22932674(O), 09731017736(M); Email : sathees@iisc.ac.in; Sp. DNA Repair/Cancer Biology/Genomic Instability.

1996 RAGHAVENDRA, Agepati Srinivasa (b. 1950) PhD, FNA, FASc, FNAAS, FTWAS, Professor, Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad - 500046; Res. Flat No. M-1701, Aparna Sarovar, Nallagandla, Gachibowli, Hyderabad - 500046; Tel. (040) 29881003, 23134555(O), 48514460(R), 09849107190(M); Fax: 23010120; Email: asrsl@uohyd.ernet.in, as_raghavendra@yahoo.com; asrsls@gmail.com; Sp. Plant Biochemistry/Molecular Plant Physiology/Plant Molecular Biology.

Council: Mem. 2016-17

2015 RAGHUBANSHI, Akhilesh Singh (b. 1963) PhD, Professor, Institute of Environment & Sustainable Development, Banaras Hindu University, Varanasi - 221005; Res. N4/11 A-2B, Rajiv Nagar, Karaundi, Varanasi - 221005; Tel. (0542) 2575671(R), 09919240241(M); Email : raghubanshi@outlook.com; Sp. Integrative Ecology/Forest Ecology/Restoration Ecology.

2004 RAGHUBIR, Ram (b. 1950) MVSc, PhD, FIPS, FIANSc, Dy. Director & Head, Division of Pharmacology, Central Drug Research Institute, Chattar Manzil Palace, POB-173, Lucknow - 226001; Res. Sector 21/440, Indiranagar, Lucknow - 226001; Tel. (0522) 2625046(O), 2715377(R); Fax: 2623405; Email: raghubirrs@rediffmail.com; Sp. Neuropharmacology/Cardiovascular Pharmacology/Cerebral Stroke.

1989 RAGHUNATHAN, Madabusi Santanam (b. 1941) PhD, FNA, FASc, FTWAS, FRS, Distinguished Visiting Professor, MU-DAE Centre for Excellence in Basic Sciences, Mumba; Former Professor of Eminence, TIFR, Mumbai; Res. 503, Atlantis, Raheja Acropolis-1, Deonar Pada Road, Chembur, Mumbai - 400088; Tel. (022) 25504766(R), 09869013889(M); Email: madabusisr@gmail.com; Sp. Lie Groups & Algebraic Groups.

2014 RAHA, Sanghamitra (b. 1952) Dr.rer.Physiol.(Germany), Former Professor, Visva-Bharati & Saha Institute of Nuclear Physics; Res. PJR Countrywalk, Flat 101, 2975 Nayabad Road, Kolkata - 700094; Tel. 09903953472, 09830014393(M); Email: srr1987@gmail.com; Sp.Cell Biology/Signal Transduction.

2012 RAHA, Sibaji (b. 1954) PhD, Former Director, Bose Institute; Raja Ramanna Fellow (DAE), Bose Institute (Unified Academic Campus), EN-80, Sector – V, Salt Lake, Kolkata – 700091; Res. Apt. 101, PJR Countrywalk Apts., 2975, Buderhat Nayabad Road, Panchasayar, Kolkata – 700094; Tel. (033) 25693131(O), 09903953472, 09432649834, 09830150222(M); Fax : 25693127; Email : sibajiraha@gmail.com; sibaji.raha@jcbose. ac.in; Sp. High Energy Physics/ Astrophysics/ Atmospheric Physics.

Council : (As the nominee of the Secretary, DST, GOI) Mem. 2014-2020

2001 RAHMAN, Qamar (b. 1943) PhD, Emeritus Scientist, Industrial Toxicology Research Centre, Post Box 80, M.G. Marg, Lucknow- 226001; Res. 3, Gulzar Colony, Clyde Road, Lucknow - 226001; Tel. (0522) 2227586 Ext. 315(O), 2208245(R); Fax: 2228227; Email: qamar_15@sify.com; Sp. Pulmonary Diseases - Toxicology.

2022 RAICHUR, Ashok M. (b. 1966) PhD, FNAE, FRSC, Professor, Department of Materials Engineering, Indian Institute of Science, Bangalore - 560012; Res. T19-103, L&T Raintree Boulevard, Bellary Road, Bangalore - 560092; Tel. (080) 22933238(O), 09449063238(M); Email : amr@iisc.ac.in; ashok.raichur@gmail.com; Sp. Biomaterials/Drug Delivery/Tissue Engineering.

1994 RAINA, Soom Nath (b. 1943) PhD, Formerly NASI Senior Scientist, Amity Institute of Biotechnology, Amity University, Sector 125, Noida - 201303; Tel. 09818978323(M); Email: soomr@yahoo.com; Sp. Cellular & Molecular Cytogenetics/Molecular Biology.

2010 RAI, Ashwani Kumar (b. 1948) PhD, FNAAS, FBRSI, BHU Distinguished Professor, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. N1/65B-18, Shiva Prasad Gupt Colony, Samne Ghat Road, Nagwa, Varanasi - 221005; Tel. (0542) 2366514(R), 09540867006(M); Email : akrai.bhu@gmail.com; Sp. Physiology and Biochemistry of Cyanobacteria/Nitrogen Nutrition/Salt Stress and Adaptive Responses.

RAI, Karamjit S. (b. 1931) PhD, Professor Emeritus of Biological Sciences, University of Notre Dame, Notre Dame, Indiana, USA; Honorary Professor, School of Life Sciences, Guru Nanak Dev University, Amritsar; Res. 2 Jaswant Singh Rai Nagar, Salempur Musalmana, P.O. Randhawa Masandan, Jalandhar, Punjab; Tel. (0181) 2601367(R); Email: karamjitsrai@gmail. com; Sp. Genetics of Mosquitoes/Genome Evolution/Disease Control.

Council: Mem. 2001-02

1995 RAI, LaI Chand (b.1950) PhD, FNA, FNAAS, BHU Distinguished Professor, DAE Raja Ramanna Fellow & JC Bose National Fellow, Formerly Head & Coordinator, CAS in Botany, Institute of Science, BHU, Varanasi - 221005; Res. B30/40 27-28, Orthocity, Mani Niketan, Madhav Market, Lanka, Varanasi - 221005; Tel. (0542) 6701110(O), 2367520(R), 09415225821 (M); Fax:2368174; Email: Icrbhu15@gmail.com; Icrai@bhu.ac. in; Sp. Environmental Phycology/Cyanobacterial Proteomics and Genomics/Abiotic Stresses.

Council: V.P. 2019-20

Awards: Professor R.N. Tandon Memorial Lecture Award, NASI; Shri Ranjan Memorial Lecture Award, NASI

1973 RAI, Phulena (b. 1928) PhD, FISVM, FISAAP, Formerly Professor & Head, Veterinary Medicine, CSA University of Agriculture Science, Veterinary College, Mathura; Res. 18/453, Indira Nagar, Lucknow - 226016; Tel. (0522) 2347122(R); Sp. Veterinary Medicine/ Parasitology/Helmenthology.

2005 RAI, Shyam Sundar (b. 1954) PhD, FASc, FNA, DAE-Raja Ramanna Fellow and Emeritus Professor, Department of Earth and Climate Science, Indian Institute of Science Education & Research Pune, Dr. Homi Bhabha Road, Pashan, Pune - 411008; Tel. (020) 25908255(O), 09890322705(M); Fax: 25865315; Email: shyamsrai@iiserpune.ac.in; shyamsrai@

gmail.com; Sp. Geophysics, Seismology.

2008 RAI, Umesh (b.1959) PhD, Professor, Department of Zoology, University of Delhi, Delhi - 110007; Res. A-1, 29-31, Probyn Road, Chhatra Marg, University of Delhi, North Campus, Delhi - 110007; Tel. (011) 27666389(O), 09560266399(M); Email: rai_u@rediffmail.com; Sp. Immuno-endocrinology and Reproductive Physiology.

1992 RAJAGOPAL, Erode Subramanian (b. 1936) PhD, DSc(hc) FNA, FASc, Emeritus Scientist, Physics Department, Indian Institute of Science, Bangalore - 560 012; Formerly Director, N.P.L., New Delhi; Res. 100/1, XI Cross, 7th Main Corner, Malleswaram, Bangalore - 560 003; Tel. (080) 22932529(O), 23347449(R), 09880093745(M); Fax: 23602602, 23600683, 23600085; Email: esrgopal@iisc.ac.in; Sp. Condensed Matter Physics/Instrumentation.

Council: Mem. 94

1989 RAJAGURU, Sharad Narhar (b. 1933) PhD, Formerly Jt. Director and Professor of Geoarchaeology, Deccan College, Pune-411006; Res. 567, Narayan Peth, Kamal Sudha Apt., Pune -411 030; Tel. (020) 2445573(R), 09623559022(M); Email: gurukru_msr@rediffmail.com; Sp. Quaternary Geology/Prehistoric - Environment, particularly of W. India.

2007 RAJAM, Manchikatla Venkat (b. 1955) PhD, FNA, FNAAS, FTAS, Formerly Professor & UGC BSR Faculty Fellow, Department of Genetics, University of Delhi South Campus, Benito Juarez Road, New Delhi; Res. Flat No. B8, Ganesh Apartments, KLN Reddy Colony, Circuit House Road, Hanamkonda, Warangal – 506001; Telangana; Tel. 09818108515(M); Email: rajam.mv@gmail.com; Sp. RNAi/Plant Biotechnology/Genetic Engineering & Polyamine Biology.

2009 RAJAN, Balaji Sundar (b. 1958) PhD, FNA, FINAE, INAE Chair Professor, Department of Electrical Communication Engineering, Indian Institute of Science, Bangalore - 560012; Res. E-19, New Housing Colony, I.I.Sc. Bangalore Campus, Bangalore - 560012; Tel. (080) 22932254(O), 23602085(R), 09845988753(M); Fax: 23600563; Email: bsrajan@ece.iisc. ernet.in; bsrajanb@yahoo.com; Sp. Wireless Communication/Coding Theory/Communication Theory.

1990 **RAJARAM**, **Sanjaya** (b. 1943) PhD, Director, Wheat Program, CIMMYT, Apartado Postal 6-641, Mexico 06600DF, Mexcio; Tel. 52-55-58042004; Fax: 52-55-58042004; Email: s.rajaram @cgiar.org; Sp. **Plant Breeding.**

1990 RAJARAMAN, Vaidyeswaran (b. 1933) PhD, DSc(hc) FNA, FASc, FNAE, Hon. Professor, Supercomputer Education & Research Centre, Indian Institute of Science, Bangalore-560 012; Res. 140, 6th Main, 6th Cross Road, JRD Tata Nagar, Near Kodigehalli, Bangalore-560092; Tel.(080) 23600805, 23600811, 22932532(O), 23419672(R); Fax: 23600805; Email: rajaram@iisc.ac.in; rajaraman.v37@gmail.com; Sp.Computer Science.

1991 RAJASEKARAN, Guruswamy (b. 1936) PhD(Chicago), FNA, FASc, Professor Emeritus, Institute of Mathematical Sciences, Taramani, Chennai - 600113; Res. 20, XI, Cross Street, Indira Nagar, Chennai - 600020; Tel. (044) 22541856(O), 24413395(R); Fax: 22541586; Email: graj@imsc.res.in; Sp. Quantum Field Theory/High Energy Physics.

2005 RAJASEKHARAN, Ram (b. 1960) PhD, FNA, FASc, FNAAS, Director, CSIR-Central Food Technological Research Institute, Mysore - 570020; Tel. (0821) 2517760(O), 09483521260(M); Fax: 2516308; Email : director@cftri.com; ram@cftri.com; Sp. Lipid Metabolism.

2020 RAJE, Manoj (b. 1962) PhD, Chief Scientist & Professor, Academy of Scientific and Innovative Research, Institute of Microbial Technology, Sector 39A, Chandigarh - 160036; Res. #E2, IMTECH Housing, IMTECH, Sector 39A, Chandigarh-160036; Tel. (0172) 2880198(O), 2880502(R), 09872662267(M); Fax: 6665232; Email: manoj@imtech.res.in; Sp. Biophysics/Cell Biology/Infectious Diseases/High Resolution Imaging.

2016 RAJEEVAN, Madhavan Nair (b. 1961) PhD, FASc, FNA, Distinguished Scientist, National Centre for Earth Science Studies, MoES, Aakkulam, Thiruvananthapuram – 695011; Former Secretary, Gol, MoES; Tel. 08505902700(M); Email: madhavanrajeevan@gmail.com; rajeevan61@yahoo.co.in; Sp. Climate/Monsoons.

1997 RAJPUROHIT, Lal Singh (b.1960) PhD, FCEC(Germany), FIAES, Former Professor & Head, Department of Zoology, Faculty of Science, JNV University, Jodhpur; Res. 'PREMGANGA', C-43, Sarswatinagar, Basni-1st, Jodhpur - 342005; Tel. (0291) 2720147(R), 09414145247(M); Email: drlsrajpurohit@yahoo.in; Sp. Animal Behaviour (Primate in Particular), Ecology - Wildlife Conservation (Environmental Biology).

1996 **RAJWADE, Anant Ramchandra** (b. 1939) PhD(Cantab) Professor, CAStudy in Mathematics, Panjab University, Chandigarh-160014;Res. H.No. 138, Sector 8A, Chandigarh - 160009; Tel. (0172) 2548139(R);Sp. **Algebraic Theory of Numbers.**

2008 RAKA, Madhu (b.1953) PhD, Professor, NASI Senior Scientist, Department of Mathematics, Panjab University, Chandigarh - 160014; Res. House No.1040, Sector 15B, Chandigarh - 160015; Tel. (0172) 2534520(O), 4639677(R), 09872989234 (M); Email: mraka@pu.ac.in; Sp. Number Theory/Algebraic Coding Theory.

2023 RAKSHIT, Sujay (b. 1970) PhD,FNAAS, Director, ICAR-Indian Institute of Agricultural Biotechnology, Garkhatanga, Ranchi - 834003; Res. Flat No.402, Devsheela Kunj, North Office Para, Doranda, Ranchi - 834002; Tel. 09264448797, 09492430207(M); Email : s.rakshit@icar.gov.in; sujay.dmr@gmail.com; Sp. Genetics/Genomics Assisted Crop Improvement/Biotechnology.

2000 RAM, Ávadh (b. 1943) PhD (Canada), FAEG, FIGU, Formerly Vice-Chancellor, Mahatma Gandhi Kashi Vidyapith, Varanasi - 211002; Former Professor & Head of Geophysics and Dean of Students, Banaras Hindu University, Varanasi; Res. 1/110, Viram Khand, Gomti Nagar, Lucknow - 226010;Tel. (0522) 2396342(R), 09415290129(M); Email: profavadhram@yahoo. com, profavadhram@gmail.com; Sp. Geophysics (Exploration Geophysics, Seismology and Digital Data Processing).

2012 RAMACHANDRA, Reddy Attipalli (b. 1952) PhD, FAPAS, Vice Chancellor, Yogi Vemana University, Kadapa - 516005; Res. Apt # 1503, A-Block, Aparna Sarovar, Nallagandla, Hyderabad - 500046; Tel. (08562) 225411/400(O), (040) 67768566(R); Fax: 225423; Email: vc@yogivemanauniversity.ac.in; attipalli.reddy @gmail.com; Sp. Climate Change and Photosynthesis/Biofuels.

1987 RAMACHANDRAN, R. (b. 1940) PhD, FASc, Senior Professor & Formerly Director, The Institute of Mathematical Sciences, Taramani, Chennai-600113 and IIT Kanpur; Res. 44, Gopalpuram, IIT Co-op Hsng Society, Kanpur – 208016; Tel. 09422004597(M); Email: rr_1940@yahoo.co.in, rr@imsc.res.in; Sp. Particle Physics/Field Theory.

1989 RAMACHANDRAN, S. (b. 1934) PhD, Formerly Secretary, Govt. of India, Department of Biotechnology; Res. C-1/10 Lodi Gardens, New Delhi - 110003; Tel. (011) 2619887(R); Sp. Microbial Biochemistry.

2003 RAMACHANDRÁN, Vilayanur Subramanian, M.D., PhD, D.Sc.(h.c.), Professor, Neurosciences Programme & Dept.of Physiology, Director, Centre for Brain and Cognition, Univ.of California at San Diego; Adjunct Professor of Biology, Salk Institute, La Jolla, California;

2016 RAMAIAH, Danaboyina (b. 1958) PhD, FASc, FAPSc, FNESc, BK Birla & Sarala Birla Chair Professor, Former Director, CSIR-North East Institute of Science & Technology, Department of Chemistry, Birla Institute of Technology & Science Pilani, Hyderabad Campus, Medchal District, Hyderabad - 500078; Tel. (040) 66303745(O), 09435499986(M); Email: rama@neist. res.in; d.ramaiah@gmail.com; rama@hyderabad.bits-pilani. ac.in; Sp. Bio-Organic Chemistry/Bio-Physical Chemistry/Organic Photochemistry.

2021 RAMAKRISHNA, Subramaniam Anantha (b. 1972) PhD, FIETE, Director, CSIR-Central Scientific Instruments Organization, Sector 30C, Chandigarh-160030; Res. Director's Residence, CSIR-Central Scientific Instruments Organization, Sector 30C, Chandigarh-160030; Tel. (0172) 2657190(O), 2659114(R), 09651777666(M); Fax: 2657267; Email: director@csio.res.in; anantha@csio.res.in; sar@iitk.ac.in; Sp. Applied Physics/Optics (Classical and Quantum)/Micro, Nanostructured Materials.

1972 RAMAKRISHNAN, P.S. (b. 1936) PhD,FNA,FASc,FNAAS, FTWAS, INSA Hon. Scientist, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi - 110067; Res. I-21, South City Phase I, Gurgaon - 122001; Tel. (011) 26704326(O), (0124) 4085970(R), 09958514140(M); Fax: 26741262; Email: psr@mail.jnu.ac.in, krishnanpoonam@gmail.com; Sp. Ecology/ Sustainable Development.

Award: SICO-National Academy of Sciences, India Award in Environmental Sciences (1986).

1988 RAMAKRISHNAN, Tiruppattur V. (b. 1941) PhD(Columbia), FNA, FASc, FTWAS, FRS, Distinguished Associate, Department of Physics, Indian Institute of Science, Bangalore - 560012; Emeritus Professor, Department of Physics, Banaras Hindu University, Varanasi - 221005; Tel. (080) 23600228(O), 09448363379(M); Email: tvrama2002@yahoo.co.in; tvrama@iisc.ac. in; Sp. Condensed Matter Physics.

Award: Prof. MN Saha Mem.Lect.Award-Nat.Acad.Sci.India (2001).

1972 RAMAMOORTHY, Bharatula (b. 1913) DPhil, Emeritus Scientist; Res. DDA/MIG Flat No. 89-C, Rajouri Garden, New Delhi-110027; Tel.(011)2539857(R);Sp.Soil Chemistry/Soil Fertility.

2012 RAMAMRITHAM, Krithivasan (b. 1955) PhD, FACM, FIEEE, FASc. FNAE, Vijay & Sita Vashee Chair Professor, Computer Science & Engineering Department, Indian Institute of Technology Powai, Mumbai - 400076; Res. A-12, IIT Bombay, Powai, Mumbai - 400076; Tel. (022) 25767740(O), 25768740(R), 09820633683(M); Fax : 25720022, 25720290; Email: krithi@cse.iitb.ac.in; Sp. Database Systems/Real-time Systems/WWW.

1992 RAMÁMURTHI, Rallapalli (b. 1936) PhD, DSc, FNA, FNAAS, FES, INSA Honorary Scientist, Dept. of Fishery Science; Formerly Vice-Chancellor, SV University, Tirupati; Res. A-9, Vaikuntapuram, MR Palli, Tirupati - 517 502; Tel. (0877) 2241907(R), 09393988088, 09849488390(M); Fax: 2242079; Email : gauthama.rallapalli@gmail.com, rrallapallius@yahoo.com; Sp. Comparative Animal Physiology/Environmental Biology.

Council: Mem. 94-97, 2008-09

2007 RAMAMURTHY, Perumal, (b. 1959) PhD, Professor Emeritus, National Centre for Ultrafast Processes, University of Madras, Taramani Campus, Taramani, Chennai - 600113; Res. Flat No. 2F, Skypark Residences, Pallavaram Thoraipakkam Road, Chromepet, Chennai - 600044; Tel. (044) 24547190(O), 09840480266(M); Email : prm60@hotmail.com; Sp. Photosciences/Ultrafast Spectroscopy/Nanophotonics.

2023

RAMAMURTHY, Praveen Chandrashekarapura (b. 1973) PhD, Professor, Department of Materials Engineering, Chair, Interdisciplinary Centre for Water Research, Indian Institute of Science, Bengaluru - 560012; Res. Bg 7/1, Indian Institute of Science Campus, Bengaluru - 560012; Tel. (080) 22932627(O), 09916967200(M); Email: praveen@iisc.ac.in; Sp. Organic Electronics/ Sensors/Photovoltaics.

2006 RAMAMURTHY, Thandavarayan (b. 1953) PhD, FNA, FAAM, INSA Senior Scientist, ICMR-National Institute of Cholera and Enteric Diseases, P-33, CIT Road, Scheme XM, Beliaghata, Kolkata - 700010; Res. A-13, Cluster IX, Sector III, Purbachal Housing Estate, Salt Lake City, Kolkata-700097; Tel.(033) 23633374(O), 09432114945(M); Fax: 23632398; Email: rama1murthy@yahoo.com; Sp. Microbiology (Enteric Diseases).

1996 RAMAMURTHY, Valangiman Subramanian (b. 1942) PhD, FNA, FASc, FNAÉ, FTWAS, Emeritus Professor, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore - 560012; Formerly Director, NIAS, Bengaluru; Res. Apartment No. S1 (Second Floor), SLC Euphoria, Lottegollahalli, RMV 2nd Stage, Bangalore - 560094; Tel. (080) 22185127(O), 23515920(R), 09900002178(M); vsramamurthy@nias.res.in, vsramamurthy@gmail.com; Sp. Inter-disciplinary Approaches to Science, Technology and Society, Science & Technology Communication, Managing Public Perceptions and Public Acceptance of Public Risks Specific Reference to New and Emerging with Technologies.

2005 RAMAN, Rajiva (b. 1948) PhD,FNA,FASc, Distinguished Professor BHU, Department of Zoology, Banaras Hindu University, Varanasi - 221005; Res. 8, Mahamana Puri, Vill. Karaundi, Near ITI, PO Banaras Hindu University, Varanasi-221005; Tel. (0542) 2570967(R), 09336152694(M); Email: raman@bhu.ac. in, rajiva.raman@gmail.com; Sp. Developmental Genetics/Human Genetics.

1992 RAMANAN, Sundararaman (b. 1937) PhD,FNA, FASc, Adjunct Professor, Chennai Mathematical Institute; Formerly Distinguished Professor, School of Mathematics, TIFR, Mumbai; Res. 3, Kalanidhi, 28, 4th Main Road, R.A. Puram, Chennai-600028;Tel.(044) 22543376(O),24341169(R), 09444549919(M); Email: ramanan@imsc.res.in; sramanan@cmi.ac.in; Sp. Algebraic & Differential Geometry.

1998 RAMAÑATHAN, Krishna Venkatachala (b. 1950) PhD, Professor Emeritus (CSIR), NMR Research Centre, Indian Institute of Science, Bangalore - 560012; Res. No. 39, Anugraha, 6th Main Road, JRD Tata Nagar, Bangalore - 560092; Tel. (080) 22933299(O), 23413808(R), 09845927385(M); Fax: 23601550; Email: ramanathankv@iisc.ac.in; kvr.nmr@gmail.com; Sp. Nuclear Magnetic Resonance.

2009 RAMARAJ, Ramasamy (b. 1956) PhD, DSc(Japan) DSc(Madurai) FASc, FNA, Former Professor of Eminence & DAE Raja Ramanna Fellow, School of Chemistry, Madurai Kamaraj University, Madurai - 625021; Res. B4, Shanthi Sadhan, Melakkal Main Road, Kochadai, Madurai - 625016; Tel. 08903971420 (M); Email: ramarajr@yahoo.com; ramaraj.ram@gmail.com; Sp. Physical, Inorganic and Analytical Chemistry.

1989 RAMA RAO, Álla Venkata (b. 1935) PhD,DSc,FNA, FASc, FTWAS, Chairman & Mg. Director, AVRA Laboratories, AVRA House, Sai Enclave, Habshiguda, Hyderabad - 500007; Formerly Director, Indian Institute of Chemical Technology; Res. 7-102/54, Sai Enclave, Habshiguda, Hyderabad - 500007; Tel. (040) 27178568-9(O), 27173360(R), 09848135163(M); Fax: 27175605; Email: ramarao@avralab.com; Sp. Organic Synthesis/Natural Products/Medicinal Chemistry.

2006 RAMÁSAMI, Thirumalachari, (b. 1948) PhD, FNA, FÁSc, FTWAS, FNAE, Nayudamma Abdul Wahid Chair Professor, Centre for Academic Research and Excellence, Department of Leather Technology, AU, CSIR-Central Leather Research Institute, Adyar, Chennai – 600020; Formerly Secretary, DST, GOI; Res. B-5, Lake View Road, IIT Staff Quarters, Chennai – 600036; Tel. (044) 24437418(O), 09818228329(M); Email: samisrisailam @gmail.com; Sp. Inorganic Chemistry/ Chemical Dynamics/Leather Science.

1989 RAMASAMY, P. (b. 1943) PhD, Director, Crystal Growth Centre, Anna University, Chennai - 600 025; Res. II P4, Anna University Staff Quarters, Kottur, Chennai - 600 085; Tel. (044) 415323(O); Sp. Crystal Growth.

1990 RAMASWAMY, Mathagondapally Aswathaiengar (b. 1936) M.E., PhD(Cal.Tech.), Formerly Professor, Dept. of Aerospace Engineering, Indian Institute of Science, Bangalore; Res. 487, 14th Main, 5th Block, Koramangala, Bangalore-560 034; Tel. (080) 3341904(O), 5532354(R); Sp. Aerodynamics.

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2017 RAMASWAMY, Sriram Rajagopal (b. 1957) PhD, DSc(hc), FRS, FNA, FASc, Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. 2063,Prestige Wellington Park, Jalahalli East, Bangalore - 560013; Tel. (080) 23602698, 22933283(O), 23089166(R), 09845626393(M); Fax: 23602602; Email: sriram@iisc.ac.in; ramaswamy.sriram@gmail.com; Sp. Soft-matter/Nonequilibrium/Biological Physics.

RANA, Rai Singh (b. 1936) Assoc.IARI, PhD, Chairman, Bio-links; Member, National Biodiversity Authority, India; Member, Compliance Committee, Biosafety Protocol, CBD-UNEP; Formerly Professor of Eminence & Director, National Bureau of Plant Genetic Resources, New Delhi and Vice Chair, FAO Commission on Genetic Resources for Food & Agriculture; Res. D-43, Indraprastha Apts., Sector 14, Rohini, New Delhi-110085; Tel. (011) 27860123(R), 09899232409(M); Fax: 27345935; Email: rairana@vsnl.net; Sp. Genetics/Genetic Resources Management/Biodiversity Conservation.

2017 RANGAN, Latha (b. 1973) PhD, FBRS, Senior Professor, Department of Biosciences & Bioengineering, Indian Institute of Technology Guwahati - 781039; Res. F-25, Indian Institute of Technology, Guwahati - 781039; Tel. (0361) 2582214(O), 2583203(Lab), 2584214(R), 09435016913(M); Fax:2582249; Email : Irangan@iitg.ac.in; latha_rangan@yahoo.com; Sp. Plant Biotechnology/Medicinal Chemistry/Genome Mining. Council : Mem. 2023-

1995

RANGANATH, Gobbalipur Shamanna (b.1944) PhD, FASc, Former Visiting Professor, Centre for Soft Matter Research, Bangalore; Res. 422, 'Chitta', 10th Cross, 8th Main, Padmanabhanagar, Bangalore - 560070; Tel. (080) 26692616(R); Email: gs.ranganath@gmail.com; Sp. Liquid Crystals/Optics.

2005 RANGANATH, Hassan Annegowda (b. 1948) PhD, FASc, FNA, Visiting Professor, Centre for Human Genetics, Biotech Park, Electronic City Phase 1, Bangalore - 560100; Chairman, Board of Governors, IIIT Kurnool; Distinguished Professor for Life, University of Mysore; Formerly Director, NAAC; Vice Chancellor, Bangalore University; Res. 308, Wise Residency, Near Chowdeshwariamma Temple/Golden Rays Apt, Devarachikkanahalli Main, Bommanahalli, Bangalore - 560076; Tel 09902300909(M); Email : haranganath@gmail.com; Sp. Zoology/Genetics/Evolution.

RANGANATHAN, Srinivasa (b. 1941) BE, PhD(Cantab), FNA, FASc, FNAE, FTWAS, Formerly NASI Senior Scientist & Visiting Professor, School of Humanities, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore-560012; Res. DQ12, I.I.Sc. Campus, Bangalore-560012; Tel. (080) 22185073(O), 23518521(R), 09880397490 (M); Fax: 22185028; Email: rangu@materials.iisc.ernet.in; rangu1941@gmail.com; Sp. Materials Science/Engineering/History of Mining, Minerals, Metals and Materials.

2006 RANGAPPA, Kanchugarakoppal S. (b. 1955) PhD,DSc,FRSC, FBRS, FTWAS, Distinguished Professor, CSIR Emeritus Scientist, Institution of Excellence, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore - 570006; Res. No.227/9, Bogadi II Stage, Mysore - 570026; Tel. 09945469955(M); Fax: 2419363; Email: rangappaks@yahoo.com, rangappaks@gmail.com, rangappaks@ioe.uni-mysore.ac.in; Sp. Bioorganic and Medicinal Chemistry/Chemical Biology.

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2002 RANGARAJAN, Govindan (b.1963) PhD,FASc,Professor & Director, Indian Institute of Science, Bangalore-560012; Res. Apt.201, Parijatha Apts., 46, 10th Main Road, Malleswaram, Bangalore - 560055; Tel. (080) 23600690, 229322222(0), 23344736(R); Fax: 23600936; Email: rangaraj@iisc.ac.in; govindan.rangarajan@gmail.com; Sp. Nonlinear Dynamics/Time Series Analysis.

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Council: Mem. 2010-2011; F.S. 2019-20

1986 RANGASWAMY, Nanjangud Sreekantaiah (b. 1932) PhD, FNA, FASc, Formerly Professor of Botany, University of Delhi; Res. Apartment No. 241, III Floor, Block B2, Kendriya Vihar, Bellary Road, Yelahanka, Bengaluru - 560064; Tel. (080) 28461171(R), 09632310700, 09871182002(M); Email: rlmc68@yahoo.co.in; Sp. Reproductive Biology of Seed Plants/Plant Tissue Culture & Biotechnology.

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1995 RANJEKAR, Prabhakar Kamalakar (b.1941) PhD, Director, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune - 411043; Res. B-11, 4th Lane, Abhimanashree Housing Society, Pashan Road, Pune - 411008; Tel. (020) 24366929/31(O), 2351957(R); Fax: 24366931; Email: prabhakar.ranjekar@bharatividyapeeth.edu; Sp. Biochemistry/Plant Molecular Biology.

2000 RAO, Addicam Jagannadha (b. 1942) PhD, FNA, FASc, FAMS, INSA Emeritus Scientist, Department of Biochemistry, Indian Institute of Science, Bangalore-560012; Res. 247, 1st Cross, 3rd Main, Hanumanthanagar, Bangalore-560019; Tel. (080) 22932308(O), 26507124(R); Fax: 23600814; Email: ajrao@alumni.iisc.ac.in; ajrao2006@gmail.com; Website: www.iisc. ac.in; Sp. Regulation of endocrine function of placenta in primates/Role of trophic hormones in differentiation of endocrine tissues/Role of estrogen in regulation of epididymal function.

2002 RAO, Basuthkar Jagadeeshwar (b.1956) PhD, FNA, FASc, JC Bose Fellow, Vice-Chancellor, University of Hyderabad, DR CR Rao Road, Gachibowli, Hyderabad – 500046; Tel. (040) 23010121, 23132000(O), 09004588909(M); Email: vc@uohyd. ac.in; bjrao@uohyd.ac.in; bjrao@tifr.res.in; Sp. Genome Repair/Recombination/Protein-DNA Interaction/Biology of Cellular Adaptations/Computational Biology.

1988 RAO, Calyampudi Radhakrishna (b. 1920) PhD, ScD, DSc(hc), FNA, FASc, FRS, FTWAS, Fellow, US National Academy of Sciences, Honorary Professor, CRRAO AIMSCS, Hyderabad; Research Professor, University at Buffalo, 29, Old Orchard Street, Williamsville, NY 14221, USA; Tel. (040) 23013118, 64631799(O), 09397806860(M); Email: crr1@psu.edu; Sp. Statistics/Matrix Algebra.

2011 RAO, Chebrolu Pulla (b. 1954) PhD, FNA, FASc, FAPAS, JC Bose National Fellow, Department of Chemistry, Indian Institute of Technology Tirupati, Settipalli Post, Tirupati - 517506; Res. 402, Cauvery Building, Srihari Nilayam Complex, Varsha Vishwanath Nagar, Tiruchanoor, Tirupati - 517503; Tel. (0877) 2503036(O), 09969022554(M); Fax: 2503004; Email: cprao@iittp.ac.in; cpraoiitb@gmail.com; Sp. Inorganic Chemistry/Bioinorganic, Supramolecular, Chemo Sensors and Nanobiomaterials.

2003 RAO, Chilakalapudi Durga (b. 1950) PhD, Professor & Dean, School of Liberal Arts and Basic Sciences (SLABS), Department of Biology, SRM University, AP, Mangalagiri Mandal, Guntur Dist., Neerukonda, Amaravati-522502, AP, Res. DQ1, Faculty Quarters, Indian Institute of Science, Bangalore-560012; Tel. 08023607945, 09880882052(M); Email: cdrmcb@gmail.com; dean.slabs@srmap.edu.in; durgarao.c@srmap.edu.in; Sp. Molecular Virology/Molecular Biology/Cell Biology, Biotechnology.

1974 RAO, Chintamani Nagesa Ramachandra (b. 1934) PhD (Purdue), DSc(Mysore),DSc(hc),ScD(hc),Dr.Engg.(hc), LLD(hc), DLitt(hc), FNA, FASc, FRS, FRS(C), Hon FRSC, Hon. F Inst. P., FTWAS, Bharat Ratna, Linus Pauling Research Professor & Director, International Centre for Materials Science (ICMS), Jawaharlal Nehru Centre for Advanced Scientific Research; Res. JNC President's House, Indian Institute of Science Campus, Bangalore - 560012; Tel.(080) 23653075, 22082761(O), 23601410(R); Email: cnrrao@jncasr.ac.in; Sp. Chemistry of Materials.

Award : Prof. N.R. Dhar Memorial Lecture Award -Nat.Acad.Sci.India (1991).

1996 RAO, D. Narayana (b. 1948) PhD, Director (Research), SRM University, Kattankulathur – 603203; Former Director, NARI, Tirupati; Email: profdnrao2001@yahoo.com; narayanarao.d@srmuniv.ac.in; Sp. Atmospheric Science/Space Physics/Electronics.

2003 RAO, Desirazu Narasimha (b. 1954) PhD, FNA, FASc, Professor, Department of Biochemistry, Indian Institute of Science, Bangalore- 560012; Res. 35/2, Ist Floor, 4th Cross, R.M.V. Extn., Bangalore - 560080; Tel. (080) 22932538, 22932478(O), 23611677, 22933009(R); Fax: 23600683, 23600814; Email: dnrao@biochem.iisc.ernet.in; Sp. DNA-Protein Interactions.

2005 RAO, Gullapalli Nageswara (b. 1945) MD, DSc, FASc, FAMS, FRSC, Distinguished Chair of Eye Health, LV Prasad Eye Institute, L.V.Prasad Marg, Banjara Hills, Hyderabad - 500034; Tel. (040) 30612609, 65510365(O), 65411288(R); Fax: 23548271; Email: gnrao@lvpei.org; Sp. Ophthalmology/ Health Planning & Policy.

2015 RAO, Indumati (b. 1937) MA, MS(Edn), DLitt, Honorary Coordinator, Multimedia Group, Education Technology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore - 560064; Res. C/o Prof. CNR Rao, President's House, JNCASR, Indian Institute of Science Campus, Bangalore - 560012; Tel. (080) 22082772(O), 23601410, 22932585(R); Email: indumatirao@jncasr.ac.in; Sp. Geography/Multimedia.

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1994 RAO, Kanury Venkata Subba (b. 1958) PhD, FNA, FASc, Head, DDRC & National Chair, Translational Health Science and Technology Institute, NCR Biotech Science Cluster, Faridabad - 121001; Res. E-2226, Palam Vihar, Distt. Gurgaon - 122017; Tel. (0129) 2876449(O), (0124) 4070474(R), 09810627255(M); Email : kanury@icgeb.res.in; kanury@thsti.res.in; Sp. Immunology/Peptide Synthesis.

Council: Mem. 2014-15

1992 RAO, M. R. Satyanarayana (b. 1948) PhD, FNA, FASc, FAMS, FTWAS, Honorary Professor, SERB-Year of Science Chair Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore - 560064; Res. 527, 9th Cross, Tatanagar, Kodigehalli, Bangalore - 560092; Tel. (080) 22082864, 22082754(O), 23519131(R); Fax : 22082758, 22082766; Email: mrsrao@jncasr.ac.in; Sp. Molecular Biology & Cell Biology/Genomics & Human Molecular Genetics.

2023 RAO, Nittala Venkata Chalapathi (b. 1969) PhD,FASc,FNA, Professor, Department of Geology, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. B-8, Heritage Housing Apts., Ganga Pradushan Road, Bhagwanpur, Varanasi-221005; Tel. 09935647365(M); Email: nvcrao@bhu.ac.in; nvcr100@gmail.com; Sp. Mineralogy/ Igneous

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Physical & Mechanical Metallurgy: Alloy Development.

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2010 RAO, Paruchuri Gangadhar (b. 1950) PhD, FIAFoST, FIE, FIIChE, Advisor, NIPER, Guwahati; Former Director, CSIR-North East Institute of Science & Technology, Jorhat; and Former Vice Chancellor, USTM, Meghalaya; Res. Flat C-212, May Flower Heights, Opp: NOMA Function Hall, Mallapur, Hyderabad – 500076; Tel. 09435052702, 09866950077(M); Email : pgrao42@hotmail. com; hpcustm@gmail.com; Sp. Science & Society/ Engineering Sciences.

Council: Mem. 2012-13

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2010 RAO RAMGOPAL, Valipe (b. 1965) PhD, FIEEE, FTWAS, FASc, FNA, FNAE, FIETE, Pillay Chair Professor & Former Director, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016; Res. 12 West Avenue, IIT Delhi, Hauz Khas, New Delhi - 110016; Tel. (011) 26597367(O), 09869034490(M); Email: rrao@iitd.ac.in; Sp. Nanoelectronics/Sensors/Microelectronics.

Council: Mem. 2019-20

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2018 RAO, Taduri Srinivasa Siva Rama K. (b. 1954), PhD, FASc, Professor (HAG) & Head, Indian Statistical Institute, RV College Post, Bangalore - 560059; Res. #93 Ist Main, CHBS 3rd Layout, Bangalore - 560040; Tel. (080) 26985301(O), 23399019(R), 07406910270(M); Email: tss@isibang.ac.in; Sp. Functional Analysis/Geometry of Banach Spaces/Approxination Theory.

1999 RASTOGI, Anil Kumar (b. 1943) PhD, Formerly Scientist 'G' & Head, Division of Biochemistry, Central Drug Research Institute, Chattar Manzil Palace, Lucknow - 226001; Res. 223/153, Rastogi Tola, Raja Bazar, Lucknow - 226003; Tel. (0522) 4234316(R), 09415087160, 09235183086(M); Email: rastogiak@rediffmail.com, rastogi.anilk@gmail.com Sp. Biochemistry of Parasitic Infection/Metabolic Disorders.

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Council: Mem. 85-89

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- 2019 RAVI, Bina (b. 1952) MS, FRCS(Eng), FRCS(Ireland), FRCS (Glasgow), FICS, FACS, Senior Professor in Surgery & Chairperson, Integrated Breast Care Center, Department of Surgery, 4th Floor, All India Institute of Medical Sciences Rishikesh, UK; Res. VIP Guest House, AllMS Rishikesh 249203, UK; Tel. 09868218537(M); Email: binaravi@gmail.com; Sp. Surgery Breast Cancer/Non-Cancerous Breast Diseases.
- 2018 RAVIKANTH, Mangalampalli (b. 1966), PhD, FASc, Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. B-271, Nilgiri Apartments, IIT Bombay Campus, Powai, Mumbai 400076; Tel. (022) 25767176(O), 25768176(R), 09819084270(M); Fax: 25723480; Email: ravikanth@chem.iitb.ac.in; Sp. Inorganic Chemistry/Supramolecular Chemistry.
- 1998 **RAVINDRANATH, Vijayalakshmi** (b. 1953) PhD, FASc, FNA, FTWAS, FAMS, Founder Director, Center for Brain Research & NBRC; Res. Apartment 301, Vaishnavi Spring, 49/5 Ranga Rao Road, Shankara Puram, Bangalore 560004; Tel. 09008885529(M); Email: viji@iisc.ac.in; viji.ravindranath@ gmail.com; Sp. **Neuroscience.**
 - Council: F.S. 2005-06 Mem. 2002-04, 2007-08, 2022-23
- 1997 RAVISHANKAR, Gokare Aswathanarayana (b.1954) PhD, FIAFoST (Canada), FIFT(USA), FNAAS, Vice President, R&D (Life Sciences), Professor of Biotechnology, Dayananda Sagar Institutions, 5th Floor, Dr. C.D. Sagar Center for Life Sciences, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore 560078; Tel. (080) 42161747(O), 09448086775(M); Fax: 42161747; Email: rgokare@yahoo.co.in; Sp. Plant Biotechnology/Secondary Metabolites/Food Biotechnology.

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- 2004 RAWAT, Gopal Singh (b. 1959) PhD, DSc, Former Dean, Faculty of Wildlife Sciences, Wildlife Institute of India, Dehra Dun; Res. 14, Doon Officers' Enclave, Chandrabani, P.O. Mohabbewala, Dehra Dun-248001; Tel. 09690253814(M); Email: gsrawat59@gmail.com; rawatg@wii.gov.in; Sp. Plant Taxonomy/Natural Resource Ecology & Conservation.
- 2012 RAY, Kunal (b. 1952) PhD, Professor, Ramakrishna Mission Vivekananda Educational Research Institute, Narendrapur, Kolkata 700103; Res. G9, New Garia Housing Co-operative Society, P.O. Panchasayar, Kolkata 700094; Tel. 09811874348, 09433090088(M); Email: kunalray@gmail.com; Sp. Molecular Basis of Human Genetic Diseases.
- 2023 RAY, Manas Chandra (b. 1963) PhD,FNAE, Professor (HAG), Mechanical Engineering Dept., IIT Kharagpur, Kharagpur 721302; Res. Flat A-151, IIT Kharagapur, Kharagpur 721302; Tel. (03222) 282984(O), 09932825554, 0015406050739(M); Email: mcray@mech.iitkgp.ac.in; Sp. Smart Composite Structures/Micromechanics and Nanomechanics/ Strain Gradient Elasticity.
- 2017 RAY, Samit Kumar (b. 1961) PhD,FNAE,FWAST, Chair Professor, Department of Physics, IIT Kharagpur, Kharagpur 721302; Res. RH-II, 12F, Sunrise Symphony, Newtown, Action Area-II(B), Kolkata 700157; Tel. (03222) 283838(O), 09434020348(M); Email : physkr@phy.iitkgp.ac.in; physkr@gmail.com; Sp. Device Physics/Semiconductor Nano-structures/Quantum Photonics.
- 2006 RAY, Subrata (b. 1947) PhD, Visiting Distinguished Professor, School of Engineering, IIT, Mandi; Res. A-3, Rupantar, 15A, DPP Road, Naktala, Kolkata 700047; Tel. (033) 24217704; 09897645575(M); Email: surayfmt@gmail.com; Sp. Materials Development including Cast Metal Matrix Composites/Nanocomposites and Energy Materials.
- 2000 RAY, Sumit Kumar (b. 1945) PhD, FWAST, Former Deputy Director General, Geological Survey of India, Kolkata; Res. FE-139 Salt Lake, Sector 3, Kolkata 700106; Tel. (033) 23343389(R), 09432495128(M); Email: skray45@yahoo.co.in; sumitkumarray@hotmail.com; Sp. Structural Geology & Tectonics, Ore Geology.
- 1994 RAY, Suprabhat (b. 1942) PhD, Formerly Sr Dy Director (Scientist G) & Head, Medicinal Chemistry and Chemical Technology Division, Central Drug Research Institute, Lucknow; Res. Mohini, 16/3 Kha, Sarojini Naidu Marg, Behind Masonic Lodge, Lucknow 226 001; Tel. (0522) 2238558(R), 09335626703 (M); Email: suprabhatray@yahoo.co.in; Sp. Medicinal Chemistry/Development of Fertility Regulating Agents.

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2003 **RAYCHAUDHURI, Amitava** (b. 1952) PhD, DSc(hc), FNA, FASc, 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; Res. Flat No. 10/6, Block C, Green Tower, Golf Green, Kolkata - 700095; Tel. (033) 24737519(R), 09831243624 (M); Email: amitavaraychaudhuri @yahoo.com; Sp. **Particle Physics.**

Council: V.P. 2009-10

2000 RAYCHAUDHURI, Arup Kumar (b. 1952) PhD, FNA, FASc, FAPAM, SERB Distinguished Fellow, CSIR-CGCRI, Kolkata - 700032; Formerly Professor of Physics, IISC and Director, NPL & SN Bose National Centre for Basic Sciences; Res. SV-1, P-347 Lake Town, Block A, Kolkata - 700089; Email: arupraychaudhuri4217@gmail.com; Sp. Solid State Physics/Experimental Physics/R&D Management.

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2017 RAYCHAUDHURY, Somak (b. 1962) PhD, FRAS, Director, Inter-University Centre for Astronomy & Astrophysics, Ganeshkhind, Pune - 411007; Res. Akashganga 1, IUCAA, SP Pune University Campus, Ganeshkhind, Pune - 411007; Tel. (020) 25604100(O), 09168781888(M); Fax : 25604699; Email : somak@iucaa.in; somak.iucaa@gmail.com; Sp. Astronomy/ Astrophysics/Cosmology.

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2012 **REDDY, Benjaram Mahipal** (b. 1957) PhD, FNAE, FRSC, FTASc, FAPASc, Senior Professor Emeritus, Department of Chemistry, Birla Institute of Technology & Science (BITS) Pilani, Hyderabad Campus, Hyderabad – 500078; Res. H.No.1-216/109, Kartikeyanagar, Nacharam, Hyderabad - 500076; Tel. (040) 66303794(O), 29800676(R), 09866004262(M); Email: bmreddy.iict@gmail.com; dr_bmreddy@yahoo.com; Sp. **Catalysis/Green Chemistry/Nano-materials.**

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2009 RINDANI, Saurabh Dilsukhray (b. 1952) PhD, FNA, FASc, INSA Senior Scientist, Theoretical Physics Division, Physical Research Laboratory, Navrangpura, Ahmedabad - 380009; Res. M404, Garden Resideny, 3, South Bopal Road, Bopal, Ahmedabad - 380058; Tel. 09427018152 (M); Fax: (079) 26314900; Email: sdrindani@gmail.com; Sp.Particle Physics.

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2009 ROYCHOUDHURY, Susanta (b. 1955) PhD, FNA, FASc, Head, Department of Basic & Translational Research, Saroj Gupta Cancer Centre and Research Institute, MG Road, Thakurpukur, Kolkata - 700063; Res. HB-47, Sector III, Salt Lake, Kolkata - 700106; Tel. (033) 23581528(R); Email: susantarc@gmail.com; Sp. Human Genetics/Cancer Genomics/Cancer Cell Biology.

2001 ROY, Amit (b. 1948) PhD, Former Director, IUAC, New Delhi; Res. Flat 1A, Xenon Cooperative Housing Society, J 383 BP Township, Kolkata - 700094; Tel. (033) 24624439(R), 08017890915(M); Email: amitroy1948@gmail.com; Sp. Nuclear Physics /Acceleration Physics.

Council: V.P. 2023- Mem. 2012-13

2011 ROY, Bimal Kumar (b. 1959) PhD, Professor, Applied Statistics Unit & Head, RC Bose Centre for Cryptology & Security, Indian Statistical Institute, 203 Barrackpore, Trunk Road, Kolkata – 700108; Res. T7/F12/1, Eastern High, New Town, Kolkata – 700156; Tel. (33) 25752809(O), 09748999946(M); Email: bimal@isical.ac.in; bimalroy.isi@gmail.com; Sp. Cryptology/ Combinatorics/Statistics.

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2013 ROY, Parimal (b. 1961) PhD, FNAAS, Former Director, ICAR-NIVEDI, Bengaluru; Res. Jamals Greenery, 119 Arcot Road, Valasaravakkam, Chennai – 600087; Tel. 09884472767(M); Email : parimalroy580@gmail.com; Sp. Veterinary Microbiology/Animal Health.

- 2002 ROY, Parth Sarathi (b.1952) PhD,FNAAS, FISRS, FNIE, Senior Fellow WRI India; NASI Senior Scientist; Res. B 504 Aparna Sarovar, Nallagandala, Hyderabad 500046; Tel. (040) 67768619(R), 09000971952(M); Email: psroy13@gmail.com; parth.roy@wri.org;Sp.Remote Sensing/Geoinformatics/Earth Observation.
- 2009 ROY, Prasun Kumar (b. 1957) MBBS, PhD, Professor, Laboratory on Neuroscience, Cognition & Brain Imaging, Department of Life Sciences, Shiv Nadar University, Greater Noida 201314; Tel. 09910831172(M); Email : prasun.roy@snu.edu.in, prasunkumarroy@gmail.com; Sp. Neuroimaging/ Computational Neuroscience/Clinical Neuroscience.

Council: Mem. 2021-22

- 2001 ROY, Probir (b. 1942) PhD, FNA, FASc, FAPS, Guest Scientist, Centre for Astroparticle Physics and Space Science, Bose Institute, Kolkata 700091; Res. CK 147, Sector 2, Bidhannagar, Kolkata 700091; Tel. (033) 46046628(R), 09432597896(M); Fax:25693127; Email: probirrana@gmail.com; probir.roy@saha.ac.in; Sp. Particle Physics: Field Theory & Phenomenology/ Astroparticle Physics.
- 2001 ROY, Raja (b. 1959) PhD, Scientist, NMR Laboratory, Division of RSIC, Central Drug Research Institute, Chattar Manzil, Lucknow 226001; Res. 124, Faizabad Road, Babuganj, Lucknow 226020; Tel. (0522) 2212411-18 Pabx Ext. 4400(O), 2787581(R); Fax: 2223405, 2223938; Email: rajaroy_cdri@yahoo.com; Sp. Nuclear Magnetic Resonance.
- 2014 ROY, Rahul (b. 1959) PhD, FASc, Professor, Theoretical Statistics & Mathematics Unit, Indian Statistical Institute, 7 SJS Sansanwal Marg, New Delhi 110016; Res. A-7, Indian Statistical Institute, 7, SJS Sansanwal Marg, New Delhi 110016; Tel. (011) 41493905(O), 26964112(R), 09868929236 (M); Fax: 41493981; Email: rahul@isid.ac.in; Sp. Probability Theory.
- 2001 ROY, Rajendra P. (b. 1962) PhD, FNA, FASc, Dean, Regional Centre for Biotechnology, NCR Biotech Science Cluster, Faridabad Gurugram Expressway, Faridabad 121001, Haryana; Res. 603 RCB Faculty Housing, NCR Biotech Science Cluster, Faridabad Gurugram Expressway, Faridabad 121001, Haryana; Tel. (0129) 2848903(O), 09810577789(M); Email: rproy@rcb.res.in; Sp. Protein Chemistry/Chemical Biology.
- 2018 ROY, Satyajit (b. 1963), PhD, Professor, Department of Mathematics, Indian Institute of Technology Madras, Chennai 600036; Res. Q.No. B27-2C, Delhi Avenue, IIT Madras Campus, Chennai 600036; Tel. (044) 22574617(O), 22576617(R), 09444636946(M); Fax: 22574602; Email: sjroy@iitm.ac.in; Sp. Convective Heat and Mass Transfer.

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- 2014 ROY, Sib Sankar (b. 1967) PhD, Principal Scientist, Cell Biology & Physiology Division, CSIR-Indian Institute of Chemical Biology, 4 Raja SC Mullick Road, Kolkata 700032; Res. Flat 3G, Block-3, Dakhineer Complex, 116, NSC Bose Road, Kolkata 700040; Tel. (033) 24995858(O), 24812780(R), 09433414568 (M); Fax: 24735197; Email: sibsankar@iicb.res.in; Sp. Cancer Biology/Insulin Resistance/Metabolic Disorders.
- 1988 ROY, Subimal (b. 1933) M.D., PhD, FNAMS, Formerly Professor & Head of Pathology, AllMS; Sr. Consultant, Dept. of Pathology, Sri Ganga Ram Hospital, Rajender Nagar, New Delhi 110060; Res. 58, Charak Sadan, Vikaspuri, New Delhi 110018; Tel. (011) 28530308(R), 09810245178(M); Email: subimalroy@hotmail.com; Sp. Histopathology/Neuropathology.
- 2016 ROY, Sukhdev (b. 1966) PhD, FNAE, FIETE, DFOSI, FSPIE, Professor & Head, Department of Physics & Computer Science, Dayalbagh Educational Institute, Agra 282005; Res. 3/119, Prem Nagar, Dayalbagh, Agra 282005; Tel. (0562) 2801545(O), 09997592600(M); Fax : 2801226; Email: sukhdevroy@gmail.com; sukhdevroy@dei.ac.in; Sp. Nano-Bio-Neuro-Photonics/Ultrafast Optical Information Processing.
- 2010 ROY, Syamal (b. 1954) PhD, FNA, FASc, JC Bose National Fellow, ICMR Emeritus Scientist, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata 700032; Former Vice-Chancellor, CBPB University, Coochbehar (WB); Res. 199, Jodhpur Park, Kolkata 700068; Tel. (033) 24995731/5700(O), 09874532967 (M); Fax: 24735197; Email: drsyamalroy@yahoo.com; Sp. Immunology/Parasitology.
- SA, Gaurisankar (b. 1960) PhD, FNA(Sg), FAScT, NASI Senior Scientist, Former Professor & Chairman, Division of Molecular Medicine, Bose Institute, P1/12, CIT Scheme VII M, Kolkata 700054; Res. 6F, Ballygunge Station Road, Kolkata 700019; Tel. (033) 25693258(O), 24423438(R), 09830017107(M); Fax: 23553886; Email: gauri@jcbose.ac.in; gaurisankarsa@yahoo.com; Sp. Cancer Biology/Tumor Immunology/Development of Immunotherapy/Drug development/DNA Vaccine/Genomic of Cancer, Biochemistry.
- 2015 SACHDEVA, Geetanjali (b. 1967) PhD, Director, ICMR-National Institute for Research in Reproductive and Child Health, JM Street, Parel, Mumbai 400012; Res. D-4 International Hostel cum Staff Qtrs., NIRRH, ICMR, 25-A, Dr. RG Thadani Marg, Worli, Mumbai; Tel. (022) 24192007/2008(O), 09769680147(M); Fax : 24139412; Email : sachdevag@nirrh.res.in; geetanjali_sachdeva@yahoo.com; Sp. Reproductive Biology/ Steroid Signalling.

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Council: 2006-07, 2012-13

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- 2011 SAHA, Bhaskar (b. 1964) PhD, FASc, Scientist G, National Centre for Cell Science, Ganeshkhind, Pune 411007; Tel. (020) 25708138(O), 09422319945(M); Email : sahab@nccs.res.in; Sp. Immunology/Signal Transduction/Parasitology/Tumor Immunology/Immunometabolomics.
- 2006 SAHA, Nirmalendu (b. 1961) PhD,FZSI, Professor of Zoology, Biochemical Adaptation Lab., Department of Zoology, North-Eastern Hill University, Shillong 793022; Res. Qr.No. P-40, NEHU Permanent Campus, Shillong 793022; Tel. (0364) 2722322(O), 2550752(R), 09436100836(M); Fax: 2550076; Email: nsaha@nehu.ac.in; nsahanehu@hotmail.com; Sp. Comparative Animal Biochemistry and Physiology.
- 2021 SAHA, Swati (b. 1967) PhD, Professor, Department of Microbiology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110021; Res. Type VA/2, University of Delhi South Campus, Benito Juarez Road, New Delhi 110021; Tel. (011) 24157380(O), 09911156268(M); Email: ssaha@south.du. ac.in; ss5gp@ yahoo.co.in; Sp. Molecular and Cell Biology of Leishmania Parasites.
- SAHNI, Ashok (b.1941) PhD(Minnesota),FNA,FASc,FAVH,FTWAS, Formerly INSA Senior Scientist and Professor Emeritus, CAS in Geology, Panjab University, Chandigarh; Res. 98, Mahatma Gandhi Marg, Lucknow 226001;Tel. (0522) 2740051(O), 2235385(R), 09956029934(M); Email: ashok.sahni@gmail. com; Sp. Vertebrate/Biostratigraphy/Bio mineralization.
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- 2001 SAHNI, Girish (b. 1956) PhD, FNA, FASc, Former Director General, CSIR & Secretary, Gol, DSIR, Anusandhan Bhawan, 2 Rafi Marg, New Delhi 110001; Tel. (011) 23710472, 23717053(O), 09888371548(M); Fax: 23710618; Email: dgcsir@csir.res.in; dg@csir.res.in; Sp. Enzymology/Protein Engineering/Protein Science Biotechnology.

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- 2007 SAINI, Malkiat Singh (b. 1950) PhD, D.Sc., E.K. Janaki Ammal Awardee, Department of Zoology, Punjabi University, Patiala 147002; Res. #20, New Mehar Singh Colony, Tripuri, Patiala 147001; Tel. (0175) 3046334(O), 2351832(R), 09417120251 (M); Fax: 228373; Email: saini20@hotmail.com; Sp. Insect Morphology/Insect Systematics.
- 2002 SAINIS, Krishna Balaji (b.1949) PhD, Former Raja Ramanna Fellow, Former Director, Bio-Medical Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400085; Res. CH-I/44, Kendriya Vihar (5) CHS, Sector-11, Kharghar, Navi Mumbai-410210; Tel. (022) 27742155(R), 09869410374(M); Email: sainis1949@gmail.com; Sp. Immunology/Radiation Biology/Cancer Biology/Medicinal Plants/Antioxidants.
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- 2006 SAMANTA, Anunay (b. 1956) PhD, FNA, FASc, Senior Professor and JC Bose National Fellow, School of Chemistry, University of Hyderabad, Hyderabad 500046; Res. A-2, Faculty Qtrs., University of Hyderabad, Hyderabad 500046; Tel. (040) 23134813(O), 23010715(R), 09440499681(M); Fax: 23011594; Email: anunay@uohyd.ac.in; anunay.samanta@gmail.com; Sp. Photochemistry/Photophysics/Ultrafast Spectroscopy.

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- 2010 SATHEESH, Sreedharan Krishnakumari (b. 1970) PhD, FASc, FNA, FTWAS, Professor, Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science, Bangalore 560012; Res. D227, NHC, IISc Campus, Bangalore 560012; Tel. (080) 22933070(O), 23600275(R), 09448360274(M); Fax: 23600865; Email: profsks@gmail.com; Sp. Aerosols/Clouds/Climate.
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- 2015 SHARMA, Yogendra (b. 1959) PhD, FASc, FNA, Professor (Biological Sciences), Indian Institute of Science Education and Research, Berhampur, formerly Chief Scientist, CSIR-CCMB, Hyderabad; Res. Flat E-204, Indu Aranya Apt., GSI Post Nagole, Hyderabad 500068; Tel. 09908630358(M); Email: yogen.ccmb@gmail.com; Sp. Biophysics.

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Council: Mem. 2017-18

2002 SHASTRY, Balajapalli Sriram (b.1950) PhD, FNA, FASc, FTWAS, Distinguished Professor of Physics, University of California, Santa Cruz, CA95064, USA; Tel. (831) 4595849(O), 4266248(R); Fax: 4593043; Email: sriram@physics.ucsc.edu; b.sriram.shastry@gmail.com; Sp. Condensed Matter Theory/ Statistical Mechanics.

2009 SHENOI, Sadananda Satheesh Chandra (b. 1958) PhD, FASc, Former Director, Indian National Centre for Ocean Information Services, Ocean Valley, Pragathi Nagar (BO), Nizampet (SO), Hyderabad - 500090; Res. Villa No. 15, S.R.R. Ridge, Bachupally (PO), Nizampet, Hyderabad-500118; Tel.(040) 23886709(O), 09441013377(M); Email : shenoi1958@gmail. com; Sp. Physical Oceanography/Ocean Circulation/ Satellite Oceanography.

SHETTY, Hunthrike Shekar (b.1944) PhD,FASc,FNAAS, Life-time Honorary Distinguished Professor, DOS in Applied Botany & Biotechnology, University of Mysore, Manasagangotri, Mysore-570006; Res. #72, 19th Cross, Vijaynagara, 3rd Stage, C-Block, Mysore - 570030; Tel. (0821) 2952426(R), 09449837566, 7019321432(M); Email: hss_uom@hotmail.com, hss@appbot. uni-mysore.ac.in; Sp. Seed Biology/Seed Pathology & Technology/Molecular Plant Pathology/Biotechnological Approaches for Stress Management in Plants.

2000 SHETYE, Satish Ramnath (b. 1950) PhD, FNA, FASc, Former Vice-Chancellor, Goa University; Former Director, NIO, Goa; Res. Yashoda, House No.C-14/162, Tonca, Caranzalem, Panaji, Goa-403002; Tel. 09011056605(M); Email: satishrshetye@gmail.com; Sp. Physical Oceanography. Council: Mem. 2012-13

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SHIVAJI, Sisinthy (b. 1950) PhD, FASc, FTASc, FAMI, Director Emeritus and Distinguished Scientist, Prof. Brien Holden Eye Research Centre, LV Prasad Eye Institute, LV Prasad Marg, Banjara Hills, Hyderabad - 500034; Res. 1-2-37/2, Street No. 3, Kakateeya Nagar, Habshiguda, Hyderabad - 500007; Tel. (040) 30612534(O), 27171268(R), 09849650285(M); Fax: 23548271; Email : shivas@lvpei.org; Sp. Reproductive Biology/Conservation Biology/Microbiology/Extremophiles/Microbiome/Biofilm.

1998 SHIVANNA, Kundaranahalli Ramalingaiah (b. 1940) PhD, FNA, FASc, FNAAS, INSA Honorary Scientist, Ashoka Trust for Research in Ecology and the Environment, Srirampura, Royal Enclave, Jakkur Post, Bangalore - 560064; Formerly Professor & Head, Department of Botany, University of Delhi; Res. Odekar Farms, Nandihalli, Via Thovinakere, Tumkur Taluk-Tel. 09449543848(M); 572138, Karnataka; Email: shivanna@atree.org, shivannakr40@gmail.com; Reproductive Biology of Flowering Plants/Pollen Biology and Biotechnology.

2001 SHIVAKUMARA, I.S. (b. 1957) PhD, Formerly Professor, Department of Mathematics, Bangalore University, Bengaluru – 560056; Res. #135, Shivapushpa, V Main, IV Cross, Papanna Block, Ganganagar, Bengaluru - 560032; Tel. 09880457129(M); Email: shivakumarais@gmail.com; Sp. Fluid Mechanics & Magnetohydrodynamics.

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2004 SHUKLA, Prabodh (b. 1951) PhD(Temple), Former Professor of Physics, NEHU; Res. S1-112, Suraksha Enclave-1, Eldeco Udyan-2, Raibareli Road, Luckow - 226025; Tel. 09436118449(M); Email : shukla@nehu.ac.in; prabshukla@

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 SIDDAVATTAM, Dayananda (b. 1957) PhD, FNA, Professor,

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2011 SIDDHESHWAR, Pradeep Ganapathi, PhD, Professor, Dept. of Mathematics, Central College Campus, Bangalore University,

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1964 SIDHU, Gurbachan Singh (b. 1920) PhD, Formerly Director General, CSIR, Secretary to the Govt. of India; Res. 3-3,F-4,Kakateeya Nagar, Habsiguda, Hyderabad-500 007; Tel. (040) 850268(R); Sp. Organic Chemistry.

Council: Mem. 77 SIKKA, Satinder Kumar (b. 1942) PhD, FNA, FASc, Former DAE Homi Bhabha Chair Professor, BARC, Mumbai; Res. House No. 538, Sector 17, Faridabad – 121002; Tel. (0129) 4086016(R), 2003 09958857056(M); Email: sksikka42@gmail.com; Sp. High Pressure and Shock Waves Physics/ Neutron and X-ray Crystallography/Nuclear Explosions.

1977 SINGAL, Asha Rani (b. 1940) PhD, Formerly Professor, Mathematics Department, Ch. Charan Singh University, Meerut; Res. 31, Vaishali, Pitampura, Delhi - 110034; Tel. (011) 42455458(R), 09313330473(M); arsims2003@ Email: yahoo.com; Sp. General Topology/Mathematics Education.

SINGHAL, Rekha Satishchandra (b. 1962) PhD, FNA, FNAE, FTWAS, FAFST, FBRSI, Professor & Head, Food Engineering 2023 & Technology Department, Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai - 400019; Res. 1/203, Sapphire, Garden Estate, Oppo D-Mart, Kokanipada, Thane 400610; Tel. (022) 33612501(O), 08369927491(M); Fax 33611020; Emàil : rs.singhal@ictmumbai.edu.in; rsinghal7@gmail.com; Sp. Food & Bioprocess Engineering & Technology involving Biomolecules of Food & Allied Areas **Supercritical** (Nutraceuticals)/Enzyme Bioprocessing/ Carbon Dioxide Extraction of Biomolecules.

2015 SINGLA-PAREEK, Sneh Lata (b. 1969) PhD, Group Leader, Plant Stress Biology Group, International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, New Delhi 110067; Res. B-533, Paschimabad Multistorey, Jawaharlal Nehru University, New Delhi - 110067; Tel. (011) 26742357 Ext.263(O), 26741558(R); Fax: 26742316; Email: sneh@ icgeb.res.in; snehpareek@gmail.com; Sp. Stress Molecular Biology/Crop Biotechnology/Functional Genomics.

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Council: Mem. 2007-08, 2011-12, 2020-21

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- 2001 SINGH, Anurudh Kumar (b. 1946) PhD, FNAAS, FISNS, Former Head, Germplasm Conservation Division, National Bureau of Plant Genetic Resources, Indian Council of Agricultural Research, Pusa Campus, New Delhi 110012; Res. 409A, Hamilton Court, DLF Phase 4, Gurugram 122009; Tel. (0124) 4110355(R), 09540127222(M); Email: anurudhksingh@gmail. com; Sp. Cytogenetics & Plant Breeding and Plant Genetic Resources.
- 2021 SINGH, Ashok Kumar (b. 1962) PhD, FNA, FNAAS, Director, Indian Agricultural Research Institute, Pusa Campus, New Delhi 110012; Res. B-8, Director's Bungalow, Indian Agricultural Research Institute, Pusa Campus, New Delhi 110012; Tel. (011) 25843375, 25872367(O), 25846774(R), 09899045037(M); Fax: 25846420; Email: aks_gene@yahoo.com; director@iari.res.in; Sp. Genetics & Plant Breeding/Molecular Breeding in Rice.
- 1990 SINGH, Bam Bahadur (b. 1938) PhD, FASc, Former Head, Radiation Biology & Biochem. Div., Biosciences Group, Bhabha Atomic Research Centre, Mumbai; Res. D-7, Fair Lawn, VN Purav Marg, Chembur, Mumbai 400071; Tel. (022) 35673965(R), 09821005336(M); Email: drbbsingh2010@gmail. com; Sp. Radiation Biology and Laws Relating to IPR (Intellectual Properties) and Civil Laws including Constitutional Remedies.
- 1996 SINGH, Bashisth Narayan (b. 1946) PhD, DSc, Distinguished Professor, Genetics Laboratory, Dept. of Zoology, Institute of Science, BHU, Varanasi 221005; Res. A-13, Swastik Towers, Lanka, Varanasi 221005; Tel.(0542) 2369885(R), 09935345196(M); Fax: 2368174; Email: bnsingh@bhu.ac.in, bashisthsingh2004@rediffmail.com; bnsinghbhu@gmail.com; Sp. Genetics, Evolution and Behaviour.
- 2008 SINGH, Bhim (b.1956) PhD, FNAE, FIEEE, FNA, FASc, Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016; Res. 7 New Campus, IIT Delhi, New Delhi 110016; Tel. (011) 26591045(O), 26591890, 26516223(R), 09811502125(M); Fax: 26581606; Email: bsingh@ee.iitd.ac.in; bhimsingh@gmail.com; Sp. Power Electronics/Electric Machines/Electric Drives.
- 1974 SINGH, B.P. (b. 1938) PhD, Emeritus Scientist (CSIR), National Botanical Research Institute, Lucknow 226001; Formerly Scientist 'H' (Scientist in Director Grade); Res. 4/300 Vivek Khand, Gomtinagar, Lucknow; Tel. (0522) 2205831-35(O), 2391596, 2396075(R); Fax: 2205839, 2205836; Email: bpsingh1938@gmail.com Sp. Plant Virology/Horticulture/Biotechnology.

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Air Pollution Modeling.

1995 SINGH, Man Mohan (b. 1946) PhD. DSc. Formerly ICMR Emeritus Medical Scientist, Chief Scientist, Head, Endocrinology Division & Coordinator, Reproductive Health Research Program, CSIR-Central Drug Research Institute, Lucknow, and Director, R&D, Saraswati Dental College & Hospital, Faizabad Road, Lucknow; Res. C-260, Indira Nagar, Lucknow -226016: Tel. 09415634056(M); singhmm46@gmail.com; Email: Sn. Reproductive Endocrinology/Osteoporosis/New Drug Development.

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2009 SINGH, Mewa (b. 1951) PhD, FNA, FASc, SERB Distinguished Fellow & Distinguished Professor (for life), Biopsychology Laboratory, and Institution of Excellence, University of Mysore, Manasagangotri, Mysore - 570006; Res. 193, Kuvempu Raste, RT Nagar, Ramkrishnana Nagar PO, Mysore - 570022; Tel. (0821) 2419372(O), 2952327(R), 09448603506, 08197056989 (M); Fax: 2419372; Email: mewasinghltm@gmail.com; Sp. Animal Behavior/Ecology/Social Evolution.

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- 1985 SINGH, Pashupati Prasad (b. 1934) PhD,DSc,MCIC, Principal, Bareilly College, Bareilly-243 001;Tel. (0581) 277873(O), 272666(R); Sp. Coordination Chemistry/Environmental Science.
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- 2004 SINGH, Prati Pal (b. 1954) PhD, FIAMSc, Former Professor, National Institute of Pharmaceutical Education and Research, Sector 67, Phase X, SAS Nagar 160062; Res. Apt. #921, ATS Golf Meadows Prelude, Barwala Road, Sector 6, Dera Bassi 140507, Distt. Mohali, Punjab; Tel. 08847422653, 09417196015 (R); Email: drppsingh2016@gmail.com; Sp. Biotechnology/Parasitology/Neuro Immunomodulation.
- 2020 SINGH, Raj Kumar (b. 1958) PhD, FNAAS, FNAVS, FNADS, Former Director/Vice Chancellor, ICAR-IVRI; Res. 81, North City, Pillibhit Road, PO: Izatnagar 243122, Bareilly, UP; Tel. 07534075345(M); Email: rks_virology@rediffmail.com; rajks.virology@gmail.com; Sp. Animal Health & Production/ Virology/Biotechnology.
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- 2013 SINGH, Shashi Bala (b. 1958) PhD, DSc, FAMS, FIAN, President, Mody University of Science & Technology, Lakshmangarh 332311, Rajasthan; Former Director, NIPER, Hyderabad; Tel. (01573) 225001-12 Ext. 1001(O), 09999297992(M); Email: president@modyuniversity.ac.in; drshashisingh@gmail.com; Sp. Environmental Physiology/Cognitive Neuro-sciences. Council: Mem. 2015-16
- 2019 SINGH, Sunil Kumar (b. 1971) PhD,FASc,FNA, Director, CSIR-National Institute of Oceanography, Dona Paula, Goa 403004; Res. Director's Bungalow, NIO Campus, Raj Bhavan Road, Dona Paula, Goa 403004; Tel. (0832) 2450201/501(O), 2450222(R), 09427029489, 09607017855(M); Fax: 2450602; Email: sunil@nio.org; Sp. Biogeochemistry/Indian Oceanography/Isotope Geochemistry.
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- 1983 **SINGH, Surjeet** (b. 1942) PhD, Professor, Mathematics Dept., Kuwait University, P.O. Box No. 5969, Kuwait; Tel. 813-199(O), 846-843/4306(R); Sp. **Theory of Rings/Abelian Groups.**
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2014 SINGH, Vijay Awadesh (b. 1950) PhD, Raja Ramanna Fellow, Department of Physics, Health Centre Building, UM-DAE Centre for Excellence in Basic Sciences, Vidyanagri Campus, Kalina, Mumbai University, Santa Cruz (East), Mumbai 400098; Res. 402 Garden View (Building X-13), Shastrinagar, Near Lokhandwala Circle, Off JP Road, Andheri West, Mumbai–400053; Tel. 09867050450(M); Email : physics. sutra@gmail.com; Sp. Digital Materials (Nanostructural Semiconductors)/ Science Education Research / Promotion of Research in undergraduate Community.

1981 SINGH, Vikramaditya (b. 1928) PhD, Formerly Professor & Emeritus Fellow, UGC; Res. 3A/95 Azad Nagar, Kanpur-208002; Tel. (0512) 2544019(R) Sp. Theory of Functions.

2004 SINGH, Vinod Kumar (b. 1959) PhD, DSc, FNA, FASc, FTWAS, Professor, Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. H.No. 4056, IIT Campus, Kanpur - 208016; Tel. (0512) 2597291(O), 2598429(R), 09981144455(M); Email: vinodks@iitk.ac.in; Sp. Synthetic Organic Chemistry.

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Award: Prof. MN Saha Mem.Lect.Award-Nat.Acad.Sci.India (1995).

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- 2010 SINGH, Yogendra (b. 1957) PhD, FASc, FNA, JC Bose National Fellow, Professor, Department of Zoology, University of Delhi, Delhi 110007; Res. BA-11 (Top Floor), Shalimar Bagh, Delhi-110088; Tel. 09871095673(M); Email: ysingh@zoology.du. ac.in; ysinghdu@gmail.com; Sp. Infectious Diseases/Protein Toxins.
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- 1982 SINGRU, Ramesh Madhao (b. 1935) PhD(Purdue,USA), FMA, Formerly Professor of Physics, I.I.T., Kanpur; Res. 5, Kinkhede Layout, Nr. Gardiner School, Civil Lines, Nagpur 440001; Tel. (0712) 2528003(R), 09850050456(M); Email: rameshsingru@yahoo.com; Sp. Nuclear Physics/Band Theory of Solids/Positron Annihilation.
- 2011 SINHA, Alok Krishna (b. 1969) PhD, FNA, FASc, Staff Scientist VII, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067; Res. H-VB-D1-002, NIPGR Campus, Aruna Asaf Ali Marg, New Delhi 110067; Tel. (011) 26735188(O), 26735142(R); Fax : 26741658; Email : alok@nipgr.ac.in; aloksinha@yahoo.com; Sp. Plant Physiology/Plant Biochemistry/Plant Molecular Biology.
- 2014 SINHA, Arun Kumar (b. 1961) PhD, Former Pro-Vice-Chancellor, Ranchi University; Former Chief Scientist & Professor, AcSIR, CSIR-CDRI, Lucknow; Res. Ayyachi Apt. #404, Sector 45, Near DPS School, Gurugram, Haryana; Tel. 09956278787(M); Email: aksinha8@rediffmail.com; Sp. Chemical Science/Organic Chemistry, Green Chemistry, Medicinal Chemistry, Natural Product Chemistry.
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- SINHA, Bikash Chandra (b. 1945) PhD(Lond.), DSc(Lond.), FNA, FNYAS(USA), FTWAS, FASc, DAE Homi Bhabha Professor and Formerly Director, Variable Energy Cyclotron Centre, Department of Atomic Energy, Formerly Director, Saha Institute of Nuclar Physics, 1/AF, Bidhan Nagar, Kolkata 700064; Res. 2/4B, Sarat Bose Road, Kolkata -700020; Tel. (033) 23370032, 23371230(VECC), 2475 2206, 9927(R); Fax: 23346871; Email: bikash@vecc.gov.in; Sp. High Energy Physics/Quark Gluon Plasma/Early Universe Cosmology.
- 1976 **SINHA, Brij Mohan** (b. 1918) PhD, FZSI, Formerly Professor & Head, Zoology Department, Vikram University, Ujjain; Res. C/O Dr. Anil Sinha, District Hospital Barwani, Distt. W.Nimar (M.P.); Sp. **Fish:Systematics & Morphology/Fisheries.**
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- 1966 **SINHA**, **K.D.P.** PhD,Professor, Mathematics Dept., L.S. College, Bihar Univeristy, Muzaffarpur (Bihar); Sp. **Mathematics**.
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2021 SOMA, Venugopal Rao (b. 1972) PhD, FRSC, FInstP(UK), FTAS, FSPIE, Professor, ACRHEM, South Campus, University of Hyderabad, Prof. CR Rao Road, Hyderabad - 500046; Res. S-701, Aparna Cyber Zon, Nallagandla, Near Citizens Hospital, Serilingampally, Hyderabad - 500019; Telangana; Tel. (040) 23138811(O), 48598553(R), 09963699816, 08309249599(M); Fax : 23012800; Email : soma_venu@uohyd.ac.in; somavenu@gmail.com; Sp. Ultrafast Laser Spectroscopy/Ultrafast Nonlinear Optics/ Explosives Detection.

2007 SOMASUNDARAM, Kumaravel, (b. 1962) PhD, FNA, FASc, Professor, Dept. of Microbiology and Cell Biology, Indian Institute of Science, Bangalore-560012; Res. E17, IISc Quarters, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22932973, 23607171(O), 23602136(R); Fax: 23602697; Email: skumar1@iisc.ac.in; ksomasundaram1@gmail.com; Sp. Cancer Biology/Genetics/Virology.

2023 SOMANATH, Sreedhara Panicker (b. 1963) ME, FNAE, FAeSI, Chairman, Space Commission, Chairman, ISRO and Secretary, Department of Space, Antariksh Bhawan,New BEL Road, Bangalore - 560231; Res. M-13, Murali Nagar, Ambalamukku, Peroorkada PO, Trivandrum - 695005; Tel. (080) 23415241(O); Email : chairman@isro.gov.in; sssnath@gmail.com; Sp. Launch Vehicles Systems Engineering/Structural Design/Analysis.

2017 SONIYA, Eppurath Vasudevan (b. 1965) PhD, Scientist G, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram-695014; Res. TC 17/410(1), Chithira, Poojappura, Thiruvananthapuram -695012; Tel. (0471) 2529454(O), 2345339(R), 09446100490 (M); Email: evsoniya@rgcb.res.in; Sp. Plant Molecular Biology/Plant Biotechnology.

2005 **SONTI, Ramesh Venkata** (b. 1960) PhD, FASc, FNA, FNAAS, Professor and Chairperson, Biology Department, Indian Institute of Science Education and Research Tirupati, Karakambadi Road, Tirupati - 517507, AP; Former Director, NIPGR, New Delhi; 09441055295(M); Email: sonti@iisertirupati.ac.in; ramesh vsonti@gmail.com; Sp. **Microbiology/Plant Protection/Plant Genetics.**

SOOD, Ajay Kumar (b. 1951) PhD, FRS, FNA, FASc, FTWAS, Principal Scientific Adviser to the Government of India, Room No. 319, Vigyan Bhawan Annexe, Maulana Azad Road, New Delhi – 110011; National Science Chair, Professor, Department of Physics, Indian Institute of Science, Bangalore - 560012; Res. Hoyasala Samruddhi, Apt No. B-805, Amruthahalli, Bangalore - 560092; Tel. (011) 23022112(O); Fax: 23022113; Email: sood.ajay@gov.in; asood1951@gmail.com; Sp. Experimental Condensed Matter Physics/Soft Condensed Matter/Quantum Materials.

Council: Mem. 2004-07

1979 SOOD, Prakash Chandra (b. 1928) PhD, Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam - 515134; Formerly Professor & Head, Department of Physics and Dean, Faculty of Science, Banaras Hindu University, Varanasi; Res. A-10 Surya Vihar, Nehru Nagar PO, Bhilai (CG) - 490020; Tel. 09440855939(M); Email: sood.prakash@gmail.com; Sp. Nuclear Physics.

SOPORY, Sudhir Kumar (b. 1948) PhD, FNA, FASc, FNAAS, FTWAS, Senior Emeritus Scientist, ICGEB; Formerly Vice-Chancellor, JNU, New Delhi; Formerly Professor & Group Leader, Plant Molecular Biology, and Director (Interim), ICGEB, New Delhi; Res. 584, Sector 14, Faridabad - 121007, Haryana; Tel. 09811431741(M); Email: sopory@hotmail.com; sk.sopory@gmail.com; Sp. Molecular Plant Physiology.

Award : Prof. Saligram Sinha Memorial Lecture Award - Nat.Acad. Sci. India (2001).

Council: V.P. 2015-16

2018 SOURADEEP, Tarun (b. 1967), PhD, FASc, FISGRG, Director, Raman Research Institute, Bengaluru - 560080; Res. Director's Bungalow, Raman Research Institute, CV Raman Avenue, Sadashivanagar, Bengaluru - 560080; Tel. (080) 23611012(O), 09480836002, 09422644463(M); Email: tarun@rri.res.in; Sp. Cosmology/Cosmic Microwave Background Gravitation/ Gravitational Waves Ultra-HEP/ Early Universe Physics.

2002 SREEHARI, Maddipatla (b.1942) PhD, FGSA, Formerly Professor of Statistics, M.S. University, Vadodara; Res. 6-B, Vrundavan Park, New Sama Road, Chani Road PO, Vadodara - 390024; Tel. (0265) 7968340(R), 09724308321(M); Email: msreehari03 @yahoo.co.uk; Sp. Probability/Stochastic Modeling/Characterization Problems.

2005 SREE HARI RAO, Vadrevu (b. 1951) PhD, FFA, Director and Principal Research Scientist, Foundation for Scientific Research & Technological Innovation, Plot No. 20, H.No. 13-405, Alakapuri, Rama Krishna Puram Post, Hyderabad - 500102; Tel. 07013333599; Email: vshrao@researchfoundation.in; vshrao@gmail.com; Sp. Dynamical Systems/Mathematical Modelling/Artificial Intelligence/Machine Learning/Data Science.

SREEKANTAN, Badanaval Venkata (b. 1925), PhD, FNA, FASc, Honorary Visiting Professor, National Institute of Advanced Studies, I.I.Sc. Campus, Bangalore - 560012; Formerly Director, Tata Institute of Fundamenal Research, Mumbai; Res. 231, Usha Kiran, 15th Cross Road, Malleshwaram, Bangalore - 560003; Tel. (080) 22185082(O), 23347434(R); Fax: 23606634; Email: bvs@nias.iisc.ac.in; bvsreekantan@gmail. com; Sp. Cosmic Rays/ High Energy Physics and Astronomy.

- 2018 SREEMAN, Sheshshayee Madavalam (b. 1964), PhD, Professor, Department of Crop Physiology, University of Agricultural Sciences, GKVK, Bangalore 560065; Res. 12, Santhosh Vihar Phase I, KV Jayaram Road, Jakkur, Bangalore; Tel. (080) 23636713 Extn. 205(O), 09972308219(M); Email: msshesh1@uasbangalore.edu.in; Sp. Stress Physiology/Stable Isotope Biology/Photosynthesis.
- SRIDHARAN, Rajagopal (b. 1948) PhD, FASc, Formerly Director, Space Physics Laboratory, Trivandrum; NASI Honorary Scientist, Physical Research Laboratory, Ahmedabad 380009; Res. 6/4, Aalay Apartment, Vastrapur, Ahmedabad 380015; Tel. (079) 35838378(R), 09429199824(M); Email: r_sridharan777@yahoo.co.in; sridharan@prl.res.in; Sp. Aeronomy/Solar Terrestrial Physics.
- SRIDHARAN, Ramaiyengar (b. 1935) PhD, FNA, FASc, Adjunct Professor, Chennai Mathematical Institute, H1, SIPCOT IT Park, Padur Post, Siruseri, Kelambakkam, Chennai 603103; Tel. (044) 27470227/1231(O), 24511692(R); Fax: 27470225; Email: rsridhar@cmi.ac.in; Sp. Algebra.
- 2001 SRIKANTH, Pannapalli Nallanchakravarthy (b. 1950) PhD, Professor (H), Tata Institute of Fundamental Research, Centre for Applicable Mathematics, Sharadanagar Chikkabommasandra, Post Bag 6503, GKVK P.O. Bangalore 560065; Res. 974, 4th Main, D-Block, II Stage Rajajinagar, Bangalore-560010; Tel. (080) 66953790-95, 22796447(O), 2325381(R); Fax: 66953799; Email: srikanth@math.tifrbng.res.in; Sp. Nonlinear Functional Analysis and Applications to Differential Equations.
- 1992 SRIMAL, Rikhab Chand (b. 1937) MBBS, MD, FAMS, FIANS, FNA, Formerly Director, IITR, Lucknow; Res. B-4 Sarita Vihar, New Delhi-110076; Tel. (011) 41402719(R), 09899193701(M); Email: rcsrimal@yahoo.com, rcsrimal@hotmail.com; Sp. Pharmacology/Toxicology/Natural Products.
- 2017 SRINIVAS, Vasudevan (b. 1958) PhD, FASc, FNA, FTWAS, Former Professor (J), School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005; Res. 601, Satyendra, TIFR Colony, Homi Bhabha Road, Colaba, Mumbai 400005; Tel. (022) 22782217(O), 22804966(R), 09867292122(M); Fax : 22804610; Email : srinivas@math.tifr.res.in; Sp. Algebraic Geometry/Commutative Algebra/K-Theory.

SRINIVASAN, Ramaswamiah (b. 1943) PhD, FNA, FASc, Formerly Scientist F, National Geophysical Research Institute, Hyderabad; Visiting Professor, Divecha Centre for Climate Change, IISc, Bangalore - 560012; Res. 114, Ramanashree Nagar, SOS Post, Bannerghatta Road, Bangalore - 560076; Tel.(080) 42049466(R), 09632319090(M); Email: srinimalu@gmail.com; Sp. Precambrian Geology with special reference to sedimentation, structure and stratigraphy/Groundwater Quality and Sustainability.

2010 SRINIVASÁN, Srikanth (b. 1960) PhD, FNAE, FIE, Former Director, CSIR-National Metallurgical Lab & Outstanding Scientist, CSIR, No. 12, Ganpathy Nagar Layout, Kolathur, Chennai - 600099; Tel. 09566156748(M); Email : ssrikanthnml@gmail.com; Sp. Thermodynamics & Kinetics/ Extractive Metallurgy/Life

Cycle Assessment/Solid Oxide Fuel Cells.

1998 SRINIVASA RAO, Killampalli, (b. 1942) PhD, Senior Professor, The Institute of Mathematical Sciences, C.I.T. Campus, Chennai - 600 113; Res. 90/1, Second Main Road, Gandhi Nagar, Chennai - 600 020; Tel. (044) 2351856, 2351049(O), 4411347(R); Email: rao@imsc.res.in; Sp. Quantum Theory of Angular Momentum/Quantum Groups & Algebras/ Special Functions.

2012 SRIVASTAV, Ajai Kumar (b. 1953) PhD, Professor Emeritus, Department of Zoology, DDU Gorakhpur University, Gorakhpur-273009; Res. Saran Niwas, Near Bunty Shamiana House, Basantpur, Gorakhpur - 273005; Tel. 09336400846(M); Email: ajaiksrivastav@hotmail.com; Sp. Fishery Biology/Endocrinology/Toxicology.

SRIVASTAVA, Abinash Chandra (b. 1934) PhD, D.Sc., Formerly Professor and Head of the Department of Mathematics, Dibrugarh University, Dibrugarh, Assam-786003; Res. 19/726, Indira Nagar, Lucknow- 226016; Tel. (0522) 2715324(R), 09451994153(M); Email: acsrivastava_dr@rediffmail.com; Sp. Fluid Mechanics/Heat Transfer.

2021 SRIVASTAVA, Achal Kumar (b. 1966) MBBS, MD, DM, FRCP(London), FIAN, FAMS, Professor, Department of Neurology, Room No.60, GF, CN Center, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029; Res. E69, Ansari Nagar(East), AIIMS Campus, New Delhi - 110029; Tel. (011) 26546688(O), 26589669(R), 09811178784(M); Fax: 26588663; Email: achalsrivastava@hotmail.com; Sp. Movement Disorders/Epilepsy/Clinical Neurophysiology.

2019 SRIVASTAVA, Ashwini Kumar (b. 1953) PhD, Former Professor & Head, Department of Chemistry, University of Mumbai, Vidyanagari, Mumbai - 400098; Res. G-304, Premier Residences, Off. LBS Marg, Kurla (West), Mumbai - 400070; Tel. 09869839956, 08693815881(M); Email: srivastava.ashwini @gmail.com; Sp. Analytical Chemistry/Electrochemistry/Chromatography.

SRIVASTAVA, Brahm Shanker (b. 1943) PhD, Deputy Director & Head Microbiology, Professor & Head of Biotechnology, at JNU, New Delhi; Res. 2/79, Vijay Khand, Gomti Nagar, Lucknow- 226 016; Tel. (0522) 2220908(O), 2391036(R); Fax: 2223405; Email: drbrahm@yahoo.com; Sp. Microbial & Molecular Genetics/Biotechnology/Molecular Biology.

SRIVASTAVA, Chandra Mani (b.1932) PhD(Lond.), DIC(Lond.), FNA, FMAS, Emeritus Professor, IIT, Mumbai; Formerly Professor of Physics & Head, Advanced Centre for Research in Electronics & Materials Science Centre, Indian Institute of Technology, Powai, Mumbai - 400076; Res. 604, Prerana, Opposite IIT Main Gate, Powai, Mumbai - 400076; Tel. (022) 25722545, 25726530, 25787127(R); Email: srivascm@iitb. ac.in; Sp. Ferromagnetic Relaxation & Superconductivity.

SRIVASTAVA, C.B.L. (b. 1938) D.Phil., D.Sc., Formerly Professor & Head, Zoology Department, Emeritus Fellow (UGC), Dean, College Development Council, University of Allahabad, Prayagraj-211 002; Res. A-175, FF4, Shalimar Garden Extension 2, Sahibabad, Gaziabad - 201005; Tel. 09838570140 (M); Email: srivastavacbl@rediffmail.com; Sp. Fish Anatomy/ Neurobiology.

Award: U.P. Education Minister's Gold Medal in Zoology - Nat.Acad.Sci.India Award (1985).

Council: F.S. 89-90, 95-96 Tre. July 2006-Sept 2006 Mem. 2005-07

SRIVASTAVA, Deepak Chandra (b. 1956) PhD, FNA, FASc, JC
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Sciences, Indian Institute of Technology - Roorkee, Roorkee 247667; Res. 205/4, Saraswatikunj, IIT Campus, Roorkee 247667; Tel. (01332) 285558(O), 285112(R), 09456381281,
9760024767(M); Fax: 285638; Email: dpkesfes@gmail.com;
Sp. Structural Geology.

2012 SRIVASTAVA, Dinesh Kumar (b. 1952) PhD, FNA, Honorary Visiting Professor and INSA Senior Scientist, National Institute of Advanced Studies (Indian Institute of Science Campus), Bengaluru – 560012; Res. 26, Krishna Gardenia Apartments, 559, Fifth Main Road, RMV Extension Phase II, Dollars Colony, Bengaluru – 560094; Tel. (080) 22185133(O), 09836176868(M); Email: dinesh.srivastava@nias.res.in; srivastava.dinesh. kumar@gmail.com; Sp. Quark Gluon Plasma, Energy and Environment, Science Communication.

Council: Mem. 2018-19

SRIVASTAVA, Hari Krishna (b. 1944) PhD(Texas, USA), Formerly Senior Director Grade Scientist, CIMAP, Lucknow; Formerly Advisor, DBT, New Delhi; and Formerly National Coordinator, ICGEB, New Delhi; Res. D-III/3522 Vasant Kunj, New Delhi - 110070; Tel. (011) 26139222; Email: hksri1@ hotmail.com; Sp. Plant Breeding/Molecular Genetics.

SRIVASTAVA, Hari Mohan (b. 1940) PhD, DSc (hc, Taiwan), DSc(hc, Romania), FRAS(Lond.), FIMA(UK), CMath, FVPI, FAAAS(USA), FFA, FMRAS (Belgi.), FACC (Spain), CSci, FMASA (Macedonia), FIAPS, Professor Emeritus, Department of Mathematics & Statistics, University of Victoria, Victoria, British Columbia V8W 3R4, Canada; Res. 4533 Gordon Point Drive, Victoria, British Columbia V8N 6L2, Canada; Tel. (250) 472-5313(O), 477-6960(R); Fax: 721-8962; Email: harimsri@math.uvic.ca, hmsrivas@math.uvic.ca; harimsri@uvic.ca; Sp. Mathematical Analysis/Applicable Mathematics/Mathematical Physics/Inventory Modelling and Optimation/Probabity and Statistics.

1990 SRIVASTAVA, Hari Narain (b. 1936) PhD, Consultant (Environmental Sciences and Disaster Management); Formerly Addl.Director General of Meteorology; India Meteorological Department, Lodi Road, New Delhi; Res. 128, Pocket A, Sarita Vihar, New Delhi-110044; Tel. (011) 26976087(R), 09350904775(M); Email: hn_srivastava@hotmail.com; Sp. Seismology/Meteorology.

- 1988 SRIVASTAVA, Jitendra Prasad (b. 1940) PhD, Crop Science Specialist, Agricultural and Rural Development Dept., The World Bank, 1818 H. Street, N.W. Washington, D.C. 20433, USA; Sp. Genetics/Plant Breeding.
- 1985 **SRIVASTAVA, K.K.** (b. 1933) D.Phil., D.Sc., Formerly Professor, Physics Department, Panjab University, Chandigarh; Res. 266, Chandralok Colony, Aliganj, Lucknow-226024;Tel. (0522) 2328757(R), 09235259275(M); Sp. **Semiconductor Physics.**
- 1977 SRIVASTAVA, Krishna Mohan (b. 1935) PhD, D.Sc., Formerly Professor of Mathematics, Roorkee University; Res. DII/2019, Vasant Kunj, New Delhi 110070; Tel. (011) 26897087, 09310064206(M); Email: krish.srivas@gmail.com; Sp. Fluid Mechanics/Plasma Dynamics.
- SRIVASTAVA, Mahendra Pratap (b. 1942) PhD,FPSI, MBSPP (Lond.), MGPS (Berlin), Formerly Director Planning, Monitoring & Evaluation and Professor & Head, Department of Plant Pathology, CCS Haryana Agricultural University, Hisar; Res. F-44 (FF), Tulip Garden, Sushant Lok- II, Sector-57, Gurgaon -122011; Tel. (0124) 4240277, 09818398655(M); E-mail: mpsrivastava28@gmail.com; Website: www.xsgrowth.com; Sp. Mycology & Plant Pathology/Transfer of Technology, Plant Health Clinic/Food Security/ Pesticides/Integrated Pest Management.
- 2013 SRIVASTAVA, Padma Vasantha (b. 1965) MBBS, MD, DM (Neurology), FAMS, Professor of Neurology, Room No. 708, CN Center, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029; Res. CII-23, AIIMS Campus (East), Ansari Nagar, New Delhi 110029; Tel. (011) 26594794(O), 26588801(R), 09868398261, 09810819167(M); Fax : 26588022; Email : vasanthapadma123@gmail.com; Sp. Stroke/Multiple Sclerosis/Vascular Dementia.
- 2002 SRIVASTAVA, Prakash Chandra (b.1950) PhD, Professor & Head, Chemistry Department, Lucknow University, Lucknow 226007; Res. D-2235, Indira Nagar, Lucknow 226016; Tel. (0522) 2710421(O), 7010715(R); Email: pcsrivastava31@ rediffmail.com; Sp. Organometallics/X-ray Diffraction/Supramolecular Chemistry.
- 2003 SRIVASTAVA, Prem Shankar (b. 1947) PhD, FBS, Former Professor, Department of Biotechnology, Hamdard University, New Delhi; Res. C/o Prof. Sheela Srivastava, Department of Genetics, South Campus, University of Delhi, Dhaula Kuon, New Delhi 110021; Tel. (011) 24111258(R); Email: pss410@rediffmail.com; Sp. Plant Tissue Culture/ Transgenics/DNA Polymorphism.

1980 **SRIVASTAVA, Pyare Lal** (b. 1931) PhD, Formerly Professor, P.G. Physics Dept., Bhagalpur University, Bhagalpur; Res. 3/394, Vivek Khand, Gomtinagar, Lucknow - 226010; Tel. (0522) 2394319(R); Sp. **Solid State Physics.**

- 1978 SRIVASTAVA, Radhey Shyam (b. 1931) PhD, FUWAI, Formerly Scientist 'E', DRDO; Visiting Professor, Tokyo Denki University, Tokyo, Japan; Chiba University, Chiba, Japan; Ernst Mach Institute, Freiburg, Germany; Res. A-3/260, Janakpuri, New Delhi 110058; Tel. (011) 25500381(R); Email: rssuncle@yahoo.co.uk; Sp. Fluid Mechanics/Biomechanics/ Shock Waves.
- 2014 SRIVASTAVA, Rajesh Kumar (b. 1961) PhD, FNA, FASc, JC Bose National Fellow, Senior Professor, Department of Geology, Banaras Hindu University, Varanasi 221005; Res. 2021, Block-B, KBN Lion Enclave, Sunderpur, Nevada, Varanasi 221005; Tel. 09415812079, 09336906925(M); Email : rajeshgeolbhu@gmail.com; rajeshgeolbhu@bhu.ac.in; Sp. Igneous Petrology/Geochemistry/Precambrian Tectonics/ Supercontinent Reconstructions/Planetary Science.
- 1970 SRIVASTAV, Ram Prasad (b. 1934) PhD(Lucknow & Glasgow), D.Sc.(Glasgow), Professor Emeritus of Applied Mathematics & Statistics, SUNY at Stony Brook, New York, 11794-3600, USA; Res. 53,Twisting Drive,Lake Grove, New York-11755, U.S.A.; Tel. 631-585-4846(R); Email: ram.srivastav@stonybrook.edu; Sp. Analysis.
- 1984 SRIVASTAVA, Ramesh Chandra (b. 1935) PhD, Formerly Professor & Head of Chemistry Department at HBTI, Kanpur, BITS, Pilani and BHU, Varanasi; Res. D-165 (First Floor), Sector P, Aliganj, Lucknow 226024; Tel. 09919753069, 09919944269(M); Email : rcs_bits@yahoo.com; Sp. Nonequilibrium Thermodynamics/Network Thermodynamics/Biophysical Transport Studies.
- 1985 SRIVASTAVA, Ramesh Chandra (b. 1936) D.Phil., Formerly Professor, Physics Department, I.I.T., Kanpur; Res. 7FF Basera Palash, New Hyderabad, Lucknow 226 007; Sp. X- Ray Crystallography/Crystal Physics.
- 2003 SRIVASTAVA, Ramesh Chandra (b. 1953) PhD, Fellow DAAD, Fellow Humboldt, Professor, Department of Mathematics and Statistics, D.D.U. Gorakhpur University, Gorakhpur 273009; Res. Shyam Keshwari Ashram, 784-E, Vishnupuram, Basharatpur, Gorakhpur 273004; Tel. (0551) 2500513(R); Email: rcs.shockwaves@gmail.com; ramesh_maths_ddu@indiatimes.com; Sp. Fluid Dynamics/Numerical Simulation of Shock Wave Problems/O.R.
- SRIVASTAVA, Ramesh Kumar (b. 1973) PhD, Principal Scientist & Head, Business Development Group, CSIR-CIMAP, Lucknow 226015; Res. 15/71, Sector 15, Indira Nagar, Lucknow 226016; Tel. (0522) 2718637(O), 3159412(R), 08004743355, 09044922166(M); Email : rksrivastava@cimap.res.in; rks.lucknow@gmail.com; Sp. Technology Dissemination & Entrepreneurship Development/Cultivation & Processing of Medicinal & Aromatic Plants/Utilization of Offered-waste flowers into value added products.

1971 SRIVASTAVA, Ravindra Kumar (b. 1932) PhD, Formerly Professor of Biochemistry; Veterinary College, Mathura; Res. C/o Dr. A.D. Srivastava, 514, Rajat Colony (Gate No. 3), Bundi, Rajasthan; Sp. Biochemistry.

SRIVASTAVA, R.D. (b. 1941) PhD(Canada), Former Professor & Head, Chemical Engineering Department, IIT, Kanpur; Principal Engineer, KeyLogic Systems, National Energy Technology Laboratory, Pittsburgh, PA 15236, USA; Res. House No. 3040, Annandale Drive, Presto, PA 15142, USA; Email: ram.srivastava@netl.doe.gov, rdsu2@verizon.net; Sp. Chemical Engineering Kinetics & Catalysis; Oil & Gas.

2019 SRIVASTAVA, Rohit (b. 1976) PhD,FRSC(London),FRSB(London), FNAE, FAMS, Himanshu Patel Chair Professor, Department of Biosciences and Bioengineering, IIT Bombay, Powai, Mumbai - 400076; Res. 205, Lilium, Nahar Amrit Shakti, Chandivali, Mumbai - 400072; Tel. (022) 25767746(O), 09867980408(M); Email: rsrivasta@iitb.ac.in; Sp. Point of Care Diagnostic Devices/MEMS Technologies/Nanoengineered Biosensors. Council: Mem. 2023-

1977 SRIVASTAVA, Shyam Lal (b. 1940) DPhil, FIETE, Formerly Professor & Head of Physics Dept., Allahabad University and Formerly Coordinator, K.Banerjee Centre of Atmospheric and Ocean Studies, Meghnad Saha Centre for Space Studies, Allahabad University; Res. 129,Allenganj, Prayagraj - 211 002; Tel. (0532) 2466239(R); Fax: 2641183; Email: slsrivastava@rediffmail.com; Sp. Microwaves/Molecular Interactions/Phase Transitions.

Council: Mem. 2002-03 Tr. June 2003-2007

2003 SRIVASTAVA, Sudha (b. 1953) PhD, Research Scientist 'G', Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Mumbai - 400005; Res. 402 Meghnad, TIFR Housing Colony, Homi Bhabha Road, Navy Nagar, Mumbai - 400005; Tel. (022) 22804545 Ext.2377(O), 22804818(R); Fax: 22804682 /4610/4611; Email: ss1953@gmail.com; Sp. NMR/ Biophysics.

2002 SRIVASTAVA, Suresh Chandra (b.1944) PhD, FPS, FBS, Formerly Professor & Head, Department of Botany, University of Lucknow, Lucknow; & Emeritus Fellow (UGC), National Botanical Research Institute, Ranapratap Marg, Lucknow-226001; Res. 19/738, Sector-19, Indira Nagar, Lucknow-226016; Tel. (0522) 4076695(R) 09695515878(M); Email: sri_scs@rediffmail.com; Sp. Biodiversity/Taxonomy and Conservation of Bryophytes.

1980 SRIVASTAVA, S.N. PhD(Lko.), FRIC, Expert & Chief Tech.Adviser, UNESCO, Science Centre, PBox No.832, Alexandria (Egypt);

2005 SRIVASTAVA, Umesh Chandra (b. 1950) D.Phil., Doctor of Neurophysiology (Pisa), FIAN, Managing Editor - Proceeding of NASI; Formerly Emeritus Professor; Formerly Professor, Department of Zoology, University of Allahabad, Prayagraj; Res. 25-A, Shashipuram, Shiv Ram Das Gulati Marg (Mayo Road), Prayagraj - 211002; Tel. 09335120178(M); Email: ucsrivastava@rediffmail.com; Sp. Cell Biology/ Neuroanatomy/Neurochemistry.

Council: Tr. 2008-11, 2020-23 G.S. 2014-17

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2007 SUBHEDAR, Nishikant Kashinath (b. 1948) PhD, Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur - 440033; Res. Q-21, Laxmi Nagar, Nagpur - 440022; Tel. (0712) 2500324(O), 2237638(R); Fax: 2549521; Email: nksubhedar@hotmail.com; Sp. Neurosciences/Neuro-peptides/Animal Behavior.

2009 SUBRAHMANYAN, Ravi (b. 1960) PhD, Space & Astronomy CSIRO, 26, Dick Perry Avenue, Kensington WA 6151, Australia; Res. 114 Aurelian Street, Palmyra WA 6157, Australia; Tel. (+61) 450565546(M); Email: ravi.subrahmanyan@csiro.au; subrahmanyan.ravi@gmail.com; Sp. Astronomy/ Observational Cosmology/Signal Processing.

2013 SUBRAMANIAM, Annapurni (b. 1968) PhD, FASc, Director, Indian Institute of Astrophysics (IIA), Koramangala, Bangalore - 560034; Res. E-202, Raheja Residency, 7th Cross, 8-C Main, Koramangala III Block, Bangalore - 560034; Tel. (080) 22541319(O), 25532088(R), 09845171233(M); Fax: 25534043; Email: purni@iiap.res.in; Sp. Astronomy & Astrophysics/Star Clusters/Stellar Population/UV Astronomy/ASTROSAT.

2022 **SUBRMANIAN, Kandaswamy** (b. 1957) PhD, FNA, FASc, Emeritus Professor, IUCAA, Post Bag 4, Ganeshkhind, Pune - 411007; Res. 10, Akashganga, IUCAA Hsg. Colony, IUCAA Posg Bag 4, Ganeshkhind, Pune - 411007; Tel. (020) 25604114(O), 25604410(R), 08007324440(M); Fax : 25604699; Email : kandu@iucaa.in; Sp. **Theoretical Astrophysics.**

2013 SUBRAMANIAN, Venkatesan (b. 1962) PhD, FASc, Senior Principal Scientist, Chemical Laboratory, Central Leather Research Institute, Adyar, Chennai - 600020; Res. 4/9, Jaya Street, Kadaperi, Tambaram, Chennai - 600045; Tel. (044) 24437150, 24411630(O), 22383031(R), 09840264151(M); Fax: 24911589; Email: subuchem@hotmail.com; subbu@clri.res.in; Sp. Theoretical Chemistry/Computational Chemistry/Computational Biology.

2016 SUBRAMANYAM, Rajagopal (b. 1970) PhD, FNA, Professor, Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Gachibowli, Hyderabad - 500046; Res. H.No. 2-133/24, Sree Homes, Near Mallanna Temple, Vattinagulapally, Hyderabad - 500075; Tel. (040) 23134572(O), 09866046509(M); Fax: 23010120; Email: srgsl@uohyd.ac.in; rajagopal98@gmail.com; Sp. Plant Biochemistry/Chloroplast Bioenergetics/Structural Biology.

SUBRAMONIAM, Thanumalayaperumal (b. 1941) PhD, DSc, FNA, FNAAS, Sr. Scientist, Centre for Climate Change Studies, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi, Salai, Chennai - 600019; Res. 3/552, 3rd Cross Street, L.P. Nagar, Kottiwakkam, Chennai - 600041;Tel. (044) 24503150-3155(O), 24510560(R); Fax: 24502344; Email: tsbl71@hotmail.com; Sp. Crustacean Reproductive Biology/ Cryobiology.

- SUDARSHAN, Sundararajarao (b. 1965) PhD, FNAE, Subarao M. Nilekani Chair Professor, Computer Science & Engineering Department, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. B-157, Ananta Bldg, Hillside, IIT Bombay, Powai, Mumbai 400076; Tel. (022) 25767714(O), 25768714(R), 09819704745(M); Fax : 25720290; Email : sudarsha@cse.iitb.ac.in; Sp. Computer Science & Engineering/Database Systems.
- 2013 SUJATHA, Mulpuri (b. 1961) PhD,FAPAS, Principal Scientist & Director (A), ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad 500030; Res. Flat No. 401, Park View Garden Apartments, Masab Tank (Near NMDC), Hyderabad 500028; Tel. (040) 24598110(O), 09440880335 (M); Fax : 24017969; Email: mulpurisujata@yahoo.com; sujatador@gmail.com; Sp. Plant Genetics & Biotechnology.
- SUJATHA, Ramdorai (b. 1962) PhD, FNA, FASc, Professor, Mathematics Department, University of British Columbia, 1984, Mathematics Road, Vancouver V6T122; Res. 550/12, Dodsworth Enclave, Bore Well Road, 5th Cross White Field, Bangalore 560066; Tel. (080) 28450186(R), 09920018274 (M); Email: sujatha@math.ubc.ca; Sp. Algebra/Algebraic Number Theory.
- SUKHATME, Suhas Pandurang (b. 1938) S.M.(MIT), Sc.D.(MIT), FNAE, FNA, FASc, Formerly Chairman, Atomic Energy Regulatory Board, Mumbai; Formerly Director, Indian Institute of Technology, Mumbai; Res. 2-A/8-C, Anjaneya Co-op: Housing Society, Orchard Avenue, Opp. Hiranandani Foundation School, Powai, Mumbai 400076; Tel. (022) 25701052(R), 09869616911(M); Email: 2570105s@gmail.com; spsiitb@yahoo.co.uk; Sp. Heat Transfer/Energy.
- 2017 SUKUMAR, Raman (b. 1955) PhD,DSc(hc),FASc,FNA,FTWAS, Honorary Professor, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru 560012; Res. Apt. FF-101, RP Orchards, No.4, 2nd Cross St., KEB Layout, Sanjaynagar, Bengaluru 560094; Tel. (080) 23600382, 22933102(O), 09448275600(M); Email: rsuku@iisc.ac.in; Sp. Tropical Forest Ecology/Wildlife Ecology/Climate Change.
- SUNDAR, C.S. (b. 1952) PhD, FNA, FASc, Director, Materials Science Division, Indira Gandhi Centre for Atomic Research, Kalpakkam- 603102; Res. 1, 2nd Street, DAE Township, Kalpakkam- 603102; Tel. (044) 27480069(O), 27481192(R); Fax: 2748008; Email: css@igcar.gov.in; Sp. Condensed Matter Physics/ Positron Annihilation Spectroscopy and Infrared Spectroscopy.

SUNDAR, Durai (b. 1973) PhD, Institute Chair Professor, Dept. of Biochemical Engineering & Biotechnology, Indian Institute of Technology Delhi, Hauz khas, New Delhi - 110016; Res. 18, Taxila Apartments, IIT Delhi Campus, Hauz Khas, New Delhi -110016; Tel. (011) 26591066(O), 26591901(R), Fax : 26582659; Email: sundar@dbeb.iitd.ac.in; Sp. Bioinformatics/ Computational Biology.

Computational Biology.

2004 SUNDAR, Shyam (b. 1953) MD, FRCP, (London) FAMS, FASc, FNA, FTWAS, Professor, Department of Medicine, Institute of Medical Sciences, Banaras Hindu University, Varanasi - 221005; Res. 6, S.K. Gupta Nagar, Lanka, Varanasi - 221005; Tel. (0542) 2367795(R); Fax: 2367568; Email: drshyamsundar @hotmail.com, doctorshyamsundar@gmail.com; Sp. Infectious Diseases/Medicine/Visceral Leishmaniasis.

2021 SUNDARA, Ramaprabhu (b. 1955) PhD, Emeritus Professor, Department of Physics, Indian Institute of Technology Madras, Chennai - 600036; Res. A7 49 Saraswathi Apartment, 3rd Main Road, Gandhi Nagar, Adyar, Chennai - 600036; Tel. (044) 22574862(O), 09444602362(M); Email: ramp@iitm.ac.in; Sp. Nanomaterials/Secondary Batteries/Hydrogen Energy.

2020 SUNDARAM, Raman Meenakshi (b. 1972) PhD, FNAAS, FISGPB, FIUSSTF, Director, ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad - 500030; Res. G410, Aparna Cyber Zon, Nallagandla, Sheri Lingampally, Hyderabad - 500019; Tel. (040) 24591226(O), 40179798(R), 09440488043, 07286835684 (M); Fax : 24591217; Email : rms_28@rediffmail.com; r.sundaram@icar.gov.in; Sp. Rice Biotechnology/Molecular Breeding/Genomics.

SUNDARARĀJAN, Govindan (b.1953) PhD,FNA,FASc, FNAE, FASM, FACerS, Distinguished Emeritus Scientist, ARCI, Hyderabad; Department of Metallurgical & Materials Engineering, IIT Madras, Chennai - 600036; Res.7th Floor, ARCI, IITM Research Park, Taramani, Kanagam Road, Chennai - 600113; Email: gsundararajan@iitm.ac.in, gsundar@arci.res.in; Sp. Surface Engineering/High Temperature Deformation and Fracture/Impact Dynamics and Ballistic Penetration.

SUNDARESAN, Velusamy (b. 1974) PhD, Principal Scientist, CSIR-Central Institute of Medicinal & Aromatic Plants Research Center, GKVK Post, Allalasandra, Bangalore - 560065; Res. No.210, White Rose, MSV Vivek Marvel Apartment, Surabhi Layout, Yelahanka, Bangalore - 560064; Tel. (080) 28460563 Ext.505(O), 07353100036(M); Fax : 28564707; Email : vsundaresan@cimap.res.in; resanvs@gmail.com; Sp. Taxonomy and Molecular Phylogeny of Angiosperms/ Biodiversity Characterization and Conservation Biology of RET species/DNA Barcoding of Medicinal and Aromatic Plants.

2008 SUNDARRAJAN, Asokan (b.1960) PhD, Professor, Department of Instrumentation, Indian Institute of Science, Bangalore - 560012; Res. 21, III Main, II Cross, MSH Layout, II Stage, Anand Nagar, Bangalore - 560024; Tel. (080) 22933195(O), 23334746(R); Fax: 23608686; Email: sundarrajan.asokan@gmail.com; sasokan@iisc.ac.in; Sp. High Pressure Instrumentation & Research/ Amorphous Semiconductors/Fiber Optic Sensors.

1997 SUNDER, Viakalathur Shankar (b.1952) PhD, FNA, FASc, Professor, The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai - 600113; Res. E1, Block III, Shivani Apts., 40 East Coast Road, Thiruvanmiyur, Chennai - 600041; Tel. (044) 22543210(O), 24516082(R), 09444950534 (M); Fax: 22541586; Email: sunder@imsc.res.in; Website: www.imsc.res.in/~sunder; Sp. Operator Algebras/Functional Analysis.

2021 SUNOJ, Řaghavan B. (b. 1974) PhD, FASc, Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai - 400076; Res. B 237, IIT Campus, Powai, Mumbai - 400076; Tel. (022) 25767173(O), 25768173(R); Email: sunoj@chem.iitb.ac.in; Sp. Chemical Science/Organic Chemistry/Theoretical Chemistry/Machine Learning.

2009 SUR, Deepika (b. 1954) MBBS, MD, FIPHA, Deputy Director, National Institute of Cholera and Enteric Diseases, P-33, CIT Road, Scheme- XM, Beleghata, Kolkata - 700010; Res. 14P, Middle Road, Entally, Kolkata - 700014; Tel. (033) 23631222(O), 22260065(R); Fax : 23639109; Email : dipikasur@hotmail.com; dipikasur@rediffmail.com; Sp. Clinical Medical Sciences/Epidemiology/Clinical Trials.

2001 SUR, Mriganka PhD, FRS(Vanderbilt), Newton Professor of Neuroscience, Director, Simons Centre for the Social Brain, Department of Brain & Cognitive Sciences, Massachusetts Institute of Technology, 43 Vassar Street, 46-6237, Cambridge, MA 02139; Email: msur@mit.edu;

SURESH, Kattera Appanna (b.1948) PhD, FNA, Raman Research Institute, Sadashivanagar, Bengaluru – 560080; Formerly Director, Centre for Nano and Soft Matter Sciences; Res. No. 92, 4 Main Road, Amarajyothi Layout, Cholanagar, RT Nagar Post, Bengaluru - 560032; Tel. 09972426358(M); Email: suresh@rri.res.in; skattera@yahoo.com, Sp. Liquid Crystals/Surface Science.

2011 SURESH, Venapally (b. 1966) PhD, FNA, FASc, Professor, Department of Mathematics & Computer Science, Emory University, 400, Dowman Drive, Atlanta, GA 30024, USA; Email: suresh@mathcs.emory.edu; suresh.venapally@gmail.com; Sp. Algebra/Number Theory/ Arithematic Geometry.

SURI, Anil (b. 1957) PhD, Staff Scientist VII, Cancer Microarray, Genes and Proteins Lab., National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi - 110067; Res. A-2, NII Campus, A.A.A. Marg, New Delhi - 110067; Tel. (011) 26703700(O), 26703720(R); Fax. 26742125; Email: aksuri@nii.ac.in; Sp. Cancer Biology/Cell Signaling/Gene Silecing.

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SUROLIA, Avadhesha (b. 1947) PhD, FNA, FASc, FTWAS, Formerly Director, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi - 110067; Honorary Professor, Molecular Biophysics Unit, Indian Institute of Science, Bangalore; Tel. (080) 22932714, 23602763; Fax: 23600535; Email : surolia@ mbu.iisc.ernet.in; Sp. Protein Folding & Design/Cell Surface Carbohydrate/Molecular Biology of Malaria Parasite and Antimalarial Drug.

Council: V.P. 2009-10

2002 SUROLIA, Namita (b. 1953) PhD, FASc, Faculty Fellow-Professor, Molecular Biology & Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore - 560064; Tel. (080) 22082820(O), 22082821(Lab); Email: surolia@jncasr. ac.in; Sp. Molecular Parasitology/ Biochemistry/Molecular Biology.

2014 SURY, Balasubramanian (b.1960) PhD, Professor,Indian Statistical Institute, Bangalore - 560059; Res. 211, Everest Apts., 8th Main, Malleswaram, Bangalore - 560003; Tel. (080) 26985445(O), 23313917(R), 09845195728(M); Fax : 28484265; Email : surybang@gmail.com; Sp. Algebraic Groups/Number Theory.

SURYAPRAKAŠH, Nagarajarao (b. 1956) PhD, CSIR Emeritus Scientists, Solid State and Structural Chemistry Unit, Former Professor & Chairman, NMR Research Centre (erstwhile), Indian Institute of Science, Bangalore - 560012; Res. No. 500, Deepthanshu, First Floor, 5th Main Road, Tatanagar, Bangalore-560092; Tel. (080) 22933300(O), 23412709(R); Email: nsp@iisc.ac.in; suryaprakash1703@gmail.com; Sp. NMR Spectroscopy/Liquid Crystals.

1999 SUSARLA, Krishna Shankar (b. 1947) MD, FAMS, FICPath, Emeritus Professor, Department of Neuropathology & Principal Co-ordinator, Human Brain Tissue Repository, Established CJD Registry at National Institute of Mental Health & Neuro Sciences, Bangalore - 560029; Res. Sri Balaji Orchid, #475, Flat No. 201, Wilson Garden 12th Cross, Bangalore - 560027; Bangalore 560029; Tel. (080)22218816 09341223566(M); Email: shankarsk2004@gmail.com; Sp. Neuropathology/Neurosciences/Medical Sciences.

2017 SUWAS, Satyam (b. 1969) PhD, Professor, Department of Materials Engineering, Indian Institute of Sciences, Bangalore - 560012; Res. EV 202, Vijnanapura Campus (IISc), New BEL Road, Bangalore - 560094; Tel. (080) 22933245(O), 23511242(R), 098800233480(M); Fax: 23600472; Email: satyamsuwas@iisc.ac.in; Sp. Crystallographic Texture/ Processing of Metallic Materials/ Mechanical Behaviour of Materials.

2012 **SWAMINATHAN, Soumya** (b. 1959) MD,FIAP,FNA,FASc,FAMS, Fellow, National Academy of Medical Sciences USA, Fellow, Academy of Medical Sciences, UK, Former Chief Scientist, World Health Organisation (WHO), Former Director General, Indian Council of Medical Research; Res. B8, 15, 3rd Seaward Road, Valmiki Nagar, Chennai - 600041; Tel. 09444057478(M); Email: doctorsoumya@yahoo.com; doctorsoumya@mssrf. res.in; Sp. **Basic and Clinical Medical Sciences/Infectious Diseases.**

Council: Mem. 2015-16

2007 SWAMY, Musti Joginadha (b. 1959) PhD,FASc, Senior Professor, School of Chemistry, University of Hyderabad, Hyderabad - 500046; Res. 157, Doyens Township, Serilingampally, Hyderabad-500019; Tel. (040) 23134807(O), 09866007530(M); Email: mjswamy@uohyd.ac.in; mjswamy1@gmail.com; Sp. Protein Chemistry and Protein-Ligand Interactions/Lipid Phase Behaviour and Lipid-Protein Interactions/Biomembrane Structure and Function.

- 2012 SWARNAKAR, Snehasikta (b. 1963) PhD, Senior Scientist, DDDB Division, Indian Institute of Chemical Biology, Kolkata 700032; Res. Sirsa, Flat 8, Block III, 59 Lake Road, Kolkata 700029; Tel. (033) 24995759/824(O), 24657489(R); Fax: 24735197; Email: snehasiktas@hotmail.com; Sp. Bio-chemistry & Protease Biology.
- SWARUP, Renu (b. 1960), PhD, Former Secretary, Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi; Res. Apartment No. 11031, Tower 11, ATS Pristine, Sector 150, Noida - 201310; Tel. (0120) 4132473(R), 09810226316(M); Email: swarup.dbt@nic.in; renuswarup01@ gmail.com; Sp. Biotechnology for the Welfare of Science & Society.

Council: Mem. 2021-22

- TAHSEEN, Qudsia (b. 1964) PhD, FASc, Professor, Department of Zoology, Aligarh Muslim University, Aligarh 202002; Res. 4/153N, Shibli Bagh, Hamdard Nagar, Jamalpur, Aligarh 202002; Tel. (0571) 2700920 Ext.3440(O), 07417481607(M); Email : qtahseen@gmail.com; qtahseen@yahoo.com; Sp. Taxonomy, Ecology & Developmental Biology of Nematodes.
- TALWAR, Gursaran Parshad (b. 1926) Docteur es Sciences, DSc(hc), FNA, FASc,FAMS, FRCOG (London ad eundem), FWAAS, Member La Academia Nacional de Medicina (Mexico), Director Research, The Talwar Research Foundation, E-6-8, Neb Valley, Neb Sarai, New Delhi 110068; Res. E-6, Neb Valley, Neb Sarai, New Delhi 110068; Tel. 08800322055(M); Email : gptalwar@gmail.com; Sp. Endocrinology/Reproductive Biology and Immunology.
- TAMANG, Jyoti Prakash (b. 1961) PhD, FNA, FNAAS, FNABS, FIAMS, FBRS, Senior Professor & Head, Department of Microbiology, School of Life Sciences, Sikkim University, Science Building, Tadong 737102, Gangtok; Res. Metro Point, 5th Mile, Tadong 737102, Gangtok; Tel. 09832061073, 08016099902(M); Email: jyoti_tamang@hotmail.com; Sp. Food Microbiology.
- 2004 TAMIZHMANI, Kilkothur Munirathinam (b. 1954) PhD, Professor, Dept. of Mathematics, Pondicherry University, Kalapet, Pondicherry-605014; Res. 49, 1st Cross, Bharathinagar, Pondicherry-605008; Tel. (0413) 265591-2655998 Ext. 394(O), 2236851(R), 09443406948(M); Fax: 2655255, 2655211; Email: kmtmani54@gmail.com; Sp. Integrable Systems.

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Council: V.P. 2011-12, Mem. 2022-23

- TANDON, Prahlad Narain (b. 1934) PhD, FIThP, Formerly Professor & Head Mathematic Dept., Harcourt Butler Technological Institute, Kanpur and Visiting Professor, Mathematics Department, Universiti Brunei Darussalam; Res. 191-193, Karmchari Nagar, Bareilly; Tel.: (0581) 2412208, 3090803; Email: gopal1960@yahoo.co.uk; Sp. Non-Newtonial Fluid Mechanics with applications to Physiological Fluid Dynamics/Synovial Joint Mechanics/Mathematical Modelling of Human and Biological systems and Disposal of Liquid Effluents.
- TANDON, Prakash Narain (b. 1928) MS,FRCS(England), DSc(hc), FAMS,FNA,FASc,FTWAS,FRSM, Mem.Norwegian Acad.Sc., Formerly Megh Nad Saha Distinguished Fellow of the NASI, Prayagraj; President, National Brain Research Centre, Near NSG Campus, Nainwal Mode, Manesar 122050 (Haryana); Professor Emeritus, Dept of Neurosurgery, AllMS, New Delhi 110029; Res. No. 1, Jagriti Enclave, Vikas Marg Ext., Delhi 110092; Tel. (0124) 2338929(O), (011) 22163272, 22150578(R); Fax: (0124) 2338928; Email: tandon@nbrc.ac.in; Website: nbrcindia. org; Sp. Neurosurgery/Neurosciences.

Council: Pres. 97-98 P. Pres. 99-2000 V.P. 89-90 Mem. 84-88, 91-96, 2001-2002 Spl. Inv. 2003-11

- TANDON, Pramod (b. 1950) PhD, FBS, FLS, FISEB, NASI Honorary Scientist; Formerly Vice-Chancellor & Professor of Botany, NEHU, Shillong; Project Director, IIM, Shillong; Chief Executive Officer, Biotech Park, Lucknow; Res. D-802, Shalimar Gallant, Vigyanpuri, Mahanagar, Lucknow 226006; Tel. (0522) 3132853(R), 09402135333(M); Email: profptandon @gmail.com; Sp. Plant Biotechnology.
 - Council: V.P. 2017-18 G.S. 2001-05 F.S. 2009-10 Mem. 99-2000, 2006, 2013-14, 2024-
- TANDON, Radhika (b. 1963) MD, DNB, FRCOphth, FRCSEd, FNAMS, Professor of Ophthalmology, Room 490, 4th Floor, Dr Rajendra Prasad Centre for Ophthalmic Sciences, AllMS, New Delhi 110029; Res. 413, Hawa Singh Block, Asian Games Village Complex, New Delhi 110049; Tel. (011) 26593145(O), 26498560(R), 09958834745(M); Fax : 26588919; Email : radhika_tan@yahoo.com; radhikatandon@aiims.edu; Sp. Ophthalmology/Cornea and Eye Banking/Cataract and Refractive Surgery.

1999 TANDON, Sampat Kumar (b. 1945) PhD, FNA, FASc, FTWAS, Adjunct Professor, Indian Institute of Science Education and Research, Bhopal, Bhopal Bypass Road, Bhauri, Bhopal -462066; Formerly Professor of Geology and Pro-Vice Chancellor, University of Delhi, Delhi; Res. A566C, Sushant Lok, Phase 1, Gurgaon - 122002; Tel. (0124) 4227715, 09810437365(M); Email: sktand@rediffmail.com; sktand@ iiserb.ac.in; Sp. Sedimentology/Quanternary Geology/ Palaeoclimate.

Council: Mem. 2017-18

1998 TANDON, Veena (b. 1949) PhD, FZSI, FHSI, FLS, NASI Honorary Scientist, Editor-in-Chief, Journal of Parasitic Diseases (Springer); Formerly Professor of Zoology, NEHU, Shillong; NASI Senior Scientist, Res. D-802, Shalimar Gallant, Vigyanpuri, Mahanagar, Lucknow-226006; Tel. (0522) 3132853 (R), 09436101747(M); Email: tandonveena@gmail.com; Sp. Parasitology/Helminthology.

Council: F.S. 2007-08 Mem. 2005-06 G.S. 2014-17

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1957 TEWARI, Hrishi Bhu (b.1930) DPhil, PhD(Emory, USA), DSc, FZS(Lond.), FRMS, FZSI, FNA, Formerly Senior Professor of Zoology & Head of the Department & Dean, Faculty of Science, Sukhadia University, Udaipur, Res. HIG, House No. 4/477, Housing Board Colony, Goverdhan Villas, Udaipur-313001; Tel. (0294) 2640872, 3201423(R), 09351412109(M); Email: hrishibhu@hotmail.com; Sp. Cell Biology/Histochemistry/

Neurochemistry.

1973 TEWARI, Swarup Narain (b. 1929) LLM, DPhil, DSc, FRIC, FCS(Lond.), FIC,FIndAForSc, Advocate, Consulting Forensic Scientist; Formerly Director, Forensic Science Laboratories, U.P. and Chemical Examiner and Serologist to Govt. of U.P; Res. 4/51, Lajpat Kunj, Civil Lines, Agra - 282002; Tel. (0562) 2854180, 2856758(O), 2521487(R), 9837653484(M); Sp. Forensic Science, Medicolegal Toxicology Narcotic Drug,

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TEWARI, Udai Bhan (b. 1944) PhD, Professor, Department of 1989 Mathematics & Statistics, Indian Institute of Technology, Kanpur- 208016; Res. Prabhu Sharan Apartments, Flat No. 203, 3A/227 Azad Nagar, Kanpur - 208002; Tel. (0512) 2597500, 7636, 7015(O), 2562049, (R); Fax: 2597500, 2590260; Email: ubtewari@iitk.ac.in; Sp. Harmonic Analysis/

Functional Analysis.

THAKARE, Nimba Krishna (b. 1938) PhD, FMASc, General Secretary, Indian Mathematical Society; The First Vice Chancellor, North Maharashtra University, Jalgaon; Res. 13, 1990 Jawahar Nagar, Behind Nirankari Bhavan, Sakri Road, Dhule -424001; Email: nkthakare@gmail.com Sp. Mathematics (Classical and Functional Analysis, Algebra, Discrete Mathematics).

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2018 THANGARAJ, Kumarasamy (b. 1963), PhD, FNA, FASc, JC Bose Fellow, CSIR-Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad - 500007; Res. 102, Surya Residency, Road No. 3, Snehapuri Colony, Nacharam, Hyderabad - 500076; Tel. (040) 27160222-31; 27192634(O), 09908213822(M); Fax : 27160591, 27160311; Email : thangs@ccmb.res.in; Sp. Population Genetics/Medical Genomics/Forensic Genetics.

THELMA, B.K., (b. 1955) PhD, FNA, FASc, Professor, Department of Genetics, University of Delhi South Campus, Benito Juarez Road, New Delhi - 110021; Res. Type VA, Teacher's Flats, University of Delhi, South Campus, New Delhi - 110021; Tel. (011) 24118201(Lab), 24117399(O), 24113548(R); Fax : 24112761, 26885270; Email : thelmabk@gmail.com; Sp. Human Genetics/Pharmacogenetics/Medical Genomics.

THIAGARAJAN, P.S. (b. 1948) MS, PhD, FASc, Visiting Professor of Systems Biology, Laboratory of Systems Pharmacology, Harvard Medical School, 200 Longwood Ave, Boston, MA 02115; Res. Chapel Hill, NC 27514, USA; Tel. 650/305-9290(O); Fax: 617/432-6716; Email: psthiagu@gmail.com; Sp. Computational Systems Biology, Distributed Computing.

- THRIVIKRAMAN, T. (b. 1943) M.Phil.,PhD, Formerly Professor, Mathematics Department, Cochin University of Science & Technology; Formerly Emeritus Professor, Department of Mathematical Sciences, Kannur University; Res. Thekkedathu Mana, Perole Palakkattu Link Road, Nileshwar 671314; Kasaragode Dist., Kerala; Email: thekkedathumana@gmail. com; Sp. Topology/Fuzzy Mathematics/History of Mathematics.
- THYAGARAJAN, Sadras Panchatcharam (b.1944) PhD, MD, DSc, FAMS, FIMSA, FABMS, FFTM (Glasgow), Distinguished Professor & Advisor to Chancellor, Vellore Institute of Technology, Chennai 600127; Res. No. 5, First Street, Nehru Nagar, Adyar, Chennai 600020; Tel. (044) 39931015(O), 4423456(R); Email: profspt@gmail.com Sp. Microbiology/ Virology/Biotechnology.
- TILAK, Kolluru V.B.R. (b. 1941) PhD, FNAAS, FNABS, FAPASc, FBS, FAMI, Formerly NASI Senior Scientist; Formerly Head, Div. of Microbiology, IARI, New Delhi and Emeritus Scientist (CSIR), Department of Botany, Osmania University, Hyderabad-500007; Res. D-111-112, May Flower Park, Mallapur, Nacharam, Hyderabad 500076; Tel. (040) 27173715(R), 09885023138(M); Email: tilakkvbr@gmail.com, tilakkvbr@yahoo.com; Sp. Microbiology (Soil/Agril. Microbiology).
- TIWARI, K.P. (b. 1942) D.Phil., FBRS, Formerly Professor & Head, Deptt. of Chemistry, Allahabad University, Prayagraj-211002; Res. 17/7A Kasturba Gandhi Marg, Prayagraj 211002; Tel. (0532) 2548520(R), 09415238446(M); Email: profkpt@yahoo. com; Sp. Natural Product Chemistry/Microbial Synthesis/Prostaglandin Biosynthesis and Assay/ Synthesis of Heterocyclics.
- TIWARI, Kamlesh Narayan (b. 1955) PhD, FNAAS, FISAE, Former Professor (HAG), Agricultural and Food Engineerng Department, Indian Institute of Technology Kharagpur, Kharagpur; Res. F-204, KDA Signature Greens, Indra Road, Vikas Nagar, Kanpur 208002, Tel. 09434944443(M); Email: kamlesh@agfe.iitkgp.ac.in; kn.tiwari0155@gmail.com; Sp. Agricultural Engineering/Soil and Water Engineering/Water Resource Engineering.
- 2019 TIWARI, Manoj Kumar (b. 1962) PhD,FNAE,FIISE,FIIE,FIETI, Director,National Institute of Industrial Engineering(NITIE), Vihar Lake Road, NITIE Admin Block, Powai, Mumbai 400087; Res. A-178, Department of Industrial & System Engg, IIT Kharagpur, Kharagpur; Tel. 09734444693(M); Email: mkt09@hotmail.com; mktiwari9@iem.iitkgp.ac.in; Sp. Logistics and Supply Chain Management/Manufacturing Planning and Scheduling/Optimization and Simulation.

2010 TIWARI, Virendra Mani (b. 1968) PhD, FNA, FASc, FTAS, Outstanding Scientist & JC Bose National Fellow, CSIR-National Geophysical Research Institute, Uppal Hyderabad - 500007; Tel. (040) 27012646(O), 27012585(R), 09440328269(M); Email: vmtiwari@ngri.res.in; virendra.m. tiwari@gmail.com; Sp.Geophysics/Hydrology/Geodynamics.

TOLE, Shubha (b. 1967) PhD, FASc, FNA, Senior Professor, Department of Biological Sciences, Tata Institute of 2010 Fundamental Research, Homi Bhabha Road, Colaba, Mumbai -400005; Res. 601, Meghnad, TIFR Complex, Homi Bhabha Road, Mumbai - 400005; Tel. (022) 22782878(O), 22804710(R); Fax: 22804610; Email: shubhatole@gmail.com; Sp. Neuroscience/ Developmental Biology.

Council: Mem. 2013-14

2017 TOMAR, Sushil Kumar (b. 1966) PhD, Vice Chancellor, JC Bose University of Science and Technology, YMCA, Faridabad (Haryana), NH-2, Sector-6, Faridabad-121006. Res. # T-1/6, Sector 25, Residential Complex, Panjab University, South Campus, Chandigarh – 160014; Tel. (0129) 2310102(O), 09463223629, 09560001291(M); Email: sktomar@pu.ac.in; sktomar66@gmail.com; vc@jcboseust.ac.in; Sp. Elastic Waves in Continuous Media/Convections in Fluids/ **Numerical Methods.**

1982 TREHAN, Parma Nand (b. 1927) PhD, Professor & Emeritus Scientist (CSIR), Physics Department, Panjab University, Chandigarh-160 014; Res. 460, Sector 4, Panchkula (Haryana);

Sp. Nuclear Physics/XRF Technique.

2022 TRIGUN, Surendra Kumar (b. 1957) PhD, FIAN, Former Senior Professor & Head, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi - 221005; Res. B2, 304, Tridev Complex, Sunderpur, Varanasi - 221005; Tel. 09415811962, 07991919128(M); Email : sktrigun@gmail.com; sktrigun@bhu. ac.in; Sp. Neurobiology/Cancer Biology/ Biochemistry.

2012 TRIPATHI, Anil Kumar (b. 1959) PhD, FNA, FASc, FNAAS, Professor of Biochemistry & Director, Institute of Science, Banaras Hindu University, Varanasi - 221005; Tel. (0542) 2307300, 2307301(O), 09451525811(M); Email: tripathianil@ rediffmail.com: directoris@bhu.ac.in: Molecular Sp. Microbiology/Bacterial Genetics/Gene Regulation.

Council : Mem. 2018-19

2019 TRIPATHI, Manjari (b. 1968) MBBS, MD, Professor, Room No. 705, 7th Floor, Neurosciences Centre, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029; Res. House No.1, Raheja Atlantis, Sect 31/32, Gurugram - 122001, Haryana; Tel. (0124) 4009408(R), 26594494(O), 09868398269. 09821908962(M) Fax: (011) 26588248; Email: mantriaiims@ gmail.com; Sp. Epilepsy/Sleep Disorders/Dementia.

2007 TRIPATHI, Pradeep Kumar (b. 1957) PhD, FNA, CSIR Emeritus Scientist, Former Chief Scientist & Head, Organic Chemistry Division, National Chemical Laboratory, Pune - 411008; Res. Mont Vert-1, B-17, Pashan Sus Road, Pune - 411021; Tel.(020) 25902050(O), 09421078425(M); Fax: 25902629; Email pk.tripathi@ncl.res.in; Sp. Synthetic Methodologies/ Asymmetric Synthesis/Total Synthesis of Biologically Important Natural Products.

2016 TRIPATHI, Renu (b. 1962) PhD, FISEB, Chief Scientist, Division of Molecular Parasitology & Immunology, CSIR-Central Drug Researh Institute, Lucknow- 226031; Res. 1/118 Vishesh Khand, Gomti Nagar, Lucknow - 226010; Tel. (0522) 2771940, 2771960(O), 4233762(R), 09415349883(M); Fax: 2771941; Email: renu1113@rediffmail.com; renu_tripathi@cdri.res.in; Sp.

Malaria Chemotherapy/Drug Resistance.

2011

TRIPATHI, Rudra Deo (b. 1953) PhD, FISEB, NASI Senior Scientist, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow - 226001; Res. 1/118, Vishesh Khand, Gomtinagar, Lucknow - 226010; Tel. (0522) 2297825(O), 4233762(R), 07376679779, 07905400315 (M); Fax: 2205836, 2205839; Email: tripathird@gmail.com; tripathi rd@rediffmail. com; Sp. Plant Stress Physiology/Environmental Biotechnology/Bioremediation of Heavy Metals and Metalloids/ Management of Arsenic Contamination in Crops/Rice.

2015 TRIPATHI, Sachchida Nand (b. 1971) PhD, FNAE, Professor, Department of Civil Engineering, Room No.314, Faculty Building, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. House No.450, Type IV, Indian Institute of Technology Kanpur, Kanpur - 208016; Tel. (0512) 2597845(O), 2598806(R), 09415050540(M); Fax : 2597395; Email snt@iitk.ac.in; sachchida.tripathi@gmail.com; Environmental Science and Engineering/Atmospheric

2000 TRIPATHY, Baishnab Charan (b. 1952) PhD, FNA, FNAAS, JC Bose National Fellow, School of Life Sciences, Jawaharlal Nehru University, New Delhi - 110067; Res. Yamuna Apartment One (Y-1), House No. 302, D6, Vasant Kunj, New Delhi-110070; Tel. (011) 26704524(O), 26742484(R), 26704524(O), (011)07894400787(M); Email: bctripathy@mail.jnu.ac.in; baishnab tripathy@yahoo.com; Sp.**Photo Biology/Biotechnology.**

TRIPATHY, Sriram Prasad (b. 1934) MD, FAMS, Formerly Director 1992 General, Indian Council of Medical Research; Res. No.2, Radhika Empire, Jagtab Nagar, Wanawadi, Pune – 411040; Sp.

Tuberculosis/AIDS.

TRIPATHY, Subhasish (b. 1961) PhD, Professor, Department of 2013 Geology & Geophysics, Indian Institute of Technology Kharagpur, Kharagpur - 721302; Res. 31-A, Kharvel Nagar, Bhubaneswar – 751001; Tel. (03222) 283384(O), 09438811500 (M); Email: stripathy@iitkgp.ac.in; Sp. Earth Sciences (Geo-Sciences).

2014 TRIVEDI, Prabodh Kumar (b. 1969) PhD, FNA, FASc, FNAAS, Director, CSIR-Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow - 226015; Res. 14-02-C, Metrocity Apartments, Papermill Colony, Nishat Ganj, Lucknow - 226007; Tel. (0522) 4302049(R), 09450450521(M); Email: prabodht@ hotmail.com; prabodh@nbri.res.in; Sp. Plant Molecular **Engineering/Environmental** Biology/Pathway technology.

Council: Mem. 2021-22

2018 TRIVEDI, Ritu (b. 1971), PhD, Senior Scientist, Endocrinology Division, Sector 10, Jankipuram, Sitapur Road, Lucknow -226031; Res. Metro City, 14/2C Paper Mill Colony, Nishatganj, Lucknow - 226001; Tel. (0522) 2772450 Ext.4397(O), 2771941(R), 09415769219(M); Email : ritu_trivedi@cdri.res.in; Sp. Endocrinology.

TULI, Rakesh (b.1953) PhD, FNA, FNAAS, FASc, JC Bose National Fellow & Senior Research Advisor, University Institute of Engineering & Technology, Sector 25, Panjab University, Chandigarh - 160014; Tel. (0172) 2544107(O), 2570765(R), 09915035511(M); Fax: 2547986; Email: rakeshtuli@hotmail.com; rtuli@pu.ac.in; Sp. Plant Biochemistry/Molecular Genetics/Food Biotechnology.

Council: Mem. 2007-08

2003 TUTEJA, Narendra (b. 1955) PhD, DSc, FNA, FASc, FNAAS, FTWAS, Former Group Leader & Senior Scientist, Plant Molecular Biology Group, ICGEB, New Delhi; Res. E69, Vasant Marg, Vasant Vihar, New Delhi-110057; Tel. 09811233350(M); Fax: (011) 2431268; Email: narendratuteja@gmail.com; Sp. Plant Molecular Biology/Plant Biotechnology/Crops Improvement/Stress Tolerance/Mango Malformation/Plant-Microbes Interactions.

TYAGI, Akhilesh Kumar (b. 1956) PhD, FNAAS, FNA, FASc, FTWAS, MN Saha Distinguished Professor, NASI & Ex Senior Professor, Department of Plant Molecular Biology, University of Delhi, South Campus, New Delhi–110021; Former Director, NIPGR; Res. A2-21 DDA Flats, Sector-E1, Vasant Kunj, New Delhi - 110070; Tel. 09871277558(M); Email: akhilesh@genomeindia.org; Sp. Plant Molecular Biology and Biotechnology.

Council: Pres. 2015-16 P.Pres. 2017-18 G.S. 2006-09 Mem. 2005

TYAGI, Anil Kumar (b. 1951) PhD, FNA, FASc, Former ViceChancellor, GGS Indraprastha University, New Delhi & Former
Professor of Biochemistry, University of Delhi; Res. C-23,
Second Floor, New Delhi South Extension, Part 2, New Delhi 110049;Tel. 09312266218(M); Email: akt1003@gmail.com; Sp.
Molecular Biology/Tuberculosis Research.

Council: Mem. 2017-18

TYAGI, Avesh Kumar (b. 1964) PhD, FRSC, FASc, FNAE, FNA, FTWAS, Distinguished Scientist, DAE and Director, Chemistry Group, Bhabha Atomic Research Centre, Mumbai - 400085; Res. C-901, Jai Gopi Krishna CHS, Deonar, Govandi Station Road, Mumbai - 400088; Tel. (022) 25595330(O), 09869443020(M); Fax: 25505151; Email : aktyagi@barc.gov.in; aktyagi.barc@gmail.com; Sp. Nuclear Materials/Nanomaterials/Functional Materials/Hybrid Materials.

TYAGI, Jaya Sivaswami (b. 1954) PhD, FNA, FASc, NASI Senior Scientist, Honorary Visiting Professor, THSTI Faridabad, Haryana; Former Professor & Head, Dept. of Biotechnology, AIIMS, New Delhi; Former JC Bose National Fellow; Res. C-23, Second Floor, New Delhi South Extensiion Part II, New Delhi-110049; Tel. 09810409761(M); Email: jayatyagi.aiims@gmail.com; Sp. Molecular Biology/Mycobacteriology.

Council: V.P. 2019-20

2010 TYAGI, Rakesh Kumar (b. 1962) PhD, FRE, Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi - 110067; Res. House No. 113, Uttarakhand Complex, Opposite Sutluj Hostel, Jawaharlal Nehru University, New Delhi - 110067; Tel. (011) 26738741(O), 26741369(R), 09971665071(M); Fax: 26741781; Email: rktyagi@yahoo.com; rkt2300@mail.jnu.ac.in; Sp. Molecular and Cellular Endocrinology/Nuclear Receptors in Health Disease/Nuclear Receptors and Drug Metabolism.

2017 UKIL, Anindita (b. 1975) PhD, FAScT, Assistant Professor, Department of Biochemistry, University of Calcutta, 35, Ballygunge Circular Road, Kolkata - 700019; Res. Udayan, Flat A10, 25/2B/1 Jheel Road, Dhakuria, Kolkata - 700031; Tel. (033) 24615455(O), 24154235(R), 09831319915(M); Fax : 24614849; Email : u.anindita@gmail.com; Sp. Cell Biology/Immunology/Molecular Parasitology.

1986 ULLAH, Aman (b. 1946) PhD, Distinguished Professor of Economics, Economics Department, 4104, Sproul Hall, University of California, Riverside, California 92521, USA; Tel. 951-827-1591(O), 951-750-2391(M); Fax: 951-827-5685; Email: aman.ullah@ucr.edu; Website: http://profiles.ucr.edu/aman.ullah Sp. Econometrics/Statistics/Machine Learning.

2018 UMAPATHY, Siva (b. 1959), PhD, FASc, FRSC, Director, Indian Institute of Science Education & Research Bhopal, Bhopal Bypass Road, Bhauri, Bhopal - 462066; Res. B-604, Whispering Meadows, RMV 2nd Stage, Dollars Colony, Bangalore North, Bangaluru - 560094; Tel. (0755) 2692316(O), 09448088381, 7225020007(M); Fax : 2692392; Email : siva.umapathy@gmail.com; Sp. Laser Spectroscopy/Laser Instrumentation/Photochemistry & Photophysics.

1994 UNTAWALE, Arvind Gajanan (b. 1940) PhD, FBS, FMASc, Formerly Deputy Director & Advisor, National Institute of Oceanography, Goa; Res. 48 Nirmiti, Sagar Society, Dona Paula, Goa - 403 004; Tel. (0832) 2452263(R), 09423883046(M); Email: arvinduntawale@rediffmail.com; Sp. Coastal Vegetation/Mangroves/Seaweeds.

UPADHYAYA, Kailash Chandra (b. 1946) PhD(Penn State, USA),FNA, INSA Senior Scientist, School of Life Sciences, Jawaharlal Nehru University, New Delhi - 110067; Formerly Professor & Dean, School of Life Sciences, JNU; and Formerly Vice-Chancellor, Maharaja Sayajirao University of Baroda; Res. C-601, Rudra Apartments, Plot No. 12, Sector 6, Dwarka, New Delhi - 110075; Tel. (011) 26738730(O), 42548653(R), 09871187171(M); Email : kcupadhyaya@yahoo.com; kcupadhyaya@gmail.com; Sp.Molecular Genetics/ Genomics/

Biotechnology.

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1999 UPADHYAY, Siddh Nath (b. 1946) PhD, FNAE, FBRS, FIAPSc, FIE, FAFES, Emeritus Professor of Chemical Engineering, Department of Chemical Eng. & Tech., Indian Institute of Technology (Banaras Hindu University) Varanasi, Varanasi - 221005; Res. B 33/14-13, Gandhinagar, Naria, Varanasi - 221005; Tel. (0542) 2317179(R), 09415372465(M); Email: snupadhyay.che@ itbhu.ac.in; upadhyaysnu@rediffmail.com; Sp. Transfer Processes/Heterogeneous Catalysis/Environmental Engineering/Renewable Energy.

2013 UPRETI, Dalip Kumar (b. 1958) PhD,FES, Chief Scientist, Lichenology Laboratory, CSIR-National Botanical Research Institute, Lucknow - 226001; Res. 4-D, South Wing, Shalimar Heights, 28, Jopling Road, Lucknow - 226001; Tel. (0522) 2297850, 851(O), 4062348(R), 09450400264(M); Fax : 2205836, 839; Email : upretidk@rediffmail.com; upretidknbri@gmail.com; Sp. Lichen Taxonomy/Ecology/Environment.

- 2000 UPRETY, Dinesh Chandra (b. 1945) PhD, FISPP, Emeritus Scientist, Division of Plant Physiology, Indian Agricultural Research Institute, New Delhi-110012; Res. H-69, Vikaspuri, New Delhi 110018; Tel. (011) 28540873(R), 09871986313(M); Email: upretydc@gmail.com Sp. CO₂ Enrichment Research and Technology/Photosynthesis, Drought Resistance in Crop Plants/Global Climate Changes & Crop Responses.
- VAIDYA, Arun Madhusudan (b. 1935) PhD, Formerly Professor, Mathematics Dept., Gujarat University, Ahmedabad; Res. 9 Dhanushdhari Soc., Near Dharnidhar Temple, Ahmedabad 380007; Tel. (079) 26621507(R), 09824633794(M); Email: arunvaidya3@gmail. com; Sp. Theory of Numbers (Mathematics).
- VAIDYA, Vidita Ashok (b. 1970) PhD, Professor, Dept. of Biological Sciences, Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai - 400005; Email: vvaidya@tifr.res.in; viditav@gmail.com;
- VALECHA, Neena (b. 1957) MBBS, MD, FAMS, Adjunct Faculty, PHFI, Former Regional Adviser (Malaria) WHO (SEARO); Former Scientist G & Director, ICMR-National Institute of Malaria Research; Res.Y-27A, Hauz Khas, New Delhi 110016; Tel. 09810162168(M); Email: neenavalecha@gmail.com; Sp. Medical Science/Pharmacology/Malaria.
- VALIATHAN, Martanda Varma Sankaran (b. 1934) ChM, FRCS(Eng.), FRCS(Canada), FRCP(Lond.), DSc(hc), FNA, FASc, FNAE, FAMS, FTWAS, National Research Professor, Manipal School of Life Sciences, Manipal Academy of Higher Education, Manipal 576104; Res. 'Ashima Kutir', 11th Cross, Dasharath Nagar, Manipal- 576104; Tel. (0820) 2922342, 2571201 Ext.22342(O), 09448381547(M); Fax: 2571919, 2570061-62; Email: ms.valiathan@manipal.edu; msvaliathan@gmail.com; Sp. Cardiac Surgery/Cardio Vascular Materials/Ayurveda.
- 1988 VARMA, Anupam (b. 1940) PhD, FNA, FNAAS, INSA Emeritus Scientist and Former ICAR National Professor, Advanced Centre for Plant Virology, Indian Agricultural Research Institute, New Delhi-110012; Res. 253, Jaimaa Apartments, Plot 16, Sector 5, Dwarka, New Delhi 110075; Tel. 09810217141(M); Email: anupamvarma@acpv.in; av.acpv@gmail.com; Sp.Plant Pathology/Plant Virology/Biotechnology.

Award: Prof. R.N.Tandon Mem. Lecture Award -Nat.Acad.Sci.Ind. (2000). Dr.BP Pal Mem. Lecture Award-Nat.Acad.Sci.Ind.(2013) Council: Mem. 90-93, 2011-12 Spl. Inv. 2002

VARMA, Indra Kumari (b. 1939) D.Phil., PhD(Glasgow), D.Sc.(Glasgow), Visiting Honorary Professor, NCU, Sector 23A, Gurugram – 122017; Formerly Emeritus Professor, Centre for Polymer Science & Engineering, IIT Delhi, New Delhi; Res. 634, Pkt. E, Sector 21, Gurugram - 122016; Tel. (0124) 2365340, 09582972226(M); Email: ikvarma@hotmail.com; Sp. Polymer Science/Polymer Chemistry.

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1969 VARSHNEY, I.P. (b. 1927) PhD, DSc, FRSC, Formerly Professor of Chemistry; Res. 91, Mahabirganj, Near Jain Mandir, Aligarh-202 001; Sp. Organic Chemistry (Natural Products).

VARSHNEY, Rajeev Kumar (b. 1973) PhD, ML, FTWAS, FCSSA, FASA, FNA, FASc, FNAAS, Research Program Director-Genetic Gains & Director, Center of Excellence in Genomics & System Biology, Building 300, International Crop Research Institute for the Semi-Arid Tropics, Patancheru - 502324; Res. 602/ISH 15, ICRISAT Campus, Patancheru - 502324; Tel. (040) 30713305(O); Fax: 30713074; Email: varshney.raj@gmail.com; Sp. Genomics/Genetics/Molecular Breeding.

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VASAGAM, Ramaswamy Manicka (b. 1939) B.E.(Hons), M.Tech., Former Vice-Chancellor, Anna University, Chennai; Res. T19/2, Coastal Road, Kalakshetra Colony, Besant Nagar, Chennai - 600090; Tel. (044) 2351445(O), 4918000(R); Fax: 2350397; Sp. Space Guidance & Control/System & Engineering/ Engineering Education.

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1988 VASUDEVAN, Padma (b. 1940) PhD, Formerly Professor, Centre for RDAT, IIT, New Delhi; Res. B-215, Chittaranjan Park, New Delhi-110019; Tel. (011) 26591176(O), 26031427(R); Email: padmav10@gmail.com; Sp. Chemistry.

Council: Mem. 92

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- VELUTHAMBI, Karuppannan (b. 1953) PhD,FASc,FNA, Formerly Professor & INSA Senior Scientist, School of Biotechnology, Madurai Kamaraj University, Madurai 625021; Res. Plot 3, North 1st Street, Palkalai Nagar East, Kalvi Nagar, Madurai 625021; Tel. (0452) 2458458(R), 09443927365(M); Email : kveluthambi@rediffmail.com; Sp. Plant Molecular Biology/ Genetic Engineering/Plant Molecular Virology.
- VENKATACHALAPPA, M.(b.1947) PhD, FNA, Formerly Professor, Department of Mathematics, Bangalore University, Bangalore; Res. 653, 13th Cross, 27th Main, HSR Layout, Sector-1, Agara, Bangalore - 560102;Tel.(080) 25721906(R), 09845448381(M); Email: mvenkatachalappa@hotmail.com; Sp. Fluid Mechanics /Magneto Hydro-dynamics.
- 1980 **VENKATAPPA, M.P.** (b. 1927) PhD(Illinois), Former Professor, Chemistry Department, Central College, Bangalore University, Bangalore 560001; Res. 46, IV 'N' Block, Rajajinagar, Bangalore 560010; Tel. (080) 23122854(R); Sp. **Physical Chemistry/Bio-polymers/X-ray Diffraction Studies.**
- VENKATARAMAN, Chandra (b. 1963) PhD,FNAE, Professor of Chemical Engg. & Associate Faculty, Interdisciplinary Programme in Climate Studies, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. B-195, 3rd Floor, Ananta, Indian Institute of Technology Bombay, Powai, Mumbai- 400076; Tel. (022) 25767224(O), 25725052(R), 09819670388(M); Email: chandra@iitb.ac.in; cv140401@gmail. com; Sp. Atmospheric Science/Environmental and Climate Science/Aerosol Chemistry and Physics.
- VENKATARAMAN, Ganesan (b.1932), PhD, FNA, FASc, Formerly Distinguished Scientist, DRDO & Vice-Chancellor, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam; Res. W6, A14-15 Mandir, Prasanthi Nilayam 515134; Tel. (08555) 286142(R); Email: gvraman108@gmail.com; Sp. Condensed Matter Physics.
- VENKATESWARLU, J. (b. 1934) PhD, Former Director, Central Arid Zone Research Institute, Jodhpur 342003; Res. 26, SBI Colony, Gandhi Nagar, Hyderabad 500080; Tel. (040) 27532928(R), 09849040635(M); Email : jagarlapudi34@ yahoo.co.in; Sp. Dry Land Farming/Soil Fertility Evaluation in River Valley Projects/Watershed Development.
- 1996 VERMANI, Lekh Raj (b. 1940) PhD, Formerly Professor, Kurukshetra University, Kuruskshetra; Flat No. D-402, Nav Sanjivan Apartment, Plot No. 1, Sector 12, Dwarka, New Delhi 110078; Tel. 09466751501(M); Email : Irver@yahoo.com; vermanilr@gmail.com; Sp. Algebra (Cohomology of Groups/ Group Rings and Algebraic Coding Theory).

1979 VERMA, Arun PhD, DSc, Professor, Mathematics Dept., University of Roorkee, Roorkee-247 667;

- 1990 VERMA, Ganpati Prasad (b. 1941) PhD,FESI,FBS, Former Professor & Head, P.G. Dept.of Zoology, Berhampur University, Berhampur-760 007; Res. B/5,University Campus, Berhampur-760007; Tel. (03482) 7217(R); Sp. Cell Biology/Histochemistry.
- VERMA, Hriday Narain (b. 1942) PhD, FBS, FPSI, FISEB, Vice-Chancellor, Jaipur National University, Jagatpura, Jaipur 302017; Tel. (0141) 719000, 2754399(O), 09829667237, 09351288076(M); Fax: 2752418; Email: vc@jnujaipur.ac.in; vermalko@yahoo.co.uk; Sp. Plant Virology/Plant Pathology/Plant Protection/Molecular Biology.

Council: Mem. 2021-22

- VERMA, Jugal Kishore (b.1958) PhD, FNA, FINSA, Professor, Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai 400076; Res. B119, Central Area, IIT Bombay Campus, Powai, Mumbai 400076; Tel. (022) 25767478(O), 25768478(R), 09819307484(M); Fax: 25723480; Email: jkv@math.iitb.ac.in; Sp. Commutative Algebra.
- VERMA, Mahendra Kumar (b. 1966) PhD, FNA, FASc, Professor, Department of Physics, IIT Kanpur, Kanpur 208016; Res. H.No. 4074, IIT Kanpur, Kanpur 208016; Tel. (0512) 2597396(O), 2598515(R), 09399746029(M); Email: mkv@iitk. ac.in; Sp. Turbulence/Nonlinear Physics/Nonequilibrium Statistical Physics.
- 1977 VERMA, Mahendra Pratap (b. 1931) PhD, Formerly Professor & Head, School of Studies in Physics, Vikram University, Ujjain; Res. 303, Beverlypark Apartment, 422, New Hyderabad, Lucknow 226007; Sp. Solid State Physics/Plasma Physics.
- VERMA, Praveen Kumar (b. 1966) PhD, Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi 110067; Res. Flat No. 9008, Sector C, Pocket 9, Vasant Kunj, New Delhi 110070; Tel. (011) 26704519(O), 09911119929(M); Email: praveenkverma@jnu.ac.in; pkv.jnu@gmail.com; Sp. Plant-Microbe Interaction.
- VERMA, Rama Shanker (b. 1956) PhD, Director & Professor, Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj 211004; Res. Director's Residence, Motilal Nehru National Institute of Technology Allahabad, Prayagraj 211004Tel. 09444055161(M); Email: vermars@iitm.ac.in; dr.ramashankerverma@gmail.com; Sp. Stem Cell/Immunology/Molecular and Cell Biology.

Council: Tr. 2024-

VERMA, Rishendra (b. 1953) PhD,DSc,FNAVSc, FNAASc, Former Joint-Director (CADRAD), ICAR-Indian Veterinary Research Institute, Izatnagar; Joint Director (Research), National Dairy Research Institute, Karnal, ICAR-Eemritus Scientist, ICAR-Eemritus Professor, Ex-Professor of Eminence (Microbiology), MJP Rohilkhand University, Bareilly (UP); Res. 1219/6, E-Block, Rajendranagar, Izatnagar-243122,Distt: Bareilly (U.P.); 09359117376(M); Email: rishendra_verma@yahoo.com; Sp. Microbiology/Immunology/Mycology/Laboratory Animal Science.

VERMA, Sandeep (b. 1966) PhD(Illinois), FNA, FASc, FRSC, JC Bose National Fellow, Secretary, Science and Engineering Research Board (SERB), New Delhi, and Center for Nanoscience, and Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur - 208016; Res. House No. 654, IIT Kanpur, Kanpur - 208016; Tel. (0512) 6797643(O), 6798786(R), 09935081810(M); Fax: 6796806; Email: sverma@iitk.ac.in; secretary@serb.gov.in; Sp. Chemical Biology/Bioinspired Soft Matter/Bionanotechnology.

Council: Mem. 2021-22

VERMA, Satish Chander (b. 1931) PhD, FLS, FBS, FIFS, FISCG, FISPM, UGC Emeritus Fellow; Professor Emeritus, Panjab University, Chandigarh; Formerly Professor & Head of Botany, Panjab University, Chandigarh; Res. 5452/1, CAT-2, Modern Housing Complex, Manimajra, Chandigarh - 160101; Tel. (0172) 2734773(R), 07087997352(M); Email : verma1sc@ yahoo.co.in; sc.verma1931@gmail.com; Sp. Cytology/ Genetics/Reproductive Biology (Plants)/Cytotaxonomy and Biology of Ferns.

1975 VERMA, Virendra Krishna (b. 1934) PhD, FIAS, Formerly Professor & Head of Geology and Dean, Faculty of Science, University of Delhi, Delhi; Res. B-3/1, Janakpuri, New Delhi-110058; Tel. (011) 25597554(R), 09818158495(M); Email: profvk_verma@yahoo.com; Sp. Geology Geomorphology/Sedimentology/Geo-Environment.

VIJAYAN, Edathil (b. 1943) PhD, MAMS, FRE, Former ICMR-Emeritus Medical Scientist & UGC-Visiting Professor in Biotechnology, Cochin University of Science & Technology, Kochi; Chairman, NASI-Kerala Chapter; President, Society for Biotechnologists India; Res. Villa #1, Imperial Gardens, Tripunithura, Kochi - 682306, Kerala; Tel. 09995465535, 09895031172(M); Email: drvijayan@cusat.ac.in; evjmenon@gmail.com; Sp. Neuroendocrinology/Reproduc-tive Biology/Immunoendocrinology/Neuroscience.

1989 VIJAYARAGHAVAN, Ramanuja (b.1931), PhD, FNA, FASc, Formerly Distinguished Professor; INSA Senior Scientist; Res. 305, Vaigyanik Coop. Hsg. Soc., Plot 58-59, Sector 14, Vashi, Navi Mumbai - 400703; Tel. (022) 27667554(R); Email: rvramanujan@yahoo.com; Sp. Solid State Physics.

VIJAYRAGHÁVAN, Krishnaswamy (b. 1954) PhD, FNA, FASc, FRS, FTWAS, Principal Scientific Advisor, Gol, Former Secretary, Govt. of India, Department of Biotechnology, Block 2, CGO Complex, Lodi Road, New Delhi - 110003; Tel. (011) 24362881, 24362950(O); Fax: 24360747; Email: vijay.dbt@nic.in; vijay@ncbs.res.in; Sp. Developmental Genetics.

VIJH, Ashok Kumar (b. 1938) FRSC, FTWAS, FIEEE, FIInstP, FAPS, FNA, Maitre-De-Recherche, Institute de recherche di, Hydroquebec, 1800 Montee St.Julie Varennes Que, Canada J3XISI; Res. 289 Rue De la Commune #45, Montreal, Que, Canada H2Y2E1;Tel.(514) 6528234(O), 2820408(R); Email: ashok@ireq.ca,vijh.ashok@hydro.qc.ca; Sp. Electrochemistry/ Solid State Science/ Chemical Physics of Interfaces.

VINAYACHANDRAN, P.N. (b. 1964) PhD,FASc, Professor, Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science, Bangalore - 560012; Res. NE-307, Block 4, New 'E' Type, Indian Institute of Science, Bangalore - 560012; Tel. (080) 22933065(O), 23601013(R), 09845740257(M); Email: vinay@iisc.ac.in; pn.vinayachandran@gmail.com; Sp. Oceanography/Ocean Modeling.

VIRK, Daljit Singh (b. 1944) PhD(Birmingham), DSc(Birmingham), FNA, FNAAS, C.Biol., FRSB, Formerly Professor (Sr.Millet Breeder), Department of Plant Breeding, Punjab Agricultural University, Ludhiana - 141001; Formerly International Coordinator & Sr. Research Fellow, Centre for Advanced Research for International Agriculture and Development (CARIAD), Bangor University, Bangor, Wales, LL57 2UW, U.K.; Res. 18, South Brae Close, Littleover, Derby DE 23 1WD, UK; Tel. 044-1332-766629(R), 0044-7799057846(M); Email: dsvirk2012@gmail.com; Sp. Genetics & Plant Breeding.

1990 VIRMANI, Surinder Mohan (b.1938) PhD, FISSS, FNASS, Formerly Principal Scientist, ICRISAT and Formerly Professor of Soil Science and Chief Scientist, Dryland Agriculture, Haryana Agricultural University, Hissar; Res. House #189A, Model Town Extension, Ludhiana - 141002; Tel. (0161) 4100327(R), 09515706336(M); Email : smvirmani1938@gmail.com; Sp. Sustainable Agriculture/Improved Natural Resource Management.

2009 VISHVESHWARA, Šaraswathi (b. 1946) PhD, FASc, NASI Honorary Scientist, Molecular Biophysics Unit, Indian Institute of Science, Bangalore - 560012; Res. 92, 1st Main Road, RMV II Stage, 1st Block, Bangalore - 560094; Tel. (080) 22932460(O), 09448351017(M); Fax: 23600535; Email: saraswathi@iisc. ac.in; Sp. Computational Biology/Bioinformatics/Protein Structure Networks.

2011 VISHWAKARMA, Ram (b. 1960) PhD, Council of Scientific & Industrial Research, Anusandhan Bhavan, Rafi Marg, New Delhi – 110001; Former Director, IIIM, Jammu; Tel. 09419182833, 09797522611(M); Email: ram@iiim.ac.in; Sp. Chemical Biology/Glycobiology/Drug Discovery.

VIYOGI, Yogendra Pathak (b. 1948) PhD, FNA, INSA Emeritus Scientist, DAE Raja Ramanna Fellow and Outstanding Scientist, Variable Energy Cyclotron Centre, 1/AF, Bidhan Nagar, Kolkata - 700064; Formerly Director, Institute of Physics, Bhubaneswar; Res. Block 8, Flat 2B, Diamond City North, Kolkata - 700055; Tel. 09831037532(M); Email: viyogi@gmail.com; Sp. Experimental Nuclear Physics.

1994 VRAT, Prem (b. 1944) PhD, FNAE, FWAPS, FISTE, FIIIE, Chairperson, Board of Governors, IIT (ISM), Dhanbad; Pro Chancellor; Professor of Eminence & Chief Mentor, The Northcap University, Sector 23A, Gurgaon - 122017; Res. 1240, Sector A, Pocket A, Vasant Kunj, New Delhi - 110070; Tel. (0124) 4195279(O); Fax: 2367488; Email: premvrat@ncuindia. edu; profpremvrat.iitd@gmail.com; premvrat@gmail.com; Sp. Industrial Engineering & Operations Research and System Dynamics for Policty Modeling.

Council: Mem. 2009-10

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1991 WADHWA, Shashi (b. 1948) MBBS, MS, PhD, FAMS, FASc, FIANS, Formerly Professor, Department of Anatomy, AIIMS, New Delhi; Res. B-114, Sector 30, Noida-201303; Tel.09910769909(M); Email : shashiwadhwa@hotmail.com; shashiwadhwa.anat@gmail.com; Neurobiology/ Sp.

Developmental Neuro science.

2000 WADIA, Spenta Rustom (b. 1950) PhD, FNA, FASc, FTWAS, Infosys Homi Bhabha Chair Professor and Founding Director, International Centre for Theoretical Sciences, Shivakote, Bengaluru - 560089; ; Tel. (080) 46536010(O); Email : spenta. wadia@icts.res.in; spenta.wadia@gmail.com; Sp. Quantum Field Theory/String Theory/Quantum Gravity.

WAGH, Arun B. (b. 1938) PhD, Scientist F (Dy. Director) & Head, Marine Corrosion & Materials Research Division, National 1992 Institute of Oceanography, P.O.- N.I.O., Dona Paula, Goa - 403 004; Res. E-4, Staff Quarters, N.I.O. Campus, Dona Paula, Goa- 403004; Tel. (0832) 226253, 226256(O), 226037(R); Sp. Marine Biodeterioration/Marine Biology/Oceanography.

2007 WAGHMARE, Umesh Vasudeo, (b. 1968) PhD(Yale), FNA, FASc, Professor, Theoretical Sciences Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore - 560064; Res. 43, Maitreya, 4th Cross, Sector A, Amruth Nagar, Bangalore - 560092; Tel. (080) 22082842(O), 23622774(R), 09448287711(M); Fax : 22082767; Email : waghmare@ jncasr.ac.in; Sp. Multi-functional oxides/Nanomaterials/ Geometric Phases.

Council: Mem. 2019-20

1982 WAGHMARE, Yeshwant Ramchandra (b. 1937) PhD, FMASc, Emeritus Scientist, Department of Physics, University of Pune, Ganeshkhind, Pune - 411007; Res. Omkar, 9, Shri Mangal Society, Survey No. 46/2A, Paud Road, Pune - 411038; Tel. (020)25410432(R): Fax: 25435239: Email: vrw37@ rediffmail.com; Sp. Theoretical Nuclear Physics.

1986 WALI, Mohan K. (b. 1937) PhD(British Columbia), FAAAS, Professor Emeritus and Former Director, School of Environment and Natural Resources, The Ohio State University, 2021 Coffey Road, Columbus, Ohio 43210-1085, USA; Res. 5068 Winchell Court, Dublin, OH 43017-2165, USA; Tel. (614) 766-9759(R), (614) 378-9052(M); Email : wali.1@osu.edu; r columbus.rr.com; Sp. Ecology/Environmental Science. mwali@

2011 WANI, Mohan Ramachandra (b.1965) MVSc(Surgery), PhD(Medicine, England), FNA, FAMS, FNAVS, Tata Innovation Fellow, Director, National Centre for Cell Science, Pune University Campus, Ganeshkhind, Pune - 411007; Res. Parijat Apartment, Mayur Colony, Kothrud, Pune - 411038; Tel. (020) 25708121(O), 25430204(R), 09373000831(M); Email mohanwani@nccs.res.in; Sp. Bone and Cartilage Remodeling and Medicine, Osteoimmunology, Stem Cell Science and Regenerative Medicine.

2023 YADAV, Bal Chandra (b. 1970) PhD, Professor & Head, Department of Physics, School of Physical and Decision Science, Babasaheb Bhimrao Ambedkar University, Lucknow - 226025; Res. A-603, Rajvnash Residency, Shaheed Nagar, Near BBAU, Lucknow - 226025; Tel. 09450094590, 09450098880(M); Email : balchandra_yadav@rediffmail.com; bcyadava@bbau.ac.in; Sp. Applied Physics/Nanoscience & Nanotechnology/Physics and Technology of Sensors.

YADAV, Ganapati Dadasaheb (b. 1952) PhD, DSc(hc), DEng(hc), FNA, FTWAS, FNAE, FRSC, FIChemE(UK), FICS, FIIChE, 2003 FISTE, Emeritus Professor of Eminence & JC Bose National Fellow, Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai - 400019; Res. Palm Springs CHS, A1201, Plot No. 11-12-13, Near Peer Sayyad Badshah Udyan, Sector 7, Airoli, Nave Mumbai 400708; Tel. (022) 3361 2010/ 1111/2222(O), 09833090510(M); Fax: 33611020; Email: gd.yadav@ictmumbai.edu.in; gdyadav@gmail.com; gdyadav@ yahool.com; Sp. Chemical Engineering/Green Chemistry & Engineering/Catalysis Science Engineering/ Biotechnology/Nanomaterials & Nanocatalysis/Energy Engineering.

1993 YADAV, Jhillu Šingh (b. 1950) PhD, FNA, FASc, FTWAS, JC Bose Fellow, Provost, Director and Trustee, Indrashil University, At/PO: Rajpur, Taluka: Kadi, Dist: Mehsana - 382740, Gujarat; Former Director, CSIR-IICT; Tel. (2764) 278813/15(O), 07069076528(M); Email: yadavfna@gmail.com; Sp. Organic Synthesis/Natural Products.

Council: Mem. 2009-10

2023 YADAV, Om Parkash (b. 1963) PhD,FNA,FNAAS,FISGPB, Director, ICAR-Central Arid Zone Research Institute, Jodhpur - 342003; Res. Director's Bungalow, ICAR-Central Arid Zone Research Institute, Jodhpur - 342003; Tel. (0291) 2786584(O), 09413931805(M); Email: opyadav21@yahoo.com; Sp. Plant Breeding/Drought Tolerance/Natural Resource Management.

1999 YADAV, Rattan Lal (b. 1949) PhD, FISA, FNAAS, Formerly Director, Indian Institute of Sugarcane Research, Lucknow; Res. A 703, Ashadeep Apartment, Plot No. 3-B, Sector-2, Dwarka, New Delhi - 110075; Tel. (011) 25095062(R); Email: rattanlal.yadav@gmail.com; Sp. Agronomy/Cropping-Farming Systems/Organic Farming.

YADAV, Ram Ratan (b. 1956) PhD, FASc., CSIR-Emeritus Scientist, Wadia Institute of Himalayan Geology, 33 General Mahadev Singh Road, Uttarakhand Dehradun – 248001; Res. 14, Dropadi Vihar, Narayan Nagar, Faizabad Road, Lucknow - 226016; Tel. 09450394957, 09452694759(M); Email : rryadav2000@gmail.com; Sp. Climate Change/Palaeoclimate/ Tree-ring analysis.

2009 YADAV, Shrirang Ramchandra (b. 1954) PhD, FMASc, FNA, Professor, UGC BSR Faculty Fellow, Department of Botany, Shivaji University, Kolhapur - 416004; Res. 'Nisarg' Gulmohor Colony, Behind Dadu Chougale Nagar, Ujalaiwadi, Kolhapur - 416004; Tel. (0231) 2609389(O), 2607025(R); Fax: 2692333; Email: sryadavdu@rediffmail.com; Sp. Taxonomy of Angiosperm.

YADAV, Sudesh Kumar (b. 1976) PhD, FNAAS, Director, CSIR-Institute of Himalayan Bioresource Technology, Palampur – 176061, HP; Res. Campus Residence, CSIR-IHBT, Palampur-176061, HP; Tel. (0189) 4230411(O), 09418050116(M); Fax: 4230433; Email: director@ihbt.res.in; sudesh@ihbt.res.in; sudesh@ciab.res.in, sudeshciab1@@gmail.com; skyt@rediffmail.com Sp. Metabolic Engineering/ Biotechnology/Bioprocess Technology.

- YADAVA, Devendra Kumar (b. 1966) PhD,FNAAS, Assistant Director General (Seed), Indian Council of Agricultural Research, Room No. 101, Krishi Bhawan, Dr. R.P. Road, New Delhi 110001; Res. Bungalow No.B-15, Pusa Campus, ICAR-Indian Agricultural Research Institute, New Delhi 110012; Tel. (011) 23382257, 23046457(O), 09711075880, 09868537641 (M); Fax : 23382257; Email : dkygenet@gmail.com; Sp. Genetic Improvement of Oilseeds and Pulses/Development of Seed Systems.
- 1996 YAKHMI, Jatinder Vir (b. 1946) PhD, Senior Professor at HBNI, Former Chairman, Atomic Energy Education Society, and Ex DAE Raja Ramanna Fellow, HBNI, Mumbai; Formerly Adviser to Chairman, AEC & Ex. Associate Director, Physics Group, BARC, Mumbai; Res. B-2603, Sienna Tower, Lodha Fiorenza, Next to Hub Mall, Western Express, Goregaon (East), Mumbai 400 063;Tel. 09892991234 (M); Email: ya_kmi@yahoo.com; Sp. Superconductivity/Magnetism/Molecular Electronics/Molecular Magnets/ Sensors.
- YUSUF, Seikh Mohammad (b. 1965) PhD, DSc(hc), FNA, FASc, FMASc, Director, Physics Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400085; Former Director, Institute of Physics, Bhubaneswar; Res. 502, Breeze Park, Plot 64, Sector 14, Koparkhairane, Navi Mumbai 400709; Tel. (022) 25595608(O), 27547160(R), 09833983074(M); Email: smyusuf@barc.gov.in; smyusuf1@yahoo.com; Sp. Magnetism /Neutron Scattering/Condensed Matter Physics.
 Council: Mem. 2023-
- 2AIDI, Saiyid Aftab Ahmad (b. 1931) PhD(Toronto), Formerly Chairman, Department of Chemistry, Dean, Faculty of Science, Aligarh Muslim University, Aligarh; Res. Iram 4/1182 New Sir Syed Nagar, Aligarh 202002; Tel. 09871088234(M); Email: zaidiaftaba@hotmail.com; Sp. Coordination Chemistry.
- ZARABI, M.J. (b. 1947) PhD, Formerly Chairman-cum-Managing Director, Semiconductor Complex Ltd., S.A.S. Nagar; Res. C-28, Pamposh Enclave, New Delhi; Tel.(011) 26213249(R), 9810055795(M); Email: mjzarabi@yahoo.co.in; Sp. Microelectronics.
- ZINGDE, Mahesh Datta (b. 1947) PhD, Formerly Scientist-in-Charge, NIO, Mumbai; Res. 53, CH-3, Kendriya Vihar, Sector 11, Kharghar, Navi Mumbai 410210; Tel. (022) 2774455(R), 09930345733(M); Email : mzingde@gmail.com; Sp. Marine Pollution.

2UTSHI, D.P. (b. 1934) PhD, FNIE, FNEA, Formerly Director/Professor, University of Kashmir, Srinagar; Res. A-601, Satisar, Sec. 7, Plot 6, Dwarka, New Delhi - 110075; Tel. (011) 25087010(R), 09811779617(M); Email : dpzutshi601@gmail.com; Sp. Aquatic Ecology/Environmental Science/Conservation.

DECEASED HONORARY FELLOWS, FOREIGN FELLOWS AND FELLOWS

Abdi, Wazir Hasan Abhyankar, Krishna D. Abidi, S.A.H. Acharya, B.D. Adyalkar, Pandurang G. Agarwal, Ratan Prakash Agarwal, Shyam Swarup Agarwala, B.V. Agrawal, Hira Lal Ağrawal, Surendra K. Agrawal, Ved Prakash Ahuja, Paramvir Singh Aiya, S.V.C. Ajrekar, S.L. Ambasht, Radhey S. Anandakrishnan, M. Anderson, Philip Warren Arora, Rajeshwar K. Arunachalam, Puduru V. Asundi, R.K. Ayyangar, G.N.R. Bagchi, H.D. Bahadur, J. Bahl. K.N. Baker, Alan Ballabh, R. Banerjee, Arun Baran Banerjee, Haridas Banerjee, Rinti Banerjee, Srikumar Banerji, A.C. Banerji, Asoke Banerji, K. Banerji, S.K. Banerji, S.N. Banerji, Samir K. Barnabas, J. Baruah, P.K. Basu, N.M. Basu, Saradindu Battersby, Alan Rushton Bergstrom, Karl Sune Bhachhawat, B.K. Bhakuni, Dewan Singh Bhakuni, Vinod Bhanu, M.K. Bharadwaj, Y. Bhargava, H.N. Bhargava, H.R. Bhargava, Kameshwar S. Bhargava, S.N. Bhargava, S.R. Bhat, Pushkar Nath Bhatnagar, Arvind Bhatnagar, Hari Lal Bhatnagar, P.L.

Bhatnagar, S.S.

Bhattacharya, A.K. Bhattacharya, A.P. Bhattacharya, Abani K. Bhattacharya, Ajit Kumar Bhattacharya, D.R. Bhattacharyya, Bhabatarak Bhattacharyya, J.C. Bhawalkar, D.R. Bhide, Sumati V. Bhide, V.G. Bhonsle, B.R. Bilgrami, K.S. Bir, S.S. Biswas, B. Biswas, Samarendra N. Biswas, Sukumar Boggs, James E. Bohr, N. Bolin, Bert Richard Bondi, Sir Herman Borlaug, Norman E. Borton, Sir Derek H.R. Bose, A.G. Bose, Ashok Kumar Bose, D.M. Bose, Dwarka N. Bose, Kartic Chandra Bose, N.K. Bose, P.K. Bose, S. Bose, S.N. Bradshaw, Anthony D. Burma, Debi Prosad Burridge, W.C. Chakravarty, Ashim Kumar Chakravarty, Charusita Chakravorty, Maharani Champion, H.G. Chandel, K.P.S. Chandra, D.B. Chandra, H. Chandra, Naresh Chandra, Sudhir Chandra, Suresh Chandrasekhar, S. Chandrasekhar, S. Chandrashekaran, M.K. Charavartty, A.K. Chatterjea, Jnanendra N. Chatterjea, Jnanendra Nath Chatterjee, A.C.

Chatterji, Ram Gopal Chatterji, U.N. Chattoo, Bharat Bhushan Chaturvedi, Ravi Shankar Chauhan, Birendra S. Chhibber, H.L. Chinoy, J.J. Chinta Murthy, R. Chitre, S.M. Chopra, Kasturi Lal Chopra, R.N. Chopra, S.D. Chopra, S.R.K. Choudhary, Hari Shankar Choudhury, Bishwajit Choudhury, H. Choudhury, K.A. Clarke, G. Compton, A.H. Crisp, D.J. D'souza, Stanislaus F Dalitz, Richard Henry Daniel, Ranjan Roy Das Gupta, S.N. Das Gupta, S.N. Das, A.K. Das, B.K. Das, Jyotirmoy Das, Mukkattu R. Das, R.S. Das, S.M. Das, S.M. Datta. S. Dave, J. Sadashiv Dave, Laxmiprasad D. Dayal, B. Daval. J. Dayal, M. De, Samarendra Kumar Dehadrai, P.V. Deo, Satya Deodhar, D.B. Dey, Arun Kumar Dev. P.K. Dhar, M.L. Dhar, N.R. Dhawan, Bhola Nath Dhawan, C.L. Dhawan, Satish Dikshit, H.P. Dirac, P.A.M. Dominic, Candanat J. Doosaj, S.S. Doraiswamy, L.K. Drane, H.D.H.

Chatterjee, G.

Chatterji, K.P.

Chatterjee, R.C.

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Dresselhaus, Mildred S. Herman, Robert Lahiri, Benoy K. Lakhanpal, R.N. Dumir, V.C. Hulse, Joseph H. Dutta. Guru Prakash Husain, S.Izhar Lakshman, S.V.J. Lal. Devendra Dutta, Pratap Chandra lyengar, P.K. Lal, J.B. Dutta-Gupta, Aparna Jagannathan, V. DuttaMajumder, D.K. Jain, Amolak Chand Lal, Krishna Behari Dwivedi, Rama Shankar Lal, Ravindra Kumar Jain, Pawan K Lewis, Lord of Newnham Dwivedi, S.N. Jain, Rakesh Kumar Lighthill, Sir James Egami, Nobuo Jain, S.C. MacMahon, P.S. Einstein, A. Janardhan, Avula S. Mahalanobis, P.C. Ernst, Richard R. Jayannavar, Arun M. Maheshwari, P. Ferey, Gerard Jayaram, K. C. Maheshwari, Satish C. Fyfe, William Sefton Jhingran, A.G. Gandhi, I. Majumdar, C.K. Jhingran, V.G. Majumdar, Rabi Gandhi, R. Jhon, Mu Shik Malik, Chander Parkash Ganguli, D.N. John, Sheridan Malik, Surender K. Ganguli, P.B. Joshi, A.C. Malik, W.U. Joshi, Bhuwan Chandra Ganguly, D.N. Mall, Lallan Prasad Gautam, O.P. Joshi, S.S. Malviya, M.M. Ghose, S.L. Joshi, Shri Krishna Mani, M.S. Kakkar, Vijay Vir Kalam, A.P.J.A. Ghose, Tarun K. Manna, Govind Kisor Ghosh, Ashok Mansingh, Abhai Kamboj, V.P. Ghosh, Asok Kumar Mansingh, Ajai Kanungo, Madhu Sudan Ghosh, J. Maramorosch, Karl Ghosh, J.C. Kapahi, Vijay Kumar Marshall, Guy A.K. Ghosh, Jayanta K. Kapil, Ravinder Nath Martin, Andre Jean Ghosh, R.N. Kapitaza, P. Mathai. G. Kapoor, Jagat Narain Ghosh, S. Mathur, B.S. Ghosh, S.C. Kapoor, Ramesh C. Mathur, K.K. Ghosh, S.K. Kashyap, Ajai Kumar Mathur, K.N. Ghosh, Satyendra Nath Katiyar, J.C. Mathur, Prem Behari Gilbert, Lawrence Irwin Katiyar, Sarvagya S. Mathur, Rajendra S. Gill. Piara Singh Kaul. R.N. Mehra, H.R. Gnanam, Arumugam Kaw, Pedhiman Krishan Mehra, P.N. Goel, Parmatma Saran Khan, Reayat Mehrotra, A.P. Goodrich, E.S. Khare, H.C. Mehrotra, B.S. Govil, Girjesh Khare, M.K. Mehrotra, K.N. Govindarajulu, Zakkula Khattri, K.N. Mehrotra, R.C. Govindeswamy, S. Khetrapal, Chunni Lal Mehta, K.C. Mehta, Vikram B. Gowariker, V. Ranchhod Khokle, Waman S. Gowda, Halukuru Sanke Khorana, Har Gobind Menon, K.K.G. Menon, M.G.K. Merh, Sukumar S. Grover, Iqbal Singh Khoshoo, T.N. Khurana, J.P. Guha-Mukherjee, Sipra Kichlu, P.K. Mishra, A.B Mishra, M.L. Gulatee, B.L. Gupta, Anadi Sankar King, C.A. Mishra, R.D. Mishra, R.K. Gupta, D.R. Kishore, Kaushal Gupta, H.R. Kothari, D.S. Mishra, Ratan Shanker GUPTA, Narendra Pal Krishna Murti, C.R. Mishra, S.P. Misra, Ayodhya Prasad Misra, R.A. Gupta, Narendra Prakash Krishna, Bal Gupta, Purna Chandra Krishna, S. Misra, Ramdeo Gupta, S.R. Krishnaji Misra, Ramesh C. Krishnan, K.S. Guraya, S.S. Mitra, A.K. Krishnaswami, S. Guri, Marchuk Mitra, A.P. Gyani, B.P. Kristiansen, K. Mitter, J.H. Kulandaiswamy, V.C. Hahn, O. Mohammad, Ch. W. Hararay, P.K. Kumar, Anil Mohan Ram, H.Y. Kumar, Narendra Harary, Frank Mohan, Chandra Kumar, R. Hari Mohan Mohanty, Prasanna K. Kumar, Sushil Harley, J.L. Mookerjee, Abhijit Kushwaha, R.S. Mookherjee, Asoke Hasan, Mahdi Lahiri, A.N. Mowdawalla, F.N.

Hayaishi, Osamu

Reddy, Gurjal Madhava Richards, P.B. Robbins, Frederick C. Mukherjee, Santi Ram Porter, Baron of Mukhopadhyay, A.
Murthy, Chivukula A.
Murty, Y.S.
Mushran, S.P.
Nag Chaudhuri, B.D.
Nagarajan, Subrahmaniam
Nagaraju, Javare Gowda
Naba K Luddennam Prakash, Dharam Prakash, Ishwar Robinson, R. Robson, Peter Neville Prakash, Sheo Rodriguez, Placid Rohatgi, H.L. Roy, B.B. Pramanick, S.K. Prasad, Akhouri Balram Prasad, B. Roy, Durga Prasad Roy, R.P. Rudraiah, Nanjundappa Russel, E.J. Naha, K. Prasad, B.N. Naik, Subhash R. Prasad, Chandrika Nair, N. Balakrishnan Prasad, G. Nair, V.M.G. Prasad, K. Prasad, Mata Prasad, R. Raghu Sabhasri, Sanga Sachdev, P. L. Nakra, Bahadur Chand Narain, Hari Sadasivan, Toppur S. Sadhu, D.P. Narain, Prem Prasad, S. Prasad, S.N. Narasimha, Roddam Narasimhan, M.S. Prasad, Shiva Shankar Saha, A.K. Narasimhan, P.T. Saha, Ajit Kumar Prigogine, Ilya Narasimhan, P.T. Pullman, A. Pullman, Bernard Saha, M.N. Narasimhan, R Sahai, Brahma Nand Puri, G.S. Puri, Vishwambhar Narayan, Luxmi Sahni, B. Narayanam, P.S. Narlikar, V.V. Sahni, S. Purkayastha, R. P. Putchala, Mallikarjuna S. Saksena, K.M. Nataraja, A.V. Saksena, R.K. Saksena, S.B. Natarajan, Rajagopala Qasim, S.Z. Qureshi, M. Rai, M.M. Raj, Baldev Natarajan, Rajagopala Nath, Indira Nath, R. Nautiyal, D.D. Nayudamma, Y. Neergaard, P.P.F. Nehru, S.S. Nigam, Hira Lal Nigam, Prem Chandra Nigam, R.K. Nitvanand Saksena, Vimal C. Salam, Abdus Sampurnanand Sandhu, Sarjit Singh Sankaranarayanan, G.I. Santappa, Musa Raju, Nadimpalli Appala Rajulu, G. Sundara Ram, R. Ramachandra, K. Santhakumaran, L.N. Sanyal, N.K. Sarbhoy, A.K. Sastri, Malladi Narsimha Ramachandran, G.N. Ramaih, K. Ramamurthi, B Nityanand Normand, C.W.B. Ramamurthy, B. Satyanarayana, Y. Notain, N.K. Ramanna, Kaja Saxena, B.B.L. Ramaseshan, Sivaraj Padmanabham, G Saxena, R.N. Ramdas, L.A. Ramesh, Rengaswamy Saxena, Rajendra K. Paintal, A.S. Pal, B.P. Pal, N.L. Pal, Yash Schrader, S.H. Ranade, Jagannath D. Randhawa, M.S. Schrodinger, E Schultes, Richard E. Pal, Yash Paliwal, Kailash Pande, Jitendra Nath Pandey, Raj Mani Pandeya, Satish C. Pangtey, Y.P.S. Panikkar, N.K. Sen Gupta, N.N. Sen Sarma, Parimal K. Sen, B. Sen, J.M. Ranganathan, Subramania Ranjan, S. Rao, A.R. Rao, A.S. Rao, Barry R. Rao, Gudipaty S. Sen, K.C. Sen, N.R. Pant, D.D. Rao, K. Hanumantha Sen, P. Paranjpye, R.P. Parida, Ajay Kumar Parikh, J.C. Rao, Kalluri S. Sen, Parimal C. Seshadri, Conjeevaram S. Seshagiri, Narasimhiah Rao, M. Rama Mohana Rao, Neelamraju G.P. Parja, P. Rao, Patcha Ramachandra Seth, Prahlad K. Rao, S.N. Rao, S.R. Parulekar, Arun Sethi, N.K. Pascal, P Sethi, R.L. Rao, S.R. Rao, Sanjeeva P. Rao, T.S.S. Rao, Udipi R. Rastogi, Raghunath P. Rawat, J.S. Ray, B.B. Passi, IBS Sethna, Homi N. Shah, V.M. Shah, Vinodkant C. Pathak, Ram Shankar Patil, Ramakant P. Patin, Kalliahalit P. Patnaik, G.K. Patwardhan, P.Keshava Paul, Ram Chand Perti, Onkar Nath Peter, K.V. Shanmugam, G. Sharma, Archana Sharma, Arun Kumar Ray, M. Sharma, Chandra Bhan Ray, Naba Kishore RAY, Prasanta K. Sharma, Chandra Prakash Sharma, Devendra Pinford, E.S. Raychaudhuri, S.P. Ponnamperuma, C. Sharma, Ganpati P Raychaudhuri, Amal K. Porsezian, Kuppusamy Sharma, Mahendra N. Raychaudhuri, Syama P. Sharma, Vinod P.

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Shukla, G.S. Shukla, Ram Avtar Siddiqi, Obaid Siddqui, H.N. Singal, M.K.
Singh, A.N.
Singh, Amar
Singh, B.N.
Singh, B.N.
Singh, B.N.
Singh, B.N. Singh, Lalji Singh, P.R. Singh, P.R.
Singh, Rameshwar
Singh, R.P.
Singh, S.B.
Singh, Sankatha Pd.
Singh, Shyam Vir
Singh, U.N.
Singh, Udai Bir
Singh, Yagya Narain
Sinha, B.P.
Sinha, Sati R.Prasad Sinha, Surendra Nath Sinha, Suresh K. Sokolov, A.V.E Somayajulu, BL K. Soni, Balbir Krishna Sri Niwas Srikrishna, A. Srimani, P.K Srinivasan, Shiriyasan, M.S. Srivastava M.D.L. Srivastava, Anil Kumar Srivastava, B.N. Srivastava, Bal Krishna Srivastava, Brajesh B. Srivastava, G.D. Srivastava, G.P. Srivastava, Gopal K. Srivastava, H.D. Srivastava, Hari S. Srivastava, J.P.

Srivastava, K.P. Srivastava, Kailash N. Srivastava, O.N. Srivastava, P.L. Srivastava, Pratap N. Srivastava, R.S.L. Srivastava, Satya P. Srivastava, Siya Ram Srivastava, Sıya Ram Srivastava, Sushil K. Srivastava, T. N. Srivastava, Tej Narain Srivastava, U.S. Srivastava, V.K. Stone, Marshal H. Strang, J.A. Subbaraya, B. H. Subbarayappa, B.V. Sudarshan, EC George Sugahara, Tsutomu Sukhatme, P.V. Sulaiman, S.M. Sundaram, A.K. Sur, N.K. Swarup, Gopal Swarup, Govind Swarup, Krishna Swaminatha, M.S. Swift, Hewson Hoyt Szabo, T. Talukdar, S. Nath Talukder, Geeta Talukder, Geeta
Tandon, Amar Nath
Tandon, Bhup Kishore
Tandon, H.D.
Tandon, M.P.
Tandon, R.S.
Tandon, Rakesh K. Tandon, Ram N. Tandon, Sant P. Tata, J.R.D. Thakare, Vinayak K. Thakur, Chandrika Thapliyal, Jagdamba P. Thind, K.S.

Thottappilly, George Tiagi, Yagya Datta Tikader, B.K. Tikader, B.K.
Tiselius, A.
Titchmarsh, E.C.
Tiwari, R.D.
Tiwari, S.D.N.
Townes, Charles Hard
Trehan, Surindar Kumar
Tripathi Radhey Shyam
Tricathi Demonstr Tripathi, Ramesh C. Udayakumar, Makarla Vachaspati Vago, Constantin Valdiya, Khadg Singh Varadachari, V.V.R. Varma, Dharmendra S. Varma, Ram Kumar Venkatachala, B.S.R. Venkataraman, G.S. Venkataraman, Lalgudi V Verma, Ajit Ram Verma, B.G. Verma, D.N. Verma, G.S. Verma, Jeevan Prakash Vij, S.P. Vijayaraghavan, T. Vishwanath, B.N. Viswamitra, M.A. Wadia, D.N. Waksman, S.A. Wallace, Philip Russell WASIR, Harbans Singh Weil, Andre West, W.D. Wever, Gregorio Woese, Carl R. Wolfendale, Sir Arnold W. Yadav, J.S.P. Yosida, T.H. Zaheer, S.H. Zaidi, Sibte Hasan

Scientific Contributions of Fellows Elected in Year 2023

ACHARYA, Narottam (b. 1974), PhD, Scientist F, Infectious Disease Biology, Institute of Life Sciences, Bhubaneswar, for his significant contribution in the area of DNA replication in eukaryotes and vaccine development against fungal pathogen *Candida albicans*.

AGARWAL, Vivek (b. 1964), PhD, FASc, FNA, FNAE, Professor, Department of Electrical Engineering, Indian Institute of Technology Bombay, Mumbai, for his contributions to power electronics systems and photo voltaics.

ANILKUMAR, Thapasimuthu Vijayamma (b. 1961), PhD, FNAAS, Scientist G & Head, Division of Experimental Pathology, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, for pioneering a technology for isolating extracellular matrix of mammalian gall bladder and preparing tissue-graft scaffolds, for human and veterinary regenerative medical applications.

ARVIND (b. 1968), PhD, Professor & Vice Chancellor, Punjabi University, Patiala, for his outstanding works on quantum optics and continuous variable quantum cryptography. He along with his collaborators performed first quantum computing experiment in India. He has designed new protocols for secure quantum communication and has intensively worked on popularisation of science. He also leads the photonics vertical of QuEST, a national program of DST dedicated to quantum science and technology.

ASIF, Mehar Hasan (b. 1973), PhD, Senior Principal Scientist, CSIR-National Botanical Research Institute, Lucknow, for her works on fruit ripening and plant secondary metabolite synthesis using bioinformatics and computational biology. She has extensively worked to identify structural and regulatory genes in Banana, Mango and tomato specifically involved in ripening. She identified various molecular components for secondary metabolic biosynthesis in several medicinal plants, fibre quality and drought responsiveness in cotton and arsenic tolerance in rice.

BAJAJ, Avinash (b. 1980), PhD, Professor, Regional Centre for Biotechnology, Faridabad, for his work on improved delivery of chemotherapeutic drugs and development of small bioactive molecules for combining multidrug resistant bacterial pathogens.

BASU, Anupam (b. 1957), PhD, FNAE, Pro Vice Chancellor, Sister Nivedita University, New Town, West Bengal, for his outstanding contributions in low cost embedded systems, assistive living and natural language processing.

BATRA, Punita (b. 1970), PhD, Professor H, Mathematics, Harish-Chandra Research Institute, Chhatnag Road, Jhunsi, Prayagraj, for her outstanding contribution in the theory of Lie Algebras. She gave complete classification of almost compact real forms on affine Kac –Moody Lie Algebra which have been much cited.

BHAGAVATULA, Lakshmi Vara Prasad (b. 1969), PhD, FASc, Director, Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru, for his major contributions in the field ofsynthesis of metal nanoparticles and their assemblies and applications of soft and nano-materials

BHANDARI, Rashna (b. 1972), PhD, Staff Scientist VII, Centre for DNA Fingerprinting and Diagnostics, Hyderabad, for her significant contribution towards understanding the chemistry and biology of polyphosphates and establishment of the first mouse model to study polyphosphates.

BHASKARAN, Prasad Kumar (b. 1970), PhD, Professor & Head, Department of Ocean Engineering & Naval Architecture, Indian Institute of Technology Kharagpur, Kharagpur, for his significant contributions in the field of costal oceanography specifically regional wave prediction model for North Indian Ocean, tsunami modelling, tropical cyclones induced storm surges and coastal flooding

BISWAS, Debabrata (b. 1974), PhD, Senior Principal Scientist, Molecular Genetics Division, Indian Institute of Chemical Biology, Kolkata, for his contribution on understanding of SEC mediated transcriptional regulation and its implication on mixed lineage Leukemiafusion protein mediate leukemogenesis.

BISWAS, Ranjit (b. 1969), PhD, Senior Professor, SN Bose National Centre for Basic Sciences, Kolkata, for successfully implementing the interplay between experiments, formulation of theory, and computer simulations and making noteworthy contributions in several areas, including deep eutectic solvents and ionic liquids.

CHADA, Raji Reddy (b. 1973), PhD, Chief Scientist & Chair, Department of Organic Synthesis & Process Chemistry, Indian Institute of Chemical Technology, Hyderabad, for his outstanding contributions in organic synthesis towards human healthcare. The methodologies developed by him on the reactive sp-hybridized carbon resulted in diverse molecules having relevance to both fundamental and applied chemistry.

CHANDRA, Poonam (b. 1975), PhD, FASc, Associate Professor, National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune, (currently at National Radio Astronomy Observatory, 520 Edgemont Road, Charlottesville VA 23903, USA), for her fundamental contributions in the field of electromagnetic counterparts of gravitational waves. She has contributed to the study of magnetic massive stars and discovered a rare Cyclotron Maser Emission (ECME) in them.

CHATTOPADHYAY, **Buddhadeb** (b. 1979), PhD, Associate Professor, Centre of Biomedical Research, Lucknow, for seminal contributions towards the development of metal-catalyzed C-H borylation reaction via catalyst engineering to make high-valued N-heterocycles.

CHATTOPADHYAY, Kalyan Kumar (b. 1963), PhD, Professor & Head, Department of Physics, Jadavpur University, Kolkata, for his innovative contributions in the areas of designing novel p-type transparent conducting oxides with band engineering and anionic site doping. His in-depth research on the tunablephotoluminiscence (PL) from functionalized graphene quantum dots explained the origin of the tunable PL emission from such system.

CHATTOPADHYAY, Krishnananda (b. 1970), PhD, Chief Scientist & Head, Structural Biology & Bioinformatics Division, Indian Institute of Chemical Biology, Kolkata, for his significant studies on the early and unexpected events of protein conformation and conformational transition and their implications in model neurogenrative and infectious diseases.

DAS, Amitava (b. 1973), PhD, Senior Principal Scientist, Department of Applied Biology, CSIR-Indian Institute of Chemical Technology, Hyderabad, for his phenomenal work in the area of stem cell biology for regenerative

medicines.One of his research findings have led to the development of porous polyethylene glycol polyurethane scaffolds for stem cell delivery for tissue repair.

DATTA, Simanti (b. 1974), PhD, Professor, Centre for Liver Research, School of Digestive & Liver Diseases, Institute of PG Medical Education & Research, Kolkata, for her significant contribution in understanding the Biology of hepatitis B virus and the complex path physiology mechanism. Her work has great potential to be translated into effective therapy for hepatitis B which is still incurable.

DATTA, Sourav (b. 1979), PhD, Associate Professor, Department of Biological Sciences, IISER Bhopal, Bhopal, for his contribution to the understanding of plant-environment interaction. His work focuses on characterization of BBX transcription factors and their role in light signaling. He is also engaged in the characterization of MATE transporters for their role in mediating low phosphate and aluminium stress tolerance.

DEY, Abhishek (b. 1977), PhD, FASc, Senior Professor, School of Chemical Sciences, Indian Association for the Cultivation of Science, Kolkata, for his seminal contributions towards understanding the reactivity of metalloenzymes involved in catalyzing chemical transformations which require multiple electrons and protons electrochemically using a combination of synthesis, electrochemistry, spectroscopy and electronic structure calculations.

DUTTA, Sourabh (b. 1967), MD, PhD, FAMS, Professor of Pediatrics, Neonatology Unit, Department of Pediatrics, PGIMER, Chandigarh, for his major contribution to early diagnosis and effective treatment of neonatal sepsis. His focused research on neonatal sepsis has great potential to reduce morbidity and mortality of this disease with major public health significance.

GAUNS, Mangesh Uttam (b. 1970), PhD, Senior Principal Scientist & Head, Biological Oceanography Division, National Institute of Oceanography (NIO), Goa, for his comprehensive study on marine biodiversity and biogeochemistry of the northern Indian Ocean (NIO) which showed how biophysical coupling changes the food web dynamics and carbon cycling seasonally.

GEORGE, Subi Jacob (b. 1977), PhD, FASc, Professor & Head, NCU & SAMat, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, for his remarkable impact on the understanding of the mechanism of supramolecular polymerization at different scales, and the application of supramolecular organic materials.

GHOSH, Subimal (b. 1979), PhD, Institute Chair Professor, Department of Civil Engineering, Indian Institute of Technology Bombay, Mumbai, for his contributions in hydrometeorology that provide fresh perspective on land-atmosphere interaction in the complex Indian Summer Monsoon System.

GHOSH, Sumit (b. 1980), PhD, Senior Principal Scientist, Plant Biotechnology Division, CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow, for his contribution towards novel biosynthetic pathways and discovery of a catalogue of about 20 key enzymes that catalyze crucial reactions in biosynthesis of medically important compounds. Besides, he has provided insights into the molecular basis of the fruit ripening process.

GOGATE, Parag Ratnakar (b. 1975), PhD, FNAE, Professor, Department of Chemical Engineering, Institute of Chemical Technology, Mumbai, for his

seminal contribution towards design and scale up strategies of cavitation reactors.

GONGOPADHYAY, Krishnendu (b. 1978), PhD, Professor, Department of Mathematical Sciences, Indian Institute of Science Education and Research Mohali, Sector 81, SAS Nagar, for his notable contribution in the interface between Group Theory and Geometry, dealing with a broad range of issues on the theme, including classification of conjugacy classes, Symmetry groups, classification of isometries etc.

GOPALAN, Jagadeesh (b. 1966), PhD, FASc, FNAE, Professor, Department of Aerospace Engineering, Indian Institute of Science, Bangalore, for his seminal contributions in hypersonics and shock dynamics.

GULATI, Sheffali (b. 1971), MD, FAMS, Professor, Faculty I/C, Centre of Excellence & Advanced Research for Childhood Neuro developmental Disorders, Department of Pediatric, AIIMS, New Delhi, for significantly contributing to the understanding of developmental neurology and epilepsy research in India. The core area of contribution is neuro-muscular disorders.

GUPTE, Neelima (Madhukar) (b. 1956), PhD, Emeritus Professor, Department of Physics, IIT Madras, Chennai, for her significant contributions in the area of Nonlinear Dynamics and Chaos, wherein diverse issues pertaining to congestion in communication networks to multifractality in birdsong were addressed.

JAIN, Deepali (b. 1975), MD, Professor, Department of Pathology, All India Institute of Medical Sciences, New Delhi, for generating novel method of productive biomarker testing in resource constrained settings by containing conventional cytopathology with molecular technique using liquid biopsy specimens. This has led to novel understanding and more procure management of Lung tumors.

JHA, Gopaljee (b. 1980), PhD, Scientist V, National Institute of Plant Genome Research, New Delhi, for contributing to the understanding of molecular mechanism of interaction between rice and sheath blight disease causing fungal pathogen. His work on isolation of rice-associated bacterium that feeds on fungi has received wide appreciation.

JHALA, Yadvendradev V. (b. 1962), PhD, FNA, Former Senior Professor, Wildlife Institute of India, Dehradun; Res. Chandrabhuvan, Darbargarh, Wadhwan City, Gujarat, for designing and supervising the monitoring system of tiger, leopard, and other wildlife species in the Indian subcontinent; particularly ecological studies using satellite telemetry, and conservation genetics which have enhanced our understanding of the behavioural ecology. KANEKAR, Nissim (b. 1973), PhD, FASc, Professor H, National Centre for

Radio Astrophysics, Tata Institute of Fundamental Research, Pune, for his significant contributions to the studies of galaxy evolution and star-forming galaxies during the epoch of galaxy assembly. His careful astronomical investigations have placed the strongest limit on possible secular variation of the fine structure constant and the electron-to-proton mass ratio.

KANUNGO, Suman (b. 1967), PhD, Scientist F, Division of Epidemiology, National Institute of Cholera & Enteric Diseases, Kolkata, for his significant contribution towards estimating disease burden and prevention of enteric infectious diseases, particularly Cholera. His work on Cholera and its vaccine has been truly translational with potential to substantially reduce its related morbidity and mortality.

KAPUGANTI, Jagadis Gupta (b. 1980), PhD, FNAAS, Scientist V, National Institute of Plant Genome Research, New Delhi, for his significant contribution in nitric oxide (NO) biosynthesis and signaling in plants. He has uncovered the role of mitochondria alternative oxidase in NO biosynthesis. In addition, he has investigated the role of this NO pathway in seed germination, plant metabolism and defense pathway.

KAPUR, Manmohan (b. 1975), PhD, Professor, Department of Chemistry, IISER Bhopal, Bhopal, for developing several innovative methodologies for C-H and C-C functionalizations via transitional metal catalysis for site-selective and catalyst-controlled functionalization of pi-deficient N-heterocycles.

KARTHIKEYAN, Ganesan (b. 1970), MD, Professor of Cardiology, Cardiothoracic Sciences Centre, All India Institute of Medical Sciences, New Delhi, for his contribution to the management of rheumatic heart disease and mechanical heart valve thrombosis. His work has impactful management of cardiovascular disease.

KEMPAIAH, Kemparaju (b. 1964), PhD, Professor, Department of Studies in Biochemistry, University of Mysore, Mysuru, for his significant contribution in the area of snake venom pharmacology, platelet and neutrophil biology. He demonstrated that NETosis is the key mechanism of viper bite induced sustained tissue decay which can be alleviated by deoxyribonuclease treatment.

KHARWAR, Ravindra Nath (b. 1967), PhD, Professor, CAS in Botany, Institute of Science, Banaras Hindu University, Varanasi, for significant contributions in the field of structural and functional diversity of microbial endophytes. He evaluated the neem tissues for endophytic microbial suites with a maiden report on actinobacteria. He has reported functionalized antimicrobial, antioxidant and anticancer compounds from fungal endophytes. Prof. Kharwar also utilized the potential of fungal endophytes in plant growth by alleviating the salt and drought stresses.

KURPAD, **Anura Viswanath** (b. 1959), MD, PhD, FASc, FAMS, FRCP, Professor, Department of Physiology, St. John's Medical College, Bengaluru, for his primary contribution to the field of human mutation using isotopes. This has led to generation of prime evidence towards defining protein and amino acid requirement for human consumption.

LAISHRAM, Rakesh Singh (b. 1979), PhD, Scientist F, Rajiv Gandhi Centre for Biotechnology, Trivandrum, for his significant contribution in our undertaking of eukaryotic post- transcriptional gene regulation. Specially his work has discovered the novel regulatory functions of non-genomical polyadenylation in diverse biological processes.

LUTHRA, Kalpana (b. 1965), PhD, FAMS, Professor, Department of Biochemistry, All India Institute of Medical Sciences, New Delhi, for her studies on correlation of HIV virus in the human host, particularly in the pediatric population. This along with her work in generating broadly neutralizing human monoclonal recombinant antibodies provides new insight into therapeutic antibodies.

MALL, Rajesh Kumar (b. 1965), PhD, Professor, Dean & Head, IESD, Banaras Hindu University, Varanasi, for his seminal contributions in climate science for deciphering climatechange impacts on extreme weather events, crops, water, and human health and framing resilient adaptation strategies.

MANDAL, **Bhabani Prasad** (b. 1968), PhD, Professor, Department of Physics, Institute of Science, Banaras Hindu University, Varanasi, for his far-

reaching contributions in many areas including non-Hermitian but PT symmetric Hamiltonian and Finite Field BRST transformations in Gauge Theories. In addition, he has devoted special efforts to make STEM education accessible to Visually Impaired Students.

MEHRA, Mani (b. 1979), PhD, Professor, Department of Mathematics, Indian Institute of Technology Delhi, Hauz Khas, Delhi, for his impressive contributions in developing wavelet based schemes to solve partial differential equations on topologically complicated domains.

MITRA, **Rahul** (b. 1966), PhD, FNAE, Professor (HAG), Department of Metallurgical & Materials Engineering, Indian Institute of Technology Kharagpur, Kharagpur, for his seminal contributions towards processing structure property relation in refractory intermetallic alloys.

MUKHERJEE, Srabani (b. 1964), PhD, Scientific G, Department of Molecular Endocrinology, National Institute for Research in Reproductive and Child Health, Mumbai, for her immense contribution in understanding the molecular mechanism involved in the pathophysiology of polycystic ovary syndrome (PCOS). She has demonstrated dysregulation on ovarian angiogenesis in women with PCOS.

MUKHERJI, Suparna (b. 1966), PhD, FNAE, Professor, Environmental Science and Engineering Department, IIT Bombay, Mumbai, for her outstanding contributions in water and waste water treatment and environmental microbiology.

MUKHOPADHYAY, Achintya (b. 1968), PhD, Professor, Department of Mechanical Engineering, Jadavpur University, Kolkata, for his outstanding contributions on reactive system design and strategies for early detection and control of failure in gas turbines.

MYLAVARAPU, Sivaram Venkata Satya (b. 1974), PhD, Professor, Regional Centre for Biotechnology, Faridabad, for his contribution towards discovery of novel molecular mechanism that regulates cell division and the intercellular communication in animal cells. His work has been published in the advanced and high impact journal of cell biology.

NANDI, Ashis Kumar (b. 1967), PhD, Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi, for his significant contributions to the understanding of Immunity Development in Plants. His group identified novel proteins that are epigenetic regulator of infection memory in plants.

NITTALA, Chalapathi Rao Venkata (b. 1969), PhD(Hyd.), PhD(UK), FASc, FNA, Professor, Department of Geology, Institute of Science, Banaras Hindu University, Varanasi, for his original and path breaking fundamental contributions on the petrogenetic and petrophysical aspects of kimberlites, lamproites, lamprophyres, their entrained xenoliths and mafic dykes which enriched understanding of the mantle processes through geological time.

PANDEY, Jitendra (b. 1962), PhD, Professor, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi, for his innovative research contribution on Ganga River Ecology with special reference to ecological response index for simultaneous prediction of eutrophy and metal pollution; river ecosystem resilience index as a tool for river management.

PATRA, Abhijit (b. 1979), PhD, Associate Professor, Department of Chemistry, Indian Institute of Science Education & Research Bhopal, Bhopal, for his seminal contributions at the interface of supramolecular chemistry, polymers, and physical chemistry with significant impact in the area of functional materials.

PENMATSA, **Aravind** (b. 1982), PhD, Associate Professor, Molecular Biophysics Unit, Indian Institute of Science, Bangalore, has contributed in the area of Pharmacology especially role of secondary active transporter involved in the neurotransmission during multi drug efflux. He has made significant contribution in the area of understanding the neurotransmitter during antibacterial compound movement across lipid membranes and their block to affect neurological disorder.

RAJADURAI, Chandrasekar (b. 1973), PhD, FASc, FRSC, Professor, School of Chemistry, University of Hyderabad. Hyderabad, for his original contributions by developing organic nano/micro scale photonic materials and technology for use as optical-wave guides, optical resonators, nonlinear optical lasers, and optical circuits.

RAKSHIT, Sujay (b. 1970), PhD, FNAAS, Director, ICAR-Indian Institute of Agricultural Biotechnology, Ranchi, for his keen interest and involvement in genetic enhancement of crops like maize, sorghum, millets, rice, pea, and chickpea using both conventional and molecular tools. He has also been involved in the development of several varieties in maize hybrids and a forage sorghum variety.

RAMAMURTHY, P. Chandrashekarapura (b. 1973), PhD, Professor, Department of Materials Engineering, Indian Institute of Science, Bengaluru, for his outstanding contributions towards developing organic photovoltaics, sensors and ultra-thin EMI shivelding coatings.

RAY CHAUDHURI, Shaon (b. 1973), PhD, Professor, Department of Microbiology, Tripura University, Tripura West, for her contribution towards developing various processes of waste water treatment and products through microbial greening with the focus to reduce, reuse and recycle for environmental substances.

RAY, Manas Chandra (b. 1963), PhD, FNAE, Professor (HAG), Department of Mechanical Engineering, Indian Institute of Technology Kharagpur, Kharagpur, for his outstanding contributions in smart composite structures, nanostructure and strain gradient elasticity.

ROY, Dipanjan (b. 1977), PhD, Associate Professor, School of AIDE, IIT Jodhpur, Karwar, Rajasthan, for using cutting edge technologies of brain imaging and mapping to study. The connectivity of different regions of the brain during normal development and life course, as well as in neurodevelopmental disorders.

SAHOO, **Bijaya Kumar** (b. 1977), PhD, Professor, Physical Research Laboratory, Ahmedabad, for his novel contributions to the atomic physics that has made it possible for reliable calculations of isotope shift constants of atomic systems and for identifying very neutron rich magnetic nuclei. His calculations have set new limits for the chromo electric dipole moment of the combined up- and down- quarks.

SAMANTA, Luna (b. 1970), PhD, Professor, Redox Biology and Proteomics Laboratory, Department of Zoology, School of Life Sciences, Ravenshaw University, Cuttack, for significant contribution to the field of male infertility and contraception, particularly the role of active oxygen metabolism in testicular development, aging and impairment of sperm function.

SARKAR, Jaydeb (b. 1976), PhD, Professor & Head, Statistics-Mathematics Unit, Indian Statistical Institute, 8th Mile, Mysore Road, RVCE Post, Bangalore, for his outstanding contributions in the area of operating theory,

especially on the theme of the Arveson curvature invariant and characterization of invariant subspaces of a magnificent class of operators.

SENGUPTA, **Debarka** (b. 1983), PhD, Associate Professor, Department of Computational Biology, Indraprastha Institute of Information Technology, New Delhi, for his immense contribution towards single cell genomics for identifications of rare-cell type discovery and integrating it with microfluids and artificial intelligent to detect tumor cells of rare phenotypes from patient blood. His work has revealed unique cancer mutations that bear clinical relevance.

SHARMA, **Archana** (b. 1964), PhD, FNAE, Director, Outstanding Scientist, Beam Technology Development Group, Bhabha Atomic Research Centre, Mumbai, for her excellent techno scientific progress in the field of electron beam accelerators, plasma, laser, and pulsed power technologies.

SINGH, Divya (b. 1975), PhD, Senior Principal Scientist, Division of Endocrinology, Central Drug Research Institute, Lucknow, for her significant contribution in the understanding of bone formation and fracture-repair process. She has translated her findings and a few of the lead mutations are under the clinical trial.

SINGH, Ravindra Pratap (b. 1964), PhD, Senior Professor & Head, Atomic, Molecular & Optical Physics Division, Physical Research Laboratory, Ahmedabad, for his pioneering contribution on experimental quantum optics and quantum cryptography. His outstanding experimental work includes indigenous realisation of free-space quantum key distribution. He has also contributed enormously in India's national activities in the domain of quantum communication.

SINGHAL, Rekha Satishchandra (b. 1962), PhD, FNA, Professor, Food Engineering and Technology Department, Institute of Chemical Technology, Mumbai, for her pioneering work on the amalgamation of basic and applied sciences in food chemistry. She developed microencapsulation technologies of sensitive food components and fortification of foods with iron and Vitamin B12 and D. She handled many industrial projects and consultancies.

SUNDAR, Durai (b. 1973), PhD, Institute Chair Professor, Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology Delhi, New Delhi, for his contribution to natural product research for discovering biologically active compounds, in designing/analyzing genome engineering tools to develop their ability to quantitate/visualize genome editing outcomes and applications of Artificial Intelligence/Machine Learning in Biomedical Research.

SURESH, KG (b. 1968), PhD, Professor, Department of Physics, IIT Bombay, Mumbai, for his outstanding significant contribution to intermetallic compounds including magnetic, spintronic and topological aspects, with the aim of identifying novel, potential materials for applications such as magnetic refrigerators, sensors and spintronics specifically magnetocaloric materials and multifunctional Heusler alloys. He is well known for his dedicated teaching.

TANDON, **Vibha** (b. 1968), PhD, Professor, Special Center for Molecular Medicine, Jawaharlal Nehru University, New Delhi, for her significant contributions in the area of medicinal chemistry. One of the molecules from her research group has been identified that exerts radioprotection of the normal cells during radiotherapy of tumor patients derived xenografts.

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UPADHYAY, Ranjit Kumar (b. 1967), PhD, Professor (HAG) & Head, Department of Mathematics & Computing, Indian Institute of Technology (Indian School of Mines), Dhanbad, for his outstanding contribution in the field of non-linear differential equations. He proposed a mathematical model on the issue why chaos is rarely observed in natural population. For the first time, he provided the analytic proof for finite time blow-up of Lp norm in ecological models for large initial data.

VERMA, Praveen Kumar (b. 1966), PhD, Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi, for his outstanding research focusing on interactions between plant and fungal pathogens. His work has been instrumental in elaborating fungal virulence factors and host resistance function.

YADAV, Bal Chandra (b. 1970), PhD, Professor & Head, Department of Physics, Babasaheb Bhimrao Ambedkar University, Lucknow, for his outstanding contribution to the science and technology of sensor using nanomaterials and devices. He has used various oxide materials, conducting polymers and perovskite materials to detect important gases and other parameters.

YADAV, Om Parkash (b. 1963), PhD, FNA, FNAAS, Director, Central Arid Zone Research Institute, Jodhpur, for his work to understand the adaptive mechanism of crops to drought and water limited environments to develop stress-adapted cultivars of pearl millet, maize and peanut. The results led to identification of drought tolerance and disease resistance and release of 11 commercial cultivars.

YADAVA, Devendra Kumar (b. 1966), PhD, FNAAS, Assistant Director General (Seed), Indian Council of Agricultural Research, New Delhi, for highly significant contribution in oilseed brassica breeding and seed distribution system; released 22 varieties and developed generic resources for pathogen resistance, thermo-tolerance and yield. He has developed unique genetic resources by introgressing genes for resistance to Sclerotinea stem rot, Alternaria blight and thermo tolerance through inter-generic somatic hybridization.

Science & Society

GUPTA, Nivedita (b. 1974), PhD, Scientist F & In-charge, Virology Unit, E&CD Division, Indian Council of Medical Research, V. Ramalingaswami Bhawan, Ansari Nagar, New Delhi, for her significant contribution in viral research and diagnosis to effectively combat epidemics and pandemics of viruses including high risk pathogens like Nipah, Ebola etc. She has worked tirelessly for over the past 7 years to establish a network of 132 virus research and diagnostic laboratories, which has made India self-reliant for timely detection of viral disease outbreaks and diagnostic testing including COVID-19.

KAILASAVADIVOO, Sivan (b. 1957), PhD, FNAE, Former Secretary to Gol, Department of Space & Former Chairman, ISRO, ISRO Headquarters, Antariksh Bhavan, New BEL Road, Bangalore, for being the mission architect for 104 satellites launched in a single mission of PSLV. He led the flight testing of SCRAMJET engine and technology demonstration reusable launch vehicle (RLV-TD). He has established Mission Synthesis and Simulation Facility, Parallel computing facility and hypersonic Wind Tunnel Facility for ISRO's launch vehicle program.

SOMANATH, Sreedhara Panicker (b. 1963), ME, FNAE, Secretary to Gol, Department of Space & Chairman, Indian Space Research Organization, ISRO Headquarters, Antariksh Bhavan, New BEL Road, Bangalore, for his outstanding contribution in the area of space technology especially system engineering of launch vehicle. Under his able leadership ISRO has made a very successful landing on Moon on August 23, 2023, which has written the successful history of India's Moon Mission making the country's entry into the World leaders in space program.

Scientific Contributions of Foreign Fellows Elected in Year 2023

ATTFIELD, John Paul (b. 1962), DPhil, FNA, FRS, FRSE, FRSC, Chair, Centre for Materials Science at Extreme Conditions, University of Edinburgh. King's Building, Mayfield Rd., Edinburgh, UK, for his seminal contribution in the field of Chemistry-structure-property relationships in inorganic materials, typically transition metal oxides, nitrides of importance for electronic, magnetic and energy properties. He solved controversial 70-year old problem of how electrons order at low temperatures in original magnetic material magnetite. He is a highly decorated chemist, which include Fellow of Royal Society (2014) and Foreign Fellow, Indian National Science Academy (2019). CHORGHADE, Mukund Shankar (b. 1953), PhD, DSc, FRSC, President & CSO THINQ Phamra/Adjunct Research Professor, Harvard University, 7 Jones Court, Hillsborough, New Jersey, USA, for his manifold contributions in many areas of Development including Process Chemistry, Development, Industrial Chemistry and Good Laboratory Practices. He is currently helping many Indian universities establish key partnerships and faculty- faculty, student exchanges and faculty sabbaticals with the universities in the USA. He is an elected fellow in prestigious academic societies and has demonstrated skills in management of academic collaborations, global development of new chemical entities.

CHOWDARI, B.V.R. (b. 1943), PhD, DLitt(hc), DSc(hc), Senior Executive Director (Strategic India and Initiatives), Office of the Provost, National University of Singapore. He is the internationally acclaimed Materials Scientist with over 450 publications, 26000 citations, and H-index 85. He is a Fellow of the Singapore National Academy of Sciences (SNAS), former President of the Asian Society for Solid State Ionics-, the Materials Research Society of Singapore (MRS Singapore)-, and the International Union of Materials Research Societies (IUMRS). His research interests include the development of electrode and electrolyte materials for energy storage applications including Li-ion Batteries. He has nurtured and interacted with several research groups on Solid State Ionic Materials in India and abroad. As the lead person of the NUS - India Initiative and NTU - India Connect programs, he facilitated strong research collaborations between the Indian Universities and Institutes of Higher Learning through the exchange of hundreds of research interns and faculty leading to joint degree programs. He took lead in initiating and organizing Singapore-India Hackathon which brought both Governments and people closer. He is bestowed with Honorary degrees, the title Officer in the Order of Academic Palms by French Government, and Membership of the Board of Management of number of

ECKERT, Jurgen (b. 1962), PhD, FNAE, Director, Erich Schmid Institute of Materials Science Leoben, Austria, for his outstanding contributions in non-equilibrium processing, disordered systems, amorphous and Nano structured materials and structure – property correlations.

GHOSH, Sankar (b. 1959), PhD, Professor & Chairman, Dept. of Microbiology & Immunology, Columbia University, College of Physicians &

Surgeons, New York, for his seminal work in understanding the regulation of nuclear Factor-Kappa B (NF-Kappa B), a transcription factor that plays a critical role in regulating the expression of a large number of genes involved in the mammalian immune systems. He is an elected member of the National Academy of Sciences USA (2021) and National Academy of Medicine USA (2022).

SUBJECTWISE LIST OF HONORARY FELLOWS, FOREIGN FELLOWS AND FELLOWS

Agricultural Sciences
(Agriculture, Animal Husbandry, Fisheries, Forestry, Agricultural Toxicology, Soil Sciences, Plant Protection, Post Harvest Technology, Agicultural Engineering)

Name	Specialization
ABROL, Inder Pal ACHARYA, Chuni Lal	Soil Science/Agroforestry/Crop Production. Soil Physics/Soil Conservation/Water
ACHARYA, Radha Mohan	Management. Animal Genetics & Breeding/Biometrics/ Agriculture Research Management.
ADHYA, Tapan Kumar	Environmental Microbiology/Climate Change and Agriculture, Soil Microbial Diversity.
AGGARWAL, Pramod Kumar	Crop Ecology/Simulation Modelling/Environmental Impact Assessment. and Biotechnology.
AYYAPPAN, Subbanna BAGYARAJ, Davis Joseph	Fisheries/Aquaculture/Aquatic Microbiology. Agricultural Microbiology.
BALYAN, Harindra Singh BANERJEE, Rintu	Genetics/Plant Breeding/Crop Biotechnology. Food Biotechnology/Enzymology/Bio-Fuel and Bio-Energy.
BARANWAL, Virendra Kumar BHARGAVA, Suresh Chandra	Plant Pathology/Virology. Plant Physiology/Crop Physiology/Physiology of Flowering.
BHATTACHARYA, Ramcharan	Plant Molecular Biology and Agricultural Biotechnology.
BHOJWANI, Sant Saran	Plant Tissue Culture/Reproductive Biology of Flowering Plants/Plant Growth and Development.
BISHT, Naveen Chandra	Plant Secondary Metabolism/Plant G-proteins Signaling/ Plant Molecular Biology and Biotechnology.
BRUNTDLAND, (Mrs) Gro Harlem CHAKRABORTY, Supriya	Environment. Plant Virology/Biology of Plant-Virus Interactions/Plant Biotechnology.
CHATTERJEE, Ranjit Kumar	Parasitic Diseases/Parasite Chemotherapy/Parasite Immunobiology.
CHAUDHARY, T.N. CHERUKUMALLI, Srinivasa Rao	Soil Science. NRM/Soil Carbon Sequestration/Dryland Production Systems/Climate Change/ Contingency Crop Planning/Agriculture
CHHUNEJA, Parveen	Research Management/Climate Policy. Molecular Genetics/Genomics and Cytogenetics.

CHINNASWAMY, A. Food Engineering/Chemical Engineering/Food Genetics/Crop Improvement/Biotechnology. CHOPRA, Virender Lal DADARWAL, Kalu Ram Soil Microbiology - Biological Nitrogen Fixation. DAS, Punyabrata Fisheries and Aquaculture including Fish Genetics. DHAWAN, Vibha Plant Biotechnology. GHOSH, Probir Kumar Agronomy/Conservation Agriculture and Carbon Sequestration/Soil Water Conservation/Fodder Research. Parasitology/Immunology/ Epidemiology. GILL, Bakhshish Singh Cytogenetics/Genetics & Plant Breeding/Crop GUPTA, Pushpendra Kumar Biotechnology. Soil Science/Land Reclamation, Use of Low GUPTA, Raj Krishan Quality Waters, Conservation Agriculture and Farmer Participatory Adaptive Research. HEGDE, Narayan Ganapa Socio-Forestry and Rural Development. JAIN, Hari Krishan Cytogenetics/Plant Breeding/Agricultural Research Policy. Grain Storage/Grain Drying/Grain Quality JAYAS, Digvir Singh Monitorina. JHA, Gopaljee Plant Protection/Molecular Microbiology/Plant Sciences. JOSHI. Arun Kumar Agricultural Sciences. JUWARKAR, Asha Ashok Remediation of contaminated ecosystems/Wastewater reuse and recycle/Environmental Biotechnology/ Persistant Organic Pollutants. Plant Pathology/Agricultural Microbiology/ KALRA, Alok Medicinal and Aromatic Plants. KHARE, Mahendra Nath Plant Pathology/Seed Pathology/Soil-borne Diseases. KHUSH, Gurdev Singh Genetics/Plant Breeding/Biotechnology. KRANZ, Jurgen Epidemiology of Plant Diseases/Tropical Plant Diseases. KUMAR, Bhaskaran Pillai Mohan Agroforestry/Forest Ecology/Silviculture. Fisheries, Aquaculture Genetics LAKRA, Wazir Singh Molecular Biology/Microbiology. LAL, Rup MATHUR, Pramod Behari Veterinary Parasitology. Soil Science/Agricultural Chemistry. MISRA, Sheo Gopal MOHAPATRA, Trilochan Molecular Plant Breeding and Agricultural Genomics. Abiotic Stress of Plant/Molecular Biology of MONDAL, Tapan Kumar Rice and Tea/ Wild Species of Plant. MUKHERJEE, Prasun Kumar Trichoderma/Fungal Genetics/Secondary

Metabolism.

Nanotechnology.

and Mitigation.

MUKHERJI, M.K.

NAUTIYAL, Chandra Shekhar

NAYAK, Amaresh Kumar

Agricultural Chemistry/Soil Chemistry.

Plant Microbial Interactions/Agricultural Microbiology & Biotechnology.

Crop Natural Resource Management/Carbon Sequestration/ Climate Change: Adaptation

NIRANJANA, Siddapura R.

Plant Protection/Agriculture Biotechnology/

Seed Pathology. Genetics & Plant Breeding/Biotechnology. PANDEY, Suman Kumar Agricultural Biotechnology/Molecular PARIDA, Swarup Kumar Genetics/Molecular Breeding. Plant Breeding/Genetics. PARODA, Rajendra Singh PATHAK, Himanshu Climate Change/Soil Science/Rice-Wheat. PATHAK, Mano Dutta Agricultural Research & Administration. Soil Science/Soil Health/Soil PATRA, Ashok Kumar Biodiversity/Carbon Management Soil Chemistry/Soil Fertility and Plant PATRA, Dharani Dhar Nutrition/Medicinal and Aromatic Plants. PAWAR, Sharad Eknath Grain Legume Improvement (Plant Breeding & Cytogenetics). PENTAL, Deepak Genetic Engineering of Corp Plants, Mustard Breeding. PODILE, Appa Rao Molecular Plant-Microbe Interactions/Microbial Biotechnology in Agriculture. Plant Molecular Biology/Plant Biotechnology. POLUMETLA, Ananda Kumar PRABHU, Kumble Vinod Plant Breeding & genetics/Molecular Breeding/Genomics. PRADHAN, Akshay Kumar Plant Genetics/Plant Breeding/Plant Biotechnology. PRASAD, Rajendra Soil Fertility and Fertilizer use/Cropping Systems/Sustainable Agriculture Agronomy. PUSHPANGADAN, Palpu Biodiversity/Biotechnology/ Ethnopharmacology. Environmental Phycology/Cyanobacterial RAI, Lal Chand Proteomics and Genomics/ Abiotic Stresses. Plant Breeding. RAJARAM, Sanjaya RAKSHIT, Sujay Genetics/Genomics Assisted Crop Improvement/Biotechnology. RAMAMOORTHY, Bharatula Soil Chemistry/Soil Fertility. Genetics/Genetic Resources Management/ RANA, Rai Singh Biodiversity Conservation. RENFRO, Bobby L. Disease Resistance Breeding/Disease Epidemiology and Control /Maize Breeding.

SIDDAVATTAM, Dayananda SIDDIQ, Ebrahimali Abubacker SINGH, Ashok Kumar SINGH, Gyanendra Pratap

Silven, Gyanendia Fratap

SETHUNATHAN, Nambrattil SHARMA, Shashi Bhooshan

SHARMA, Shyam Kumar

SINGH, Kirti SINGH, Kishan SINGH, Mohar Breeding in Rice.
Genetics and Plant Breeding/Wheat
Improvement through Conventional and
Molecular Approaches.
Horticulture/Agricultural Education.
Plant Pathology/Sugarcane Research &
Management.
Pre-Breeding/Plant Genetic Resources/

Biosecurity/Food Security/Plant Health. Genetics & Plant Breeding/Crop

Biotechnology/Plant Genetic Resources.

Soil Sciences/Agricultural Toxicology.

Genetics & Plant Breeding/Molecular

Environmental Microbiology.

Plant Genetics & Breeding.

Genetic Improvement.

SINGH, Narpinder Post Harvest Technology (Food Science & Technology, Cereals and Pulses Grain Quality

and Processing).

SINGH, Udai Pratap Agriculture/Plant Sciences.

Food & Bioprocess Engg. & Technology SINGHAL, Rekha Satishchandra

involving Biomolecules of Food & Allied Areas(Nutraceuticals)/Enzyme Bioprocessing/ Supercritical Carbon Dioxide Extraction of

Biomolecules.

Fish & Fishery Science. SINHA, Vishwa Raman Prasad

SREEMAN, Sheshshayee M. Stress Physiology/Stable Isotope Biology/

Photosynthesis.

Plant Breeding/Molecular Genetics. SRIVASTAVA, Hari Krishna SRIVASTAVA, Jitendra Prasad Genetics/Plant Breeding.

Plant Genetics and Biotechnology. SUJATHA, Mulpuri Rice Biotechnology/Molecular SUNDARAM, Raman M.

Breeding/Genomics.

TILAK, Kolluru VBR Microbiology (Soil/Agril. Microbiology). Agricultural Engineering/Soil and Water TIWARI, Kamlesh Narayan Engineering/Water Resource Engineering.

Genetics & Plant Breeding. VIRK, Daljit Singh

VIRMANI, Surinder Mohan Sustainable Agriculture/Improved Natural

Resource Management. Diseases of Cereals.

Plant Breeding/Drought Tolerance/Natural YADAV, Om Parkash

Resource Management. Agronomy/Cropping-Farming

YADAV, Rattan Lal Systems/Organic Farming. YADAVA, Devendra Kumar

Genetic Improvement of Oilseeds and Pulses/Development of Seed Systems.

ZINGDE, Mahesh Datta Marine Pollution.

WILCOXSON, Roy D.

Aquatic Ecology/Environmental Science/ ZUTSHI, D.P.

Conservation.

Animal Sciences

(Structural, Developmental, Functional, Genetical, Ecological, Behavioural, Taxonomical and Evolutionary Aspects)

Name	Specialization
AGARWAL, Hari Charan AHMAD, Wasim AIN, Rupasri	Insect Physiology & Toxicology. Nematology/Taxonomy/Ecology. Developmental Biology/Stem Cell Biology/ Trophoblast Biology.
ALI, Sher	Personalized and Molecular Medicine/ Molecular Genetics and Comparative Genomics.
ANILKUMAR, T. Vijayamma	Toxicologic Pathology/Laboratory Animal Medicine/Veterinary Pathology.
BABU, Kavita	Invertebrate Genetics/Neurobiology/Molecular Biology.
BALASINOR, Nafisa Huseni BALASUBRAMANIAN, S.	Reproduction/Endocrinology/Epigenetics. Fish Endocrinology and Reproductive Biology/Developmental Biology/Sexual Development.
BAMEZAI, R.N.K.	Genetics/Human Genetics.
BAQRI, Qaiser Husain	Nematology (Taxonomy and Ecology of Plant & Soil Nematodes).
BAQUER, Najma Zaheer	Metabolic Regulation/Aging Brain Diabetes.
BELSARE, Devidas Kisan Rao	General & Comparative Endocrinology/Environmental
	Science/Comparative Biochemistry.
BHATNAGAR, Colonel Vinod K.	Physiology of Reproduction/High Altitude Physiology.
BHATNAGAR, Rakesh	Molecular Biology of Infectious Diseases/Vaccine Development/Bioinsecticides.
BHATTACHARYA, Nirmal Kanti	Physiology/Embryo Technology.
BHATTACHARYA, Samir	Comparative Endocrinology& Molecular Signaling.
BHATTACHARYA, Shailja	Parasitology/Experimental Filariasis/Antifilarial Drug Discovery/Discovery of Antifilarial Drug/Vaccine Targets/Immunomodulation.
BHATTACHARYA, Shelley	Mechanistic, Cellular and Environmental Toxicology.
CHANDRA, Hombe Gowda Sharat CHATTERJEE, Rabindra Nath	Human General Genetics/Evolution. Genetics/Developmental Biology/Sex Determination and Dosage Compensation/Chromatin Biology.
CHATTOPADHYAY, Pronobesh	Pharmacology & Toxicology/Animal Science.
CHATTORAJ, A.N.	Entomology.
CHAUHAN, Manmohan Singh	Biotechnology/Assisted Reproductive
CHOUDHURY, Amalesh Chandra	Technology/Animal Cloning. Protozoology/Parasitology/Marine & Estuarine Biology/ Mangrove & Coral Reef Ecology.
DAS, Asit Baran	Comparative Animal Physiology/Biochemistry.
DAS, Chandi Charan	Cytogenetics/Cytochemistry.

DAS, Gobardhan Infectious Diseases/Genetic Engineering/Immunity.

DASH Aditive Presed Procedure Presedure
DASH, Aditya Prasad Parasitology and Public Health.

DASH, Madhab Chandra

Ecology (Ecosystems Analysis and Modeling, Soil Biology & Vermitechnology, Population Ecology) and Environmental Science (Environmental Conservation and

Environmental Management, Environmental

Laws, EIA & EMP).

DATTA-MUNSHI, Jyoti Swarup

DEKA, Tarini Charan

Fish & Fisheries/Écology/Cell Biology. Animal Ecology/Entomology/Environmental

Biology.

DESAI, Bhagirath Navinkant Marine Environmental Sciences.

DEV, Vas Genetical/Taxonomical & Evolution/Ecology.
DEVI, P. Uma Radiation Biology/Experimental Oncology.
DHIMAN, Ramesh Chand Vector-Borne Diseases/Climate Change/Early

Warning.

DIGHE, Rajan R. Biochemistry/Molecular

DUBE, Anuradha Endocrinology/Reproductive Biology.
Immunobiology of Parasitic infections.

DUTTA, Sushil Kumar Taxonomy.

GADAGKAR, Raghavendra
GEETHA BALI
Animal Behaviour, Ecology/Evolution.
Behaviour/Neuroethology/Insect

Physiology/Biocontrol.

Genetics.

 ${\it GHASKADBI, Surendra\ Madhukar\ Developmental\ Biology/Cell\ Biology/Evolution.}$

GUPTA, Braj Bansh Prasad Endocrinology/Neuroendocrinology/

Reproductive Physiology.

GUPTA, Nawal Kishore Parasitology. GUPTA, Purshottam Das Cell Biology.

HOTI, Sugeerappa Laxmanappa Vector Borne Diseases/Immunology/

Biotechnology.

JAFRI, Ahmad Khalil Fishery Science/Fish

Biochemistry/Aquaculture Nutrition.

JAIRAJPURI, Mohammad Shamim Nematology/Environment/

Taxonomy/Evolution.

JHALA, Y. Vikramsinh Ecology/Conservation Biology/Conservation

Genetics.

JOSHI, Amitabh Evolutionary Genetics/Population Ecology.

KAMBOJ, Kamal Kumar Parasitology.

KAPOOR, Anoop Saran
KAUL, Dipika
Fish Biology/Endocrinology.
Molecular Biology/Cytogenetics.

KAUR, Gurcharan Medical Biotechnology/Neuroscience/Aging.
KHAJURIA, Hitopdeshak Ecology/Taxonomy of Mammals/Wild Life
Conservation/Zoo Management/Museology

Onservation/200 Management/Museoic

(Animals).

KHANNA, Vinay Kumar Neurotoxicology and Neuroprotection.

KHERA, Satendra

Parasitology/Animal & Plant
Nematology/Biology of Birds.

KOUL, Awtar Kishen Cytogenetics.

KUNDU, Gopal Chandra Cancer Therapy/Drug Development/

Nanomedicine Research/Clinical Cancer

Research.

Animal Sciences 363

Cytogenetics/Gene Expression/ Molecular LAKHOTIA. Subhash Chandra Biology/Stress Biology/Ayurvedic Biology. LALORAYA, Malini Reproductive Biology/Endocrinology/Free Radical & Membrane Biology. LOHIYA, Nirmal Kumar Reproductive Biology/Endocrinology. MADAN, Motilal Biotechnology/Animal Reproduction/ Reproductive Endocrinology. MADHUBALA, Rentala Molecular Parasitology/Cell and Molecular Biology. Reproductive Biology/Protein MAHALE, Smita Dilip Chemistry/Endocrinology. Endocrinology/Reproductive MAITI, Biswa Ranjan Biology/Histology. Environmental Endocrinology/Reproductive MAITRA, Saumen Kumar Biology/Chronobiology. MAJUMDAR, Subeer Suhash Animal Biotechnology/Endocrinology/ Reproduction. Animal Physiology/Developmental MALHOTRA, Rajender Kumar Biology/Muscle Biology. Fish Biology/Ecology (Wildlife). MALHOTRA, Y.R. Physiology/Neurophysiology; Neuro-MALLICK, Birendra Nath Pharmacology; Neuro-Cognitive Biology; Sleep- Wakefulness-REM Sleep. MANDAL, Lolitika Developmental Biology/Genetics/Stem Cell Biology. MANNA, Sunil Kumar Immunology/Receptor Biology/Tumor Biology. MARIA-JOSEPPH, Michael A. Endocrinology/ Reproductive Biology/Cancer Biology/Environmental Endocrine Disruptor. MARIMUTHU, Ganapathy Animal Behaviour and Chronobiology. MATHAVAN, Sinnakaruppan Genomics, Transcriptomics, MicroRNAs, Whole Genome Seq and Exome sequencing; Diabetic retinopathy; DNA methylation and Diabetic retinopathy. Reproductive Endocrinology & Toxicology/ MATHUR, Premendu Prakash Biochemistry/Bioinformatics. Comparative Endocrinology/Animal MEDDA, Ajit Kumar Physiology. Mammalian Reproduction/Early embryonic MEHROTRA, Purshottam Kishore development in female/Cell Culture/Molecular Biology. MICHAEL, Royappa George Limnology/Freshwater Fisheries. MODI, Deepak N. Reproductive Biology/Developmental Biology/Genetics. MOURYA, Devendra Tarachand Medical Entomology/Microbiology/Bio-Containment. MUKERJI, Mitali Genomics/ Ayurgenomics/Precision Medicine. MUKHOPADHYAY, Arnab Developmental/Functional/Genetical Aspects. MURALIDHAR, Kambadur Endocrinology/Biochemistry/Reproductive MURTHY, Puvvada Kalpana Filariasis: Host-Parasite Interaction/

Development of Immunoprophylactic(s)/New

Antifilarial Drug Development. Animal Physiology/Marine

Biology/Invertebrate Endocrinology.

NAGABHUSHANAM, Rachakonda

NANDEDKAR, Tarala Deepak Reproductive Biology/Ovarian Endocrinology/Cell Culture.

NIAZI, Iqbal Ahmad Developmental Biology of

Animals/Embryology/Regeneration.

NOMURA, Taisei Radiation Biology/Medical OKADA, Tokindo Developmental Biology.

OMKAR Biology, Ecology and Behaviour of Ladybird

Beetles & Biocontrol of Pests.

OOMMEN, Vilaverthottathil O. Comparative Endocrinology and Physiology,

Molecular Taxonomy and Biodiversity

Reproductive Biology.

PAL, Jayanta Kumar Cell Molecular Biology/Developmental

Biology/Genetic Engineering.

PANDA, Chinmay Kumar Cancer Genetics/Developmental Genetics/

Functional Genetics.

PANDIAN, Thavamani Jegajothivel Genetics and Fishery Science.

PARKASH, Ravi

PATHAK, Sen

Zoology/Genetics/Population Genetics.

Mammalian Cytogenetics/Human Cancer
Genetics/Apoptosis/Biology of Telomeres in
normal and Cancer Human and Murine
Cells/Cancer and Normal Cell Line

Authentication of Human and any Mammalian

Species (A to Z).

PATI, Atanu Kumar Chronobiology/Animal Physiology &

Behaviour.

PATRO, Isan Kumar Glial Neurobiology/Brain Ageing/

Neurodegeneration and Neuroprotection.

Neuroendocrinology/Mammalian Toxicology.

PRAKASH, Anil Malaria Vector Biology & Control and

Epidemiology.

PRAKASH, Bukkaraya Samudram Reproductive Physiology/Endocrinology.

PRASAD, Om

PRASADA RAO, Palle Deva
PURI, Chander Parkash
PURI, Sunil Kumar
RAHMAN, Qamar
RAI, Karamiit S.

Neuroendocrinology/Neurobiology/Fisheries.
Reproductive Physiology.
Parasitology/Malaria Drug Discovery.
Pulmonary Diseases - Toxicology.
Genetics of Mosquitoes/Genome

RAHMAN, Qamar Pulmonary Diseases - Toxicology RAI, Karamjit S. Genetics of Mosquitoes/Genome Evolution/Disease Control.

RAI, Umesh Immunoendocrinology and Reproductive

Physiology.

RAJPUROHIT, Lal Singh Animal Behaviour (Primate in Particular),

Ecology - Wildlife Conservation (Environmental Biology).

RAMAMURTHI, Rallapalli Comparative Animal Physiology/

Environmental Biology.

RAMAN, Rajiva Developmental Genetics/Human Genetics.

RANGANATH, Hassan A. Zoology/Genetics/Evolution.

RAO, Addicam Jagannadha Regulation of endocrine function of placenta

in primates/Role of trophic hormones in differentiation of endocrine tissues/Role of estrogen in regulation of epididymal function. Veterinary Microbiology/Animal Health.

ROY, Parimal Veterinary Microbiology/Animal Health. SAHA, Nirmalendu Comparative Animal Biochemistry and

Physiology.

Animal Sciences 365

Reproductive Biology/Animal SAIDAPUR, Srinivas K. Behavior/Evolution.

Insect Morphology/Insect Systematics. SAINI, Malkiat Singh

Immunology/ Radiation Biology/Cancer SAINIS, Krishna Balaji Biology/Medicinal Plants/Antioxidants. Male Infertility and Contraception/Active

SAMANTA, Luna Oxygen Metabolism/ Proteomics.

SENTHILKUMARAN, B. Fish Molecular Endocrinology, Reproductive Biology, Developmental Biology/Sexual

Development and Endocrine Disruption. Reproduction/Developmental Biology/Stem

SESHAGIRI, Polani B. Cell Biology.

Applied Entomology/Radiation Biology/Animal SETH, Rakesh Kumar

Physiology and Behavior. SETTY, B. Sreenivasulu Reproductive Biology

Developmental Physiology/Animal SHAH, Raman Vadilal

Physiology/Comparative Chordate Anatomy. SHANBHAG, Bhagyashri Achut Comparative Endocrinology & Reproduction (Vertebrates)/Herpetology/Animal Behavior.

SHARMA, Deepak Neuroscience/Brain Ageing/ Phytopharmacology.

Molecular Reproductive Physiology/Stem Cell SHARMA, G.Taru

Genetics, Evolution and Behaviour. SINGH, Bashisth Narayan SINGH. Dheer Biochemistry/Reproductive Endocrinology/ Functional Genomics.

SINGH, Man Mohan Reproductive Endocrinology/Osteoporosis/

New Drug Development.

SINGH, Mewa Animal Behavior/Ecology/Social Evolution.

SINGH, Raj Kumar Animal Health &

Production/Virology/Biotechnology. Environmental Physiology/Cognitive SINGH, Shashi Bala

Neurosciences.

SINGH, Surendra Nath SINHA, Brij Mohan Physiology/Biochemistry/Aging. Fish:systematics & Morphology/Fisheries. SRIVASTAV, Ajai Kumar Fishery Biology/Endocrinology/Toxicology. SRIVASTAVA, Chhail Behari Lal Fish Anatomy/Neurobiology.

Cell Biology/Neuroanatomy/ Neurochemistry. SRIVASTAVA, Umesh Chandra Mosquito Genetics, Biology & Control/ SUBBARAO, Sarala Karumuri Malariology/Vector-borne Diseases

Transmission Dynamics. SUBHEDAR, Nishikant Kashinath Neurosciences/Neuropeptides/ Animal

Behavior. Crustacean Reproductive Biology/ SUBRAMONIAM, T.

Cryobiology.

SUKUMAR, Raman Tropical Forest Ecology/Wildlife Ecology/

Climate Change.

TAHSEEN, Qudsia Taxonomy, Ecology & Developmental Biology

of Nematodes.

Parasitology/Helminthology. TANDON, Veena Biochemistry/Endocrinology/Development. TATA, Jamshed Rustom TEWARI, Hrishi Bhu Cell Biology/Histochemistry/Neurochemistry.

THAKUR, Mahendra Kumar Neurobiology of Aging. Malaria Chemotherapy/Drug Resistance. TRIPATHI, Renu

VERMA, Ganpati Prasad Cell Biology/Histochemistry.

VERMA, Inder M. Genetic Engineering & Genetherapy.

VIJAYAN, Edathil

YASUDA, Kunio

Neuroendocrinology/Reproductive Biology/ Immunoendocrinology/Neuroscience. Molecular mechanisms of lens induction and eye formation.

Biochemistry, Biophysics,
Biotechnology including
(Molecular and Cell Biology, Structural and Functional Studies,
Microbiology, Immunology)

Name	Specialization
ACHARYA, Narottam	Molecular Biology/Biochemistry/Microbiology.
ADHYA, Sankar L.	Genetics/Biochemistry/Prokaryotes
,	(Bacteriophages).
AHMAD, Faizan	Protein folding/Protein stability/Osmolyte-
·	protein interaction/Protein Structure and
	function in Macromolecular Crowding
	Environment.
AHMED, Niyaz	Molecular Epidemiology/Genomics.
ALBERTS, Bruce Michael	Biochemistry
ALI, Nahid	Biochemistry/Immunology/ Parasitology.
ANAND, Ruchi	Biochemistry/Biophysics/Biotechnology/
	Structural Biology.
ANTO, Ruby John	Chemosensitization/Chemoprevention/
	Bioprospecting.
APTE, Shree Kumar	Molecular Biology of Stress and Adaptive
	Responses and Nitrogen Fixation.
ARANKALLE, Vidya Avinash	Virology/Biotechnology/ Vaccinology.
BACHHAWAT, Anand Kumar	Molecular Genetics/Microbial
	Genetics/Biochemistry.
BAJAJ, Avinash	Cancer Therapy/Drug Delivery/Biomaterials.
BALARAM, Padmanabhan	Bio-organic Chemistry/Molecular Biophysics.
BALASUBRAMANIAN, Dorairajan	Ocular Biology/Biochemistry.
BAMJI, Mahtab S.	Biochemistry/Nutrition.
BANDYOPADHYAY, Arun	Biochemistry/Physiology/Cardiovascular
544546545454444	Disease.
BANDYOPADHYAY, Uday	Biology of Malaria Parasite/Apoptosis and Cell
DANIED IEE D. W.K	Signalling/Free Radical Biology.
BANERJEE, Ranjit Kumar	Molecular Enzymology/Cell Biology.
BANERJEE, Utpal	Signal Transduction/Metabolism/
DANCAL Massiss	Developmental Biology.
BANSAL, Manju	Molecular Biophysics/Structural &
DADAT Charmile Avadbut	Computational Biology.
BAPAT, Sharmila Avadhut	Molecular & Cell Biology.
BASAK, Soumen BASU, Joyoti	Cell Signaling/Immunology/Systems Biology.
BASO, Joyoti	Cellular and Molecular Microbiology of Mycobacteria.
BASU, Mukul Kumar	Host-parasite Interaction/Model
BASO, Mukui Kumai	Membranes/Targeted Delivery System.
BASU, Sandip Kumar	Molecular Biology/Microbial
BASO, Sandip Rumai	Gennetics/Biochemistry.
BATRA, Janendra Kumar	Molecular Biology/Biochemistry.
BHADRA, Rupak Kumar	Bacterial Genetics and Gene Regulations,
Di I/ Di Vi, Rupak Rumai	Stress Biology.
BHANDARI, Rashna	Biochemistry and Cell Biology/Eukaryotic Cell
2	Signalling/ Mammalian Physiology.
	- 3 3

Biochemistry and Molecular Biology/ BHARGAVA, Purnima Eukaryotic Gene Regulation/Chromatin and Epigenetics. Molecular Biology of Infectious Diseases/ BHATNAGAR, Rakesh BHATTACHARYA, Sudha Molecular Biology/Molecular Parasitology/Rare Genetic Diseases. Molecular Cell Biology/RNA Biology. BHATTACHARYYA, Suvendra N. BISWAL, Basanti Photobiology/Molecular Biology/Developmental Biology. Biochemistry/Molecular Biology/Gene BISWAS, Debabrata Expression in Eukaryotes. BRAHMACHARI, Samir K. Biotechnology/Structural Biology/Genome Analysis. BRAHMACHARI, Vani Epigenetics/Functional Genomics/ Molecular Biology. DNA Repair/Radiation Oncology/Cancer BURMA, Sandeep Biology. Organic and Bio-organic Chemistry. CHADHA. Mohindra Singh CHAINY, Gagan Bihari Nityanand Biochemistry/Free radical metabolism. Molecular and Cell Biology/ CHAKRABARTI, Oishee Neurodegeneration/Organellar Dynamics. CHAKRABARTI, Parul Membrane Biochemistry/Biological Chemistry. CHAKRABARTI, Pinakpani Structural Biology/Molecular Biophysics/Bioinformatics. CHAKRABARTY, Ananda Mohan Molecular Biology/Microbiology. CHAKRABORTI, Pradip Kumar Molecular Biology & Biochemistry/Molecular Microbiology. CHAKRABORTY, Subhra Nutritional Genomics/Plant Immunity/ Proteomics & Multiomics/Molecular Biology/ Genetic Engineering. CHAKRAVORTTY, Dipshikha Microbiology/Infectious Diseases/ Immunology. Molecular Biophysics/Biological Chemistry/ CHARY, Kandala Venkata R. Structural Biology/NMR Spectroscopy. CHATTERJEE, Anupam Radiation Genetics/Cancer Genetics. Carbohydrates/Protein Chemistry/ CHATTERJEE, Bishnu Pada Glycobiology/Immunology. Biophysics/Microbiology/Free Radicals & CHATTERJEE, Smriti Narayan Genetic Toxicology and Biological Electron Microscopy. Molecular Microbiology/Plant-Microbe CHATTERJEE, Subhadeep Interaction/Pathogenesis. Molecular Biology/Biophysical Chemistry. CHATTERJI, Dipankar CHATTOO, Bharat Bhushan Molecular Biology/Genetics/Biotechnology. CHATTOPADHYAY, Amitabha Membrane and GPCR Biophysics and Biology. Molecular Virology/Transcription/ CHATTOPADHYAY, Dhrubajyoti Biochemistry/Nanobiotechnology. CHATTOPADHYAY, Kausik Protein Structure-Function/Host-Pathogen Interaction/Immunobiology. CHATTOPADHYAY, Krishnananda Neurodegeneration/Protein Aggregation. CHATTOPADHYAY, Samit Cancer Biology, Transcription and Chromatin Biology, Immunology.

CHATTOPADHYAY, Soma

Virology/Molecular Biology/Biotechnology.

CHATURVEDI, Madan Mohan Biochemistry & Molecular Biology, Epigenetics.

CHAUDHARY, Vijay Kumar
CHAUHAN, Santosh
Biochemistry/Protein Engineering.
Cell Biology/Infectious Diseases/Cancer
Biology.

CHAUHAN, Virander Singh

Biophysics/Malaria/Malaria Vaccine
Development/Peptides/Nano-Drug Delivery

Systems/Peptide Based Anti-Biotic

Development.

CHAWLA-SARKAR, Mamta
CHOWDHURY, Shantanu

DAS CURTA Changled Kumar

Place CHARLA Changled Kumar

Ricchamictar/Protein Folding

DAS GUPTA, Chanchal Kumar
DAS GUPTA, Maitrayee
DAS, Amitava

Biochemistry/Protein Folding.
Symbiotic Nitrogen Fixation.
Stem Cell Biology/Regenerative
Medicine/Biochemistry.

DAS, Benu Brata Topoisomerase/DNA Repair/Mitochondrial

DNA.

DAS, Chandrima

Biochemistry/Molecular and Cell
Biology/Chromatin and Epigenetics.

DAS, Kali Pada

Biophysical Chemistry/Molecular
Chaperone/Protein Folding.

DAS, Pijush K. Biochemistry/Cell Biology/Molecular

Parasitology.

DAS, Pradeep Medical Biotechnology/Molecular

Parasitology/Immunology & Cell Signalling in

Disease.

DAS, Sanjeev Cancer Biology.

DAS, Saumitra Molecular Virology/Molecular Biology/Antiviral

Research.

DATTA, Asis

DATTA, Kasturi

Molecular Biology/Biochemistry.

Molecular and Cellular Biology/Genetic
Engineering/Functional Genomics.

DATTAGUPTA, Jiban Kanti Biological Crystallography/Protein Structure

DAVISON, John
DHAR, Suman Kumar
DHAR, Suman Kumar
DHAR, Suman Kumar
DNA Replication/Cell Cycle
Regulation/Parasitology.

DHARMALINGAM, K. Genetic Engineering/Biotechnology/ Proteomics of Eye Diseases.

DIKSHIT, Kanak Lata

DIKSHIT, Madhu

DIMITROV, Stefan

Molecular Biology/Biotechnology/Genetics.

Biochemical & Molecular Pharmacology.

Epigenetics/Biochemistry/Biophysics.

D'SILVA, Patrick Raymond Biochemistry/Cell Biology/Genetics/Chemical Biology.

DUTTA, Chitra Biophysics.

EHTESHAM, Nasreen Zafar Molecular Biology and Cell Biology and Cell

Signaling.

FORD, Richard Earl
GALANDE, Sanjeev
GANESH, K. Nagappa

Plant Virology/Maize/Legume Viruses.
Epigenetics, Cell and Molecular Biology.
Bio-organic Chemistry/Nucleic Acids
Peptides/Medicinal Chemistry.

GAUTHAM, Namasivayam Biomolecular Structure/X-ray

Crystallography/Computational Biology.

Nanotechnology/Supramolecular Chemistry/

GAZIT, Ehud

Peptide and Metabolite Chemistry. Molecular Biology. GHOSH, Amit Immunology/Molecular Biology/Biochemistry. GHOSH, Balaram Peptide Chemistry and Biology/Membrane GHOSH, Jimut Kanti Biology/Biophysics/Microbial Infection/ Metabolism. GHOSH, Mrinal Kanti Bio-chemistry/Molecular Oncology/Targeted Nanodelivery of Nanotherapeutics Across the GHOSH, Prahlad C. Cell Biology/Drug Delivery. Molecular Biology. GHOSH, Ranjit Kumar GHOSH, Sankar Molecular and Cell Biology/Microbiology/Immunology. Biotechnology/Healthcare Genomics & GHOSH, Sankar Kumar Bioinformatics/ Biodiversity and DNA Bar Coding. GOKHALE, Rajesh Sudhir Immunometabolism, Tuberculosis, Vitiligo. GOPAL, Balasubramanian Structural Biology/Molecular Biophysics. GOPINATHAN, Karumathil P. Molecular Biology/Biotechnology. GOSWAMI, Arunava Agriculture/Molecular Biology/Nano-Agro-Biotechnology. Microbial Genetics/Molecular Biology. GOWRISHANKAR, Jayaraman GULYANI, Akash Biosensors/Photosensory Systems/Cellular Dynamics. Membrane Biology/Medicinal Chemistry/Bio-GUPTA, Chhitar Mal organic Chemistry. Applied Enzymology. GUPTA, Munishwar Nath HABIB, Saman Malaria Biology/Molecular and Cell Biology/Population Genetics. Functional Biology, Molecular Pathogenesis, HASNAIN, Seyed Ehtesham new diagnostics and Novel interventions against Human Pathogens. Bioorganic Chemistry/Biochemistry. IVANOV, Vadim Tikhonovich Cell and Molecular Biology/Stress Physiology. JAIN, Subodh Kumar JHANWAR, Suresh C. Cancer Genetics/Molecular Biology/Genetic Medicine. KALIA, Vipin Chandra KAUL, Sunil Microbial Genomics/Bioenergy/Biopolymers. Stress/Aging/Cancer. Yeast Genetics & Molecular Biology/Host KAUR, Rupinder Pathogen Interaction Enzymology & Enzyme Technology/Plant KAYASTHA, Arvind Mohan Biochemistry/Structure-Function Relationship in Proteins. KEMPARAJU, Kempaiah Snake Venom Pharmacology. Dengue/Vaccines/Diagnostics. KHANNA, Navin Chandra KHAR, Ashok Biochemistry/Tumour Immunology/Mammalian Cell Culture. Epigenetics/Host-Pathogen Interaction KHOSLA, Sanjeev Biology/Developmental Biology. Infectious Diseases/Immunology. KITHIGANAHALLI, N. Balaji KOLASKAR, Ashok Sadanand Protein folding/Biological Data Banks & Data Mining/ Theoretical Molecular Biophysics & Bioinformatics.

KOLLURU RAMAIAH, V.A.

KOLTHUR-SEETHARAM, Ullas

KOTHEKAR, Vidya Vinayak KOYAKUTTY, Manzoor

KUHAD, Ramesh Chander

KUMAR, Ashwani KUMAR, Dhiraj

KUNDU, Subhas Chandra

KUNDU, Sudip

KUNDU, Tapas Kumar

LAISHRAM, Rakesh Singh

MADAN, Mira

MADDIKA, Subba Reddy MADYASTHA, Madhava Kattigari

MAHAJAN, Suresh Kumar MAHALAKSHMI, Radhakrishnan

MAHAPATRA, Nitish Ranjan

MAITI, Motilal MAJI, Samir K.

MAJUMDAR, Subrata MAJUMDER, Gopal Chandra

MAJUMDER, Hemanta Kumar MALHOTRA, Om Prakash MALHOTRA, Pawan

MANDAL, Chitra MANDAL, Mahitosh

MANDAL, Nitai Chandra MENON, Gautam Igbal

MISHRA, Kaushala Prasad

MISHRA, Rakesh Kumar MISRA, Hari Sharan

Molecular Biology/Gene

Expression/Translational Regulation. Metabolic Sensing/Nuclear-Mitochondrial Epistasis/Gene Expression Mechanisms. Computational & Structural Biophysics. Cancer - Nanomedicine/Nanotechnology/ Immunology.

Secondary Agriculture Microbial

Biotechnology (Bioconversion of Crop Byproducts to Value Added Products). Microbiology/Cell Biology/Molecular Biology. Immunology/Infectious Diseases/Cell Biology.

Biomaterials/3D cancer modelling/

Regenerative medicine/Tissue engineering. Computational System Biology/Structural Bioinformatics/ Evolutionary Biology. Regulation of Gene Expression/Chemical

Biology.

RNA Biology (Untranslated & Noncoding RNAs)/Molecular Biology (Gene Expression &

Regulation)/Cardiovascular Sciences

(Understanding Cardiac Hypertrophy & Heart Failure)

Applied Biology/Microbiology/Biotechnology/

Transfer of Technology. Cell Biology/Signaling/Phosphatase Biology.

Bioorganic Chemistry/Xenobiotics Metabolism/Microbial Transformations.

Molecular Genetics.

Membrane Protein Biophysics/Protein Folding/Mitochondrial Bioenergetics.

Gene Regulation/Molecular Medicine/Human Molecular Genetics.

Molecular Biophysics/Biophysical Chemistry. Protein Biochemistry/Amyloid

Diseases/Biomaterials.

Signal Transduction/Cell Biology/Immunology.

Sperm Biochemistry/Membrane

Biology/Enzymology.

Biochemistry/Parasitology/Molecular Biology.

Enzymology.

Malaria Parasite Biology/Molecular Biology/

Drug & Vaccine Development.

Cancer Biology/ Glycobiology/Leishmaniasis. Cancer Drug Discovery/Cell Signaling/Drug

Delivery.

Molecular Biology.

Biophysics/Condensed Matter Physics/

Computational Biology.

Radiation Biology/ Cancer Biology/Free

Radical Research/Biophysics.

Molecular Genetics/Genomics/Epigenetics. Cellular and Molecular Responses to

Stress/Genome Biology/ Molecular

Biochemistry.

MISRA, Krishna Chemistry/Molecular Biology/Medical Biotechnology.
Microbiology/Virology/Immunology.
Biophysical Chemistry/Molecular Biology/ MITRA, Debashis MOHAN RAO, Chintalagiri Diagnostic & Nanobiology. Bioinformatics/Biophysics/Structural and MOHANTY, Debasisa Computational Biology. MUKHERJEE, Rama Mycobacterial Immunology. MUKHOPADHYAY, Amitabha Cell Biology. MUKHOPADHYAY, Chinmay K. Iron Homeostasis/Host-parasite Interaction/ Gene Regulation. MUKHOPADHYAY, Sangita Immunology/Tubuculosis (Infection)/Cell Signaling. Molecular Genetics/Cell Biology/Genomics. MUNIYAPPA, K. X-ray Crystallo-graphy/Virus Structure and MURTHY, Mathur Ramabhadra N. Assembly/Protein Structure and Function/ Protein Evolution. Satya Cell Biology/Cell Division/Intercellular MYLAVARAPU, Sivaram Venkata Communication. Peptide & Protein Biochemistry/Membrane NAGARAJ, Ramakrishnan Biochemistry. Regulation of Gene Expression/Molecular NAGARAJA, Valakunja Biology of Mycobacteria/R-M Systems. DNA Damage Responses/Cell Biology/Cancer NAGARAJU, Ganesh Biology NALLAMALA, Manjula Reddy Bacteriology/Bacterial Cell wall Synthesis. NANDICOORI, Vinay Kumar NATARAJAN, Krishnamurthy Molecular Biology/Cell Biology/Biochemistry. Cellular and Molecular Biology/Chromatin, Transcription and Gene Regulation. Human Microbiome/Genomics. NELSON, Karen Elizabeth Radiation Biology/Medical Genetics. NOMURA, Taisei PADMANABAN, Govindarajan Molecular Biology/Recombinant DNA/Malaria Parasite Biology. Plant Biotechnology/Plant Epigenetics/RNA PADUBIDRI, Shivaprasad V. Silencing. Immunology/Cancer Biology. Biochemistry/Cell Biology/Biotechnology/ PAL. Rahul PANDA, Dulal Pharmacology. PANDEY, Ashok Industrial & Environmental Biotechnology, and Energy Biosciences-Waste to Wealth/ Industrial Enzymes/Solid State Fermentation. Physiology/Biochemical PARMAR, Surendra Singh Pharmacology/Chemical Pharmacology/ Medicinal Chemistry/Biochemistry/Chemistry. PENMATSA, Aravind Structural Biology/Membrane Proteins/Neuropharmacology. Structural Biology/Biochemistry. PRAKASH, Balaji PRAKASH, Vishweshwaraiah Protein Biophysical Chemistry/ Food and Nutritional Sciences, Chemistry of Food and

Thermodynamics, Food Biotechnology, Nutraceuticals

Regulatory Papers

Resistance.

PRASAD, Rajendra

and Nutritionals, and Food Safety Policy &

Membrane Biology/Fungal Genetics/Drug

and, Societal Outreach Programs.

PRAVEEN, Shelly

PRIYADARSINI, Kavirayani Indira

Biochemistry/Biotechnology/ Molecular Plant Virology.

Biophysical Chemistry/Free Radical Chemistry of Antioxidants/Radioprotectors/

QADRI, Ayub Immunology/Microbiology/Biochemistry.
QADRI, Firdausi Biochemistry/Immunology/Vaccine Research.
RAGHAVA, Gajendra Pal Singh Bioinformatics.

RAHA, Sanghamitra
RAJASEKHARAN, Ram
RAJE, Manoj

Cell Biology/Signal Transduction.
Lipid Metabolism.
Biophysics/Cell Biology/Infectious

RAMACHANDRAN, S.
RAMAMURTHY, Thandavarayan
RANGARAJAN, Annapoorni
RANGARAJAN, Annapoorni
RANGARAJAN, Annapoorni
RANGARAJAN, Annapoorni
RANGARAJAN, Annapoorni

Transduction.

RANJEKAR, Prabhakar Kamalakar Biochemistry/Plant Molecular Biology.
RAO, Basuthkar Jagadeeshwar Genome Repair/Recombination/ Protein-DNA Interaction/Biology of Cellular Adaptations/ Computational Biology.

RAO, Desirazu Narasimha
RAO, M.R. Satyanarayana

Computational Biology.

DNA-Protein Interactions.

Molecular Biology & Cell Biology/Genomics &

Human Molecular Genetics.

RASTOGI, Anil Kumar

Biochemistry of Parasitic Infection/Metabolic

RAWAT, Diwan S.
RAY CHAUDHURI, Shaon
Redictional Chemistry and Catalysis.
Biotechnology/Microbial
Technology/Bioremediation.

RAYALA, Suresh Kumar
REDDY, G. Bhanuprakash
RENUGOPALAKRISHNAN, V.
ROY, Sib Sankar

Molecular and Cell Biology/Nutrition.
Immunobiology/Medical Science/Proteins.
Cancer Biology/Insulin Resistance/Metabolic Disorders.

ROY, Syamal Immunology/Parasitology.
ROYCHOUDHURY, Susanta Human Genetics/Cancer Genomics/Cancer Cell Biology.

SA, Gaurisankar

Cancer Biology/Tumor Immunology/
Development of Immunotherapy/Drug
development/DNA Vaccine/ Genomic of

SAHA, Bhaskar Cancer, Biochemistry.
Immunology/Signal Transduction/
Parasitology/Tumor Immunology/

Immunometabolomics.
SAHA, Swati Molecular and Cell Biology of Leishmania

SAHNI, Girish Parasites.
Enzymology/Protein Engineering/Protein Science Biotechnology.

SAHU, Arvind Complement Biology/Molecular Virology.
SALUNKE, Dinakar M. Structural Biology.

SAMBHARA, Suryaprakash
SANGWAN, Neelam S.

Immunology/Infectious Diseases/Vaccines.
Medicinal and Aromatic Plants/Functional
Genomics/Metabolic Pathways of Aroma
Chemicals and Specialized

Phytopharmaceuticals/Phytopharmaceuticals for Health and Agriculture.

SANKARANARAYANAN, Rajan Structural Biology/Translation Quality Control/X-Ray Crystallography.

SANTRA, Manas Kumar Cancer Biology/Cell Cycle/Cellular Signaling.

SANYAL, Kaustuv Eukaryotic Chromosome Segregation/ Centromere-Kinetochore/Epigentics. Molecular & Cell Biology/Cell Signaling/Drug SANYAL, Sabyasachi

Discovery.

SARAN, Anil Molecular Biophysics/Magnetic

Resonance/Quantum Biology & Pharmacology.

Biochemistry/Molecular Cell Biology/ Biotechnology. SARKAR, Debi Prasad

Bacterial Gene Regulation/Signal SARKAR, Dibyendu Transduction/Virulence Regulation of

Mycobacteria.

SARKAR, Sagartirtha Molecular Cardiology/Cell Biology. SASISEKHARAN, Vishwanathan Biomolecular Structure & Function.

Enzyme Regulation/Biochemistry/Biophysics. SAU, Apurba Kumar SAVITHRI, Handanahal S.

Molecular Plant Virology/Proteins

Chemistry/Enzymology.
Molecular & Cell Biology/Immunology/ SEN, Ellora

Molecular Medicine.

Biochemistry/Biophysics/ Microbiology. SEN, Ranjan Computational Biology/Mechine Learning. SENGUPTA, Debarka

SHAHA. Chandrima Cell Biology/Physiology.

SHARMA, Yogendra

Structural Biology/Malaria/Protein Function. SHARMA, Amit Prakash SHARMA, Pushkar Signal Transduction/Biochemistry/Malaria/

Neuroscience.

Enzymology/Hormone Action SHARMA, Ramesh

Mechanism/Aging.
Plant Genomics/Bioinformatics/Plant Disease SHARMA, Tilak Raj

Resistance. Biophysics.

SHASHIDHARA, L.S. Genetics & Developmental Biology.

Reproductive Biology/ Conservation Biology/ SHIVAJI, Sisinthy Microbiology/Extremophiles/Microbiome/Biofilm.

Microbial Taxonomy/Genomics & SHOUCHE, Yogesh

Metagenomics/Microbome. SHUKLA, Arun Kumar Cellular Signaling/Structural Biology/Drug

Discovery

Materials Electrochemistry with emphasis on SHUKLA, Ashok Kumar

Batteries/ Fuel Cells/Supercapacitors and Solid Ionics.

Molecular and Cell Biology/Microbiology/ SINGH, Amit

Immunology. Radiation Biology and Laws Relating to IPR SINGH, Bam Bahadur

(Intellectual Properties) and Civil Laws including Constitutional Remedies.

Metabolic Bone Disorders/Osteoimmunology. SINGH, Divya SINGH, Neeru

Epidemiology and Vector Control/Tribal-Forest Malaria/Malaria in Pregnancy.

Biochemistry/Molecular SINGH, Randhir Biology/Biotechnology.

Genetics/Microbiology/Immunology. Infectious Diseases/Protein Toxins. Molecular Biology/Yeast Genetics. SINGH, Varsha SINGH, Yogendra SINHA, Pratima Theoretical Biology/Mathematical SINHA, Somdatta

Ecology/Complex Systems. SOBTI, Ranbir Chander Cell Biology/Environmental and Cancer Cell

Biotechnology/Human Genetics.

Microbiology/Plant Protection/Plant Genetics. SONTI, Ramesh Venkata

SRIVASTAVA, Brahm Shanker

SRIVASTAVA, Ravindra Kumar SRIVASTAVA, Sudha

SUNDAR, Durai SUROLIA, Avadhesha

SUROLIA, Namita

SWAMY, Musti Joginadha

SWARNAKAR, Snehasikta TAMANG, Jyoti Prakash TRIPATHI, Anil Kumar

TRIVEDI, Ritu TYAGI, Anil Kumar TYAGI, Rakesh Kumar

UKIL, Anindita

VARSHNEY, Umesh

VERMA, Rama Shanker

VERMA, Rishendra

VIJYRAGHAVAN, Krishnaswamy VISHVESHWARA, Saraswathi

VISHWAKARMA, Ram

WADHWA, Renu WATSON, James D. WUTHRICH, Kurt Microbial & Molecular Genetics/ Biotechnology/Molecular Biology.

Biochemistry. NMR/Biophysics.

Bioinformatics/Computational Biology. Protein Folding & Design/Cell Surface Carbohydrate/Molecular Biology of Malaria

Parasite and Anti-malarial Drug. Molecular Parasitology/

Biochemistry/Molecular Biology. Protein Chemistry and Protein-Ligand Interactions/Lipid Phase Behaviour and Lipid-Protein Interactions/Biomembrane Structure and Function.

Biochemistry & Protease Biology.

Food Microbiology.
Molecular Microbiology/Bacterial Genetics/

Gene Regulation. Endocrinology.

Molecular Biology/Tuberculosis Research.
Molecular and Cellular Endocrinology/Nuclear Receptors in Health and Disease/Nuclear

Receptors and Drug Metabolism. Cell Biology/Immunology/Molecular

Parasitology.
Vaccine Development/Bioinsecticides. Molecular Biology/Protein Synthesis/DNA Repair.

Stem Cell/Immunology/Molecular and Cell

Biology. Microbiology/Immunology/Mycology/Labortory

Animal Science.

Developmental Genetics.

Computational Biology/Bioinformatics/Protein

Structure Networks

Chemical Biology/Glycobiology/Drug

Discovery. Stress/Aging/Cancer. Molecular Genetics. Structural Biology/Structural

Genomics/Biochemistry.

Chemical Sciences

(Analytical, Inorganic, Organic, Physical, Theoretical Chemistry, Applied Chemistry)

Name Specialization

ACHARYA, Somobrata	Supramolecular Assemblies/Nanocrystals/
	Opto-electronics Applications.
ADHIKARI, Satrajit	Physical/Theoretical Chemistry.
AGARWALA, Umesh Chandra	Inorganic Chemistry/Organometallic
	Chemistry/Reaction Mechanism.
AHLUWALIA, Vinod Kumar	Synthetic Organic Chemistry/Green
	Chemistry/Environmental Chemistry.
ARUNAN, Elangannan	Spectroscopy/Kinetics/Bonding.
ATTFIELD, John Paul	Materials Chemistry/Solid State
	Chemistry/High Pressure Science.
AYYAPPANPILLAI, Ajayaghosh	Photoresponsive Materials/Self
ATTAIT ANTILLAI, Ajayagilosii	Assembly/Molecular Probes.
PADVAL Joe Pol Singh	
BADYAL, Jas Pal Singh	Surface Science.
BAGCHI, Biman	Physical Chemistry/Biophysical Chemistry/
	Molecular Relaxation Processes and
5.1416111 4 1 1 14	Chemical Dynamics.
BAKHSHI, Ashok Kumar	Physical Chemistry/Theoretical Polymer
	Chemistry.
BALLA, Rajakumar	Atmospheric Chemistry/Combustion
	Chemistry/Gas Phase Chemistry.
BANERJEA, Debabrata	Inorganic Chemistry/Coordination
,	Chemistry/Inorganic Reaction Mechanism.
BANERJI, Krishna Dulal	Organic Chemistry-Particularly Synthetic
27 11 12 101, 1 110 111 12 21 21	Organic Chemistry.
BASAK, Amit	Organic Chemistry/Medicinal Chemistry.
BATRA, Sanjay	Organic Chemistry/Medicinal Chemistry.
BERA, Jitendra Kumar	Organometallic Chemistry/Catalysis/
BLIA, Jiteriaia Ramai	
BHADURI, Amiya Prasad	Sustainable Chemistry. Medicinal Chemistry.
BHAGAVATULA, L.V. Prasad	Physical Chemistry/Applied Chemistry.
BHARATAM, Jagadeesh	Chemical Sciences - Magnetic Resonance.
BHARGAVA, Suresh Kumar	Industrial Chemistry/Catalysis/Anti Cancerous
	Gold Drug Development/Nanotechnology/
	Gaseous Sensors.
BHASIKUTTAN, Achikanath C.	Photochemistry, Time Resolved Absorption &
	Fluorescence Spectroscopy, Supra & Bio-
	Molecular Assemblies.
BHASIN, Kuldip K.	Inorganic and Organometallic Chemistry.
BHATNAGAR, Surendra Prasad	Organic Chemistry/Industrial Chemistry/Bio-
,	Organic Chemistry/Science Management.
BHATTACHARYYA, Aninda Jiban	Physical Chemistry/Materials Chemistry/
	Energy.
BHATTACHARYYA, Kankan	Physical Chemistry/Ultrafast
Distriction in the frame	Lasers/Organized Assemblies.
BHUSHAN, Ravi	Organic Chemistry/Proteins/Liquid
Di looi Aiv, Itavi	Chromatography, Enantiomeric Resolution.
DICMAS Popiit	
BISWAS, Ranjit	Physical Chemistry, Theory, Experiments.

Chemical Sciences 377

BLOKHRA, Ratan Lal Electro-Chemistry/Thermodynamics/ Membrane Transport. BORUAH, Romesh Chandra Synthetic Organic Chemistry. NMR & Polymer. BRAR, Ajaib Singh CHADA, Raji Reddy Organic Synthesis/Process Chemistry/Medicinal Chemistry. CHAKRABORTY, Tushar Kanti Peptides and Peptidomimetics/Organic Synthesis/Bio-organic Chemistry. CHANDRA, Amalendu Statistical Mechanics of Liquids/Molecular Simulations and Modeling/Theoretical Nonlinear Spectral Studies of Liquids and Interfaces. Physical, Applied Chemistry. CHANDRASEKAR, Rajadurai Natural Product Synthesis/Green Chemistry/ CHANDRASEKHAR, Srivari Drug Discoverv. Organometallic Chemistry/Inorganic CHANDRASEKHAR, Vadapalli Chemistry/Molecular Materials. Inorganic/Bioinorganic Chemistry. CHANDRASHEKAR, K. T. CHATTARAJ, Pratim Kumar Density Functional Theory/Chemical Reactivity/Nonlinear Dynamics. CHATTERJEE, Debabrata Kinetic & Reaction Mechanism/Catalysis/ Photocatalysis. CHATTOPADHYAY, Buddhadeb Organic Chemistry/Applied Chemistry/Inorganic Chemistry. Photochemistry/Biophysical Chemistry/ CHATTOPADHYAY, Nitin Surface Chemistry. Bio-organic Chemistry/Asymmetric CHATTOPADHYAY, Subrata Synthesis/Biocatalyst. Chemistry of Materials. CHEETHAM, Anthony Kevin Electrochemistry/Materials Chemistry/ CHELLAPPAN, Retna Raj Analytical Chemistry. Organic Chemistry/Molecular CHORGHADE, Mukund Shankar Medicine/Science & Technology Based Entrepreneurship. CLARK, Robin Jon Hawes Transition Metal Chemistry/Infrared and Raman Spectroscopy. Bio-Organic Chemistry/Bio-Physical DANABOYINA, Ramaiah Chemistry/Organic Photochemistry. DAS SARMA, Dipankar Electronic Structure of Solids/Nano Materials/Conducting Polymers. Inorganic Synthesis/ Nanostructured Material DAS, Amitava for Imaging and Drug Delivery/Molecular Recognition/Supramolecular Chemistry/ Photoinduced Processes and Electron Transfer. DAS, Samar Kumar Inorganic Chemistry/Polyoxometalate Chemistry/Coordination Chemistry. Physical Chemistry/Electrocatalysis for DATTA, Anindya Sustainable Energy. DESIRAJU, Gautam Radhakrishna Supramolecular Chemistry/Crystal

Engineering/Drug Design.

Chemistry/Spectroscopy.

Inorganic Chemistry/Bio-Inorganic

Organic Synthesis.

DETHE, Dattatraya Hanumant

DEY, Abhishek

Synthetic Organic Chemistry/Natural DHAR, Durga Nath Products. DHAVALE, Dilip Dattatray Organic Chemistry/Carbohydrate Chemistry. DHEVALAPALLY, R. Buchi Asymmetric Organocatalysis/Reaction Engineering/Total Synthesis. DHINDSA, Kuldip Singh Inorganic Chemistry/Coordination Chemistry/Biological Chemistry/Agrochemicals. Chemical Sciences: Catalysis/ DIXNEUF, Pierre H. Organometallics/Organic. Physical Chemistry/Photochemistry. DOGRA, Sneh Kumar DUTTA, Rup Physical Chemistry. GAJBHIYE, Namdeo Shriramji Nanoscience and Nanotechnology of Materials/Solid State Chemistry. GANGULI, Ashok Kumar Nanomaterials/Superconductors. Theoretical Chemistry/ Computational GARIKAPATI, Narahari Sastry Chemistry/Computational Biology/ Chemoinformatics. GEORGE, Subi Jacob Supramolecular Chemistry/Organic Materials/Spectroscopy. Physical Chemistry/Theoretical Chemistry/ GHANTY, Tapan Kumar Density Functional Theory. Synthetic Organic Chemistry. GHORAI, Manas K. Femtosecond Visible, Infrared & Terahertz GHOSH, Hirendra Nath Spectroscopy/Ultrafast Photochemistry & Reaction Dynamics in Solution Phase/Ultrafast Electron Transfer Dynamics/ Nanostructured Quantum Dot Materials. GHOSH, Sundargopal Main Group and Organometallic Chemistry. GHOSH, Swapan Kumar Theoretical Chemistry/Soft Condensed Matter Physics/Computational Materials Science. GILL, Dip Singh Physico-Inorganic Chemistry/Copper (I) Chemistry in Pure and Mixed Non Aqueous Solvents, Specially Cu-63 and Cu-65 NMR Studies. GOPALAKRISHNAN, Jagannatha Solid State/Materials Chemistry. Organic Synthesis/Asymmetric Synthesis/ GOVINDASAMY, Sekar Catalysis. Organic/Medicinal/Applied Chemistry. GREE, Rene Louis GUPTA, Kailash Chand Nano-Biotechnology/Nucleic Acids Chemistry. Quantum Chemistry/Biophysics/ Computer-GUPTA, Satya Prakash Aided Drug Design. Chemical Šensors/Waste Water GUPTA, Vinod Kumar Treatment/Electroanalytical Chemistry. GUPTA, Virendra Kumar Organometallic Chemistry/Polymer Science/ R&T Management. GUPTA, Vishnu Deo Organometallics/Coordination Chemistry. Physical Chemistry/Kinetics and GUPTA, Yugul Kishore Mechanism/Analytical Chemistry. GURJAR, Mukund Keshao Organic Chemistry.

Stereocenters.

HASSAN, Puthusserickal A.
HIREMATH, Shivayogi Pattadarya
Organic Chemistry.

HAJRA, Saumen

Asymmetric Synthesis/Asymmetric Catalysis/

Diversity Oriented Synthesis (DOS)/Stereodivergent Synthesis of Compounds with Multi**Chemical Sciences** 379

HOSUR, Ramakrishna V. Physical Chemistry/NMR/Structural Biology. IYER, S.R. Sivaraja Chemical Technology. Organic Chemistry/Bio-Organic Chemistry. JAIN, Amolak Chand JAIN, Dharam Vir Singh Physical and Theoretical Chemistry. JAIN, Vimal Kumar Inorganic and Organometallic Chemistry. JANA, Tushar Physical Chemistry/Applied Chemistry/Polymer Chemistry. Computational Chemistry/Quantum JEMMIS, Eluvathingal Devassy Chemistry.

Medicinal Chemistry/ Bioorganic Chemistry/ KAMAL, Ahmed Organic Chemistry.

Inorganic Chemistry. KANNAN, Shanmugaperumal Physical/Surface Chemistry. KANT, Krishna KAPOOR, Ramesh Narain

Organometallic Chemistry/Coordination Chemistry.

Organic Synthesis/Transition Metal KAPUR, Manmohan Catalysis/Total Synthesis of Natural Products.

Organic Synthesis/Natural Product KAVIRAYANI, P. Ramakrishna Synthesis/Synthetic Methods. Synthetic Organic Chemistry. KESSAR, Satinder Vir Coordination Chemistry/Bio-inorganic

KHAN, Badar Taqui Chemistry/Organometallics/ Catalysis. KHAN, Faiz Ahmed Organic Chemistry.

Inorganic Chemistry/Homogeneous Catalysis. KHAN, Mirza Mohammad Taqui KHANDELWAL, Bishan Lal Inorganic Chemistry/Organometallics/ Analytical Chemistry.

KISHORE, Nand Physical Chemistry/Biothermodynamics/ Biophysical Chemistry.

KOTHA, Sambasivarao Organic Synthesis/New Synthetic Methods. KULKARNI, Giridhar Udapi Rao Physical Chemistry/Applied Chemistry/Applied Physics.

KUMAR, Anil Physical Chemistry/Nanoscience & Nanotechnology/Biotemplated Nanomaterials.

Thermodynamics/Physical Organic KUMAR, Anil Chemistry/Biophysical Chemistry.

Nuclear Magnetic Resonance Spectroscopy KUMAR, Anil and its applications to Biomolecular Structure Determination and Quantum Computing. Gas Phase Kinetics & Dynamics/Interfacial KUMAR, Awadhesh Chemistry/Laser Spectroscopy.

KUMAR, Subodh Organic Chemistry/Mol. Recognition and

Supramolecular Chemistry. KUNWAR, Ajit Chand

NMR Spectroscopy.
Coordination Chemistry/Electrochemistry/ LAHIRI, Goutam Kumar Spectroscopy.

LAKSHMIKANTAM, Mannepalli Catalysis/Materials/Organometallic Chemistry. Magnetic Resonance. LEVITT, Malcolm Harris Inorganic Chemistry/Bio-inorganic Chemistry/

LOBANA, Tarlok Singh Organometallic Chemistry. Mass Spectrometry. MADHUSUDANAN, Kunnath P.

Physical Chemistry/Chemical MAHADEVAPPA, Dandinasivara S Kinetics/Radiation Chemistry/ Analytical Chemistry.

Synthetic and Mechanistic Organic MAHAJAN, Mohinder Pal Chemistry/Development of Novel Synthetic Strategies in Synthesis of Heterocyclic

Compounds/Heterodiene Cycloadditions.

MAHAJAN, Rakesh Kumar Chemical Sensors/Colloids and Interfaces/Material Chemistry.
Theoretical Chemistry/Chemical Dynamics. MAHAPATRA, Susanta MAINKAR, PRATHAMA S. Synthetic Organic Chemistry/Drug Discovery/ API Synthesis. MAITY, Dilip Kumar Theoretical & Computational Chemistry. MALHÓTRA, K.C. Inorganic Chemistry. Photochemistry/Laser Fabrication/Time MASUHARA, Hiroshi resolved Spectroscopy. MATHUR, Sanjay Inorganic Chemistry/Processing of Nanomaterials/Surface Engg. Technologies. Analytical Chemistry/Physical MATTOO, Brij Nath Chemistry/Forensic Science. Inorganic Chemistry/Biophysical Chemistry/Biochemistry. MAZUMDAR, Shyamalava MEHROTRA, K.N. Organic Chemistry. MEHTA, Goverdhan Organic Chemistry. MISHRA, Ashok Kumar Fluorescence Spectroscopy/Physical Photochemistry. Physical/Theoretical Chemistry. MISHRA, Manoj Kumar Environmental Sciences/R&D MISHRA, Umesh Chandra Management/Radiation Protection. Biological & Bioinorganic MITRA. Samaresh Chemistry/Magnetochemistry. MITTAL, Jai Pal Radiation & Photochemistry/Chemical Dynamics/Laser Chemistry. Reaction Dynamics/Ultrafast Spectroscopy/ MIYASAKA, Hiroshi Laser-Induced New Properties and Structures Molecular Photochemistry/Time-resolved MOHANTY, Jyotirmayee Fluorescence Spectroscopy/Supramolecular Chemistry.
Inorganic Chemistry/Separation Science/ MOHAPATRA, Prasanta Kumar Analytical Chemistry. MUGESH, Govindasamy Bioinorganic Chemistry/Medicinal Chemistry/Chemical Biology. MUKHERJEE, Debashis Theoretical Chemistry/Quantum Science. Physical Chemistry/Últrafast and Single MUKHERJEE, Saptarshi Molecular Spectroscopy of Luminescent Metal Nanoclusters and Biological Assemblies. MUKHERJEE, Tulsi Physical Chemistry/Radiation Chemistry/ Photochemistry/ Laser Chemistry/Ultrafast Spectroscopy/Nanoscience & Nanotechnology/Surface Science. MYSORE. Shashidhar Srikantiah Organic Chemistry. NAGANAGOWDA, G.A. Analytical Chemistry/NMR Spectroscopy/Biomedical Magnetic Resonance. NAIK, Prakash Dattatray Chemical Kinetics & Dynamics/Atmospheric Chemistry. Organic Chemistry/Organic Synthesis, NAMBOOTHIRI, Irishi Narayanan Reaction Mechanism. Supramolecular Chemistry/Crystal NANGIA, Ashwini Engineering. NARULA, Suraj Prakash Inorganic/Organometallic Chemistry. Inorganic Materials Chemistry. NATARAJAN, Šrinivasan

Organic & Natural Products Chemistry.

Solid State Chemistry.

Functional MRI.

NEELKANTAN, S.

OGAWA, Seiji

NINGTHOUJAM, Raghumani S.

Chemical Sciences 381

PAKRASHI, Satyesh Chandra Chemistry of Natural Products.

PAL, Haridas Photochemistry/Electron & Proton Transfer Processes/Supramolecular Chemistry.

Theoretical Chemistry. PAL, Sourav

Inorganic Chemistry/Nano Science/Catalysis PAL, Tarasankar

SERS Spectroscopy.

Radiation Chemistry/Photochemistry/Ultrafast PALIT, Dipak Kumar

Spectroscopy.

Organometallic/Bioinorganic/Supramolecular PANDEY, Daya Shankar

Chemistry.

PANDEY, Ganesh Prasad Organic Synthesis/Bioorganic Chemistry. Inorganic Chemistry/ESR Spectroscopy/ PANDEYA, Krishna Bihari

Mössbauer Spectroscopy.

Organic Synthesis/Catalysis/Reaction PATEL, Bhisma Kumar

Mechanism.

Quantum Magnetism/Modeling PATI, Swapan Kumar

Thermoelectric, Photovoltaics Materials, Energy Transport/Homogeneous catalysts and Electro-catalysts/Photo-catalysts/Optoelectronics/Dipolar Bosonic and Fermionic lattice/quantum time dependent phenomena.

Organic Synthesis/Metal PATIL, Nitin Tukaram Catalysis/Organocatalysis.

PATRA, Abhijit

PERUNTHIRUTHY K., M.

PRADEEP, Thalappil

Porous Organic Polymers/Molecular Self-

Assembly/Fluorescence.

Nanoscience/Spectroscopy/Photonic. PATRA, Amitava

PERIASAMY, Nallagounder Chemistry/Fluorescence

Spectroscopy/Materials Chemistry. Nuclear Magnetic Resonance.

POLSHETTIWAR, Vivek Nanocatalysis/Climate Change/Solar Energy.

Molecular & Nanoscale Materials/ Nanoscience & Nanotechnology/Water Purification, Instrumentation.

PRAKASH, Surya G.K. Organic/Energy/Hydrocarbon Chemistry and

Methanol Economy.

Physical Chemistry/Photonics/Nanomaterials. PRASAD, Paras Nath

PUNNIYAMURTHY, Tharmalingam Synthetic Organic Chemistry.

RADHAKRISHNAN, T. P. Materials Chemistry.

RAMA RAO, Alla Venkata Organic Synthesis/Natural Products/Medicinal

Chemistry.

RAMAMURTHY, Perumal Photosciences/Ultrafast Spectroscopy/Nanophotonics.

RAMANATHAN, K. Venkatachala Nuclear Magnetic Resonance.

RAMARAJ, Ramasamy Physical, Inorganic and Analytical Chemistry. Inorganic Chemistry/Chemical RAMASAMI, Thirumalachari

Dynamics/Leather Science.

RANGAPPA, K. S. Bioorganic and Medicinal Chemistry/Chemical

Biology.

Inorganic Chemistry/Bioinorganic, Supramolecular, Chemo Sensors and RAO, Chebrolu Pulla

Nanobiomaterials.

Chemistry of Materials.
Physical Chemistry/Materials Science. RAO, Chintamani Nagesa R.

RAO, Kalya Jagannatha RATANASAMY, Paul Catalysis/Zeolites.

RATH, Sankar Prasad Bioinorganic Chemistry/Coordination Chemistry Inorganic Chemistry/Supramolecular RAVIKANTH, Mangalampalli

Chemistry.

Medicinal Chemistry/Development of Fertility RAY, Suprabhat Regulating Agents.
REDDY, Basireddy Venkata Subba Asymmetric Synthesis/Medicinal

Chemistry/Green Chemistry.
Catalysis/Green Chemistry/Nano-materials.
Supramolecular Chemistry/Crystal REDDY, Benjaram Mahipal REDDY, Chilla Malla Engineering/Pharmaceutical Solid-State

Chemistry.

Organic Chemistry/Medicinal Chemistry/Drug REDDY, D. Srinivasa

Discovery.

REDDY, Gidnahalli Karagappa N. Coordination Chemistry/Organometallics/

Catalysis.

ROY, Debmalya Hybrid Materials at Different Length Scales/Printable

and Strethable Nanocomposites/Strategic Applications of Materials at Extreme

Operational Conditions. ROY, Raja ROY, Rajendra P Nuclear Magnetic Resonance. Protein Chemistry/Chemical Biology.

SAHOO, Akhila Kumar Organic Chemistry. SAMANTA, Anunay

Photochemistry/Photophysics/Ultrafast Spectroscopy.

Synthetic Organic Chemistry/Bio-organic SANDHU, Jagir Singh

Chemistry.
Physical Chemistry/Ultrafast Spectroscopy/ SARKAR, Nilmoni Photochemistry

Organic Chemistry.

SATISH, Sheo Physical/Theoretical/Organic Chemistry. SCHWARZ, Helmut Glyco- and Peptide Chemistry/Drug SHARMA, Gangavaram V. M.

Discovery/Organic Synthesis. SIDHU, Gurbachan Singh Organic Chemistry.

SINGH, Anil Kumar

Chemical Sciences, Organic Chemistry, Bioorganic Chemistry, Photochemistry and

Photobiology

Heterocyclic Chemistry/Supramolecular SINGH, Harjit Chemistry.

SINGH, Harkesh Bahadur Organometallic Chemistry/Inorganic

Chemistry.

SINGH, Krishna Nand Organic Synthesis/Methodology

Development.

Synthetic Organic Chemistry. SINGH, Maya Shankar

SINGH, Pashupati Prasad Coordination Chemistry/Environmental

Science.

X-ray Crystallography/Protein Structure/ SINGH, Tej P.

Peptide Design/Drug Discovery.

SINGH, Vinod Kumar Synthetic Organic Chemistry.

Organic Chemistry/Organic Synthesis and SINGH, Vishwakarma

Photochemistry.

Chemical Science/Organic Chemistry, Green SINHA, Arun Kumar

Chemistry, Medicinal Chemistry, Natural

Product Chemistry.

SIVARAM, Swaminathan Polymer Science and Technology/Industrial

Organic Chemistry/Science, Technology

Innovation and Public Policy.

Analytical Chemistry/Electrochemistry/ SRIVASTAVA, Ashwini Kumar

Chromatography.

SRIVASTAVA, Prakash Chandra Organometallics/X-ray Diffraction/

Supramolecular Chemistry.

Chemical Sciences 383

> Non-equilibrium Thermodynamics/Network Thermodynamics/Biophysical Transport

Studies. SUBRAMANIAN, Venkatesan Theoretical Chemistry/Computational Chemistry/Computational Biology. SUNOJ, Raghavan B. Chemical Science/Organic Chemistry/ Theoretical Chemistry/ Machine Learning. Liquid Crystals/Surface Science. SURESH, Kattera Appanna SURYAPRAKASH, Nagarajarao NMR Spectroscopy/Liquid Crystals. Protein Chemistry and Protein-Ligand SWAMY, Musti J. Interactions/Lipid Phase Behaviour and Lipid-Protein Interactions/Biomembrane Structure and Function. TANDON, Vibha Chemical Biology/Radiation Biology/Cell Signalling/Drug Development. Natural Product Chemistry/Microbial TIWARI, K.P. Synthesis/Prostaglandin Biosynthesis and Assay/Synthesis of Heterocyclics. Synthetic Methodologies/Asymmetric TRIPATHI, Pradeep Kumar Synthesis/Total Synthesis of Biologically Important Natural Products. Nuclear Materials/Nanomaterials/Functional TYAGI, Avesh Kumar Materials/ Hybrid Materials. Laser Spectroscopy/Laser Instrumentation/ UMAPATHY, Siva Photochemistry & Photophysics. Organic and Biological Chemistry and VARADARAJAN, Srinivasan Technology. Polymer Science/Polymer Chemistry. VARMA, Indra Kumari Organic Chemistry (Natural Products). VARSHNEY, I.P. VASANTHAKUMARAN, Sudarsan Solid State Chemistry/Luminescence. VASUDEVA RAO, P.R. Actinide Chemistry/Separations Chemistry/

VASUDEVAN, Padma Chemistry. VATSA, Rajesh Kumar

SRIVASTAVA, Ramesh Chandra

Photophysics and Photochemistry of Clusters/Time-of-flight Mass

Spectrometry/Coulomb Explosion. Physical Chemistry/Bio-polymers/X-ray

Diffraction Studies. VERMA, Sandeep Chemical Biology/Bioinspired Soft Matter/

Bionanotechnology.

Nuclear Fuel Chemistry.

Electrochemistry/Solid State VIJH, Ashok Kumar

Science/Chemical Physics of Interfaces.

WOLFRUM, Jurgen Manfred Laser Diagnostics in

Chemistry/Combustion/Catalysis/Systems

Biology.

WRIGHTON, Mark Stephen

YADAV, Jhillu Singh

VENKATAPPA, M.P.

XU, Qiang

Inorganic and Physical Chemistry. Inorganic Chemistry/Physical Chemistry/

Applied Chemistry.

Organic Synthesis/Natural Products.

ZAIDI, Saiyid Aftab Ahmad Coordination Chemistry.

Earth Sciences

(Atmospheric Sciences, Geo-Sciences, Oceanography Geography-Scientific aspects)

Name	Specialization
Hairic	Opcolarization

ACHARYYA, Subhrangsu Kanta AGRAWAL, Dharma Pal	Stratigraphy/Tectonics/Geodynamics. Palaeoclimate/History of Science & Technology/Evolution of Brain/Traditional
AHMAD, Talat	Knowledge Systems. Igneous Petrology/Geochemistry/Himalayan Geology.
AHMED, Shakeel	Ground Water Hydrology/Geophysics/ Geostatistics.
AJAI	Geoinformatics, Earth Science, Environment and Natural Resources Management.
ARORA, Baldev Raj	Magnetotelluric/Seismicity/Seismotectonic/ Earthquake Precursors.
BAJPAI, Sunil	Vertebrate paleontology/Biostratigraphy/ Paleobiogeography/Paleoecology.
BANSAL, Abhey Ram BHARDWAJ, Anil	Geophysics/Fractals/Signal Processing. Planetary and Space Science/ Multi- wavelength Observations/Solar System Exploration.
BHASKARAN, Prasad Kumar	Physical & Dynamical Oceanography/Tropical Cyclones/Climate Science.
BHATTACHARYA, Sourendra K.	Stable Isotope Geochemistry/Isotope Ratio Mass Spectrometry/ Palaeo Climatology.
BHATTACHARYYA, Archana	Ionospheric Physics/Geomagnetism/Space Weather.
BISWAS, Sanjib Kumar	Petroleum Geology/Structure-Tectonics & Stratigraphy.
CAZENAVE, Anny	Earth Sciences : Oceanography, Geosciences.
CHADHA, Rajender Kumar CHAKRAPANI, Govind Joseph	Seismology. Environmental Geochemistry/Water Environment/Rock-Water Interaction.
CHAMYAL, Laxman Singh CHAUHAN, Prakash	Quaternary Geology/Neotectonics. Remote Sensing of Earth & Planetary Sciences.
DAS GUPTA, Somnath	Metamorphic Petrology/Ore Geology.
DASIKA, Durga Prasada Rao	Geosciences/Remote Sensing.
DASIKA, Nagesh Kumar	Earth Sciences/Water Resources Engineering/Applied Hydrology.
DIMRI, Ashok Priyadarshan	Himalayan Climate/Climate Modeling/Two Rains: Summer & Winter.
DIMRI, Vijay Prasad	Geophysics/Fractals/Signal Processing.
DORAISWAMY, Shankar	Tropical Ocean Dynamics/Ocean-atmosphere Interaction/ Monsoons.
GAUNS, Manguesh Uttam	Oceanography/Marine Biodiversity/Marine Biogeochemistry.

Earth Sciences 385

GAUR. Vinod Kumar Earth System Science (Geophysical

Sciences).

GHOSH, Subimal Hydrometerology/Regional Climate

Modeling/Hydrology.

GOPALAN, Kunchithapadam Cosmochronology/Geochronology/Mass

Spectrometery.

GOSWAMI, Bhupendra Nath Tropical Meteorology/Monsoon

Dynamics/Predictability of Weather and

Climate.

Solar System Studies/Solar-Stellar GOSWAMI, Jitendra Nath

Relationship/ Geochronology.

Mesozoic Vertebrate Palaeontology/Evolution GUNTUPALLI, V.R. Prasad

of Mesozoic Mammals/Cretaceous-

Palaeobiography of India.

Experimental Petrology/Thermodynamics. GUPTA, Alok K.

Paleomonsoon/Global Climates/ GUPTA, Anil Kumar

Paleoceanography.

Geophysics/Seismology. GUPTA. Harsh Kumar

GUPTA, Sushil Kumar

KARUMURI, Ashok

MELOTH, Thamban

JAIN, Vikrant

Hydrology.

HAIDER, Syed Aftab Planetary Atmospheres/Mars

Aeronomy/Cometary Atmospheres.

Geo-Sciences/Earth Surface Processes/River

Science.

JAYANANDA, Mudlappa Geochemistry/Radiogenic Isotopes/ Early

Earth Dynamics/Origin of Protocontinents. Tropical Indo-Pacific and Monsoonal

Variability/Earth System Modeling/Seamless

Prediction and Applications.

Meteorology/Atmospheric Physics/Monsoon KESHAVAMURTY, R.N.

Studies/Climate Studies.

KNOLL, Andrew Herbert Paleontology/Geobiology.

Continental Rifting/Lithospheric Dynamics/ KOLLURU, Krishna Sree

Tectonics/Plate Tectonics/ Marine

Geophysics.

KRISHNAMOORTHY, K. Atmospheric Sciences/Aerosols/Radiative

Forcing.

Oceanography/Biogeo Chemistry. KUMAR, Maripi Dileep

Seismic/Seismology. KUMAR, Prakash

Geomagnetism and Space Plasma LAKHINA, Gurbax Singh

Physics/Space Weather.

LAL, Shyam Atmospheric Science/ Atmospheric Chemistry

/Ozone and trace gases/ Environmental and

Climatic Changes.

Chemical Engineering/Polymers/Catalysis. MADRAS, Giridhar MALL, Rajesh Kumar

Climate Change & Impacts/Climate-Crop

Simulation Modelling/ Disaster Risk

Management/Meteorology.

Tomographic Inversion/Modeling & MANDAL, Prantik

Processing of Earthquake Data/Modeling of

Earthquake Hazard.

MANGLIK, Ajai Geophysics (Computational Geodynamics).

Cryospheric Studies/Ice Core

Palaeoclimatology/Polar Studies.

Applied Geophysics/Seismology/Disaster Risk MISHRA, Om Prakash Management Science. MISHRA, Vimal Hydrology/Water Resources/Climate Change. MOHAN, Anand Metamorphic Petrology/Mineralogy/ Consciousness Studies / Disaster Management and Mitigation. Urban Climate/Air Quality Modelling/Extreme MOHAN, Manju Weather. Numerical Weather Prediction/Monsoon MOHANTY, Uma Charan Dynamics/Climate Modelling/Climate Change Studies/Tropical Meteorology/ Mesoscale Modelling System. MUKHOPADHYAY, Dhrubajyoti Structural Geology/Precambrian Geology/Metamorphic Petrology. MUTHALAGU, Ravichandran Oceanography. Oceanography/Aquatic Biogeochemistry/ NAQVI, Syed Wajih Ahmad Global Chance. Geo-Tomography/Earthquake & Engineering NATH, Sankar Kumar and Exploration Seismology/Mathematical Geophysics. NAYAK, Shailesh Remote Sensing/Oceanography/Natural Geophysics/Exploration Geoelectromagnetics. NEGI, Janardan G. PANDE, Kanchan Geochemistry/Isotope Geology/Ar-Ar Geochronology. PANDEY, Om Prakash Geophysics/Geological Sciences/Earth's Thermal Evolution. PATHAK. Bhan Datt Hvdrogeology/Groundwater Hvdrology. POWAR, Krishnapratap B. Petrology/Tectonics/Environmental Geology. RAI, Shyam Sundar Geophysics, Seismology. RAJAGURU, Sharad Narhar Quaternary Geology/Prehistoric -Environment, particularly of W.India. RAJEEVAN, Madhavan Nair Climate/Monsoons. RAM, Avadh Geophysics (Exploration Geophysics, Seismology and Digital Data Processing). RAO, Nittala Venkata Chalapathi Mineralogy/Igneous Petrology/Geochemistry. RASTOGI, Ram Gopal Geomagnetism/Aeronomy/Space Physics. Structural Geology & Tectonics, Ore Geology. RAY, Sumit Kumar ROY, Kalyan Kumar Electrical and Electromagnetic Methods in Geophysics/Potential Theory/Inverse Theory. SAHNI, Ashok Vertebrate/Biostratigraphy/Biomineralization. SAIN, Kalachand Inversion, Modeling and Machine Learning: Investigation of Gas Hydrates, Imaging Subvolcanic Sediments, Understanding Geotectonics and Earthquake Processes. SATHEESH, Sreedharan K. Aerosols/Clouds/Climate. SAXENA, Mahendra Nath Igneous & Metamorphic

SEN, Sisir Kumar

SENGUPTA, Rabindra Nath

SHENOI, Sadananda Satheesh C.

SHARMA, Shiv Kumar

Petrology/Tectonics/Himalayan Geology.

Chemical Oceanography/Marine Pollution.

Electrooptics/Spectroscopy/Experimental

Metamorphic Petrology/Geochemistry.

Circulation/Satellite Oceanography.

Mineralogy/ Petrology.
Physical Oceanography/Ocean

Earth Sciences 387

SHETYE, Satish Ramnath
SINGH, Arun Deo

Physical Oceanography.
Geo-Sciences/Oceanography.

SINGH, Pradeep Kumar

Rock Mechanics & Mining Methods/Rock
Excavation Engineering/ Coal Science.

SINGH, Sri Krishna

Earthquake Source Studies/Seismotectonics

Seismic Hazard.

SINHA, Dilip Kumar

SINGH, Sunil Kumar Biogeochemistry/Indian Oceanography/

Isotope Geochemistry.

SINGHVI, Ashok Kumar Geosciences (Quaternary, Geochronology, Paleoclimate, Radiation Effects in Minerals).

Nonlinear Mathematics/Mathematical

Ecology/Natural Disaster & Risk Management.

SINHA, Rajiv Quaternary Geology/Geomorphology/River

Science, Climate Change.

SRIDHARAN, Rajagopal Aeronomy/Solar Terrestrial Physics.

SRINIVASAN, Ramaswamiah

Precambrian Geology with special reference to sedimentation structure and stratigraphy/
Groundwater Quality and Sustainability.

SRIVASTAVA, Deepak Chandra Structural Geology.
SRIVASTAVA, Hari Narain Seismology/Meteorology.
SRIVASTAVA, Rajesh Kumar Igneous Petrology/Geoch

lgneous Petrology/Geochemistry/Precambrian
Tectonics/Supercontinent Reconstructions/

Planetary Science.

TANDON, Sampat Kumar Sedimentology/Quanternary

Geology/Palaeoclimate.
TIWARI, Virendra Mani Geophysics/Hydrology/ Geodynamics.

TRIPATHI, Sachchida Nand Environmental Science and

and Environmental Science and

TRIPATHY, Subhasish
VENKATARAMAN, Chandra

Engineering/Atmospheric Sciences.
Earth Sciences (Geo-Sciences).
Atmospheric Science/Environmenta

Atmospheric Science/Environmental and Climate Science/ Aerosol Chemistry and

Physics.

VERMA, Virendra Krishna Geology Geomorphology/Sedimentology/Geo-

Environment.

VINAYACHANDRAN, P.N. Oceanography/Ocean Modeling.

WAGH, Arun B. Marine Biodeterioration/Marine Biology/

Oceanography.

WALI, Mohan K. Ecology/Environmental Science.

WYLLIE, Peter John Experimental Petrology, Granite, Carbonatite. YADAV, Ram Ratan Climate Change/Palaeoclimate/Tree-ring

analysis.

Engineering Sciences including Engineering Technology (Engineering and Engineering Science, Chemical and Material Technology, Electronics & Telecommunication, Information

Technology, Instrumentation)

Name	Specialization
name	Specializa

AATRE, Vasudev K.	Electronics & Telecommunication.
ABBASI, Shahid Abbas	Environmental Engineering/Energy Studies/
	Environmental Science/Process Safety/
ACHADYA Daniela	Bioprocess Engineering.
ACHARYA, Damodar	Industrial Engineering/Operations Research/Operation Management.
AGARWAL, Avinash Kumar	I.C. Engines/Fuels/Emission Control/
7.67.(TVV/L, /Wildon Kullai	Sustainability/Optical Diagnostics.
AGARWAL, Vivek	Power Electronics/Renewable Energy/Power
ŕ	Quality.
AGRAWAL, Amit	Fluid Mechanics/Heat Transfer/Bio-
	Microdevices.
AJAYAN, Pulickel M.	Engineering Sciences.
ALEX, Thekkethil Kochandy	Satellite Technology.
ARUNACHALAM, V.S.R.	Infrastructure Systems/ National Security Technology.
ARVIND	Computer Architectures/Programming
,	Languages and Compilers/Hardware Design
	and Tools.
BAHADUR, Birendra	Liquid Crystal Displays (LCDs)/OLEDs/
	Displays - All Others/Liquid Crystals/optics
	and Electro-optics.
BAHL, Om Prakash	Carlion Materials.
BAJAJ, Kamlesh Kumar	Information Technology.
BALAKRISHNAN, N.	Computational Electromagnetics/Information
BALANI, Kantesh	Security/High Pefermance Computing. Surface and Coatings/Biomaterials/Ultra High
DALANI, Namesii	Temperature Ceramics.
BALASUBRAMANIAN, Krishnan	Acoustics and Ultrasonics/Nondestructive
,	Evaluation and Testing/Measurements and
	Imaging.
BANDYOPADHYAY, Bijnan	Electronics & Telecommunication/Control
	Systems/Sliding Mode Control.
BANDYOPADHYAY, Sanghamitra	Bioinformatics/Soft Computing/Pattern
DANIED ICE Dinankor	Recognition.
BANERJEE, Dipankar BANERJEE, Soumitro	Physical Metallurgy.
BANERJEE, Soumillo BANERJEE, Srikumar	Nonlinear Dynamics/Chaos Theory.
BASU, Anupam	Physical Metallurgy/Electron Microscopy. Al and Language Processing/Embedded
DAGO, Allupalli	Systems/Popularization of Science.
	Cystems/1 opularization of solence.

Chemical and Material Technology, including BASU, Bikramjit

> Biomaterials Science and Biomedical Engineering and Engineering Ceramics.

Chemical Engineering/Biochemical BASU, Samar Kumar

Engineering.

BASU, Suddhasatwa Energy Materials, Rechargeable Battery,

Hydrogen Energy & Fuel Cells, Water Splitting & CO₂ Conversion, Electro-synthesis

BELLARE, Jayesh Ramesh Cryo EM & Optical Microscopy/

Nanotechnology/Biomedical devices. Metallurgy/Materials Science/Steels. BHADESHIA, Harshad Dharamshi BHAT, Navakanta Nanotechnology/Biosensors/Gas Sensors.

BHATKAR, Vijay P. Computer Science.

BHATNAGAR, Manav Electronics & Telecommunication/Wireless

Communications.

BHATNAGAR, Shalabh Stochastic Approximation

Algorithms/Reinforcement Learning/ Stochastic Optimization.

Computer Science & Engineering/VLSI BHATTACHARYA, Bhargab B.

Design/Nanotechnology.
BHATTACHARYYA, Sriman Kumar Sustainable Materials/Fluid-Structure

Interactions/Structural Retrofitting and

Rehabilitition.

Fluid Mechanics/Heat Transfer/CFD/Boiling. BISWAS, Gautam

BORKAR, Vivek Shripad Stochastic Control and Optimization/

Stochastic Algorithms.

BOSE, Tarit Kumar Aerospace Engg. CHAKRABORTY, Chandan

Power Electronics/Electrical Machines/Renewable Energy.

CHAKRABORTY, Mrityunjoy Electronics and Telecommunication

Engineering.

Mechanical Engineering/ Fluid Mechanics & CHAKRABORTY, Suman

Thermal Sciences/Microfluidics/

Nanofluidics/Technologies for Healthcare. Condition Monitoring of High Voltage CHAKRAVORTI, Sivaji

Equipment/Optimization of High Voltage

System/High Voltage Fields.

Digital Image Processing/Pattern

CHANDA, Bhabatosh Recognition/Computer Vision.

Traffic Engineering/Highway Capacity/ CHANDRA, Satish Highway Material Characterization.

Satellite Technology/Spacecraft Mission CHANDRASEKHAR, M. G. Planning & Operations/Earth Observation and Communication Satellites & their Applications.

CHATTERJEE, Anindya

Mechanical Engineering.
Physical Metallurgy and Materials Science/ CHATTOPADHYAY, Kamanio

Alloy Development for High Temperature and Extreme Environment/Energy Materials.

CHAUDHURI, Bidyut Baran Image Processing/Pattern

Recognition/Natural Language Processing. CHAUDHURI, Subhasis

Computer Vision/Multimedia/Image

Processing//Haptics.

CHAUDHURY, Santanu

Information Technology.
Computer Science & Engineering. CHEBIYYAM, Siva Ram Murthy Chemical Engineering Systems.

CHHABRA, Rajendra Prasad Transport Phenomena/Non-Newtonian Fluid Mechanics. Wireless Communication and Networking. CHOCKALINGAM, A. Materials Science and Engineering. CHOKSHI, Atul Harish Zeolites/Catalysis and Reaction CHOUDHARY, Vasant R. Engineering. Civil Geotechnical Earthquake Engineering/ CHOUDHURY, Deepankar Computational Geomechanics/Foundation Engineering/Disaster Management. Materials Science & Engineering/Energy CHOWDARI, B.V.R. Storage/Functional Materials & Applications. DAS, Jyotirmay Computer Science/Remote Sensing/Atmospheric Science. DAS, Prasanta Kumar Multiphase Flow/Heat Transfer. DAS, Sarit Kumar **Engineering and Engineering** Science/Chemical and Material Technology. DASGUPTA, Sunando Interfacial Phenomena/Microfluidics/Microscale Transport Processes. DE, Sirshendu Membrane Separation/Transport Phenomena/Pollution Control. DE, Swades Communication Systems and Networks. Nanoelectronics/Optoelectronics/ DEEN, Mohamed Jamal Nanotechnology/Data Analytics. Metallurgy & Material Science/Electron Microscopy/Radiation Damage. DEY, Gautam Kumar DEY, Subhasish Hydrodynamics/Turbulence/Fluvial Hydraulics. DURST, Franz Josef Fluid flow measuring techniques with emphasis laser Doppler - and phase Doppler -Anemometry/Numerical fluid mechanics with emphasis on method developments/ Laminar and Turbulence Transition/Turbulence with emphasis on anisotropic turbulence/Transition of pipe flows/Coating and drying of thin fluid films/Extended Navier-Stokes equations/Evaporation of fluids. DUTTA ROY, Suhash Chandra Circuits/Systems and Signal Processing. Mechanical Engineering/Energy Sciences. DUTTA, Pradip Hartmut Materials Physics/Metastable ECKERT, Jurgen Materials/Non-Equilbrium Phase Formation and Properties. GADHE, Padmanabham Materials Joining/Laser Processing of Materials/Additive Manufacturing. GAIROLA, Bhartendu Kumar Information Technology. GANGULI, Ranjan Aerospace Engineering. GANGULY, Chaitanyamoy Nuclear Fuels & Reactor Core Structural Materials/Ceramics/Powder Metallurgy Electronics/ Optoelectronics/Semiconductor GAUTAM, Dinesh Kumar Materials and Devices/ Nanomaterials. GHOSE, Debasish Autonomous Systems/Robotics/Aerospace.

GHOSH, Amitabha

GHOSH, Anup Kumar

Mechanics, Machine Dynamics & Robotics,

Polymer Science & Engineering/Rheology/

Manufacturing Science.

Chemical Engineering.

GHOSH, Ashish Computer Science/Artificial Intelligence/Data Science.

GOEL, Prem Shanker Satellite Control Systems/Space Technology. GOGATE, Parag Ratnakar Chemical Engineering/Cavitation induced

Process Intensification/Wastewater

Treatment.

GOPALAN, Jagadeesh Hypersonic Aerothermodynamics/Shock

Waves/Bio-Medical Engineering.

GOVINDARAJAN, Rama Fluid Dynamics. Petroleum Engineer/HRD Specialist. GOYAL, Kundan Lal

GUHA, Debatosh Electronics & Telecommunication. GUPTA, A.C. Oil & Paint Technology.

GUPTA, Ashok Kumar Environmental Science & Engineering/Water Treatment/ Wastewater Management and

GUPTA, Avadhesh Kumar Polymer Science/Polymer Blends and

Composite Materials. Plasticity and Impact Engineering.

GUPTA. Narinder Kumar

Polymer Engineering & GUPTA, Santosh Kumar

Science/Optimization/Simulation of Electro-Chemistry & Industrial Chemicals. GUPTA, Sita Ram GUPTA, Suresh Chandra Control & Instrumentation/Space Technology. HARINARAYANA, Kota

Aeronautical Engg./Aircraft Design/Technology Management.

HARITSA, Jayant Ramaswamy Information Technology.

IYENGAR, Rangachar Narayana History of Science/Disaster Mitigation/ Structural Dynamics/Random Vibration/

Engineering Seismology.

Thermodynamics of Materials/Extraction, JACOB, Kallarackel Thomas

Synthesis and Purification of Materials/High Temperature Solid State Chemical Sensors/

Fuel Cells and Electrolyzers/High Temperature Reactions.

JAYARAM, Vikram Materials Science/Ceramics.

JHUNJHUNWALA, Ashok Tele-communications/Computer Networks/ Fiber Optics/ Renewable Energy and Electric

Vehicles.

Chemical Engineering/Fluid Mechanics/ JOSHI, Jyeshtharaj Bhalchandra

Reactor Design/ Absorption of NOx Gases/ Solar Energy/Atomic Energy and Bio Energy. Precision Manufacturing/Micro-Machining/

Laser-based Surface Texturing.

JOSHI, Yogesh Moreshwar Rheology/Soft Matter.

JOSHI, Suhas S.

KAILATH, Thomas Information Theory/Signal Processing/Matrix Theory. KAKODKAR, Anil Nuclear Reactor Engineering/Structural

Engineering/Nuclear Safety. Solid and Structural Mechanics. KANT, Tarun

KAPURIA, Santosh Structural Mechanics/Multifunctional Structures/Structural Health Monitoring. KASHYAP, Bhagwati Prasad Superplasiticity/Thermo-Mechanical

Treatment/Grain Boundary Phenomena.

KHAKHAR, Devang Vipin Chemical Engineering. Transportation Planning and KHANNA, Sudarshan Kumar

Engineering/Higher and Technical Education.

KOTHARI. Dwarkadas Pralhaddas Power Systems/Energy Machines. Fluid Mechanics/Heat Transfer/Interfacial KRISHNAMURTHY, Muralidhar Phenomena. Image Processing/Remote Sensing. KRISHNAN, Ramakrishnan KRISHNAN, Rangachari Physical Metallurgy/Materials Science. Polymerization Reaction Engineering and KUMAR, Anil Controls. KUMAR, Vikram Semiconductor Physics and Technology. Image & Video Analysis/Machine Intelligence/ KUNDU, Malay Kumar Computer Science. KUNZRU, Deepak Structured Reactors/Catalysis/Petroleum Refining. LATAIEF, Khaled Ben Electronics & Telecommunication/Information Technology. Physical Metallurgy/Materials Science. LELE, Shrikant MAITI, Himadri Sekhar Materials Engineering/ Glass & Ceramic Engineering. Polymer Technology/Polymer Blends & Micro MAITI, Saurindra Nath Nano Composites/Bio-degradable Polymer Systems. MAITI, Surjya Kumar Stress Analysis/Finite Element Methods/Fracture Mechanics. MAJI, Pradipta Pattern Recognition/Machine Learning/Image Processina. Engineering Sciences (Biomaterials). MALLAPRAGADA, Surya K. MALLIK, Asok Kumar Mechanical Engineering. Electrical Engineering (Communications). MALLIK, Ranjan Kumar MAMIDALA, Jagadesh Kumar Nanoelectronics. MANNA, Indranil Physical Metallurgy/Phase Transformation/ Nanomaterials/ Surface Engineering/Additive Manufacturing. MANOCHA, Lalit Mohan High Temperature Composite Materials/Carbon Science & Technology/ Nanomaterials and Nanotechnology. MASHELKAR, Raghunath Anant Polymer Science & Engineering/Molecular & Convective Diffusion/Non-Newtonian Fluid Mechanics/Rheology. Machine Intelligence/Data Science/ MAULIK, Ujjwal Bioinformatics. MEHRA, Anurag Multiphase Reaction Engineering/Surface & Colloidal Systems/ Nanomaterials.

Process Metallurgy/Mathematical Modeling and Simulation/ Process Development and

Metallurgy/Material Science & Engineering.

Materials Science Processing/Hard Coating/ Protective Coatings/Energy Materials/High

Internet of Things/Wireless Sensor Networks.

Renewable Energy/Power System/Smart

Control/Mineral Processing. Wireless Communications.

Temperature Materials.
Polymer Science & Engineering.

Grid.

MEHROTRA, Surya Pratap

MEHTA, Neelesh B.

MISHRA. Suman Kumari

MISHRA, Sanak MISHRA, Sukumar

MISRA, Ashok

MISRA, Sudip

MITRA. Rahul Allovs. Intermetallics and Ceramic

Composites for High Temperature Applications/Mechanical Behavior of Materials/ Materials Characterization.

MITRA, Sanjit Kumar Analog and Digital Signal Processing/Image

Processing.

MITRA, Sushanta Kumar Microfluidics & Nanofluidics/Wetting/Water

Quality Monitoring & Treatment.

MITRA, Sushmita Machine Learning/Data Science/Medical

Imaging.

MITTAL, Sanjay Fluid Dynamics/High Performance

Computing.

Chemical Reaction Engineering/Bioprocess MODAK, Jayant Moreshwar

Engineering/Systems Biology.
Advanced Materials & Coating Development/ MUDALI, Kamachi Uthandi

Corrosion Science & Engineering/Speciality Materials & Chemical Technologies.

Civil Engineering/Structures/Sustainability.

MUKHERJEE, Abhijit MUKHERJI, Soumyo Biosensors/Bio-Medical

Instrumentation/Cardiac Electrophysiology.

MUKHERJI, Suparna Environmental Engineering/Environmental

Science.

MUKHOPADHYAY, Achintya Mechanical

Engineering/Combustion/Thermofluids. MUKHOPADHYAY, Nilay K. Structural Metallurgy/Quasicrystals/Non-

equilibrium Processing.

Technical Acoustics/Industrial Noise MUNJAL, Manohar Lal Control/Automotive Noise Control.

Micro-Nano MURMU, Naresh Chandra

Manufacturing/Composites/Energy Storage

Systems.

Nano Materials/Composites/Phase MURTY, Budaraju Srinivasa

Transformations.

MUSTI, Narasimha Murty Pattern Recognition/Machine Learning. NAIK, Niranjan Krishna

Polymer Matrix Composites/Textile Composites/Ballistic Impact/Fracture and

Fatigue of Composites/Aerospace Technology.

Space Technology/Rocket System NAIR, Gopalan Madhavan

Design/Science and Technology

Management.

NARAHARI, Yadati Game Theory/Network Economics/Electronic

Commerce.

NARAYAN, Jagdish Q-Carbon and Diamond Related Materials,

Nanomaterials/Laser Processing of Materials/

Naroscale Characterization.

NATARAJAN, Kootalai Anantaa I. Mineral

Beneficiation/Biometallurgy/Environment/Corr

osion/Hydrometallurgy.

NETRAVALI, Arun N.

PACHAURI, Rajendra Kumar

PADMANABHAN, Kuppuswamy A.

Communications/Networking.

Energy Economics/Energy Engineering. Mechanical Metallurgy/Metal Forming/Super-

plasticity and Plasticity/Nanostructured and Ultrafine Grained Materials/Modelling &

Simulation.

PAL, Sankar Kumar Pattern Recognition/Image and Video

Processing/Neural Networks, Rough-Fuzzy Computing/Soft Computing and Data Mining/Bioinformatics/Cognitive Systems/ Safety Analytics/Video Analytics and Deep

Learning.

PAL, Surendra Microwaves/Electromagnetics/Space

Communication/Radars, Satellite Navigation (GPS, GAGAN, GLONASS, GALILEO).

PANDA, Ganapati Digital Signal Processing/Soft Computing and

Digital Communication.

PANDIT, Aniruddha Bhalchandra Chemical Engineering/Multiphase

Reactors/Cavitation Phenomena.

PANIGRAHI, Bijaya Ketan Power System Operation, Control, Protection

and Management/ Smart-Grid/Cybersecurity.

PANT, Kamal Kishore Heterogeneous Green Catalysis for

Sustainable Energy and Hydrogen Generation

and Waste to Wealth.

PATNAIK, Lalit Mohan Computer Science and Engineering/ Information Technology/Electronics.

PAULRAJ, Arogyaswami Joseph Electronics & Telecom/Information

Technology.

PETTIGREW, Roderic Ivan Applied Physics in Medicine/Bioengineering/

Medical Imaging.

PRADHAN, Ashok Kumar Power System/Electric Energy System/Smart

Grid Technology.

PRAMANIK, Ashutosh Electromagnetism/Partial Differential

Equation's in Engineering.

PRASAD, Surendra Signal Processing & Communication.
PRATAP, Rudra MEMS and NEMS Sensors/Vibrations and

Acoustics Mechanobiology.

RAICHUR, Ashok M. Biomaterials/Drug Delivery/Tissue

Engineering.

RAJAN, Balaji Sundar Wireless Communication/Coding Theory/Communication Theory.

RAJARAMAN, Vaidyeswaran Computer Science.

RAMACHANDRAN, Arcot Thermal Engineering & Heat Transfer.

RAMAMURTHY, Praveen C. Organic Electronics/Sensors/Photovoltaics.

RAMASWAMY, M. A. Aerodynamics.

RANGANATHAN, Srinivasa
Materials Science/Engineering/History of
Mining, Minerals, Metals and Materials.
RAO, Palle Rama
Physical & Mechanical Metallurgy: Alloy

Development.

RAO, Paranandi V. Suryanarayana Artificial Intelligence, Computer Systems/

Speech & Script/Natural Language

Processing.

RAO, Ramgopal V. Nanoelectronics/Sensors/Microelectronics. RAY, Manas Chandra Smart Composite Structures/Micromechanics

and Nanomechanics/ Strain Gradient

Elasticity.

RAY, Subrata Materials Development including Cast Metal

Matrix Composites /Nanocomposites and

Energy Materials.

Human - Computer Interaction and Artificial REDDY, Raj Intelligence/Spoken Language System. Nano-Bio-Neuro-Photonics/Ultrafast Optical ROY, Sukhdev

Information Processing.

SARMA, Puranam Bhaskara S. Water Resources Engineering/Irrigation Water

Management.

SENANI, Raj Analog Integrated Circuits and Signal Processing/Analog VLSI, Circuits & System. Fiber and Integrated Optics/Gradient-Index SHARMA, Anurag

Optics/Applied Optics. Engineering Science & Technology.

SHARMA, Archana Nanotechnology/Colloid and Interface SHARMA, Ashutosh Science/Self-assembly.

Mass Transfer with Chemical

SHARMA, Man Mohan Reaction/Separation Technology/Catalysis

with Ion Exchange Resins.

Applied Electromagnetics/Fiber Optic SHEVGAONKAR, Raghunath K.

Communications/Antennas, Radio Astronomy,

Image processing.

SHYAMASUNDAR, Rudrapatna K.

SINGH, Bhim

SINGH, Digvijai SINGH, Jayant Kumar Computer Science & Information Technology. Power Electronics/Electric Machines/Electric

Dynamics of Mechanical Systems/Tribology. Material Modeling/Thermodynamics/Gas

Separation and Storage. SINGH, Kamala Prasad Thermodynamics/Nuclear and Hydrogen

Storagematerials/High Temperature

Oxidation.

Polymer Science and Engineering/Rheology SINGH. Ram Prakash

and Ultrasonics.
Biomimetics/Nanomaterials/Biomaterials. SINHA, Arvind SINHA, Bhabani P. Parallel/Distributed Computing, Mobile Computing Wireless Networks.

SIVAN, Kailasavadivoo Integrated Mission Design and Analysis/Guidance System Design.

Thermal Science and Engineering/Droplet and SOM, Sankar Kumar

Spray Combustion.

Launch Vehicles Systems SOMANATH. Sreedhara Panicker

Engineering/Structural Design/ Analysis. SRINIVASAN, Srikanth Thermodynamics and Kinetics/Solid Oxide

Fuel Cells/Extractive Metallurgy. SRIVASTAVA, R.D. Chemical Engineering Kinetics & Catalysis;

Oil & Gas.

Point of Care Diagnostic Devices/MEMS SRIVASTAVA, Rohit Technologies/Nanoengineered Biosensors.

Computer Science & Engineering/Database SUDARSHAN, Sundararajarao Systems.

SUKHATME, Suhas Pandurang Heat Transfer/Energy.

SUNDARARAJAN, Govindan

Surface Engineering/High Temperature
Deformation and Fracture/Impact Dynamics

and Ballistic Penetration.

Crystallographic Texture/Processing of SUWAS, Satyam

Metallic Materials/ Mechanical Behaviour of

Materials.

TIWARI, Manoj Kumar Logistics and Supply Chain Management/

Manufacturing Planning and Scheduling/

Optimization and Simulation.

UPADHYAY, Siddh Nath

VARMA, Manik

Transfer Processes/Heterogeneous
Catalysis/Environmental
Engineering/Renewable Energy.
Machine Learning/Information
Retrieval/Artificial Intelligence.
Industrial Engineering & Operations Research
and System Dynamics for Policty Modeling. VRAT, Prem

WELLAND, Mark Edward WINDLE, Alan Hardwick YADAV, Ganapati Dadasaheb

Nanoscience.
Polymers/Carbon Nano Tubes.
Chemical Engineering/Green Chemistry &
Engineering/Catalysis Science & Engineering/
Biotechnology/Nanomaterials &
Nanocatalysis/Energy Engineering.

ZARABI, M.J. Microelectronics.

Mathematical Sciences

(Pure Mathematics, Applied Mathematics, Statistics, Computer/Information Science)

Name	Specialization
ACHUTHAN, Paninjukunnath	Applied Mathematics/Theoretical Physics/ Optimization/Approximation/Mathematical Modeling/Science and Spirituality Studies.
ADABALA, Ramachandra Rao	Fluid Mechanics : Rotational flows/Physiological flows.
ADHIKARI, Sukumar Das ADIMURTHI, A. AGRAWAL, Manindra AMARANATH, Tirumalasetty ARYA, Shashi Prabha BAISNAB, Abhoy Pada BAKSHI, Gurmeet Kaur BALAJI, Vikraman BALAKRISHNAN, Ramakrishnan BALASUBRAMANIAN, R. BAMBAH, Ram Prakash BANERJEE, Mihir B.	Number Theory/Combinatorics. Differential Equations. Theory of Computation. Fluid Mechanics. General Topology/Mathematical Education. Functional Analysis/General Topology. Algebra/Algebraic Coding Theory. Algebraic Geometry/Representation Theory. Number Theory. Number Theory. Number Theory/Discrete Geometry. Hydrodynamic & Hydromagnetic Stability.
BANSAL, Jawahar Lal	Fluid Dynamics/Boundary Layer Theory/Differential Equations/ Jet Flow/Tensor Analysis.
BASU, Ayanendranath BASU, Uma	Parametric Statistical Inference/Biostatistics. Fluid Mechanics/Dynamical Oceanography/ Dynamical Meteorology, Wavelets.
BATRA, Punita	Representation Theory of Infinite Dimensional Lie Algebras.
BHANDARI, Ashwani Kumar BHARGAVA, Manjul BHARGAVA, Srinivasamurthy	Mathematics/Algebra. Number Theory. Works of Srinivasa Ramanujan/Complex Function Theory/Optimization and Control Theory.
BHAT, Badekkila V. Rajara	Quantum Probability/Operator Algebras/Operator Theory.
BHATIA, Prem Kumar	Fluid Mechanics/Magnetohydro Dynamics/Plasma Dynamics/ Astrophysics.
BHATIA, Rajendra BHATTACHARYYA, Somnath	Matrix Analysis. Applied Mathematics/Computational Fluid
BHATTACHARYYA, Tirthankar	Dynamics/ Microfluidics Modeling. The Theory of Operators on Hilbert Spaces/Analysis of Several Complex Variables.
BHOSLE, Ushadevi Narendra BISWAS, Somenath BOSE, Arup BUJURKE, Nagendrappa M.	Algebraic Geometry. Computer Science. Statistics/Probability/Econometrics. Applied Mathematics/Fluid Dynamics/ Numerical Analysis and Wavelets/Krylov Subspace Methods'/Approximation Theory.

Applied Mathematics/Boundary Value Prob-CHAKRABARTI. Aloknath lems/Integral Equations. CHAKRABORTY, Partha Sarathi Noncommutative Geometry/Operator Algebras/Global Analysis. CHANDRA, Peeyush Mathematical Modelling/Biofluidmechanics. Operations Research/ Mathematical Ecology/ CHAUDHURI, Kripasindhu History of Mathematics/Fluid Dynamics. CHAUDHURI, Probal Statistics. Numerical Analysis/Mathematical Elastici-CIARLET, Philippe G. ty/Plates and Shells/Applied Differential Geometry. Statistics/Applied Differential Geometry. COX, David DANDAPAT, Bhabani Shankar Fluid Mechanics/Flow Stability/MHD/Thin Film Development. Lie Groups/Ergodic Theory/Probability DANI, Shrikrishna Gopalrao Measures/History of Mathematics. DATTA, Basudeb Combinatorial and Algebraic Topology/ Convex & Discrete Geometry. DEY. Aloke Statistics. Analysis/Numerical Approximations/Fourier DIKSHIT, H.P. Analysis/Complex Analysis/Finite Element Methods/Computer Aided Design. Algebraic Geometry. DONIHAKALU, Nagaraj Shankar DUBE, Shobh Nath Fluid Mechanics/Heat Transfer. Functions/Function Spaces. GANGAVAAMSAM, R.S. Pydi Applied Mathematics/Viscous Flows/Flow Through Porous Media. Mathematical Analysis/Functional GEETHA. Srinivasa Rao Analysis/Approximation Theory/Wavelet Analysis. GHORPADE, Sudhir Ramakant Algebraic Geometry/Coding Theory/Combinatorics. Stochastic Control/Stochastic Dynamic GHOSH, Mrinal Kanti Games/Mathematical Finance. GONGOPADHYAY, Krishnendu Geometry/Group Theory/Linear Algebra. GOPALA KRISHNA, Jonnalagedda Innovative Psycho-Mathematical Management Techniques/One/Sev Complex Variables/Probability/Non-Conventional Techniques. Approximation Theory/Complex GOVIL, Narendra Kumar Analysis/Fourier Analysis. GOWDA, G.D. Veerappa Partial Differential Equations. Astronomy/Information Theory/Integral GOYAL, Anand Narayan Transform. GUNDALA, Ramanaiah Applied Mathematics/Fluid Dynamics. Functional Analysis-Schauder Bases, GUPTA, Manjul Decompositions/Scalar & Vector Valued

Sequence Spaces, Infinite Dimensional Holomorphy/Operator Theory - Ideals of Linear Operators, Hypercyclicity &

Algebraic Geometry/Commutative Algebra.

Approximation Property.

History of Mathematics.

Geometry of Numbers.

GUPTA, Radha Charan

GURJAR, Rajendra Vasant

HANS-GILL, Rajinder Jeet

JAIN, Rajendra Kumar

HINCH. Edward John Applied Mathematics. Algebraic Geometry. IYER, Jaya Naganathan

Computational Fluid Mechanics/Heat JAIN, Amolak C. Transfer/Hypersonic Rarefield Flows. Mathematical Modeling/Science & Society. JAIN, Ashok Applied Mathematics/Numerical Analysis/ JAIN, Padam Chand Computational Fluid Dynamics/Computer

oriented Algorithms for Nonlinear PDE. Stability of Fluid Flows/Hydromagnetics Existence/Uniqueness of Solutions of N.S.

Equs.

Fluid Mechanics/Biological JAYARAMAN, Girija

Oceanography/Physiological Fluid Dynamics. Numerical Analysis/Computational Finance/ KADALBAJOO, Mohan Krishen

Option Pricing.

Combinatorics of Block Designs/Design of KAGEYAMA, Sanpei Experiments and Statistics Education.

KANDASWAMY, Palanigounder Atmospheric Waves/Convection/Lubrication Theory.

KANNAN, Varadachariar Topology/Analysis. Mathematical Modeling. **KARMESHU** KESAVAN, Srinivasan Partial Differential Equations.

Algebra/Valuation Theory/Algebraic Number KHANDUJA, Sudesh Kaur

Theory.

KHARE, Shabd Sharan Algebraic Topology.

KHURANA, Dinesh Algebra.

Functional Analysis. KODIYALAM, Vijay KONIJETI. Sreenadh Analysis/Partial Differential Equations.

Mathematical Physics. KRISHNA, M.

Differential Geometry/Riemann KULKARNI, Ravindra Shripad Surfaces/Discontinuous Groups.

KUMAR, Ajay Harmonic Analysis/Operator Spaces/Partial

Differential Equations.

KUMAR, Bayya Venkatesulu R. Numerical Methods for Partial Differential

Equations/Bio- Fluid Mechanics/Parallel Numerical Algorithms & High Performance Computation/Mathematical Modeling &

Simulation.

Statistical Signal Processing. KUNDU, Debasis Analysis/Topology/Functional LAL, Shiva Narain Analysis/Mathematical Programming.

MAJUMDER, Partha Pratim Human Genetics/Biostatistics. Water Waves/Integral Equations/Integral MANDAL, Birendra Nath

Transforms/Wavelets.

Mathematics/Statistics.

MATHAI, A.M. Wavelet Methods for PDEs/Numerical MEHRA, Mani

Methods/Numerical Analysis/Scientific

Computing.

MISHRA, Manoranjan Applied Mathematics.

Operator Theory/Operator Spaces. MISRA, Gadadhar

MISRA, Jagadis Chandra Applied Mathematics/ Mathematical Modeling/

Bio-Microfluidics/Physiological Fluid

Dynamics.

MITTAL, V. Fluid Dynamics/Graph Theory.

Combinatorics/Coding Theory/Matrices/ MOHAN, Ratnakaram Nava

International Education. MOHANTY, Ranjan Kumar Applied Mathematics/Numerical

Analysis/Differential Equations/Computational

Fluid Dynamics.

MUKHERJEE, Rahul Statistics.

MURTY, Vijayakumar

MUKHERJEE, Shyama Prasad Statistics/Operations Research. MUKUNDA, Narasimhaiengar Classical & Quantum Mechanics/

Mathematical Physics/ Theoretical Optics. Number Theory/Algebraic Geometry and

Inforamtion Technology. PDE/Analysis/Tomography. NANDAKUMARAN, A. K.

NARASIMHADEVARA, Vijayaditya Information Technology.

Numerical Analysis/Finite Element Methods. NATARAJ, Neela PAL, Nikhil Ranjan Computational Intelligence/Machine Learning/

Artificial Intelligence/Data Mining/Bioinformatics.

Numerical Analysis/Partial Differential PANI, Amiya Kumar Equations/Industrial Mathematics.

PARANJAPE, Kapil Hari Algebraic Geometry/Differential

Geometry/Topology.

PARIMALA, Raman Algebra/Algebraic Geometry.

Probability Theory/Quantum Information PARTHASARATHY, K. R.

Theory.

PARTHASARATHY, Rajagopalan Representation of Lie Group. PATHAK, Ram Shankar

Distribution Theory/Transform

Analysis/Wavelet Analysis and Applications. PATIL, Prabhugouda MallanagoudaBoundary Layer Flows/Convective Heat and

Mass Transfer/Computational Fluid

Dynamics.

Biological Fluid Dynamics/Biomechanics/ PEDLEY, Timothy John

Mathematical Biology. Complex Analysis/Special PONNUSAMY, Saminathan PRAKASA RAO, B.L.S. Mathematical Statistics. PRASAD. Dipendra Automorphic Representations. PRASAD, Phoolan Partial Differential Equations/Fluid Dynamics/Nonlinear waves.

RAGHAVAN, Komaranapuram N. Representation Theory of Groups and

Algebras.

Lie Groups & Algebraic Groups. RAGHUNATHAN, M. Santanam RAJWADE, Anant Ramchandra Algebraic Theory of Numbers.

RAKA, Madhu Number Theory/Algebraic Coding Theory. Database Systems/Real-time Systems/WWW. RAMAMRITHAM, Krithivasan Algebraic & Differential Geometry. RAMANAN, Sundararaman RAMASWAMY, Mythily Partial Differential Equations/Nonlinear

Functional Analysis/Control Theory.

RAMMURTY, Maruti Number Theory.

RANGARAJAN, Govindan Nonlinear Dynamics/Time Series Analysis.

RAO, Calyampudi Radhakrishna Statistics/Matrix Algebra.

Functional Analysis/Geometry of Banach RAO, Taduri Srinivasa Siva R. K.

Spaces/Approxination Theory. ROY, Bimal Kumar Cryptology/Combinatorics/Statistics.

ROY, Rahul Probability Theory.

ROY, Satyajit Convective Heat and Mass Transfer. SAXENA, Ram Kishore

SHARAN, Maithili

SHIVAKUMARA, I.S.

SHOREY, Tarlok Nath

SHRIKHANDE, S. Shankar

SHUKLA, Jang Bahadur

SANKARAN, N. Commutative Algebra. SANKARAN, Parameswaran Topology/Algebraic groups.

SANKARANARAYANAN, A. Analytic Number Theory/Elementary Number

SARAVANAN, Shanmugam Applied Mathematics/Fluid Dynamics/Flow

Instabilities.

Operator Theory/Analytic Function Theory/ SARKAR, Jaydeb

Banach Spaces.

Algebraic Complexity Theory/Computational SAXENA, Nitin

Algebra & Number Theory/ Cryptology. Special Functions/Integral Transforms/

Fractional Calculus.

Multivariate Inference/Directional Data SENGUPTA, Ashis

Analysis/ Reliability.

Lie Groups and Ergodic Theory. SHAH, Nimish Arun

SHAH, Riddhi Pure Mathematics.

Pure Mathematics - Probability Measures on SHAH, Riddhi

Groups & Dynamics of Group Actions. Applied Mathematics/Atmospheric Boundary Layer/Air Pollution & Physiological Fluid

Mechanics.

Estimation Theory. SHARMA, Divakar

SHARMA, Ramesh Chandra Magnetohydrodynamics/Plasma Physics/ Stabilities in Geophysics/Oil Recovery. SHARMA, Vishnu Dutt

Applied Mathematics/Quasilinear Systems of PDEs/Nonlinear Gasdynamic Waves. Fluid Mechanics & Magnetohydrodynamics.

Theory of Numbers.

Combinatorics/Graph Theory.

Mathematical Modeling of Environmental; Ecological, Biological and Engineering

Systems.

Mathematics/Astronomy & Its History (History SHUKLA, K.S.

of Mathematics & Astronomy).

General Topology/Mathematics Education. SINGAL, Asha Rani SINGH, Ajit Iqbal

Functional Analysis/Harmonic

Analysis/Quantum Information Theory.

Theory of Relativity/Geometry. SINGH, K.P. SINGH. Kamla D. Mathematics (Differential Geometry).

SINGH, Mahendra Pal Applied Mathematics/Bio-fluid Dynamics/Air

Pollution Modeling.

SINGH. Sarva Jit Applied Mathematics/Theoretical Seismology.

SINGH, Surjeet Theory of Rings/Abelian Groups.

Theory of Functions. SINGH, Vikramaditya

Mathematics. SINHA, K.D.P.

SREEHARI RAO, Vadrevu Dynamical Systems/Mathematical Modelling/ Artificial Intelligence/Machine Learning/Data

Science.

Probability/Stochastic Modeling/ SREEHARI, Maddipatla

Characterization Problems.

SRIDHARAN, Ramaiyengar Algebra.

SRIKANTH, Pannapalli N. Nonlinear Functional Analysis and Applications to Differential Equations.

Algebraic Geometry/Commutative Algebra/K-SRINIVAS, Vasudevan Theory. SRINIVASA RAO, Killampalli Quantum Theory of Angular Momentum/ Quantum Groups & Algebras/Special Functions. SRIVASTAVA, Abinash Chandra Fluid Mechanics/Heat Transfer. SRIVASTAVA, Hari Mohan Mathematical Analysis/Applicable Mathematics/Mathematical Physics/Inventory Modelling and Optimation/Probabity and Statistics. Fluid Mechanics/Plasma Dynamics. SRIVASTAVA, Krishna Mohan SRIVASTAVA, Radhey Shyam Fluid Mechanics/Biomechanics/Shock Waves. SRIVASTAVA, Ram Prasad Analysis. SRIVASTAVA, Ramesh Chandra Fluid Dynamics/Numerical Simulation of Shock Wave Problems/ O.R. Algebra/Algebraic Number Theory. SUJATHA, Ramdorai SUNDER, Viakalathur Shankar Operator Algebras/Functional Analysis. SURESH, Venapally Algebra/Number Theory/ Arithematic Geometry. Algebraic Groups/Number Theory. SURY. Balasubramanian TAMIZHMANI, Kilkothur M. Integrable Systems. TANDON, Prahlad Narain Non-Newtonial Fluid Mechanics with applications to Physiological-Fluid-Dynamics/ Synovial Joint Mechanics/Mathematical Modelling of Human and Biological systems and Disposal of Liquid Effluents. Harmonic Analysis/Functional Analysis. TEWARI. Udai Bhan Mathematics (Classical and Functional THAKARE, Nimba Krishna Analysis, Algebra, Discrete Mathematics). THANGADURAI, Ravindranathan Combinatorial Number Theory/ Transcendental Number Theory. Computational Systems Biology, Distributed THIAGARAJAN, P.S. Computing. THRIVIKRAMAN, T. Topology/Fuzzy Mathematics/History of Mathematics. Elastic Waves in Continuous Media/ TOMAR, Sushil Kumar Convections in Fluids/Numerical Methods. Econometrics/Statistics/Machine Learning. ULLAH, Aman UPADHYAY, Ranjit Kumar Differential Equations/Brain and Virus Dynamics/Chaotic Dynamics and Reaction-Diffusion Modeling. Theory of Numbers (Mathematics). VAIDYA, Arun Madhusudan

Fluid Mechanics/Magnetohydrodynamics.

Algebraic Coding Theory).

Differential Geometry/Differential Equations

Commutative Algebra.

and General Relativity.

VENKATACHALAPPA, M.

VERMA, Jugal Kishore

VERMANI, Lekh Raj YAU, Shing Tung

Medical & Forensic Sciences

(Basic and Clinical Medical Sciences, Pharmacology, Anthropology, Psychology and Forensic Sciences, Human genetics, Reproduction Biology, Neurosciences, Molecular Medicine)

Name

Specialization

ACHARYA, Subrat Kumar ADAK, Tridibes AGARWAL, Sanjay Kumar AGGARWAL, Amita AGGARWAL, Rakesh	Medicine/Gastroenterology/Liver Diseases. Entomology/Genetics/Malariology. Medicine/Nephrology/Dialysis/Transplant. Medicine/Clinical Immunology/Rheumatology. Gastroenterology/ Epidemiology/Viral Hepatitis/Health Economics/Public Health/ Immunization.
AGRAWAL, Anurag	Respiratory Disease and Biology/Digital Health/Physiology.
AGREWALA, Javed Naim AHUJA, Gulshan Kumar ANAND, Anuranjan	Immunology/Tuberculosis/Gut Microbiome. Neurology. Human Genetics/Neurogenetics/
ANDERSON, Diana	Developmental Genetics. Genetic Toxicology/Reproductive Toxicology/
ASHRAF, Mohammad Zahid	Cancer Biology. Basic and Clinical Medical Sciences/ Molecular Medicine/ Translational Medicine.
ASOPA, Hari Shanker ASTHANA, Omkar Prasad	Surgery/Genitourinary reconstruction. Clinical Pharmacology/Human
ATEEQ, Bushra	Pharmacokinetics. Molecular Oncology/Cancer Genomics/Drug Targets.
ATHAR, Mohammad	Toxicology, Dermatology (Environmental Carcino genesis).
AWASTHI, Shally	Pediatrics/Clinical Trials/Pediatrics Pulmonology.
BAKHSHI, Sameer BAL, Chandrasekhar	Medical & Pediatric Oncology. Thyroidology/Neuroimaging & PET/CT Oncology.
BALASUBRAMANIAN, K. A.	Gastrointestinal Biochemistry/Oxidative Stress and Pathophysiology.
BANERJEA, Akhil Chandra BANERJEE, Kalyan	HIV-1/AIDS, Gene Therapy. General Virology/Immunology of Viruses/Viral Epidemiology.
BASU, Anirban	Neurobiology/Neurovirology/Molecular Medicine/Repurposing of Drug.
BASU, Sulagna	Antimicrobial Resistance/Neonatal Sepsis/Bacteriology.
BAVEJA, Raj BHANDARI, Mahendra BHARADWAJ, Dwaipayan BHARADWAJ, Mausumi BHARGAVA, Balram BHARGAVA, Sneh	Obstetrics and Gynecology. Urology and Renal Transplantation. Human Genetics/Epigenetics/Biochemistry. Disease Biology. Medicine/Cardiology. Radio-diagnosis/Medical Education/Hospital Administration.

BHARGAVA, Vinod Kumar Pharmacology/Medical Education. Cell Biology/Cancer Biology/Metabolic BHAT, Manoj Kumar Disorders. Gynaecologic Oncology/Preventive BHATLA, Neerja Oncology/High Risk Pregnancy. Molecular Biology of Infectious Diseases/ BHATNAGAR, Rakesh BHATNAGAR, Shinjini Pediatrics/Pediatric Gastroenterology. BHATNAGAR, Veereshwar Paediatric Surgery/Paediatric Urology/ Paediatric Hepato-Biliary-Pancreatic Surgery. Gastroenterology and Infectious Diseases. BHATTACHARYA, Mihir Kumar Diarrhoeal Diseases/Leishmaniasis/HIV/AIDS. BHATTACHARYA, Sujit Kumar BIJLANI, Veena Neuroanatomy/Developmental Neurobiology. BLAKEMORE, Colin (Brian) Neuroscience/Developmental Biology/Physiology. Medical Oncology/Clinical Pharmacology. BRENNER, Dean E. CHAKRABARTI, Arunaloke Medical Mycology. CHAKRABARTI, Manoj Kumar Microbial Biochemistry/Immunology. Medical Virology/Biotechnology. CHAKRABARTI, Sekhar Medical Virology/Biochemistry/Molecular CHAKRAVARTY, Runu Epidemiology. Disease Epidemiology/Human Molecular CHANDAK, Giriraj Ratan Genetics/Medical Genetics & Genetic Testing/ Predictive and Preventive Health/Gene Nutrient Interactions/Human Epigenetics. CHANDRA, Poodipeddi Sarat Epilepsy Surgery/Spine/Vascular Surgery. CHATTERJEE, Mitali Immunopharmacology. Medical Microbiology/Virology/Immunology. CHATURVEDI, Umesh Chandra CHAUDHURI, Keya Molecular Medicine/Infectious Diseases/Molecular & Cell Biology. CHAUHAN, Shyam Singh Cancer Biology/Molecular Biology. CHOWDHURY, Abhijit Liver Disease/Molecular Epidemiology. CHOWDHURY, Rukhsana Bacterial Pathogenesis/Host Pathogen Interactions/Microbiota and Probiotics. DANDA, Ajit Kumar Anthropology. DAS SARMA, Jayasri Neurovirology/Neuroimmunology/ Neurobiology of Diseases. DAS, Bhabani Sankar Biochemistry. DAS, Bhudev Chandra Molecular Oncology/Human Genetics/Cancer Stem Cell & Drug Discovery. Food Toxicology/Chemical Carcinogenesis/ DAS, Mukul Xenobiotic Biotransformation/ Nanotoxicology. DAS, Tanya Cancer Stem Cell Biology/Tumor Immunology/Drug Development. DASH, Debabrata Platelet Signaling/Thrombus Biology/Translational Nanomedicine. DATTA, Simanti Molecular Virology/Immunology. Pathology/Cell Biology/Medicine. DEO, Madhav Gajanan Diabetes/Leishmanial Drug Resistance/ DEY, Chinmoy Sankar Leishmanial Flagellar Motility. DHAWAN, Alok Molecular Epidemiology/Genetic

DORAIRAJ, Prabhakaran

DUTTA, Shanta

Toxicology/Nanomaterial Toxicology.

Cardiology/Clinical Research/Genetic. Medicine/Infectious Diseases/Enteric

Infection.

DUTTA, Sourabh Clinical Medical

Sciences/Pediatrics/Neonatology. FAROOQ, Ahmad Physiology/Endocrinology/Reproductive Immunology/ Contraceptive Technology.

FLORA, Swaran Jeet Singh Toxicology of Metals/Drug

Development/Chelation Treatment.

GANESAN, Venkatasubramanian Psychiatry/Schizophrenia/Neuromodulation. GANESH, Subramaniam Human Molecular Genetics/Neuroscience. GANGAL, Sharad Vishwanath Biochemistry/Immunology/Allergy. GANGULY, Nirmal Kumar Microbiology/Immunology/Biotechnology/ Tropical Medicine/Public Health/Health Policy.

GARG, Pramod Kumar Gastroenterology.

Genetics.

GHOSH, Kanjaksha Medicine/Haematology/Immunology. GIRI, Ashok Kumar Genetic Toxicology/Human Genetics/

Molecular Biology.

GOPINATH, Gomathy Neurosciences/Neurobiology.

GOSWAMI. Ravinder Endocrinology/Hypocalcemic Disorder.

Neurology/Clinical GOURIE-DEVI, Mandaville

Neurophysiology/Neuroepidemiology. Pharmacology/Basic and Clinical Medical GOYAL, Ramesh K.

Sciences.

Biomedical Engineering. GUHA, Sujoy Kumar GULATI, Sheffali Basic and Clinical Medical

Sciences/Neurosciences/Child Neurology.

GUPTA, Indu Obstetrics and Gynaecology.

GUPTA, Rakesh Kumar Magnetic Resonance.

GUPTA. Ritu Pathology/Hemato-Oncopathology/Genomics

& Cellular Biology.

Cell Biology/Reproductive Immunology/ GUPTA, Satish Kumar

Vaccines/Immunodiagnosis.

Medical Pathology. GUPTA, Suresh Chandra

GUPTA, Yogendra Kumar Neuropharmacology/Clinical Pharmaco-

logy/Toxicology.

HABIBULLAH, Chittor Mohammed Gastroenterology/Hepatology.

HANDA, Sukhdev Swami Pharmacognosy (Drugs from plants)/Herbal

Drugs.

ITO, Masao

KALRA, Veena

Physiology/Neuroscience/Motor Control. Clinical and Pre-clinical Cancer Research JAGANNATHAN, N.R.

using Molecular Imaging (MRI) & in-vivo NMR

Spectroscopy/Functional MRI Studies/

Metabolomics/ Biophysics.

Pathology/Cytopathology/Thoracic and JAIN, Deepali

Molecular Pathology.

Neurosciences. JAIN, Neerai JAMEEL, Shahid Molecular Virology.

JANA, Nihar Ranjan Neurosciences/Neurodegenerative

Disorders/Mental Illness.

JOHN, Thekkekara Jacob Infectious Diseases. JOSHI, Preeti Gangola Neuroscience/Cellular Signaling/Neurodegeneration.

Pediatrics (Pediatric Neurology and Liver

Diseases of Children).

Vaccines/Public Health/Microbiology. KANG, Gagandeep

KANUNGO, Suman Epidemiology/Public Health/Enteric Diseases. KAPOOR, Rakesh Medical Science.

KARTHA, Chandrasekharan C. Pathology/Cardiovascular

Pathology/Cardiovascular Biology.

KARTHIKEYAN, Ganesan Medicine/Cardiology.

KASHYAP, Vijendra Kumar Forensic Medicine & Science/Biologics & Regulatory Affairs/Molecular Biology/

Population Genetics/L Science, Technology &

Law.

KATOCH, Kiran Medicine.

KATOCH, Vishwa Mohan Medical Microbiology/Mycobacteriology.

KAUL, Chaman Lal Pharmacology/Pharmaceutical

Sciences/Diabetes.

KHANNA, Vinay Kumar Neurotoxicology and Neuroprotection.

KOSAGI, Sharaf Jagannatha Rao Neuroscience.

KRISHNASWAMY, Kamala Internal Medicine/Nutrition. KSHIRSAGAR, Nilima Arun Clinical Pharmacology. KULKARNI, Shrinivas Krishnarao Pharmaceutical Sciences.

KUMAR, Arun Human Genetics/Cancer Biology/Molecular

Biology.

KUMAR, Lalit Medical Oncology/Stem Cell Transplant/
Gynecologic Oncology/Hemato Oncology.

KUMAR, Rakesh Nuclear Medicine/PET-CT/Molecular Imaging.

KUMAR, Rakesh Nuclear Medicine/PET-CT/Molecular Imaging KUMAR, Rashmi Pediatric Neurology/Infectious Disease.

KUMAR, Shrawan Rehabilitation Ergonomics.

KUMAR, Vijay Molecular Cell Biology/Biotechnology/Medical

Virology.

KURPAD, Anura Viswanath Physiology/Nutrition.

LAL, Sunil Kumar Microbiology/Molecular Genetics/

Biochemistry.

LAXMAIAH, Avula Triple Burden of Diseases: Undernutrition,

Micronutrient Deficiencies and Non-

Communicable Diseases.

LEVI, Francis

Oncology/Basic & Clinical Medical Sciences.

LUTHRA, Kalpana

Oncology/Basic & Clinical Medical Sciences.

Biochemistry/HIV-1 Immunology/Molecular

Biology.

MAHAJAN, Ramesh Chander Parasitology/Microbiology/Immunology.
MAHAPATRA, Ashok Kumar Medical Science/Neurosurgery.

MAJUMDAR, Siddhartha Medical Biochemistry.

MALHOTRA, Rajesh Hip & Knee Replacement/Osteoporosis/

Complex Trauma.

MALLICK, Birendra Nath

Neurophysiology/Neurobiology of Sleep

Wakefulness.

MALVIYA, Anand Narayan Rheumatology.

MANDE, Shekhar Chintamani Macromolecular Crystallography/Protein

Structure & Function.

MATHAN, Vadakenadayil Ittyerah Gastroenterology/Epidemiology/Medical

Administration.

MATHUR, Asha Medical Microbiology/Virology/Immunology.
MEHRA, Narinder Kumar Transplant Immunology/Immunogenetics/

Stem Cell Biology/HLA.

MEHTA, Veer Singh Neurosurgery.

MISHRA, Gyan Chandra Cell Biology/Immunology.

MISHRA, Prabhat Ranjan Molecular/Nanomedicine/Pharmacology/

Targeted Drug Delivery Systems.

MISRA, Sanjeev Basic and Clinical Medical Sciences/Surgical

Oncology.

MISRA, Sri Prakash
MISRA, Usha Kant
Gastroenterology/Endoscopy/Liver Diseases.
Clinical Neurology/Neurophysiology/Tropical

Neurology.

MOHAN, V. Diabetology/Epidemiology/Genomics.

MOHANAKUMAR, K. P. Molecular Neurobiology of Neurodegenerative

diseases of the elderly and Neurodevelopmental diseases.

MOHANAN, Parayanthala Valappil

MOHANTY, Sureswar

Toxicology/Medical Device/Nanotoxicology. Head Injury/Brain Tumour/Brain Edema/Neuro

Sciences.

MUKHERJEE, Srabani Reproductive Biology/Epigenetics/Genetics.
MUKHOPADHYAY, Asish K. Microbiology/Molecular Biology/Drug

Resistance.

MUKHOPADHYAYA, Rabindranath Virology/Therapeutic Proteins/Viral Vector for

Gene Transfer.

MULHERKAR, Rita Cancer Biology/Cancer Genomics.
MUTHANE, Uday Baburao Medical Science/Neuroscience.
NAG, Devika Medicine/Neurology/Neurotoxicology.

NAIR, Gopinath Balkrish Medical Microbiology.

NESTER, Eugene William Microbiology/Genetic Engineering.

NITYANAND, Soniya Internal Medicine/Immunology/Hematology.

NOMURA, Taisei

PAL, Gaya Prasad

PALURU, Vijayachari

Radiation Biology/Medical

Anatomy/Biomechanics of Spine.

Medicine, Clinical Microbioloy, Molecular

Medical Microbiology and Molecular

Epidemiology.

PANDIT, Lekha Neurology/Neuroimmunology.

PARAMASIVAN, Chinnambedu N. Medical Microbiology/Immunology/Molecular

and Cell Biology.

PATHANIA, Ranjana Antibiotic Resistance/Bacterial

Pathogenesis/Antibacterial Drug Discovery.
PATWARDHAN, Bhushan Keshav Biochemistry/Ethnopharmacology/Natural

Product Drugs.

PAUL, Vinod Kumar Pediatrics/Neonatology/Public Health. PILLAI, Madhavan Radhakrishna Cancer Biology and Virology.

PRABHAKAR, Nanduri R.
PRADHAN, Sunil

Cardio-Respiratory Physiology.
Neuromuscular Diseases/Clinical

Neurophysiology/Infections of the Nervous

Systems.

PRASAD, Rameshwar Chemical Pathology.

RAGHAVAN, Sathees Chukkur U. DNA Repair/Cancer Biology/Genomic

Instability.

RAGHUBIR, Ram Neuropharmacology/Cardiovascular

pharmacology/Cerebral stroke. Veterinary Medicine/Parasitology/

RAI, Phulena Veterinary Medicine/Parasitology

Helmenthology.

RAMAN, Rajiva Molecular Cytogenetics/Human Genetics.
RANGARAJAN, Pundi N. Eukaryotic Gene Expression/Infectious

Diseases.

RAO, Chilakalapudi Durga Molecular Virology/Molecular Biology/Biotechnology. RAO, Gullapalli Nageswara Ophthalmology/Health Planning & Policy. Immunology/Peptide Synthesis. RAO, Kanury Venkata Subba RAO, Salem Ramachandrarao V.S. Cytogenetics. RATH, Goura Kishor Medical Sciences/Radiation Oncology. RAVINDRANATH, Vijayalakshmi Neuroscience. RAY, Kunal Molecular Basis of Human Genetic Diseases. REDDY, Janardan K. Pathology. Brain Imaging and Mapping/Cognitive ROY, Dipanjan Neuroscience and Neurodevelopmental Disorders/Aging and Cognitive Functions. ROY, Prasun Kumar Neuroimaging/ Computational Neuroscience/ Clinical Neuroscience. ROY, Subimal Histopathology/Neuropathology. SACHDEVA, Geetanjali Reproductive Biology/Steroid Signalling. SALOTRA, Poonam Molecular Parasitology. Gastroenterology and Hepotology. SARIN. Shiv Kumar Pathology/Neuropathology/Neuro-Oncology. SARKAR, Chitra SATYAVATI, Gowdagere Vedanti Pharmacology/Medicinal Plants/Scientific Editing. SAXENA, Pramod Ranjan Pharmacology. SAXENA, Rajiv Krishna Immunology, Nanotoxicology, Hematopoiesis, Nano-particles Interactions with Cells and Biological Systems. SEHGAL, Subhash C. Medical Microbiology/Infectious Diseases. Dermatology/Venereology/Leprology. SEHGAL, Virendra Nath SENGUPTA, Ram Prasad (Robin) Neurosurgery/Voluntary Work/Education Research. Cancer Biology/Cell Signalling/Mitochondrial SENGUPTA, Sagar Biology. SENGUPTA, Shantanu Basic and Clinical Medical Sciences/Human Genetics/ Molecular Medicine. SENGUPTA, Sharmila Human Genetics/Cancer Genomic and Epigenomics/Cancer Biology. SENGUPTA, Utpal Pathology/Immunopathology/Immunology. SETH, Pankaj Neurosciences/Neurovirology. SETH, Pradeep Microbiology/Virology. SETH, Shivadayal Pharmacology/Clinical Pharmacology/Toxicology. Molecular Immunology/Medical Microbiology. SHARMA, Pawan SHARMA, Surendra Kumar Internal Medicine/Pulmonary Medicine/ Clinical Immunology/Critical Care & Sleep Medicine. SHARMA, Yagya Dutta Molecular Biology/Immunology of Malaria Parasites. Neuroscience/Cognitive Neuroscience/ SINGH, Nandini Chatterjee Neuroimaging. SINGH, Prati Pal Biotechnology/Parasitology/Neuro

Immunomodulation.

Neurogenetics.

Molecular Virology and Immunology.

Molecular Oncology/Immunology/

Infectious Diseases/Pulmonary Medicine.

SINGH, Sunit Kumar

SINHA, Sanjeev

SINHA, Subrata

SISODIA. Sangram Singh SOMASUNDARAM, Kumaravel SRIMAL, Rikhab Chand SRIVASTAVA, Achal Kumar

SRIVASTAVA, Padma Vasantha SUNDAR, Shyam

SUR, Deepika

SURI, Anil SURI, Ashish

SUSARLA, Krishna Shankar

SWAMINATHAN, Soumya

TAKEDA, Yoshifumi TALWAR, Gursaran Parshad

TANDON, Nikhil

TANDON, Prakash Narain TANDON, Radhika

TEWARI, Swarup Narain

THAMPAN, T.N. Raghava Varman Molecular

THANGARAJ, Kumarasamy

THELMA, B.K.

THYAGARAJAN, Sadras P. TOLE, Shubha TRIGUN, Surendra Kumar TRIPATHI, Manjari TRIPATHY, Sriram Prasad TYAGI, Jaya Sivaswami

VALECHA, Neena VALIATHAN, Martanda V. S.

VARMA, Shambhu Dayal VRATI, Sudhanshu

WANI, Mohan Ramachandra

WADHWA, Shashi

Cancer Biology/Genetics/Virology. Pharmacology/Toxicology/Natural Products. Movement Disorders/Epilepsy/Clinical Neurophysiology.

Neurobiology/Biochemistry/Cell Biology.

Stroke/Multiple Sclerosis/Vascular Dementia. Infectious Diseases/Medicine/Visceral Leishmaniasis.

Clinical Medical Sciences/Epidemiology/

Clinical Trials.

Cancer Biology/Cell Signaling/Gene Silecing. Neurosurgery with special reference to : Skull

Base Surgery & Neurovascular Neurosurgery/Minimally Invasive Neurosurgery: Neuro-endoscopy/Neuro-Oncology/Epilepsy Surgery.

Neuropathology/Neurosciences/Medical

Sciences.

Basic and Clinical Medical Sciences/Infectious

Diseases.

Bacteriology/Infectious Diseases. Endocrinology/Reproductive Biology &

Immunology.

Endocrinology (Diabetes; Thyroid disease;

Metabolic Borne Disease). Neuro Surgery/Neurosciences. Ophthalmology/Cornea and Eye

Banking/Cataract and Refractive Surgery. Forensic Science, Medicolegal Toxicology Narcotic Drug, Firearms, Documents &

Physical Chemistry.

Endocrinology (Molecular

Mechanisms in Estrogen Action). Population Genetics/Medical Genomics/Forensic Genetics.

Human Genetics/Pharmacogenetics/Medical Genomics.

Microbiology/Virology/Biotechnology. Neuroscience/Developmental Biology. Neurobiology/Cancer Biology/Biochemistry. Epilepsy/Sleep Disorders/Dementia.

Tuberculosis/AIDS.

Molecular Biology/Mycobacteriology. Vaccine Development/ Bioinsecticides. Medical Science/Pharmacology/Malaria. Cardiac Surgery/Cardio Vascular

Materials/Ayurveda.

Biochemistry/Metabolism/Enzymology. Molecular Virology/Vaccinology/

Biotechnology.

Neurobiology/Developmental Neuroscience. Bone and Cartilage Remodeling and Medicine, Osteoimmunology, Stem Cell Science and Regenerative Medicine. Medical Sciences/Biochemistry.

ZAIDI, Mone

Physical Sciences
(Astronomy, Astrophysics, Experimental and Theoretical Physics, Applied Physics)

Name	Specialization
AGARWAL, Girish Saran	Quantum Optics/Laser Physics/Statistical Mechanics.
AGARWAL, Satish Chandra	Solid State Physics/Amorphous Semiconductors/Nano-Crystalline Semiconductors.
AGRAWAL, Bal Krishna	Condensed Matter Physics/ Nanomaterials/Superconductivity.
AGRAWAL, Prahlad Chandra	Experimental High Energy Astrophysics/X-ray Astronomy/Radiation Detectors for Space Missions.
AMRITKAR, Ravindra Eknath	Complex Systems/Nonlinear Dynamics/Chaos.
ANANTHAKRISHNAN, S.	Radio Astronomy/Interferometry/Antenna Design.
ANUPAMA, G.C. ARVIND	Astronomy/Astrophysics. Quantum Information and Quantum Computation/Foundations of Quantum Mechanics/Quantum Optics.
ASHTEKAR, Abhay Vasant	General Relativity/Quantum Theory/Geometry.
ASWAL, Dinesh Kumar	Molecular-Electronics/Thermoelectrics/ Metrology.
BALKANSKI, Minko BANERJEE, Dipankar BANERJEE, Rabin BANERJEE, Subhashish	Solid State Physics. Astrophysics/Solar Physics/Plasma Physics. Physics (High Energy Physics). Open Quantum Systems/Quantum
BARMA, Mustansir BARSHILIA, Harish Chandra BASAK, Durga	Information and Quantum Field Theory. Statistical Physics. Thin Films/Surface Science/Solar Energy. Thin Films/Electrical Transport Properties/ Opto-electronic Devices.
BECKER, Edwin D. BHANDARI, Narendra BHARADWAJ, Somnath BHAT, Subray Venkatraman BHATNAGAR, Anil K.	Spectroscopy/Nuclear Magnetic Resonance. Nuclear Geophysics/Astrophysics. Astrophysics/Cosmology. Condensed Matter Physics/EPR/NMR. Solid State Physics/Magnetism/Low Temperature Physics/Thin Films/ Materials
BHATNAGAR, Shanti Swaroop BHATTACHARJEE, Jayanta K.	Science. Raman Spectroscopy. Critical Phenomena/Turbulence/Non Linear Dynamics.
BHATTACHARYA, Dipankar	High Energy Astrophysics/Computational Astrophysics.
BHATTACHARYYA, Gautam BHAWALKAR, Dilip Devidas BHOWMIK, Ranjan Kumar	Particle Physics/Phenomenology. Lasers/Non-Linear Optics. Nuclear Physics/Electronic Instrumentation.

BOSE, Indrani Theoretical Physics/Cross Disciplinary

Physics.

BUTI, Bimla

BUDHANI, Ramesh Chandra Supercondutivity Magnetism/Low

Temperature.
Plasma Physics.

CHADDAH, Praveen Low Temperature Physics/Superconductivity.

CHANDRA, Ashoka Technical Education/Solid State

Physics/Electronics & Tele-communication.

CHANDRA, Poonam Astronomy and Astrophysics/Radio Astronomy/X-Ray Astronomy.

CHANDRASEKHARA, B.C.
CHAPLOT, Samrath Lal
MHD/Plasma/Heat Transfer.
Condensed Matter Physics/Neutron
Scattering/Lattice Dynamics.

CHATTOPADHYAY, Kalyan K. Nanoscience and Nanotechnology/

CHATTOPADHYAY, Sulkahan

CHATTOPADHYAY, Sulkah

CHATTOPADHYAY, Sukalyan Experimental Nuclear and High Energy Physics.

CHATURVEDI, Subhash Quantum Information/Open Quantum

Systems/Quantum Phase Space Distributions.

CHENGALUR, Jayaram N. Radio Astrophysics.

CHIDAMBARAM, Rajagopala Material Science/High Pressure

Physics/Neutron Crystallography/Nuclear Technology/Sustainable Development. Theoretical Astrophysics/Solar Physics/

CHOUDHURI, Arnab Rai Theoretical Astrophysics/Solar Physics/ Magnetohydrodynamics/History of Science.

CHOUDHURY, Debajyoti Cosmology/High Energy Physics.

CHOWDHURY, Debashish Statistical Physics/Biological Physics/Complex

Systems.

CHUTIA, Joyanti Plasma Physics/Solid State Physics.
COHEN-TANNOUDJI, Claude N. Atomic, Molecular and Optical Physics.

COWSIK, Ramanath Astrophysics/Elementary

Particles/Cosmology/Gravitation.

DAS SARMA, Dipankar Physics and Chemistry of Solids/Nano

Materials/Energy Materials.

DAS, Amita Plasma Physics.

DAS, Bijoy Kishore Materials Science/Metallurgy/Electronics

Materials.

DAS, Shankar Prasad Statistical Physics/Soft-Matter/Non-

Equilibrium Dynamics.

DASGUPTA, Chandan

DASS, N.D. Hari

Theoretical Condensed Matter Physics.

Quantum Field Theory/Gravitation and Astrophysics.

DATTA, Swapan Kumar Nuclear Physics.

DATTAGUPTA, Sushanta Non-equilibrium Statistical Mechanics/

Structure & Dynamics of Condensed Matter.
String Theory/Quantum Field Theory/Black
Holes

DEEKSHATULU, Bulusu L. Remote Sensing/Image Processing/System

Engg./Machine Learning.

DESAI, Jyotindra N. Spectroscope observations in Solar

Corona, Planetary Nebulae. Condensed Matter Physics.

DESHMUKH, Mandar Madhukar C

DAVID, Justin Raj

Surfaces, Interfaces and Thin Films/

DEV. Bhupendra Nath

Nanoscale Physics/X-ray Physics/Ion-Solid Interactions/Quantum Structures/ Quantum Science and Technology. DEWANGAN, Durga Prasad Theoretical, Atomic and Molecular Physics. Statistical Physics/Condensed Matter Physics. DHAR, Abhishek Statistical Physics. DHAR, Deepak DHURANDHAR, Sanjeev Vishnu Gravitational Waves/General Relativity. GAMBHIR, Yogendra Kumar Sub-Atomic Physics/Theoretical Physics. GATTAMRAJU, Ravindra Kumar Intense Laser-Matter Interactions/Extreme States/Nonlinear Optics. Fiber Optics/Quantum Mechanics. GHATAK, Ajoy Kumar GHOSE, Partha (Sarathy) Foundations of Quantum Theory. Experimental Condensed Matter Physics at GHOSH, Arindam Ultra-low Temperature/Nano Electronics/ Semiconductor Physics. GHOSH, Nirmalya Optical Physics/Photonics/Experimental Physics. Infrared Astronomy/Interstellar GHOSH, Swarna Kanti Medium/Astronomical Instrumentation. GODBOLE. Rohini Madhusudan Theoretical High Energy Physics. GODWAL, Budhiram Kulanand Condensed Matter Physics/High Density Matter/Plasmas. Theoretical Physics/Quantum Field Theory/ GOPAKUMAR, Rajesh String Theory. GOSWAMI, Srubabati Neutrino Physics. Particle Physics/Astro-Particle Physics. GOYAL, Ashok Kumar GROVER, Arun Kumar Magnetism/Superconductivity/Vortex State Studies/Exchange Bias Phenomenon. GUPTA, Laxmi Chand Superconductivity and Magnetism in quaternary borocarbides, NMR/NQR/Mu-SR, Valence Fluctuations and Heavy Fermions. GUPTA. Manoranian Prasad X-Ray Diffraction. Laser Plasma Interaction/High Intensity GUPTA, Parshotam Dass Laser/X-ray and Plasma Diagnostics, Synchrotron Radiation Sources. Superconducting RF Cavities. Lasers/Biomedical Applications of Laser/Non-GUPTA, Pradeep Kumar linear Optics. GUPTA, Sunil Kumar Physical Sciences. GUPTA, Vishwambhar Dayal Study of Macromolecules. GUPTA. Yashwant Astronomy/Astrophysics. GUPTE, Neelima Madhukar Nonlinear Dynamics/Statistical Physics/ Complex Systems. HOME, Dipankar Foundation of Quantum Mechanics/Quantum Information. JATKAR, Dileep Prabhakar String Theory/Gange Theories. Forensic Ballistics/High Speed JAUHARI, Mohan Photography/Quality Testing and Evaluation of Materials and Products. Solid State Spectroscopy/Photonics/Oppical JAYASANKAR, C. Kulala and Laser Materials.

JHA. Sudhanshu Shekhar Solid State Theory/Opto Electronics/Raman

> Spectroscopy. Astrophysics.

JOG, Chanda J. High Energy Physics Theory. JOGLEKAR, Satish Dinkar

JOSEPH, George Remote Sensing/Space Instrumentation.

JOSHI, Murli Manohar Spectroscopy. Theoretical JOSHI, Pankaj S.

Astrophysics/Cosmology/Gravitation.

JOSHIPURA, Anjan High Energy Physics.

KANDPAL, Hem Chandra Standards/Optics/Quantum Optics. KANEKAR, Nissim Galaxy Evolution/Fundamental Constant

Evolution/Radio Astronomy.

KANJILAL, Dinakar Condensed Matter Physics & Materials

Sciences/Accelerator Physics & Technology.

KAPOOR, Shyam Sunder Nuclear Physics/Nuclear Particle

Detectors/Particle Accelerators & Applications.

KASTURIRANGAN, Krishnaswamy Astronomy/Astrophysics/Satellite Technology/

Remote Sensing/Science Technology

Education Policy.

KEMBHAVI, Ajit Keshav Extragalactic Astronomy/Theoretical

Astrophysics/Data Analysis.

Plasma Physics/Statistical Mechanics. KHARE, Avinash KHARE, Neeraj Superconductivity/Magnetism Nano

Functional Oxide.

Atomic and Molecular Physics/Theoretical KHARE, Satya Prakash

Physics.

KIRAN KUMAR, Alur Seelin

Space Technology and Applications. KOTNALA, R.K. Magnetic Materials/Nanotechnology/Ethics.

KRISHNA, Gopal Radio Astronomy/Active Galaxies/ Observational Cosmology.

KRISHNAMURTHY, H.R. Condensed Matter Physics/Statistical Physics/Quantum Many Body Theory.

KRISHNAWARRIER, G.S. Magnetism/Spintronics/Topological Materials. KULKARNI, Sulabh Kashinath Surface Science/Material Science/

Nanotechnology.

KUNDU, Anirban Theoretical Particle Physics/High Energy

Phenomenology.

Theoretical Physics - Nonlinear Dynamics. LAKSHMANAN, Muthusamy LAKSHMINARAYANAN, V. Optics & Photonics/Optometry/Biomedical and

Electrical Engineering.

Physics of Materials. LAL, Krishan LAL, Siddheshwar Cosmic Rays and High Energy Physics.

Theoretical Chemistry and Physics/ LOGAN, David Edwin Condensed Matter Theory/Quantum many-

body theory.

Nanosciences/Nanotechnology/ MAAZA, Malik

Nanomaterials.

MAITI, Kalobaran Correlated Electron Systems/Electron

Spectroscopy/Magnetism, Super-conductivity

and Topological Order.

MAJUMDAR, Alak Kumar Magnetism/Low-Temperature Physics. MAJUMDAR, Parthasarathi Gravitational Theory including Black Hole

Physics/Gauge Field Theory.

MAJUMDAR, Pinaki Condensed Matter Physics.
MAJUMDER, Gobinda Experimental High Energy Physics..
MALHOTRA, Bansi Dhar Biomolecular Electronics/Biosensors

Biomolecular Electronics/Biosensors/Nano-Biomaterials/Ordered Molecular Assemblies,

Conducting Polymers.

MANCHANDA, Ravinder Kumar X-Ray & Y-Ray Astronomy/Space

Instrumentation/Aerosol Physics.

MANDAL, Bhabani Prasad Quantum Field Theory:Finite BRST
Transformation/Non-Hermit- ian Quantum

Theories & Applications/Exceptional Orthogonal Polynomials & Rational Extension

of Quantum Theories.

MANDE, Chintamani X-Ray Spectroscopy/Solid State Physics/Materials Science.

MANI, H.S. Particle Physics.

MATHUR, Parmatma Chandra

Semiconductor Materials/Electronic
Devices/Solid State Electronics.

MAZUMDAR, Indranil

Experimental Nuclear Physics/Nuclear
Instrumentation/ Phenomenological

Calculations.

MEHROTRA, Suresh Chandra Time Domain Dielectric

Spectroscopy/Microwaves/Speech

Processing.

MEHTA, Girijesh Kumar

Nuclear Physics & Accelerator Based
Materials Science and Applications.

MISHRA, Phool Chand Molecular Spectroscopy/Electronic Structure

Theory/Biomolecular Properties and

Reactions.

MISRA, Anuradha Theoretical High Energy Physics.

MITRA, Asoke Nath Nuclei/Particles & Fields.

MITRA, Parthasarathi
MIYAKE, Saburo
MOHANTA, Rukmani
MOHANTY, Ajit Kumar
MOHANTY, Bedangadas

Theoretical Physics (Field Theory).
Cosmic Rays, Elementary Particles.
Theoretical High Energy Physics.
Nuclear Physics (Heavy Ion Collisions).
Experimental High Energy Physics/

Phenomenology of Quark Gluon Plasma/Dark

Matter Search.

MOHANTY, Subhendra Particle Physics/Cosmology/Astroparticle

Physics.

MOHAPATRA, Rabindra N. Particle Theory/Field Theory/Cosmology.

MONDAL, Naba Kumar

High Energy Physics/Neutrino
Physics/Particle Detectors.

Physics/Particle Detectors.

MONDAL, Pronab Kumar Fourier Optics/Holography/Image Processing.

MUKHOPADHYAYA, Biswarup

Theoretical High Energy Physics.

High Energy Nuclear Physics/Finite

Temperature Field Theory/ Effective QCD

Model.

NAGARAJAN, Radhakrishnan Superconductivity/Valence

Fluctuation/Mossabauer Spectroscopy/Instrumentation.

NAIK, Prasad Anant Lasers, Laser Produced Plasma, High Power

Lasers, X-Ray Laser.

NARASIMHAM, Syamala Vemuri Cosmic Rays/Particle Physics.

NARASIMHAN, Shobhana Condensed Matter Physics/Materials

Science/Nanoscience.

NARAYAN, K.S. Experimental Solid State/Materials Physics/

Energy Research/Bioelectronics.

NARAYANA, Chandrabhas Experimental Condense Matter Physics/Light

Scattering/High Pressure Research/Nano-

Biotechnology.

NARLIKAR, Anant Vishnu Superconductivity and Condensed Matter and

Materials Science.

Cosmology and Astrophysics. NARLIKAR, Jayant Vishnu NATARAJAN, Srinivasa High Pressure Physics/X-Ray

Crystallography/Materials Science/Creativity.

NAYAK, Tapan Kumar Experimental Nuclear and Particle Physics/

Phases of Nuclear Matter/Quark Gluon

Plasma.

NITYANANDA, Rajaram Optics/Statistics/Dynamics Especialy in

Astronomy/Physics Education.

OGALE, Satishchandra Balkrishna Advanced Materials/Clean Energy.

OJHA, Devendra Kumar

Star Formation & Interstellar Medium/Infrared Astronomy/ Astronomical Instrumentation.

Quantum Theory/Gravitation/Cosmology and PADMANABHAN, Thanu

Structure Formation in the Universe. **Experimental Condensed Matter**

PAL, Amlan Jyoti Physics/Organic Electronics/Device Physics.

Field Theory/String Theory/String Cosmology. PANDA, Sudhakar PANDEY, Anil Kumar Star Formation/Star Clusters/Gravitational

Lensing.

PANDEY, Dhananjai Ferroics and Multiferroics/Phase

Transitions/Materials Science.

PANDEY, Prem Chand Satellite Oceanography/Atmospheric

Sciences/Climate Change and Polar

Research.

PANDITA. Pran Nath Theoretical High Energy Physics/Astroparticle

Physics.

Field Theory/Quantum Computation. PANIGRAHI, Prasanta Kumar

PATEL, C.K.N.

PATI, Arun Kumar

Laser/Quantum Electronics/Bioengineering. PATHAK, Anand Prakash Condensed Matter Physics/Ion-Solid

> Interactions/Ion Beams Studies of Nano-Materials-Synthesis, Modification and

Characterization.

PATHAK, Anirban Quantum Information/Quantum Optics/

Physics.

PATHAK, K.N. Condensed Matter Physics/Liquid State

Dynamics/Electron Fluids/Nano-Science and

Cold Atomic Quantum Gases. Quantum Information/Quantum

Computation/Quantum Theory.

PATI, Jogesh Chandra Theoretical Particle Physics.

PHILIP, John Magnetic Nanomaterials/Nanofluids/Soft

Matter.

Aeronomy/Space Physics. PRAKASH, Satya PRASAD, Rajendra Condensed Matter Physics.

RAJAGOPAL, Erode Subramanian Condensed Matter Physics/Instrumentation.

RAJASEKARAN. Guruswamv Quantum Field Theory/High Energy Physics. Particle Physics/Field Theory. RAMACHANDRAN, R. Applied Physics/Optics (Classical and RAMAKRISHNA, S. Anantha Quantum)/Micro, Nanostructured Materials. RAMAKRISHNAN, Tirupattur V. Condensed Matter Physics. RAMAMURTHY, V. Subramanian Inter-disciplinary Approaches to Science, Technology and Society, Science & Technology Communication, Managing Public Perceptions and Public Acceptance of Public Risks with Specific Reference to New and Emerging Technologies. Crystal Growth. RAMASAMY, P. RAMASWAMY, Sriram Rajagopal Soft-matter/Nonequilibrium/Biological Physics. RANGANATH, Gobbalipur S. Liquid Crystals/Optics. RANJAN, Rajeev Materials Science/Piezoceramics. RAO, D. Narayana Atmospheric Science/Space Physics/Electronics. Theoretical Condensed Matter Physics. RAO. Sumathi RAY, Samit Kumar Device Physics/Semiconductor Nanostructures/Quantum Photonics. RAYCHAUDHURI, Amitava Particle Physics. RAYCHAUDHURI, Arup Kumar Solid State Physics/Experimental Physics/R&D Management. RAYCHAUDHURY, Somak Astronomy/Astrophysics/Cosmology. RINDANI, Saurabh Dilsukhray Particle Physics. ROY, Amit Nuclear Physics/Acceleration Physics. ROY, Probir Particle Physics: Field Theory & Phenomenology/Astroparticle Physics. High Energy Physics/Foundations of Quantum ROY, Shasanka Mohan Theory. SAGAR, Ram Optical Astronomy/Star Clusters/AGNS/GR Bursts/Astrophysics/Microlensing. SAHA-DASGUPTA, Tanusri Condensed Matter Physics/Materials Science/Electronic Structure. Astrophysics. SAHNI, Varun Condensed Matter Physics/UHV Based SAHNI, Vinod Chandra Analytical Instrumentation//Particle Accelerators. Many-Body Methods/Atomic Theory/Sub-SAHOO, Bijaya Kumar Atomic Phenomena. Astronomy/Astrophysics. SAIKIA, Dhruba Jyoti SAMI, Mohammad Cosmology/Gravitation/High Energy Physics. Magnetism/Superconductivity/Alloys/ SAMPATHKUMARAN, Echur V Multiferroics. Condensed Matter Physics/Surface Science/ SANYAL, Milan Kumar Nano-materials/Synchrotron X-Ray Scattering. SARIN, Manmohan Atmospheric and Aerosol Chemistry/Oceanography. Theoretical Particle and Astroparticle Physics. SARKAR, Utpal SASTRY, Srikanth Theoretical Physics/Applied Physics.

Plasma Physics/Nonlinear Dynamics.

Gravity/Cosmology/Astrophysics.

String Theory.

SEN, Abhijit

SEN, Ashoke

SEN, Anjan Ananda

SEN, Diptiman Theoretical Condensed Matter Physics/Quantum Field Theory. SENGUPTA, Amitava Radio Physics/Electronics/Time & Freq. Standards. SENGUPTA, Krishnendu Condensed Matter Theory. SENGUPTA, Soumitra High Energy Physics/Gravitation & Cosmology/String Theory. SENGUPTA, Surajit Condensed Matter Theory/Statistical Mechanics/Materials Science. Materials under high pressures - Experiments SHARMA, Surinder Mohan and theory/Development of Beamlines for Indus-2 Synchrotron.

SHASTRY, Balajapalli Sriram

Condensed Matter Theory/Statistical Mechanics.

SHIVPURI, Ram Krishna High Energy Physics (Experimental).
SHRIVASTAVA, Keshav Narain Solid State Physics/ Superconductivity/ Quantum Hall Effect.

SHUKLA, Prabodh
SIKKA, Satinder Kumar
Condensed Matter Physics.
High Pressure and Shock Waves
Physics/Neutron and X-ray
Crystallography/Nuclear Explosions.

SINGH, Chandra Prakash Quark Gluon Plasma/Particle

Physics/Cosmology.

SINGH, Kamal Priya Ultrafast Laser Physics/Quantum Dynamics/

Biophysics.

SINGH, Kulinder Pal X-ray Astronomy, X-ray Instrumentation,
Clusters of Galaxies, Active Galactic Nuclei,
Catachysmic Variables and Stellar Caronac

Cataclysmic Variables and Stellar Coronae. Singular Optics/Light Scattering/Quantum

Optics.

SINGH, Virendra Theoretical Physics/High Energy

SINGH, Ravindra Pratap

Physics/Foundation of Quantum Mechanics. SINGH, Yashwant Condensed Matter Theory/Statistical

Physics/Theoretical Biology.

SINGRU, Ramesh Madhao

Nuclear Physics/Band Theory of Solids/Positron Annihilation.

SINHA, Bikash Chandra

High Energy Physics/Quark Gluon Plasma/Early Universe Cosmology.

SINHA, Krityunjai Prasad

Solid State Physics/Theoretical

SINHA, Krityunjai Prasad
Solid State Physics/Theoretical
Physics/Condensed Matter Nuclear Science.
SIROHI, Rajpal Singh
Applied Optics/Coherent Optics/Optical

Metrology/Laser Based Instrumentation.

SODHA, Mahendra Singh
SOMA, Venugopal Rao

Metrology/Laser Based Instrumentation.
Energy/Plasmas/Applied Physics.
Ultrafast Laser Spectroscopy/Ultrafast
Nonlinear Optics/ Explosives Detection.

SOOD, Ajay Kumar Experimental Condensed Matter Physics/Soft Condensed Matter/Quantum Materials.

SOOD, Prakash C. Nuclear Physics.

SOURADEEP, Tarun Cosmology: Cosmic Microwave Background/ Gravitation: Gravitational Waves/Ultra-

HEP:Early Universe Physics.

SREEKANTAN, Badanaval V. Cosmic Rays/High Energy Physics and

Astronomy.

SRINIVASA RAO, Killampalli Quantum Theory of Angular Momentum/Quantum Groups & Algebras/Special Functions. Ferromagnetic Relaxation & SRIVASTAVA, Chandra Mani Superconductivity. Quark Gluon Plasma, Energy and SRIVASTAVA, Dinesh Kumar Environment, Science Communication. SRIVASTAVA, K.K. Semiconductor Physics. Solid State Physics. SRIVASTAVA, Pyare Lal SRIVASTAVA, Ramesh Chandra X-Ray Crystallography/Crystal Physics. SRIVASTAVA, Shyam Lal Microwaves/Molecular Interactions/Phase Transitions. STAROBINSKY, Alexei A. Cosmology/General Relativity/Astrophysics. SUBRAHMANYAN, Ravi Astronomy/Observational Cosmology/Signal Processing. SUBRAMANIAM, Annapurni Astronomy & Astrophysics/Star Clusters/ Stellar Population/UV Astronomy/Astrosat. Theoretical Astrophysics. SUBRMANIAN, Kandaswamy Condensed Matter Physics/Positron SUNDAR, C.S. Annihilation Spectroscopy and Infrared Spectroscopy. SUNDARA, Ramaprabhu Nanomaterials/Secondary Batteries/Hydrogen Energy. SUNDARRAJAN, Asokan High Pressure Instrumentation & Research/Amorphous Semiconductors/Fiber Optic Sensors. TREHAN, Parma Nand Nuclear Physics/XRF Technique. Space Guidance & Control/System & VASAGAM, Ramaswamy Manicka Engineering/Engineering Education. Condensed Matter Physics. VENKATARAMAN, Ganesan VERMA, Mahendra Kumar Turbulence/Nonlinear Physics/Nonequilibrium Statistical Physics. VERMA, Mahendra Pratap Solid State Physics/Plasma Physics. Solid State Physics. VIJAYARAGHAVAN, Ramanuja VIYOGI, Yogendra Pathak Experimental Nuclear Physics. Quantum Field Theory/String WADIA, Spenta Rustom Theory/Quantum Gravity. WAGHMARE, Umesh Vasudeo Multi-functional oxides/Nanomaterials/Geometric Phases. Theoretical Nuclear Physics. WAGHMARE, Yeshwant R. YADAV, Bal Chandra Applied Physics/Nanoscience & Nanotechnology/Physics and Technology of Sensors.

Superconductivity/ Magnetism/Molecular Electronics/Molecular Magnets/Sensors.

Magnetism/Neutron Scattering/Condensed

Matter Physics.

YAKHMI, Jatinder Vir

YUSUF, Seikh Mohammad

Plant Sciences

(Structural, Developmental, Functional, Genetical, Ecological, Taxonomical and Evolutionary Aspects)

Name	Specialization
ABHILASH, Purushothaman C.	Ecology/Environment & Sustainable Development.
ABROL, Yash Pal	Agriculture/Crop Physiology/Land Use/Climate and Agriculture.
AGARWAL, G.P. AGRAWAL, Hari Om AGRAWAL, Madhoolika	Mycology/Microbiology/Plant Pathology. Virology/Microbiology/Biotechnology. Ecology/Environmental Science/Global
AGRAWAL, Shashi Bhushan ARNTZEN, Charles Joel ARUNACHALAM, Vaidheeswara	Climate Change/Air Pollution and Plants. Environmental Science/Ecology/Air Pollution. Photosynthesis/Plant Molecular Biology. Quantitative Genetics/Plant Breeding/ Participatory Plant Breeding/Biodiversity.
ASIF, Mehar Hasan	Transcriptomics/Genomics/Evolutionary Biology.
ASTHANA, Ravi Kumar	Phycology in the area of Stress Biology/Drug Discovery/ Environmental Biotechnology.
BAHL, Prem Nath BANERJEE, Anjan Kumar	Plant Breeding/Genetics. Plant Developmental Biology/Plant molecular Biology/Long Distance Signaling in Plants.
BANERJEE, Manju	Palaeobotany/Palaeopalynology/ Biostratigraphy/Environment.
BANERJEE, Suchitra	Medicinal & Aromatic Plant Biotechnology/Cell and Tissue Engineering/In-vitro Secondary Metabolite Production.
BANSAL, Kailash Chander	Molecular Plant Physiology/Agri. Biotechnology/GM Crops and Crop Diversity.
BAPAT, Vishwas Anant BARIK, Saroj Kanta	Plant Sciences/Agriculture. Ecology/Biodiversity and its Conservation/Environmental Biotechnology.
BASU, Rathindra Narayan BASUCHAUDHARY, K.C. BATISH, Daizy Rani	Plant Physiology/Seed Physiology. Seed/Soil-borne Diseases. Weed Ecology/Chemical Ecology/Environment Science.
BAULCOMBE, David C. BAWA, Kamaljit S. BEACHY, Roger N.	Genetics/Plant Pathology. Population Biology/Ecology/Evolution. Plant Sciences/ Molecular Biology/Virology/ Biotechnology.
BHATIA, Chittranjan	Genetics & Plant Breeding/Biotechnology/Agriculture.
BHATIA, Sabhyata	Plant Biotechnology/Structural and Functional Genomics.
BHATLA, Satish Chander	Plant Physiology and Biochemistry/Plant Growth and Development.
BHATNAGAR, Ashok Kumar	Reproductive Biology/Systematics/ Environmental Biology.
BISEN, Prakash Singh BISWAL, Udaya Chand	Microbiology and Biotechnology. Photosynthesis/Leaf Senescence/Plant Photoreceptors.
BOISSYA, Champok Lall	Plant Physiology/Plant Biochemistry/Medicinal Plants/Algology.

CHAKRABARTI, Nirmal Kumar Plant Pathology (Rice)-Epidemiology/Disease Resistance/Chemical Control. Stress Physiology/Plant Proteomics/Plant CHAKRABORTY, Niranjan Molecular Biology. Vernalization/Growth Hormones. CHAKRAVARTY, S.C. CHANDRA, Naresh Plant Morphogenesis/Biotechnology. CHATTOPADHYAY, Debasis Abiotic Stess/Plant Genomics. CHATTOPADHYAY, Sharmila CHATTOPADHYAY, Sudip Plant Defense/Medicinal Plants Developmental Biology/Signal Transduction. Plant Biotechnology & Morphogenesis in Plant CHATURVEDI, Harish Chandra Tissue Culture. Reproductive Biology/Male sterility. CHAUHAN, Shyam Vir Singh CHINTALAPATI, Venkata Ramana Bacterial Taxonomy/Metabolism. CHOWDHERY, Harsh Ji Floristics/Taxonomy of Angiosperms (Orchids)/Plant Conservation. DAS, Premananda Plant Biotechnology/Plant Physiology/ Medicinal and Aromatic Plants, Bioenergy.
Plant Molecular Biology and Plant Pathogen DAS, Sampa Interaction Study. Plant-virus interactions/Transgenic virus DASGUPTA, Indranil resistance in plants/Virus-induced gene silencing. DATTA, Sourav Developmental Biology/Functional Genomics/Genetics. Plant Biotechnology and Agriculture Science/ DATTA, Swapan Kumar Policy. Mycology-Aquatic, Soil & Nematophagus. Plant Molecular Biology/Plant Genomics. DAYAL, Ram DEY, Nrisingha DHAR, Manoj Kumar Genomics/Molecular Cytogenetics. DHAR, Uppeandra Conservation Biology/Plant Ecology/Exsitu Conservation. DHAWAN, Vibha Plant Biotechnology. DHILLON, Baldev Singh Plant Breeding/Quantitative Genetics/Biotechnology/Plant Genetic Resources. Microbiology/Plant Pathology/Angiosperms' DIKSHIT, Anupam Taxonomy. Microbial Physiology/Fungal DUBE, Harish Chandra Biotechnology/Agricultural Microbiology. Plant Pathology/Angiosperm Taxonomy/ DUBEY, Nawal Kishore Bioprospection. GADGIL, Madhav Dhananjaya Ecology.
Plant Tissue Culture/Biotechnology/Plant GANUGAPATI, Lakshmi Sita Molecular Biology.
Plant Systematics/Ethnobotany/Conservation GAUR, R.D. Biology GHOSH, Bharati GHOSH, Sibdas Plant Physiology/Plant Molecular Biology. Cell Biology/Cytogenetics. GHOSH, Sumit Plant Biochemistry/Plant Molecular Biology/Plant Specialized Metabolism. GILL, Bikram S. Genetics/Biotechnology/Plant Protection. Plant Defense Mechanisms/Molecular Insect-Plant Interaction and Plant Secondary GIRI, Ashok Prabhakar Metabolic Pathways. Plant Nutrition/Genomics/Root Development. GIRI, Jitender GOHIL, Ravinder Nath Cytogenetics/Ethnobotany. GOVINDJEE, Govindjee Photosynthesis/Photobiology.

Plant Abiotic Stress Biology.

GROVER, Anil

Plant Sciences 421

Ecotoxicogenomics/Plant Molecular GUPTA, Meetu Biology/Environmental Biotechnology. Ecology/Floristics/Integrated Resource GUPTA, Raj Kumar Management in Watersheds of Mountain &

Desert Areas.
Plant Pathology.
Developmental and Environmental HUSAIN, Akhtar IQBAL, Muhammad

Botany/Medicinal Plants. Physiology/Stress Physiology/Molecular IYENGAR, Echiambady R.R.

Biology. Applied Physics/Electronics and JAGADISH, Chennupati

Telecommunications/ Chemical and Materials

Technology.
Plant (Epi) Genomics/Computational JAIN, Mukesh

Biology/Genome Informatics/ Biotechnology. JAIN, Sudhanshu Kumar Taxonomy/Ethnobotany/Medicinal Plants. JALALI, Bushan L. Plant Pathology/Microbiology/IPM/Research

Management.

Plant Cytogenetics/Biotechnology/Plant JAUHAR, Prem Prakash

Breeding.

Plant Molecular Biology & Biotechnology/ JHA, Bhavanath

Stress Genomics/Gene Mining and Translational Research/Marine Biotechnology/Biodiversity Mapping &

Bioprospection.

Plant Genetics/Medicinal Plant Biotechnology. JHA, Sumita JOHRI, Bhavdish Narain

Microbial Diversity and Ecology. KAPOOR, Meenu

Developmental Biology/Functional Genomics/

Plant Epigenetics.
Plant Reproduction/Seed Development/ KAPOOR, Sanjay

Functional Genomics.

Nitric Oxide Signaling/Mitochondrial KAPUGANTI, Jagadis Gupta Metabolism/Plant Response to Flooding.

Plant Physiology.

KAVI KISHOR, P.B. Genetics/Radiation Biology/Sustainability KESAVAN, Parthasarathy Chenna

Science.

Plant Hormones/Metabolomics/Abiotic Stress. KHAN, Nafees Ahmad

Physiology/Bio-chemistry.

KHANNA-CHOPRA, Renu

Plant Physiology.

Molecular and General Genetics/Plant KHANUJA, Suman Preet Singh

Improvement/Biotechnology, Nutraceuticals & Functional Foods.

KHAREEDU, Venkateswara Rao Plant Molecular

Biology/Transgenics/Functional Genomics.

Fungal Diversity/Bioactive Natural KHARWAR, Ravindra Nath

Compounds/Endophytes Mediated Plant

Stress Management.

KHULLAR, Surinder Pal Pteridophytes & Angiosperm Taxonomy/

Systematics/ Floristics/Cytology. Plant Molecular Biology/Genetic

Transformation of Crop Plants/Genomics and

Bioinformatics.

KIRTI. Pulugurtha Bharadwaia Plant Molecular Biology/Biotechnology.

KOHLI, Ravinder Kumar

Ecology/Forestry/Weed Science/Ecophysiology.

Plant Ecology.

Plant Tissue Culture/Transgenics/Plant Biotechnology/Nanobiotechnology.

KORNER, Christian

KHURANA, Paramjit

KHANNA, Pushpa

KOTHARI, S.L.

KRISHNAMURTHY, K. Mangrove Forest/Ecosystems/ Ecology/Biological Oceanography/ Ocean Management/Environmental Affairs. KRISHNAMURTHY, K.V. Plant Morphogenesis/Reproductive Ecology/Histochemistry.
Algology/Microbiology/Environment. KUMAR, Har Darshan KUMAR, S.S. Bryology. High Altitude Biology/Plant Adaptation/Stress Physiology/Metabolic Engineering/ KUMAR, Sanjay Bioprospecting genes/ Enzymes/Livelihood Generation. KUMAR, Virendra Cytogenetics/Mountain Ecosystems Conservation and Development. KUSHWAHA, Satya P. Singh Ecology/Biodiversity/Geoinformatics. Plant Biochemistry and Molecular LAHIRI MAJUMDÉR, A.N. Biology/Plant Biotechnology. Plant Molecular Biology.
Plant Physiology/Plant Biochemistry/Animal LAKSHMIKUMARAN, Malathi LALORAYA, M.M. Endocrinology.

Molecular Cytogenetics/Cytogenetics in Plant
Breeding/Eco-technology. LAVANIA, Umesh Chandra Plant Physiology/Plant Molecular Biology/ LAXMI, Ashverya Plant Signal Transduction. Plant Biology and Molecular Biology. Plant Molecular Biology/Biochemistry. MAHESHWARI, Satish Chandra MAJEE, Manoj Algal Biotechnology.
Taxonomy/Ecology/Ethnobotany.
Mycology/Plant Pathology/Microbial MALLICK, Nirupama MANILAL, Kattungal S. MANOHARACHARY, C. Biotechnology. MATHUR, Shri Narain Plant Physiology/Biochemistry/Biotechnology. MEHER-HOMJI, Vispy Minocher Ecology/Plant Geography/Bioclimatology. MEHROTRA, Radhey Shyam Mycology/Plant Pathology/Soil Microbiology. Medicinal Plants/Phytochemistry/ MUKHERJEE, Pulok Kumar Pharmaceutical Science. Extrachromosomal DNA Replication/RNAi MUKHERJEE, Sunil Kumar Suppression. MUTHAPPA, Senthil Kumar Plant Combined Stress Tolerance/Plant Microbe Interaction/ Non-host Resistance. Plant Biotechnology NADGAUDA, Rajani Satish NAGEGOWDA, Dinesh Addihalli Plant Molecular Biology/Functional Genomics/Metabolic Engineering. NANDI, Ashish Kumar Plant Immunity/Plant Development/Plant Biotechnology. NATH, Utpal Plant Developmental Biology/Genetics/Organ Morphogenesis. Taxonomy/Conservation/Endemic & NAYAR, Madhavan P. Endangered Plant Species. Plant Cytogenetics/Cell Biology/Mutation NIZAM, Jafar Breeding. PAL, Amita Molecular Genetics and Genomics; Developmental and Stress Biology. Plant Growth Substances/Plant Tissue PALNI, Lok Man S. Culture/Plant Microbe Interactions. PANDEY, Arun Kumar Taxonomy/Molecular Systematics/ Biodiversity/Plant Reproductive Biology PANDEY, Girdhar Kumar Plant Molecular Biology/Calcium Signaling/ Functional Genomics.

River Ecology/Atmospheric Deposition/Climate Change.

PANDEY, Jitendra

Plant Sciences 423

PANDIT, Maharaj K. Plant Ecogenomics/Sustainability/

Conservation Biology.
Crop Physiology/Genomics/Abiotic Stresses. PAREEK, Ashwani PARTHASARATHY, N. Biodiversity Conservation/Plant Ecology & Taxonomy.

Forest Ecology/Phytogeography/Vegetation PASCAL, Jean-Pierre

mapping. PEDDI, Venkata Subbarao

Ecology, Biology, Taxonomy, Resource Assessment, and Field Cultivation (Aquaculture) and Nutritional aspects including Antioxidants and Secondary Metabolites of Seaweeds, Bioremediation.

Microbial Ecology/Research Administration.
Plant Molecular Biology/Biotic & Abiotic Stress
Responses/ Molecular Breedings. PRAMER, David PRASAD, Manoj

Physiology & Biochemistry of Plants & Cyanobacteria/Oxidataive Stress/Role of Molecules in Cell Signaling. PRASAD, Sheo Mohan

Environmental Plant Physiology/Mountain PUROHIT, Aditya Narain Ecology/Physiology of Medicinal Plants. Plant Biochemistry/Molecular Plant RAGHAVENDRA, Agepati S. Physiology/Plant Molecular Biology. Integrative Ecology/Forest Ecology/ RAGHUBANSHI, Akhilesh Singh

Restoration Ecology.

RAI, Ashwani Kumar Physiology and Biochemistry of Cyanobacteria/Nitrogen Nutrition/Salt Stress

and Adaptive Responses.

RAINA, Soom Nath Cellular & Molecular Cytogenetics/Molecular

Biology. RNAi/Plant Biotechnology/Genetic RAJAM, Manchikatla Venkat Engineering & Polyamine Biology.

RAMACHANDRA, Reddy Attipalli RAMAKRISHNAN, P.S. Climate Change and Photosynthesis/Biofuels.

Ecology/Sustainable Development. RANGAN, Latha Plant Biotechnology/Medicinal Chemistry/

Genome Mining.

Reproductive Biology of Seed Plants/Plant RANGASWAMY, Nanjangud S.

Tissue Culture & Biotechnology Taxonomy/Biodiversity/Medicinal RAO, Raghavendra Ramachandra Plants/Conservation/Phytogeography. Plant Sciences/Conservation.

RAVISHANKAR, Gokare A. Plant Biotechnology/Secondary Metabolites/

Food Biotechnology.

Plant Taxonomy/Natural Resource Ecology & RAWAT, Gopal Singh

Conservation.

Plant Sciences/Plant Molecular Biology/Plant REDDY, Anireddy S.N. Genomics/Agricultural Sciences/Biochemistry.

REDDY, Malireddy Kodandarami REDDY, Vudem Dashavantha Plant Sciences/Biotechnology. Plant Genetics/Molecular

Biology/Biotechnology. Plant Biotechnology/Environmental ROUT, Gyana Ranjan Biotechnology/Medicinal and Aromatic

Plants/Mutation Research. Remote Sensing/Geoinformatics/Earth ROY, Parth Sarathi

Observation.

SAHOO, Dinabandhu Algae and Bioresources.

RAVEN, Peter Hamilton

SAMANT, Sher Singh Plant Taxonomy/Biodiversity Conservation

and Management/ Medicinal Plants Conservation/Forestry Research and

Education.

Molecular Biology/Genomics/Gene

SAMIR, Vishwanath Sawant

SOPORY, Sudhir Kumar

Regulation. Microbiology/Mycology/Cell SANDHU, Rajindar Singh Physiology/Molecular & Membrane Biology. SANE. Prafullachandra Vishnu Photosynthesis/Plant Biochemistry/Plant Molecular Biology. Medicinal and Aromatic Plants Secondary SANGWAN, Rajendra Singh Metabolism/Biochemistry/Biotechnology, Secondary Agriculture Bioprocessing for Resource Recovery and Valued Added Products, Synthetic Biology for Health and High Value Biomolecules. SANJAPPA, Munivenkatappa Taxonomy and Conservation. SARIN, Neera Bhalla Tissue Culture/Transformation of Brassica and Legumes for Abiotic Stress Tolerance/Developmental Biology. SARKAR, Ananda Kumar Plant Molecular Biology/Plant Development/Plant Small RNA. Cytogenetics/Cell Biology/Tissue Culture. SEN, Sumitra Structural and Functional Genomics/Post SHARMA, Arun Kumar Harvest Physiology/ Regulation of Gene Expression. Genetics & Plant Breeding. SHARMA, Balram Mountain Ecology/N2-fixation/Biodiversity SHARMA, Eklabya Conservation/Ecosystem Services/Climate Change. Plant Anatomy/Biotechnology. SHARMA, Manju SHARMA, Prakash Chand Plant Molecular Biology/Crop Biotechnology/ **Transcriptomics** Genetics/Plant Biotechnology. SHARMA, Rameshwar Prasad SHARMA, Tilak Raj Plant Genomics/Bioinformatics/Plant Disease Resistance. Plant Stress Biology/Plant Informatics. SHARMA, Vinay SHASANY, Ajit Kumar Plant Molecular Biology/Functional Genomics/ Medicinal and Aromatic Plants. Seed Biology/Seed Pathology & Technology/ SHETTY, Hunthrike Shekar Molecular Plant Pathology/Biotechnological Approaches for Stress Management in Plants. Reproductive Biology of Flowering SHIVANNA, Kundaranahalli R. Plants/Pollen Biology and Biotechnology. Plant Pathology.
Cytogenetics & Plant Breeding and Plant SINCLAIR, James B. SINGH, Anurudh Kumar Genetic Resources. Plant Virology/Horticulture/Biotechnology. SINGH, B.P. Morphology of Angiospersm/ Seed Pathology. SINGH, Dalbir SINGH, Jagmohan Yeast Genetics and Epigenetics/ Chromatin Structure/ Gene Silencing/RNA. Ecology/Ecosystems Analysis/Ecophysiology. SINGH, Jamuna Sharan SINGH, Kaushalendra Pratap SINGH, Krishna Pal Ecology/Environmental Sciences. Taxonomy/Lichenology.
Genomics/Molecular Breeding/Grain Quality SINGH, Nagendra Kumar in Rice, Wheat and Pigeonpea. SINGH, Ram Badan SINGH, Surendra Pratap Cytogenetics/Plant Genetics Resources. Ecology/Forest Science/Environment. SINGLA-PAREEK, Sneh Lata Stress Molecular Biology/Crop Biotechnology/ Functional Genomics. SINHA, Alok Krishna Plant Physiology/Plant Biochemistry/Plant Molecular Biology.
Plant Molecular Biology/Plant Biotechnology. SONIYA, Eppurath Vasudevan

Molecular Plant Physiology.

Plant Sciences 425

SRIVASTAVA, Mahendra Pratap Mycology & Plant Pathology/Transfer of Technology, Plant Health Clinic/Food Security/Pesticides/Integrated Pest Management. SRIVASTAVA, Prem Shankar Plant Tissue Culture/Transgenics/DNA Polymorphism. Biodiversity/Taxonomy and Conservation of SRIVASTAVA, Suresh Chandra Bryophytes. Plant Biochemistry/Chloroplast SUBRAMANYAM, Rajagopal Bioenergetics/Structural Biology. SUNDARESAN, Velusamy Taxonomy and Molecular Phylogeny of Angiosperms/Biodiversity Characterization and Conservation Biology of RET species/ DNA Barcoding of Medicinal and Aromatic Plants. Plant Biotechnology. TANDON, Pramod THAKUR, Indu Shekhar Environmental Microbiology & Biotechnology/ Microbial Ecology. Molecular Biology.
Developmental/Functional/Genetical.
Plant Stress Physiology/Environmental THAKUR, Jitendra Kumar TRAN, Lam-Son Phan TRIPATHI, Rudra Deo Biotechnology/Bioremediation of Heavy Metals and Metalloids/Management of Arsenic Contamination in Crops/Rice. TRIPATHY, Baishnab Charan Photo Biology/Biotechnology. Plant Molecular Biology/Pathway TRIVEDI, Prabodh Kumar Engineering/Environmental Biotechnology. TULI, Rakesh Plant Biochemistry/Molecular Genetics/Food Biotechnology. Plant Molecular Biology/Plant TUTEJA, Narendra Biotechnology/Crops Improvement/Stress Tolerance/Mango Malformation/Plant-Microbes Interactions. Plant Molecular Biology and Biotechnology. Coastal Vegetation/Mangroves/Seaweeds. TYAGI, Akhilesh Kumar UNTAWALE, Arvind Gajanan Molecular Genetics/Genomics/Biotechnology. UPADHYAYA, Kailash Chandra UPRETI, Dalip Kumar Lichen Taxonomy/Ecology/Environment. UPRETÝ, Dinesh Chandra CO2 Enrichment Research and Technology/ Photosynthesis, Drought Resistance in Crop Plants/Global Climate Changes & Crop Responses Plant Pathology/Plant Virology/Biotechnology. VARMA, Anupam Genomics/Genetics/Molecular Breeding. VARSHNEY, Rajeev Kumar Plant Molecular Biology/Genetic VELUTHAMBI, Karuppannan Engineering/Plant Molecular Virology Dry Land Farming/Soil Fertility Evaluation in VENKATESWARLU, J. River Valley Projects/Watershed Development. Plant Virology/Plant Pathology/Plant Protection/Molecular Biology. VERMA, Hriday Narain VERMA, Praveen Kumar Plant-Microbe Interaction. VERMA, Satish Chander Cytology/Genetics/Reproductive Biology (Plants)/Cytotaxonomy and Biology of Ferns. YADAV, Shrirang Ramchandra Taxonomy of Angiosperm.

Metabolic

Technology.

Engineering/Biotechnology/Bioprocess

YADAV, Sudesh Kumar

Science & Society

(Philosophy of Science, History of Science, Ethics,
Science Policy, Science & Technology based entrepreneurship,
S & T Management, Popularization of Science)

Name

Specialization

AMTE, Mandakini Prakash AMTE, Prakash Murlidhar ANDEZHATH, Susheela Kumaran BHUYAN, Mantu	Medical Sciences/Social Work. Medical Sciences/Social Work. Fluorosis/Public Health/Nutrition. Entomology/Biodiversity Conservation/ Bioprospecting.
CHAKRABARTI, Syamal	History of Science/Philosophy of Science/
DOBHAL, Rajendra	Popularization of Science. Science, Technology and Society/Intellectual
GUPTA, Nivedita	Property Rights and Biodiversity. Science Policy/Science & Technology/S&T
JOLLY, Pratibha	Management. Chemical Physics/Physics Education
JOSHI, Anil Prakash	Research/Science Education Outreach/ICT in Education, Women in STEMM. Environmental Conservation/Small Micropower Energy/Value addition in Horti-
KUMAR, Arvind NAIR, K. Gopalakrishnan NANDY, Papiya Sengupta	Agriculture. Theoretical Physics/Science Education. Physics/Electronics/Popularisation of Science. High Dilution Physics/Bioinformatics/Science Education.
NARAIN, Sunita NATH, Kumar Jyoti PARIKH, Jyoti Kirit	Science & Society. Environment/Public Health/Sanitation. Climate Change Technology Assessment/Energy Modelling/ Power System
PATHAK, Bindeshwar	Modelling. Environmental Sanitation and Technology/ Sustainable Development/Social Reform and
PRAKASHKUMAR, R.P.	Social Action. Plant Biodiversity Conservation/S&T
RADHAKRISHNAN, Koppillil	Management. Space Technology/Space Applications/Space
RAO, Indumati RAO, Paruchuri Gangadhar RAVI, Bina	Programme Management. Geography/Multimedia. Science & Society/Engineering Sciences. Surgery - Breast Cancer/Non-Cancerous
SAXENA, Manoj	Breast Diseases. Nanoelectronics/Semiconductor Device
SHANKAR, Anant Darshan SINGH, Vijay Awadesh	Simulation/Compact Modelling. Traditional Health Sciences and Applications. Digital Materials (Nanostructural Semiconductors)/Science Education
SRIVASTAVA, Ramesh Kumar	Research/Promótion of Research in undergraduate Community. Technology Dissemination & Entrepreneurship Development/ Cultivation & Processing of Medicinal & Aromatic Plants/Uti- lization of Offered-waste flowers
SWARUP, Renu	into value added products. Biotechnology for the Welfare of Science & Society.

ANNUAL SESSIONS

(Since 1957)

Sessio	on City	Institution	Date		Year
26th	Aligarh	Aligarh Muslim University	February	3-5	1957
27th	Jabalpur	Mahakoshal Mahavidyalaya	December	26-28	1958
28th	Agra	Agra University	February	6-8	1959
29th	Gorakhpur	Gorakhpur University	February	7-9	1960
30th	Allahabad	Allahabad University	February	3-5	1961
31st	Dehradun	D.A.V. P.G. College	March	10-12	1962
32nd	Allahabad	Allahabad University	February	16-18	1963
33rd	Allahabad	Allahabad University	February	15-17	1964
34th	Muzaffarpur	L.S. College	February	13-15	1965
35th	Agra	Agra University	February	26-28	1966
36th	Varanasi	Banaras Hindu University	February	24-26	1967
37th	Ahmedabad	Guirat University	February	1-3	1968
38th	Ranchi	Ranchi University	March	17-19	1969
39th	Roorkee	Roorkee University	March	6-8	1970
40th	Ujjain	Vikram University	February	26-28	1971
41st	Varanasi	Banaras Hindu University	February	24-26	1972
42nd	Allahabad	Allahabad University	March	4-6	1973
43rd	Jodhpur	Jodhpur University	October	20-22	1973
44th	Bhagalpur	Bhagalpur University	April	20-22	1975
45th	Raikot	Saurashtra University	April	24-26	1976
46th	Delhi	Delhi University	February	5-7	1977
47th	Bhopal	Bhopal University	March	4-6	1978
48th	Gauhati	Gauhati University	October	22-24	1978
49th	Nagpur	Nagpur University	October	27-29	1979
50th	Allahabad	Allahabad University	October	23-27	1980
(Golde	n Jubilee Session)				
51st	Cochin	Cochin University	October	5-7	1981
52nd	Bhavnagar	Central Salt & Marine	November	2	1982
		Chemicals Research Institute			
53rd	Goa	National Institute of Oceanography	October	27-29	1983
54th	Madurai	Madurai Kamraj University	October	11-13	1984
55th	Gwalior	Jiwaji University	November	3-5	1985
56th	Jaipur	Rajasthan University	October	25-27	1986
57th	Tiruchirapall	Bharthidasan University	October	8-10	1987
58th	Jammu	Jammu University	November	7-9	1988
59th	Hyderabad	Osmania University	January	6-8	1990
60th	Allahabad	National Academy of	May	3-5	1991
(Diame	ond Jubilee Session	Sciences, India			
61st	Meerut	Meerut University	December	19-21	1991
62nd	Udaipur	M.L. Sukhadia University	February	9-11	1991
		Centenary Session)	i ebidaly	9-11	1993
63rd	Bangalore	Indian Institute of Science	November	24-26	1993
		of Prof. N.R. Dhar)	14040111001	L-7 LU	1000
64th	Chandigarh	Panjab University	September	29-Oct.1	1994
65th	Tirupati	S.V. University	November	3-5	1995
66th	Aurangabad	Babasahab Ambedkar Marathwada University	October	31-Nov.2	1996
67th	Bhubaneswar	Utkal University	October	24-26	1997
68th	Lucknow	Central Drug Res. Institute	October	23-25	1998
69th	Bhopal	Barkatullah University	November	11-13	1999
70th	Allahabad	Allahabad University	November	3-6	2000
	-				

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71st 72nd 73rd	Pune Shillong Ahmedabad	Pune University North-Easter Hill University Physical Research	October October October	5-7 25-27 10-12	2001 2002 2003
74th 75th	Jaipur Pondicherry	Laboratory Jaipur University Pondicherry University	December December	2-4 8-9	2004 2005
	um Jubilee Sessior		December	0-3	2000
76th	Mumbai	Indian Institute of Technology- Bombay	October	6-8	2006
77th	Mysore	Central Food Technological Research Institute	December	6-8	2007
78th 79th	Chandigarh Kolkata	Panjab University Calcutta University	November December	21-23 14-16	2008 2009
80th	Jaipur	Jaipur National University	December	2-4	2010
81st	Thiruvanthapuram	Kerala University	November	24-26	2011
82nd	Varanasi	Banaras Hindu University	November	29-Dec.1	2012
83rd	Goa	University of Goa	December	5-7	2013
84th	Jodhpur	Jai Narayan Vyas University	December	4-6	2014
85th	Bhubaneswar	KIIT University	December	6-8	2015
86th	Dehradun	Uttarakhand Technical University & UCST	December	2-4	2016
87th	Pune	SP Pune University	December	8-10	2017
88th	Chitrakoot	MGCGV & DRI, Chitrakoot	December	6-8	2018
89th	Hyderabad	National Academy of Agricultural Research Management (NAARM)	December	21-23	2019
90th	Prayagraj	NASI HQ through WEB	February	25-27	2021
91st	Prayagraj	NASI HQ through WEB	December	4-6	2021
92nd	Prayagraj	NASI HQ Hybrid Mode	Decenber	4-6	2022
93rd	Mumbai	Bhabha Atomic Research Centre	December	3-5	2023

List of Symposia/Seminars/Workshops held in the recent past

Symposium October, 1984, Madurai "Inerface on Physical & Biological Sciences" February, 1986, New Delhi National Conference on "Short Term and Long Term Hazards of Pesticides and strategies for their safe use" March, 1986, Allahabad Workshop on "Ganga as Resource Prospects & Problems" May, 1986, New Delhi National Seminar on "Electronics for Teaching and Mass Education" October, 1986, Jaipur Symposium on "Desert Ecology" Symposium on "Recent Trends in Geomagnetism" April, 1987, Allahabad National Symposium on "Inputs of Science & Technology for the Development of Waste Lands" October, 1987, Tiruchirapalli National Symposium on "New Materials" December, 1987, Bombay National Symposium on "Utilization of Living Resources of the Indian Seas" July, 1988, New Delhi Symposium "Science Technology for National Development Vision, Challenges Opportunities, and Implementations" November, 1988, Jammu "Frontiers Symposium on Modern Biology" March, 1989, New Delhi Regional Seminar on "Public Policy Implication of Biotechnology for Asian Agriculture" April, 1989, New Delhi Workshop on "Natural & Cultural Sites along Ganga" November, 1989, Allahabad Symposium on "Cultural & Natural Sites along Ganga: Our Unique National Heritage" January, 1990, Hyderabad National Symposium on "Indian Geosphere and Biosphere Programme' National September, 1990, Pondicherry -Symposium on "Sustainable Management of Natural Resources" May, 1991, Allahabad National Symposium on "Science & Technology in 2000 AD and

Beyond"

December, 1991, Meerut	-	National Symposium on "Environment & Development - A
February, 1993, Udaipur	_	Scientific Approach" National Symposium on "Science
r ebruary, 1993, Odalpul		& Technology for Development - New Directions in the Changing
September, 1993, Allahabad	-	Scenario" Symposium on "Meghnad Saha's Contributions and the Journey Beyond"
November, 1993, Bangalore	-	Workshop on "Soil and Environment"
December, 1993, New Delhi	-	Symposium on "Science and Law"
September, 1994, Chandigarh	-	Symposium on "Industrial Biotechnology - An Indian Scenario"
December, 1994, Calcutta	-	Symposium on "Mantle Dynamics"
October, 1995, Tirupati	-	Symposium on "Water Resources - Scientific Management"
October, 1996, Aurangabad	-	Symposium on "Emerging Health
May, 1997, Goa	_	Issues in India" Symposium on "Ethical, Legal and
,		Social Implications of Human Genomic Research"
October, 1997, Bhubaneswar	-	Symposium on "Science and Technology for Sustainable Development"
October, 1998, Lucknow	-	Symposium on "Science and Technology Education - Concerns and Perspectives"
December, 1998, Allahabad	-	"K.S. Krishnan Birth Centenary Symposium on Condensed Matter Physics"
November, 1999, Bhopal	-	Symposium on "Information
		Technology and its Applications"
April, 2000, Allahabad	-	Symposium on "School Science for India of Tomorrow"
August 2000, Allahabad	-	"Brain Storming Session on Mathematical Modeling for Glacier Studies"
November, 2000, Allahabad	-	Symposium on "Harnessing Science & Technology for the New Fra"
October, 2001, Pune	-	Symposium on 'Coping with Natural Hazards"
October, 2002, Shillong	-	Symposium on "Biodiversity : A Scientific Approach - Agenda for the 21st Century"
October, 2003, Ahmedabad	-	Symposium on "Astronomy in the New Millennium"

December, 2004, Jaipur	-	Symposium on "Science &
		Technology for Desert
October 2005 Allahahad		Development" Symposium on "Excitement of
October, 2005, Allahabad	-	Symposium on "Excitement of Science"
October, 2006, Mumbai	_	Symposium on "Science &
Colosof, 2000, Marrisa		Technology in the Service of
		Society"
December, 2007, Mysore	-	Symposium on "Novel
		Approaches for Food and
		Nutritional Security"
November, 2008, Chandigarh	-	Symposium on "Novel
		Approaches for Bio-medical
December 2000 Kelkete		Research"
December, 2009, Kolkata	-	Symposium on "Science and Technology and the Young
		(Career, Creativity and
		Excitement)"
December, 2010, Jaipur	-	National Symposium on "Climate
, , , , , , , , , , , , , , , , , , , ,		Change - Research, Awareness
		and Capacity Building"
November, 2011, Thiruvanthapu	ıram	Symposium on "Sustainable
		Management of Biodiversity using
N		Science & Technology"
November, 2012, Varanasi	-	Symposium on "Nano-science &
Docombor 2012 Coo		Technology for Mankind"
December, 2013, Goa	-	Symposium on "Space for Human Welfare"
December, 2014, Jodhpur	-	Symposium on "Desert Science-
•		Opportunities and Challenges"
December, 2015, Bhubaneswar	· -	Symposium on "Marine and Fresh
		Water Ecosystems: Role in
D		National Development"
December, 2016, Dehradun	-	Symposium on "Science,
		Technology and Entrepreneurship for Human Welfare in the
		Himalayan Region"
December, 2017, Pune	_	Symposium on "Basic Research -
		Its Role in National Development"
December, 2018, Chitrakoot	-	Symposium on "Science,
		Technology and Ecosystem for
		Sustainable Rural Development"
December, 2019, Hyderabad	-	Symposium on "Science and
		Technology based Entrepreneur-
Fobruary 2021 Prayagrai		ship Development" Symposium on "Towards A New
February, 2021, Prayagraj	-	Healthcare Regime for the Nation"
December, 2021, Prayagraj	_	Symposium on Interface between
		Biological and Physical Sciences
		towards Atmanirbhar Bharat"
December, 2022, Prayagraj	-	Symposium on "Science &
		Technology – a vehicle for social
		transformation" (dedicated to
December 2022 Mumb -:		Azadi ka Amrut Mahotsav)
December, 2023, Mumbai	-	India Secure @75

SECTIONAL PRESIDENTS

(Since 1972)

Physical Sciences

1972	Prof. R.P. Rastogi	Chemistry
1973	Prof. Hari Narain	Geophysics
	Prof. Krishnaii	Physics
-	Prof. Chandrika Prasad	Mathematics
	Prof. P.T. Narashimhan	Chemistry
	Prof. Ajit Ram Varma	Physics
	Prof. R.P. Bambah	Mathematics
1979	Dr. Nitya Anand	Chemistry
1980	Prof. B. Ramachandra Rao	Physics
1981	Prof. G.N. Ramachandran	Mathematics
1982	Prof. H.L. Nigam	Chemistry
1983	Dr. Raja Ramanna	Physics
1984	Prof. J.N. Kapur	Mathematics
1985	Prof. M.M. Taqui Khan	Chemistry
1986	Prof. R.G. Rastogi	Geomagnetism
1987	S S	Statistica Genetics
	Prof. K.S. Valdiya	Geology
	Prof. S.K. Joshi	Physics
	Prof. V.G. Bhide	Physics
1991	Prof. R.A. Mashelkar	Polymer Science
	Prof. C.L. Khetrapal	Chemistry
	Prof. K. Kasturirangan	Physics
	Prof. S.K. Malik	Mathematics
1995	Prof. Goverdhan Mehta	Chemistry
1996	Prof. R.K. Verma	Physics
1997	Prof. J.P. Mittal	Chemistry
1998	Prof. D.V. Singh	Engineering
1999	Prof. H.S. Mani	Physics
2000	Prof. L.M. Patnaik	Computer Science
2001	Prof. Girjesh Govil	Molecular Biophysics
2002	Prof. A.K. Sood	Physics
2002	Prof. Sushanta Dattagupta	Physics
	Prof. Ashok Misra	Polymer Science & Engineering
		, , ,
2005	Prof. R. Balasubramanian	Mathematics
2006	Prof. Suresh Chandra	Materials Sciences/Solid State Ionics/
		Solid State Electronics
2007	Prof. S.C. Dutta Roy	Engineering
2008	Prof. S.R. Shetye	Physical Oceanography
2009	Dr. Sankar Kumar Pal	Pattern Recognition and Image Processing/
		Neural Networks and Fuzzy Systems/
		Soft Computing
2010	Prof. Anil K. Singh	Organic Chemistry/Bioorganic Chemistry/
	ő	Photochemistry/Photobiology
2011	Prof. J.R. Bellare	Cryo EM & Optical Microscopy/
_0		Nanotechnology/Biomedical devices
2012	Prof. Satya Deo	Algebraic & Differential Topology
	Dr. Amit Roy	Nuclear Physics/Acceleration Physics
	Prof. Ajoy K. Ghatak	Fiber Optics/Quantum Mechanics
	Prof. Ajoy K. Ghalak Prof. Anurag Sharma	
2015	FIOI. Alluray Shaima	Fiber and Integrated Optics/
		Gradient-Index Optics/Applied Optics

Sectional Presidents 433

2016	Prof. S.P. Mehrotra	Process Metallurgy/ Mathematical Modeling & Simulation/ Process Development and Control/ Mineral Processing
2017	Dr. Dinakar Kanjilal	Experimental Physics/Accelerator Physics.
2018	Dr. Pradeep K. Gupta	Lasers/Biomedical Applications of Laser/ Nonlinear
		Optics
2019	Dr. Pratibha Jolly	Chemical Physics/Physics Education Research/
	•	Science Education Outreach/ICT in Education
2020	Prof. Sanghamitra Bandyopa	adhyay Bioinformatics/Soft Computing/Pattern
		Recognition.
2021	Prof. Anirban Pathak	Quantum Information/Quantum Optics/Physics.
2022	Prof. Vimal Kumar Jain	Inorganic & Organometallic Chemistry.
2023	Prof. Jitendra K. Bera	OrganometallicChemistry/Catalysis/
		Sustainable Chemistry.

Biological Sciences

	9	
1972	Prof. K.S. Thind	Botany
1973	Prof. G.K. Manna	Zoology
1974	Prof. S.P. Raychaudhuri	Botany
1975	Prof. H.S. Chaudhary	Zoology
1976	Prof. R.P. Roy	Botany
1977	Prof. P.N. Srivastava	Zoology
1978	Dr. M.S. Swaminathan	Plant Breeding
1979	Prof. A.K. Sharma	Botany
1980	Prof. J.P. Thapliyal	Zoology
1981	Prof. P.M. Bhargava	Molecular Biology
1982	Dr. S.Z. Qasim	Zoology
1983	Dr. T.N. Khoshoo	Botany
		Neurosurgery
1985	Dr.(Mrs) Archana Sharma	Botany
1986	Prof. K.N. Mehrotra	Entomology
	Dr. S.K. Jain	Plant Sciences
	Prof. G. Padmanabhan	Molecular Biology
	Dr. S.N. Dwivedi	Oceanography
1990	Dr. V.P. Sharma	Entomology
1991	Prof. S.K. Sinha	Plant Physiology
1992	Prof. Sipra Guha-Mukherji	Life Sciences
1993	Prof. Anupam Varma	Plant Science
1994	Prof. Asis Datta	Molecular Biology
1995	Prof. Madhav D. Gadgil	Life Sciences
1996	Prof. R. Ramamurthi	Zoology
1997	Prof. H.Y. Mohan Ram	Botany
1998	Prof. M. Vijayan	Molecular Biophysics
1999	Prof. N.K. Ganguly	Medical Sciences
2000	Prof. Sandip K. Basu	Immunology
2001	Prof. Gyan Chandra Mishra	Immunology
2002	Dr. Vijayalakshmi Ravindranath	Neuro Biology
2003	Dr. Dinakar M. Salunke	Structural Biology
2004	Prof. Amit Ghosh	Molecular Biology
2005	Prof. (Mrs.) Kasturi Datta	Molecular & Cellular Biology/
2000	Deef C.D.C. Khamuia	Genetic Engineering/Functional Genomics
2006	Prof. S.P.S. Khanuja	Molecular and General Genetics/
2007	Prof. Pramod Tandon	Plant Improvement/Biotechnology
2007 2008	Prof. Pramod Tandon Prof. Nikhil Tandon	Plant Biotechnology
2008	FIOI. MKIIII TAHQOH	Endocrinology (Diabetes; Thyroid
2009	Prof. Rakesh Tuli	disease; Metabolic Bone Disease) Plant Biochemistry/Molecular Genetics
2009	i ioi. Nakesii iuli	i ani biochemistry/Molecular Genetics

2010	Prof. Paramjit Khurana	Molecular Basis of Cellular Differentiation/ Genetic Transformation of Crop
		Plants/Genomics and Bioinformatics
2011	Prof. K.V. Peter	Horticulture/Genetics & Plant Breeding
2012	Prof. Balram Bhargava	Medicine/Cardiology
2013	Prof. Veena Tandon	Parasitology/Helminthology
2014	Dr. Ajay K. Parida	Plant Biotechnology/Genomics/Transgenics
2015	Prof. W.S. Lakra	Fisheries, Aquaculture Genetics and Biotechnology
2016	Dr. Shashi B. Singh	Environmental Physiology/Cognitive Neurosciences
2017	Prof. Chandrima Shaha	Cell Biology/Physiology
2018	Prof. Madhoolika Agrawal	Ecology/ Environmental Science/Global Climate
0040	Duet Culbus Chalushaut	Change/Air Pollution
2019	Prof. Subhra Chakraborty	Nutritional and Stress Genomics/ Proteomics/
2020	Dr. Smita Dilin Mahala	Molecular Biology/Genetic Engineering
2020	Dr. Smita Dilip Mahale	Reproductive Biology/Protein Chemistry/Endocrinology.
2021	Prof. Rohit Srivastava	Point of Care Diagnostic Devices/MEMS
2021	1 Tot. North Stivastava	Technologies/Nanoengineered Biosensors.
2022	Prof. Latha Rangan	Plant Biotechnology/Medicinal Chemistry/
2022	1 Tor. Latria Harigan	Genome Mining.
2023	Dr. G.Taru Sharma	Molecular Reproductive Physiology/
		Stem Cell Biology.
		6,

Fellowship Scrutiny Committee 2023

Prof. Ajoy K. Ghatak - President (In Chair)
Prof. (Mrs.) Manju Sharma (Convener) – Biological Sciences
Prof. J.P. Mittal (Convener) – Physical Sciences

PHYSICAL SCIENCES SUB-COMMITTEES

Chemical Sciences

DHAVALE, Dilip Dattatray
RADHAKRISHNAN, THAVAROOL P.
SUBRAMANIAN, Venkatesan
REDDY, D. Srinivasa
VASUDEVA RAO, P.R.
GUPTA, Virendra Kumar
GHOSH, Swapan Kumar
GARIKAPATI, Narahari Sastry
LAKSHMIKANTAM, Mannepalli
BATRA, Sanjay

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Dr. Amita Aggarwal

2022 2021

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Prof. U.C. Srivastava
Prof. Jayesh R. Bellare

Meghnad Saha Distinguished Fellowship

Prof. M.G.K. Menon 6th Oct 1994 - 30th Sept 1999 Prof. P.N. Tandon 1st April 2000 - 31st Mar 2005 Prof. V.P. Sharma 1st April 2005 - 20th Sept 2010 Prof. J.P. Mittal 21st Sept 2010 - 20th Sept 2015 Prof. Ajoy K. Ghatak 1st April 2016 - 31st Mar 2021 Prof. Akhilesh K. Tyagi 1st Dec 2021 Continuing

NASI-Platinum Jubilee Chair

Prof. G. Padmanaban 2007 - (term completed) Prof. S.K. Joshi 2007 - (term completed) - (term completed) Prof. M.S. Raghunathan 1st April 2012 Prof. Asis Datta - (term completed) 1st Mar 2013 Prof. Ashok Misra 17th Oct 2017 - Continuing Prof. G.C. Mishra 4th Sept 2018 - Continuing

J.C. Bose Chair

Prof. Sandip K. Basu 1st Jan 2011 – 31st Dec 2015

Prof. Amit Ghosh 1st May 2016 – 30th April 2021

Prof. Chandrima Shaha 1st Sept 2021 – Continuing

ICMR Chair in Public Health Research

 Prof. V.P. Sharma
 1st Nov 2010
 - 9th Oct 2015

 Prof. V.M. Katoch
 7th April 2016
 - 31st Mar 2022

Dr. Madhu Dikshit

Distinguished Woman Scientist Chair

Prof. (Mrs.) Manju Sharma 1st April 2012 – 28th Feb 2022

LECTURE AWARDEES

Prof. Meghnad Saha Memorial Lecture Awa (initially every alternate year but w.e.f. 2016 every year	
Prof. Govind Swarup Radio Astronomy Centre Tata Institute of Fundamental Research Bombay	1987
Dr. A.P. Mitra Director-General Council for Scientific & Industrial Research New Delhi	1991
Prof. M.G.K. Menon 77, Lodi Estate New Delhi	1993
Prof. Virendra Singh Director Tata Institute of Fundamental Research, Mumbai	1995
Prof. S.K. Joshi Former Director General CSIR, New Delhi	1997
Dr. R. Chidambaram Chairman Atomic Energy Commission & Secretary, Department of Atomic Energy, Mumbai	1999
Prof. T.V. Ramakrishnan Deptt. of Physics Indian Institute of Science Bangalore	2001
Prof. K. Kasturirangan Director National Institute of Advanced Studies Indian Institute of Science Campus Bangalore	2003
Prof. Sushanta Dattagupta Formerly Director S.N. Bose National Centre for Basic Sciences, Kolkata	2005

Prof. Bikash C. Sinha	2007
Director VECC & Saha Institute of Nuclear Physics, Kolkata	
Prof. Ajay K. Sood Chairman, Division of Physical & Mathematical Sciences, Professor, Department of Physics, Indian Institute of Science, Bangalore	2009
Dr. Satinder Kumar Sikka DAE Homi Bhabha Chair Professor Bhabha Atomic Research Centre Mumbai	2011
Prof. Bimla Buti Director Centre for Science & Society, N.Delhi	2013
Prof. Anil Kakodkar Formerly Chairman, AEC Flat no. 1104, Building no. 5, Accolade Cooperative Housing Society, Hajuri Dargah Road, Behind LIC, Tahane West, Mumbai	2015
Dr. Sandip P. Trivedi Director and Senior Professor Tata Institute of Fundamental Research Dr. Homi Bhabha Road Colaba, Mumbai	2016
Prof. Anurag Sharma IIT Delhi, New Delhi	2017
Dr. Srikumar Banerjee Chancellor, Bhabha Atomic Research Centre, Mumbai	2018
Prof. Ajoy K. Ghatak D-42, Hauz Khas, New Delhi	2019
Dr. N. Mukunda Formerly Professor Indian Institute of Science, Bangalore	2020
Prof. V. Ram Gopal Rao Director, IIT, Delhi HauzKhas, New Delhi	2021

Dr. Amit Roy
Advisor
Manipal Centre for Natural Sciences
MAHE, Manipal-576104

Professor N.R. Dhar Memorial Lecture Awards (initially every alternate year but w.e.f. 2016 every year)	ees
Prof. R.C. Mehrotra Professor Emeritus Chemistry Department University of Rajasthan, Jaipur	1991
Dr. N.S. Randhawa Former Director General Indian Council of Agricultural Research, New Delhi	1993
Prof. C.N.R. Rao President, JNCASR I.I.Sc. Campus Bangalore	1995
Prof. Rajinder Kumar Department of Chemical Engineering, I.I.Sc., Bangalore	1997
Prof. M.M. Sharma Kothari Research Professor J.N. Centre for Advanced Research Mumbai	1999
Prof. J.P. Mittal Director, Chemistry & Isotope Group Bhabha Atomic Research Centre Trombay, Mumbai	2001
Prof. Girjesh Govil DAE-BRNS Senior Scientist, Department of Chemical Sciences, Tata Institute of Fundamental Research, Mumbai	2003
Prof. C.L. Khetrapal Distinguished Professor Sanjay Gandhi P.G. Institute of Medical Sciences, Lucknow	2005

Scientist Physical Chemistry Division National Chemical Laboratory, Pune Prof. Ashok Misra Former Director, IITB 68 Adarsh Vista, Basavan Nagar Vibuthipura, Bangalore Prof. Goverdhan Mehta Honorary Professor & CSIR Bhatnagar Fellow Department of Organic Chemistry, Indian Institute of Science, Bangalore Dr. S. Swaminathan Head, Polymer Chemistry Division National Chemical Laboratory Pune Prof. P. Balram Professor (Emeritus) Molecular Biophysics Unit Indian Institute of Science Bangalore Dr. Raghunath Anant Mashelkar National Research Professor National Chemical Laboratory Pashan Road, Pune Dr. Madhu Dikshit Director, CSIR-CDRI, Lucknow Dr. A.K. Nangia Director National Chemical Laboratory, Pune Prof. V. Chandrasekhar Centre Director, TIFR Hyderabad,
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Director, CSIR-CDRI, Lucknow Dr. A.K. Nangia Director National Chemical Laboratory, Pune Prof. V. Chandrasekhar Centre Director, TIFR Hyderabad,
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Director National Chemical Laboratory, Pune Prof. V. Chandrasekhar Centre Director, TIFR Hyderabad,
National Chemical Laboratory, Pune Prof. V. Chandrasekhar Centre Director, TIFR Hyderabad,
Prof. V. Chandrasekhar 2019 Centre Director, TIFR Hyderabad,
Centre Director, TIFR Hyderabad,
Conganuly Hyderahad
Gopanpally, Hyderabad
Dr. Rakesh K Mishra 2020
Director, CCMB, Hyderabad
Dr. Avash K. Tvagi
Dr. Avesh K. Tyagi Associate Director, Chemistry Group
BARC, Mumbai-400085
Dr. A.V. Cingle
Dr. A.K. Singh Former Adjunct Professor, ICT
Former VC, Allahabad University
Former Professor, IIT Bombay

Professor Archana Sharma Memorial Lecture Awardees (every year) Prof. (Mrs.) Manju Sharma 2009 Former Secretary, Govt. of India; President & Executive Director, Indian Institute of Advanced Research, Gandhinagar; Res. B9/6476 FF, Vasant Kunj, New Delhi Prof. Veena Tandon 2010 Department of Zoology North Eastern Hill University, Shillong Prof. (Mrs.) Kasturi Datta 2011 **DBT** Distinguished Biotechnology Professor School of Environmental Sciences Adjunct Professor Special Centre for Molecular Medicine Jawaharlal Nehru University, New Delhi 2012 Prof. Mahtab Bamji INSA Hon. Scientist Dangoria Charitable Trust, Hyderabad Prof. Chandrima Saha 2013 Director National Institute of Immunology Aruna Asaf Ali Marg, New Delhi Prof. Sneh Bhargava 2014 Professor Emeritus and Formerly Director AIIMS, New Delhi Dr. Suchitra Banerjee 2015 Chief Scientist, Plant Biotechnology Division, CSIR-CIMAP, Lucknow Prof. Rohini M. Godbole 2016 Centre for High Energy Physics Indian Institute of Science Bangalore Prof. Jaya Sivaswami Tyagi 2017 AIIMS, New Delhi

Dr. Nilima Arun Kshirsagar National Chair Clinical Pharmacology ICMR, New Delhi	2018
Prof. Paramjit Khurana Department of Plant Molecular Biology University of Delhi, South Campus Dhaula Kuan, New Delhi	2019
Dr. Subhra Chakraborty Staff scientist-VII, NIPGR Aruna Asif Ali Marg, New Delhi	2020
Dr. K. Indira Priyadarsini DAE, Raja Ramanna Fellow, UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai Mumbai	2021
Prof. Rama Govindarajan Senior Professor-I, ICTS-TIFR Survey No.151, Shivakote, Hesaraghatta Hobli, Bengaluru North-560089	2022

Professor M.G.K. Menon Memorial Awardees (every year)	
Prof. Govind Swarup, FRS Former Director, NCRA/GMRT TIFR, Pune	2015
Prof. P N Tandon President National Brain Research Society, Manesar	2016
Prof. Manju Sharma Former Secretary to the Govt. of India, New Delhi	2017
Dr. K. Kasturiranga Chairman, Raman Research Institute Council, Bangalore	2018
Prof. C.N.R. Rao Linus Pauling Research Professor Jawaharlal Nehru Centre for Advanced Scientific Research JNC President's House, Indian Institute of Science Campus, Bangalore	2019

Prof. Vijayalakshmi Ravindranath Director, Centre for Brain Research Indian Institute of Science, Bangalore	2020
Prof. Ashok Misra NASI Platinum Jubilee Chair Professor at IISc Bangalore Bengaluru	2021
Prof. Ajay Kumar Sood PSA, Govt. of India (New Delhi); Dept. of Physics, Indian Institute of Science Bangalore-560012	2022

Professor M.G.K. Menon Lecture Awardees (every year)	
Prof. Balram Bhargava Professor Department of Cardiology All India Institute of Medical Sciences New Delhi	2015
Dr. T.R. Sharma Director, ICAR-National Research Centre on Plant Biotechnology, Pusa Campus, New Delhi	2016
Dr Ajay Kumar Parida Director, ILS Bhubaneswar	2017
Dr. V. Ramgopal Rao Director, IIT Delhi, New Delhi	2018
Dr. Nikhil Tandon Professor Department of Endocrinology & Metabolism AllMS, New Delhi	2019
Prof. Amit P. Sharma Director, ICMR-NIMR Sector-8, Dwaraka, New Delhi	2020
Dr. Anil Bhardwaj Director, Physical Research Laboratory, A Unit of Department of Space, Govt. of India, Ahmedabad	2021

Dr. Pankaj Seth

2022
Professor and Scientist VII
Cellular and Molecular Neuroscience Div.
NBRC, NH-8, Nainwal Road
Manesar-Gurgaon-122052

Professor V.P. Sharma Memorial Lecture Awardees (every year)	
Dr. Padmanaban Govindarajan INSA Senior Scientist/Hon. Professor Indian Institute of Science, Bangalore; Senior Science and Innovation Advisor BIRAC, DBT, New Delhi	2016
Dr. V. P. Kamboj Chairman, BCIL New Delhi	2017
Dr. Neena Valecha Scientist G & Director ICMR-NIMR, New Delhi	2018
Prof. Veena Tandon NASI Senior Scientist Platinum Jubilee Fellow Biotech Park, Jankipuram Sector G, Kursi Road, Lucknow	2019
Dr. Ramesh Chand Dhiman Senior Consultant, Former Scientist 'G'& ICMR-NIMR Sector-8, Dwaraka, New Delhi	2020
Dr. M.V. Padma Srivastava Professor and Head, Department of Neurology, Chief,Neurosciences Center, AIIMS, New Delhi	2021
Dr. Giriraj Ratan Chandak Chief Scientist & Group Leader E406,CSIR-CCMB Habsiguda, Uppal Raod Hyderabad-500007	2022

Professor A.K. Sharma Memorial Lecture Awardee (every year) Prof. Asis Datta Former NASI Platinum Jubilee Chair Distinguished Professor, NIPGR, New Delhi

Prof. Sudhir K. Sopory Formerly Vice Chancellor JNU, New Delhi	2019
Prof. Akhilesh K. Tyagi Professor Department of Plant Molecular Biology University of Delhi, South Campus, New Delhi	2020
Prof. PramodTandon Former CEO, Biotech Park Lucknow	2021
Dr. Umesh Chandra Lavania INSA Senior Scientist, Dept. of Botany University of Lucknow, Lucknow- 226007	2022

Professor P.C. Ray Memorial Lecture Awardee (every year)	
Prof. Animesh Chakravorty Emeritus Professor, Indian Association for the Cultivation of Science, Kolkata	2018
Dr. A.V. Rama Rao Chairman & Managing Director AVRA Laboratories, AVRA House Sai Enclave, Habshiguda Hyderabad	2019
Prof. Seyed Ehtesham Hasnain Vice Chancellor and Professor, JH-IMM Jamia Hamdard, Hamdard Nagar, New Delhi	2020
Dr. Ved Prakash Kamboj NASI Hon. Scientist, Biotech Park, Kursi Road, Lucknow-226021	2021
Prof. Pratim Kumar Chattaraj Professor, Chemistry Dept. IIT Kharagpur, Kharagpur -721302	2022

Professor S.K. Joshi Memorial Lecture Awardee (every year)	•
Prof. Man Mohan Sharma Former Director, Institute of Chemical Technology (UDCT) Mumbai	2021

Shri Kamlesh Nilkanth Vyas	2022
Chairman, Atomic Energy Commission &	
Secretary, Dept. of Atomic Energy,	
Anushaktibhawan, CSM Marg, Mumbai-400001	

Professor A.C. Banerji Memorial Lecture Awardees (every alternate year)	
Prof. A.K. Ray Choudhuri INSA Senior Scientist, Presidency College, Calcutta	1989
Sir Hermann Bondi, F.R.S. Master of Churchill College Cambridge, U.K.	1991
Prof. S.M. Chitre Senior Professor Theoretical Astrophysics Group Tata Institute of Fundamental Research Mumbai	1993
Prof. Ramanath Cowsik Indian Institute of Astrophysics Bangalore	1995
Prof. Thanu Padmanabhan Inter University Centre for Astronomy and Astrophysics Pune	1997
Prof. Ashoke Sen, FRS Mehta Research Institute, Allahabad	1999
Prof. S.K. Malik Professor & Chairman CAS in Mathematics, Panjab University, Chandigarh	2001
Prof. M.S. Raghunathan Distinguished Professor Tata Institute of Fundamental Research, Mumbai	2003
Prof. R. Balasubramanian Director Institute of Mathematical Sciences Chennai	2005

Prof. M. Lakshmanan DAE-BRNS Raja Ramanna Fellow Department of Physics and Centre for Nonlinear Dynamics Bharthidasan University Tiruchirapalli	2007
Prof. G. Rajasekaran Senior Scientist Institute of Mathematical Sciences Chennai	2009
Lecture Award not given in the year	2011
Prof. Pankaj Shantilal Joshi Department of Astrophysics & Astronomy, TIFR, Mumbai	2013
Prof. Ajoy K. Ghatak Visiting Professor Indian Institute of Technology Delhi New Delhi	2015
Prof. Bimla Buti Director Centre for Science and Society Delhi	2017
Dr. Anurag Kumar Director, Indian Institute of Science Bangalore	2019
Prof. Satya Deo NASI Hon. Scientist & Hon. Visiting Professor Harish Chandra Research Institute., Prayagraj	2021

Dr. B.P. Pal Memorial Lecture Awardees (every alternate year)	
Dr. M.S. Swaminathan Chairman M.S. Swaminathan Research Foundation 11, Rathna Nagar, Madras	1991

Dr. H.K. Jain Former Director Indian Agricultural Research Institute New Delhi	1993
Dr. R.S. Paroda Director General, ICAR & Secretary, D.A.R.E., New Delhi	1995
Dr. T.N. Khoshoo Tata Energy Research Institute New Delhi	1997
Prof. S.K. Sinha ICAR National Professor IARI, New Delhi	1999
Prof. V.L. Chopra National Professor, B.P.Pal Chair National Research Centre on Plant Biotechnology, I.A.R.I., New Delhi	2001
Dr. Sushil Kumar Emeritus Scientist National Centre for Plant Genome Research, JNU Campus, New Delhi	2003
Prof. Akhilesh K. Tyagi Professor & Programme Coordinator (CPMB), Department of Plant Molecular Biology University of Delhi South Campus, New Delhi	2005
Prof. Prem Narain Formerly Director, IASRI B-3/27A, Lawrence Road, New Delhi	2007
Prof. A.K. Sharma Hon. Professor, CAS (Cell & Chromosome Research) Botany Department Calcutta University, Kolkata	2009
Dr. Subrahmaniam Nagarajan Formerly Chairperson, PPV & FRA Ministry of Agriculture, GOI; Shiwalik 8/49, New Colony 16th Cross Street, Chrompet, Chennai	2011
Prof. Anupam Varma Advanced Centre for Plant Virology Division of Plant Pathology IARI, New Delhi	2013

Prof. Jitendra Paul Khurana Dean (FIAS) & Head Department of Plant Molecular Biology University of Delhi, South Campus New Delhi	2015
Dr Trilochan Mohapatra Secretary DARE & DG, ICAR, New Delhi	2017
Dr. Ramesh V. Sonti Director, National Institute of Plant Genome Research Aruna Asif Ali Marg, New Delhi	2019
Prof. MadhoolikaAgarwal Professor, Department of Botany and Dean, Institute of Science, Banaras Hindu University, Varanasi	2021

Dr. P. Sheel Memorial Lecture Awardees (every 3rd year but w.e.f. 2016 every alternate year)	
Dr. S.P. Gon Chowdhury Deptt. of Science, Technology & Environment, Govt. of India	1989
Dr. C.V. Seshadri Director, Sri A.M.M. Murugappa Chettiar Research Centre, Madras	1992
Prof. G.S. Venkataraman Director DBT Centre for BGA Biofertilizer School of Biological Sciences Madurai Kamraj University, Madurai	1995
Dr. N.H. Antia Chairman & Director Foundation for Research in Community Health, Mumbai	1998
Dr. Ashok Jhunjhunwala Head, Deptt. of Electrical Engineering I.I.T., Chennai	2001
Dr. Anil Joshi Himalayan Environmental Studies and Conservation Organization Village - Ghisarapalli P.O. Nehuwala Via Majra Dehradun (Uttaranchal)	2004

Prof. Sneh Bhargava Formerly Director, AllMS A-103, New Friends Colony New Delhi - 110065	2007
Dr. S. Ayyappan Secretary, DARE & Director General, ICAR, New Delhi	2010
Prof. Balram Bhargava Department of Cardiology AIIMS, New Delhi.	2013
Dr. R. Balasubramanian Director Institute of Mathematical Sciences Taramani, Chennai	2016
Dr. Renu Swarup Secretary, Govt. of India, DBT, New Delhi	2018
Prof. Bina Ravi Senior Professor of Surgery and Chair Integrated Breast Care Centre, AIIMS Rishikesh	2020
Dr. Sanjeev Sinha Professor of Medicine and Head of Medicine (Unit-3), Dept. of Medicine, AIIMS, New Delhi	2022

Dr. P. Sheel Memorial (Young Woman Scientist) Lecture Awardees (every 3rd year but w.e.f. 2016 every alternate year)	
(every Sid year but w.e.i. 2010 every alternate year)	
Dr. (Mrs) R.S. Nadgauda Tissue Culture Pilot Plant Div. National Chemical Laboratory, Pune	1997
Prof.(Ms.) R.M. Godbole Chairperson, Centre for Theoretical Studies Indian Institute of Science Bangalore	2000
Dr.(Mrs.) Madhoolika Agrawal Reader, Department of Botany Banaras Hindu University Varanasi	2003

Dr.Srubabati Goswami Reader F in Physics Harish Chandra Research Institute Allahabad	2006
Dr. Sudha Nair Director M.S. Swaminathan Research Foundation, Chennai	2009
Prof. Tanusri Saha Dasgupta Dept. of Material Sciences SN Bose National Centre for Basic Sciences, Kolkata	2012
Dr. Shelly Praveen Principal Scientist Advanced Centre for Plant Virology Division of Plant Pathology Indian Agricultural Research Institute New Delhi	2015
Dr. Meenu Kapoor Professor of Biotechnology GG Singh Indraprastha University New Delhi	2017
Dr. Ritu Trivedi Principal Scientist, CSIR-CDRI Sector-10, Jankipuram Extension, Sitapur Road, Lucknow	2019
Dr. Latha Rangan Professor and Head Dept. of Bioscience & Bioengineering, IIT Guwahati, North Guwahatl	2021

Professor Saligram Sinha Memorial Lect	ture
Awardees (every 5th year since 2001 but w.e.f. 2016 every alternate	vear)
Prof. K.S. Bilgrami Head, PG Department of Botany Bhagalpur University, Bhagalpur	1992
Prof. (Mrs) Archana Sharma CAS in Botany University of Calcutta, Calcutta	1995
Prof. Deepak Pental Professor of Genetics and Director, Centre for Genetic Manipulation of Crop Plants University of Delhi, New Delhi	1998
Prof. S.K. Sopory I.C.G.E.B. Aruna Asaf Ali Marg, New Delhi	2001
Prof. C. Manoharachary Emeritus Scientist (CSIR) Department of Botany Osmania University, Hyderabad	2006
Prof. Pramod Tandon Formerly V.C., NEHU; Professor, Deptartment of Botany North Eastern Hill University Shillong	2011
Prof. Madhav Dhananjaya Gadgil Formerly Professor Indian Institute of Sciences A-18, Spring Flower Apartment Panchavati Pashan, Pune	2016
Prof. Arun Kumar Pandey University of Delhi, Delhi	2018
Prof. K.V. Peter Trustee, Federal Ashwas Trust Kuruppacharil,TC-12/1309 Mullakkara, P.O. Mannuthy, Thrissur	2020
Prof. H.N. Verma Pro-Chancellor, Jaipur National University Near New RTO Office (Jaipur-Agra bypass), Jagatpura-Jaipur-302017	2022

Professor R.C. Gupta Endowment History of Science	
Lecture Awardees	
(every alternate year) Prof. Deepak Kumar Zakir Husain Centre for Educational Studies School of Social Sciences Jawaharlal Nehru University New Delhi	2000
Prof. B.V. Subbarayappa Past President, IUHPS, KT-3 Apts. 301, 14th Cross,8th Block Jaya Nagar, Bangalore	2002
Dr. A.K. Bag Advisor (History of Science) Indian National Science Academy Bahadur Shah Zafar Marg New Delhi - 110002	2004
Prof. Rajesh Kochar Formerly Director & Scientist National Institute of Science, Technology and Development Studies (CSIR), New Delhi	2006
Dr. P.P. Divakaran Adjunct Professor Chennai Mathematical Institute Chennai	2008
Prof. K. Ramasubramanian Cell for Indian Science & Technology in Sanskrit, IIT Bombay, Mumbai	2010
Prof. H.Y. Mohan Ram Formerly Professor of Botany University of Delhi, Delhi	2012
Prof. P.N. Tandon President National Brain Research Centre Manesar, Haryana	2014
Dr. Nitya Anand Formerly Director CDRI "LUMBINI" B-62, Nirala Nagar Lucknow	2016

Prof. Satya Deo Honorary Scientist HRI, Allahabad	2018
Prof. V.S. Ramamurthy Emeritus Professor National Institute of Advanced Studies Bengaluru	2020
None	2022

Professor R.N. Tandon Memorial Lecture Awardees (every alternate year)	
Prof. Anupam Varma Dean & Joint Director (Edn.) Indian Agricultural Research Institute New Delhi	2000
Prof. H.N. Verma Professor & Head, Department of Botany Lucknow University, Lucknow	2002
Prof. H.Y. Mohan Ram Formerly Professor of Botany,D.U. 194, SFS DDA Flats S.P. Mukherjee Nagar Delhi	2004
Dr. Paramvir Singh Ahuja Directror Institute of Himalayan Bioresource Technology	2006
Palampur Prof. Pramod Tandon Vice-Chancellor North-Eastern Hill University Shillong	2008
Prof. L.C. Rai CAS in Botany Banaras Hindu University Varanasi	2010
Prof. S.K. Sopory Vice-Chancellor Jawaharlal Nehru University New Delhi	2012

Prof. A.N. Purohit Formerly Vice-Chancellor HNB Garhwal University Dehradun	2014
Prof. Anil Kumar Tripathi Director, Central Institute of Medicinal and Aromatic Plants (CIMAP) Lucknow	2016
Dr. Sanjay Kapoor University of Delhi South Campus New Delhi	2018
Dr. S.K. Barik Director, CSIR-NBRI, Lucknow	2020
Prof. Ashwani Pareek Executive Director, National Agri-Food Biotechnology Institute (NABI), DBT, Govt. of India, Mohali, Punjab	2022

Prof. B.K. Bachhawat Memorial Lecture Awardees (every alternate year)		
Prof. Sandip K. Basu Director, National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110067	2005	
Prof. H.K. Majumder Scientist G & Head, Infectious Diseases Divison Indian Institute of Chemical Biology Kolkata	2007	
Dr. Vijay Kumar Chaudhary Professor, Department of Biochemistry University of Delhi South Campus, Benito Juarez Road, New Delhi	2009	
Prof. Debi Prasad Sarkar Professor, Department of Biochemistry University of Delhi South Campus New Delhi	2011	

Dr. Amit P. Sharma	2013
Group Leader Structural and Computational Biology	
International Centre for Genetic	
Engineering & Biotechnology, New Delhi	
Dr. Rajesh Sudhir Gokhale Director, CSIR-I GIB Delhi University Campus New Delhi	2015
Dr. Shekhar Mande Director, NCCS Pune	2017
Dr. Alok Dhawan Director, CSIR-IITR Vishvigyan Bhawan,31, M.G. Marg Post Box-80, Lucknow	2019
Dr. Amit Ghosh NASI Honorary Scientist Former Director , IMTECH & School of Biological Sciences Kolkata	2021

Prof. B.K. Bachhawat Memorial Young Scientist **Lecture Awardees** (every alternate year) Dr. Pratima Srivastava 2002 Scientist C Pharmaco Kinetics and Metabolism Division CDRI, Lucknow Dr. Amita Gupta 2004 Department of Biochemistry University of Delhi, South Campus Benito Juarez Road, New Delhi Dr. Amit P. Sharma 2006 Group Leader Structural and Computational Biology Group, Internatioal Centre for Genetic Engineering & Biotechnology New Delhi

Lecture Awardees 461

Dr. (Smt.) Saman Habib Scientist E-I Div. of Molecular & Structural Biology Central Drug Research Institute Lucknow	2008
Dr. Ashish Arora Scientist	2010
CDRI, Lucknow Dr. Mukesh Jain Staff Scientist III NIPGR, New Delhi	2012
Dr. Anindita Ukil Assistant Professor Department of Biochemistry University of Calcutta Kolkata	2014
Dr. Sanjeev Das Staff Scientist V, Molecular Oncology Laboratory Aruna Asif Ali Marg National Institute of Immunology New Delhi	2016
Dr. Swarup Kumar Parida NIPGR, New Delhi	2018
Dr. Timir Tripathi Asst. Prof. (Selection Grade) Dept. of Biochemistry North-Eastern Hill university, Shillong	2020
Dr. Pranjal Chandra Assistant Professor & Ramanujan Fellow School of Biochemical Engineering, Indian Institute of Technology (BHU) Varanasi-221005	2022

Prof. U.S. Srivastava Memorial Lecture Awardees (every alternate year)	
Dr. V.P. Sharma Formerly Addl. Director General (ICMR) & Director, MRC, New Delhi	2003

Prof. R. Gadagkar	2005
Centre for Ecological Sciences	2000
Indian Institute of Science	
Bangalore	
Prof. K. Muralidhar	2007
Professor & Head	
Department of Zoology	
University of Delhi, Delhi	
Prof. K.S. Rai	2009
Formerly Professor & Director	2009
Vector Biology/Parasitology Training	
Programme, 2, Jaswant Singh Rai Nagar	
Salempur Musalmana	
P.O. Randhawa Masandan, Jalandhar (Punjab)	
Prof. K. Venkataraman	2011
Director	
Zoological Survey of India	
Kolkata	
Prof. U.C. Srivastava	2013
Department of Zoology	2013
University of Allahabad,	
Allahabad	
7.11.41.42.43	
Dr. Shashi Bala Singh	2015
Director	
Defence Institute of Physiology and	
Allied Science, Ministry of Defence	
Lucknow Road, Timarpur, Delhi	
Prof. Kasturi Datta	2017
JNU	2017
New Delhi	
New Delli	
Dr. Subeer S. Majumdar	2019
Director, National Institute of Animal Biotechnology	
Gopanpally, Hyderabad	
Prof. Gyan Chandra Mishra	2021
NASI Platinum Jubilee Chair Distinguished Professor	
Former Director, NCCS, Pune	

Lecture Awardees 463

Professor Shri Ranjan Memorial Lecture Awardees (every alternate year)		
Dr. L.M.S. Palni Sr. Scientific Advisor-Biotechnology & Project Director State Biotechnology Programme U.S. Nagar, Uttaranchal	2004	
Prof. Jitendra Pal Khurana Coordinator (UGC-SAP) Dept. of Plant Molecular Biology University of Delhi South Campus New Delhi	2006	
Dr. Sunil Kumar Mukherjee Associate Scientist Plant Molecular Biology Group International Centre for Genetic Engineering & Biotechnology New Delhi	2008	
Prof. Deepak Pental Vice-Chancellor University of Delhi, New Delhi	2010	
Prof. Akhilesh K. Tyagi Director, NIPGR, New Delhi	2012	
Prof. Paramjit Khurana Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi	2014	
Prof. Madhoolika Agrawal Dept. of Botany Banaras Hindu University, Varanasi	2016	
Prof. L.C. Rai BHU Distinguished Professor, BHU, Varanasi	2018	
Dr. Sanjay Kumar Director, CSIR-Institute of Himalayan Bioresources Technology Palampur	2020	
Prof. Girdhar K. Pandey Professor, Dept. of Plant Molecular Biology University of Delhi South Campus Benito Juarez Road Dhaula Kuan, New Delhi-110021	2022	

Award Lecture in the field of Toxicology (every alternate year)	
Dr. P.S. Chauhan Formerly Head, Cell Biology Division Emeritus Medical Scientist (ICMR) Biosciences Group Bhabha Atomic Research Centre Trombay, Mumbai - 400005	2004
Prof. P.K. Seth C.E.O. Biotech Park Sector G, Jankipuram, Kursi Road, Lucknow	2006
Prof. Alok Dhawan Scientist EII Development Toxicology Division Industrial Toxicology Research Centre Lucknow	2008
Dr. Devendra Parmar Scientist F & Head Developmental Toxicology Division Indian Institute of Toxicology Research Lucknow	2010
Prof. Nikhil Tandon Endocrinology & Metabolism Dept. AIIMS, New Delhi	2012
Prof. K.C. Gupta Director, ITRC, Lucknow	2014
Dr. Pramod Garg Professor Dept. of Gastroenterology All India Institute of Medical Sciences New Delhi	2016
Dr. Aditya Bhushan Pant Principal Scientist CSIR-IITR, Lucknow	2018
Dr. Mukul Das Advisor, Shriram Inst. of Industrial Research 19 University Road, Delhi	2020
Dr. Ashok Kumar Giri INSA Senior Scientist CSIR-Indian Institute of Chemical Biology 4 Raja S.C. Mullick Road, Jadavpur, Kolkata-700032	2022

Lecture Awardees 465

Prof. Krishnaji Memorial Lecture Awardees (every alternate year)	
Prof. M.G.K. Menon K-5 (Rear), Hauz Khas New Delhi	2006
Prof. Suresh Chandra NASI-Senior Scientist Platinum Jubilee Fellow Physics Department Banaras Hindu University, Varanasi	2008
Prof. S.K. Joshi NASI Platinum Jubilee Chair National Physical Laboratory, N.Delhi	2010
Prof. M. Vijayan Molecular Biophysics Unit Indian Institute of Science, Bangalore	2012
Prof. Govind Swarup Formerly INSA Honorary Scientist & Director, NCRA/GMRT Pune	2014
Dr. Krishnaswamy Kasturirangan Honorary Distinguished Advisor ISRO	2016
Prof. H.S. Mani Adjunct Professor, Chennai Mathematical Institute Chennai	2018
Prof. Jayant Narlikar Emeritus Professor, Inter-University Centre for Astronomy and Astrophysics, Pune University Campus, Pune	2020
Dr. Ashok Jhunjhunwala President of IITM Research Park IITM Incubation Cell & IIT Madras Rural Technology & Business Incubator (RTBI)	2022

Award Lecture in the field of Biodiversity (every alternate year)	
Prof. L.M.S. Palni Senior Scientific Adviser Biotechnology & Project Director State Biotechnology Programme, Biotech Bhavan, P.O. Haldi, Pant Nagar Distt. U.S. Nagar, Uttaranchal	2007
Prof. J.S. Singh NASI-Senior Scientist Platinum Jubilee Fellow, CAS in Botany Banaras Hindu University, Varanasi	2009
Prof. C.R. Babu Professor Emeritus Centre for Environmental Management of Degraded Ecosystem School of Environmental Studies Delhi University, Delhi	2011
Prof. Pramod Tandon Centre for Advanced Studies Department of Botany North-Eastern Hill University, Shillong	2013
Prof. C.S. Nautiyal Director, CSIR-NBRI Rana Pratap Marg Lucknow	2015
Dr. Anil K. Tripathi Director, CIMAP Lucknow	2017
Prof. S.K. Barik Director-CSIR, NBRI Rana Pratap Marg, Lucknow	2019
Dr. Arun Kumar Pandey Vice Chancellor, Mansarovar Global University, Sehore, Kolar Road, Bhopal	2021

Lecture Awardees 467

Dr. Mridula Kamboj Memorial Lecture Awardees (every alternate year)	
Dr. M.V. Padma Srivastava Professor of Neurology CN Centre All India Institute of Medical Sciences Ansari Nagar, New Delhi	2016
Dr. Smita Dilip Mahale Scientist G and Director ICMR-National Institute for Research in Reproductive Health, Mumbai	2018
Dr. Shally Awasthi Professor and Head, Dept. of Pediatrics, KGMC, Lucknow	2020
Dr. Manjari Tripathi Professor and Unit Head Department of Neurology, AIIMS Room No. 705, 7th Floor Ansari Nagar, New Delhi -110029	2022

NASI-Buti Foundation Lecture Awardee (every alternate year)	
Dr. Pratibha Jolly Principal Miranda House Delhi	2017
Dr. Manju Bansal INSA Senior Scientist, Molecular Biophysics Unit Indian Institute of Science, Bengaluru	2019
Prof. AnnapurniSubramaniam Director and Senior Professor, Indian Institute of Astrophysics, Bangalore	2021

Professor R.N. Tandon's 90th Birthday Lecture Awardee Dr. C.R. Bhatia Secretary to Govt. of India Department of Biotechnology New Delhi

PROF. MEGHNAD SAHA PLATINUM JUBILEE LIFETIME HONORARY FELLOWSHIP FOR OUTSTANDING CONTRIBUTIONS TO THE GROWTH OF THE ACADEMY

Prof. M.G.K. Menon

2006

Past President, NASI K-5 (Rear), Hauz Khas, New Delhi- 110016

NASI PRESIDENT'S PLATINUM JUBILEE GOLD MEDAL FOR OUTSTANDING CONTRIBUTIONS TO THE GROWTH OF THE ACADEMY

Prof. P.N. Tandon

2006

Past President, NASI 1, Jagriti Enclave Vikas Marg New Delhi

Prof. (Mrs.) Manju Sharma

2006

Past President, NASI C5/10 (GF), Vasant Kunj New Delhi-110070

NASI-SENIOR SCIENTIST PLATINUM JUBILEE FELLOWS

- 1. Late Prof. Suresh Chandra, Varanasi. (w.e.f. 1.1.2008 term completed)
- 2. Late Prof. S.P. Vij, Chandigarh. (w.e.f. 1.1.2008 term completed)
- 3. **Prof. J.S. Singh,** Varanasi. (w.e.f. 1.1.2009 term completed)
- 4. **Prof. Dharma Pal Agrawal,** Almora. (w.e.f. 1.1.2009 term completed)
- 5. **Dr. V.R. Choudhary,** Pune. (w.e.f. 1.1.2009 term completed)
- 6. Dr. K.V.B.R. Tilak, Hyderabad. (w.e.f. 1.1.2009 term completed)
- 7. **Prof. B.N. Mandal**, Kolkata. (w.e.f. 19.1.2009 term completed)
- 8. **Dr. Uppeandra Dhar,** Faridabad. (w.e.f. 31.1.2009 term completed)
- 9. **Prof. Som Nath Raina**, New Delhi. (w.e.f. 22.6.2009 term completed)
- 10. Prof. Partha (Sarathy) Ghose, Kolkata. (w.e.f. 1.1.2010 term completed)
- 11. Late Dr. Ram Kumar Varma, Ahmedabad. (w.e.f. 1.1.2010 term completed)
- 12. **Dr. Amit Ghosh,** Kolkata. (w.e.f. 1.1.2010 term completed)
- 13. **Prof. Pushpendra K. Gupta, Meerut.** (w.e.f. 1.1.2010 term completed)
- 14. **Prof. Krishna Misra**, Allahabad. (w.e.f. 1.5.2010 term completed)
- 15. **Prof. D.Joseph Bagyaraj,** Bangalore. (w.e.f. 1.1.2011 term completed)
- 16. Prof. Bishnu Pada Chatterjee, Kolkata. (w.e.f. 1.1.2011 term completed)
- 17. Prof. Aloknath Chakrabarti, Bangalore. (w.e.f. 1.1.2011 term completed)
- 18. **Prof. K.A. Natarajan,** Bangalore. (w.e.f. 3.1.2011 term completed)
- 19. Prof. Shelley Bhattacharya, Santiniketan. (w.e.f. 2.6.2011 term completed)
- 20. Prof. Anil Kumar, Bangalore. (w.e.f. 1.1.2012 term completed)
- 21. **Dr. E.A. Siddig**, Hyderabad. (w.e.f. 1.1.2012 term completed)
- 22. Prof. Amitabha Ghosh, Howrah. (w.e.f. 2.1.2012 term completed)
- 23. **Prof. Phoolan Prasad**, Bangalore. (w.e.f. 3.1.2012 term completed)
- 24. Dr. S.K. Mukherjee, New Delhi. (w.e.f. 1.2.2012 term completed)
- 25. Prof. Anil K. Bhatnagar, Hyderabad. (w.e.f. 17.12.12 term completed)
- 26. **Prof. Satya Deo**, Allahabad. (w.e.f. 1.1.2013 term completed)
- 27. Prof. Prahlad Chandra Agrawal, Mumbai. (w.e.f. 1.1.2013 term completed)
- 28. **Prof. Aloke Dey**, New Delhi. (w.e.f. 1.1.2013 term completed)
- 29. **Prof. C. Manoharachary**, Hyderabad. (w.e.f. 1.1.2013 term completed)
- 30. **Prof. Samir Bhattacharya**, Santiniketan. (w.e.f. 1.1.2013 Resigned)
- 31. Prof. B.N. Johri, Bhopal. (w.e.f. 1.3.2013 term completed)
- 32. Prof. Gurbax S. Lakhina, Navi Mumbai. (w.e.f. 3.4.2013 term completed)
- 33. **Prof. Gopal Krishna,** Pune. (w.e.f. 1.5.2013 term completed)
- 34. **Prof. R. Sridharan,** Thiruvananthapuram. (w.e.f. 26.6.2013 term completed)
- 35. **Prof. Gyan Chandra Mishra**, Pune. (w.e.f. 4.9.2013 term completed)
- 36. Prof. Sujit Kumar Bhattacharya, New Delhi. (w.e.f. 1.8.2013 Resigned)
- 37. Late Prof. Naresh Chandra, Meerut. (w.e.f. 16.10.2015 March 2017)
- 38. Prof. Muthusamy Lakshmanan, Tiruchirapalli (w.e.f. 25.3.2016 Resigned)
- 39. Late Prof. Parimal C. Sen, Kolkata. (w.e.f. 1.9.2016 February 24, 2018)
- 40. Late Prof. Y.P.S. Pangtey, Nainital. (w.e.f. 1.2.2014 Nov. 2018)
- 41. Prof. S. Ranganathan, Bangalore. (w.e.f. 1.1.2014 term completed)
- 42. Prof. Ravinder K. Manchanda, Mumbai. (w.e.f. 1.1.2014 term completed)
- 43. **Prof. Phool Chand Mishra**, Varanasi. (w.e.f. 1.5.2014 term completed)
- 44. **Prof. Kasturi Datta,** New Delhi. (w.e.f. 3.6.2014 term completed)
- 45. Dr. Ram Sagar, Bangalore. (w.e.f. 18.9.2014 term completed)
- 46. **Prof. M. Udayakumar**, Bangalore. (w.e.f. 1.10.2014 term completed)
- 47. **Prof. J. Gopalakrishnan,** Bangalore. (w.e.f. 8.1.2015 term completed)
- 48. **Dr. Pijush K. Das,** Kolkata. (w.e.f. 1.1.2015 term completed)
- 49. Dr. Subhash Chandra Lakhotia, Varanasi (w.e.f. 12.1.2019 -- 31.3.2019)
- 50. **Prof. P.S. Roy,** Hyderabad. (w.e.f. 5.10.2015 term completed)

51. **Prof. S. Vishveshwara.** Bangalore. (w.e.f. 6.11.2015 – term completed) 52. **Prof. Ashwani Kumar Rai,** Varanasi. (w.e.f. 1.12.2015 – term completed) 53. Dr. Ramakrishnan Nagaraj, Hyderabad. (w.e.f. 25.1.2016 – term completed) 54. **Dr. Kanak Lata Dikshit**, Chandigarh. (w.e.f. 4.1.2016 – term completed) 55. **Prof. Veena Tandon,** Lucknow. (w.e.f. 1.1.2016 – term completed) 56. Prof. G. Padmanaban, Bangalore. (w.e.f. 10.2.2016 – term completed) 57. **Prof. K. Thomas Jacob**, Bangalore. (w.e.f. 1.2.2016 – term completed) 58. **Prof. K.N. Pathak**, Chandigarh. (w.e.f. 1.1.2016 – term completed) 59. **Dr. P.K. Seth**, Lucknow. (w.e.f. 09.11.2016 – term completed) 60. Prof. Hemant K Majumder, Kolkata. (w.e.f. 27.2.2017– term completed) 61. Dr. Suchitra Baneriee, Lucknow. (w.e.f. 1.2.2017- term completed) 62. Prof. N.K. Lohiya, Jaipur. (w.e.f. 1.1.2017– term completed) 63. Dr. Krishna Pal Singh, Allahabad. (w.e.f. 31.1.2017- term completed) 64. Prof. Girjesh Govil, Mumbai. (w.e.f. 10.4.2017- Died) 65. Prof. S.V. Bhat, Bangalore. (w.e.f. 2.1.2017– term completed) 66. **Prof. A.C. Kunwar**, Hyderabad. (w.e.f. 2.1.2017– term completed) 67. Prof. O.N. Srivastava, Varanasi (w.e.f. 1.3.2019 - Died) 68. Prof. Rabin Banerjee, Kolkata (w.e.f. 6.1.2021 - resigned) Selected for the Year 2018 Prof. Sumita Jha, Kolkata. (w.e.f. 3.1.2018) Prof. Sanjeev V. Dhurandhar, Pune. (w.e.f. 17.1.2018) Prof. M. Vijayan, Bangalore. (w.e.f. 1.2.2018) Prof. B.L.S. Prakasa Rao, Hyderabad. (Not joined) Selected for the Year 2019 Dr. Rup Lal, Delhi (w.e.f. 22.7.2019) 5. **Dr. Java Sivaswami Tyaqi,** New Delhi (w.e.f. 12.6.2019 – term completed) Dr. Khareedu Venkateswara Rao, Hyderabad (w.e.f. 1.1.2019) **Dr. Dipankar Home,** Kolkata (w.e.f. 1.1.2019) Dr. Ushadevi Narendra Bhosle, Mumbai (Not joined) Dr. Anil Kumar, Roorkee (Not joined) Selected for the Year 2020 Dr. Mythily Ramaswamy, Bangalore (w.e.f. 20.3.2020) Dr. Anand P Pathak, Hyderabad (w.e.f. 31.1.2020) 10. **Dr. R.K. Shyamsundar**, Mumbai (w.e.f. 1.7.2020) 11. Dr. Harsh Kumar Gupta, Hyderabad (w.e.f. 11.3.2020) 12. **Dr. Chinmay Kumar Panda**, Kolkata (w.e.f. 3.3.2020) 13. **Dr. H.S. Savithri**, Bangalore (w.e.f. 1.1.2020) 14. Dr. L.C. Rai, Varanasi (w.e.f. 1.1.2020) 15. **Dr. P.B. Kirti**, Hyderabad (w.e.f. 10.1.2020) Dr. Somnath Dasgupta, Mohanpur (Not joined) Dr. Gopal C. Kundu, Pune (Not joined) Dr. Shrirang Ramchandra Yadav, Kolhapur (Not joined) Selected for the Year 2021 16. **Prof. Vijay Kumar Chaudhary**, New Delhi (w.e.f. 1.1.2021) 17. **Dr. Desirazu Narasimha Rao**, Bangalore (w.e.f. 4.1.2021) 18. Prof. Gaurisankar Sa, Kolkata (w.e.f. 4.1.2021) 19. Dr. Rudra DeoTripathi, Lucknow (w.e.f. 4.1.2021) 20. **Prof. Ajay Kumar**, Delhi (w.e.f. 1.1.2021) 21. **Prof. Shyam Sundar Rai**, Pune (w.e.f. 14.1.2021) 22. Prof. L.M. Patnaik, Bangalore (w.e.f. 6.1.2021) Dr. Pradeep Das, Patna (Not joined) Dr. Ch. Mohan Rao, Hyderabad (Not joined) Prof. Mohammad Sami, Changa, Gujarat (Not joined)

Prof. Kuldip Kumar Bhasin, Chandigarh (Not joined)

Selected for the Year 2022

- 23. Prof. G.C. Anupama, Bengaluru
- 24. **Prof. Deepak Dhar**, Pune (w.e.f. 3.1.2022)
- 25. **Prof. Santosh K. Gupta, Kanpur** (w.e.f. 16.12.2021)
- 26. Prof. Madhu Raka, Chandigarh (w.e.f. 16.12.2021)
- 27. Prof. Benjaram M. Reddy, Hyderabad
- 28. Prof. Mahendra Singh Sodha, Lucknow
- 29. Prof. Janendra K. Batra, New Delhi
- 30. Prof. M.K. Thakur, Varanasi
- 31. Prof. Yogendra Singh, New Delhi
- 32. Dr. Ashok K. Giri, Kolkata (w.e.f. 1.7.2022)
- 33. Prof. Pinakpani Chakrabarti, Kolkata

NASI-HONORARY SCIENTIST

- 1. **Prof. Ashok Misra,** Bangalore. (w.e.f. 1.3.2017 16.10.2017)
- 2. Prof. Aloknath Chakrabarti, Bangalore. (w.e.f. 1.1.2016 term completed)
- 3. **Prof. Krishna Misra**, Allahabad. (w.e.f. 1.5.2015 term completed)
- 4. **Prof. Sumit Kumar Ray,** Kolkata. (w.e.f. 1.4.2015 term completed)
- 5. **Prof. Parthasarathy Ghose,** Kolkata. (w.e.f. 1.4.2015 term completed)
- 1. **Prof. Kootalai A.I. Natarajan,** Bangalore. (w.e.f. 23.3.2016 term completed)
- 2. Prof. Shelley Bhattacharya, Santiniketan. (w.e.f. 2.6.2016 term completed)
- 3. Prof. Anil Kumar, Bangalore. (w.e.f. 2.1.2017)
- 4. Dr. V.P. Kamboj, Lucknow (w.e.f. 7.3.2017)
- 5. **Prof. Satya Deo**, Allahabad (w.e.f. 1.1.2018 term completed)
- 6. **Prof. V.A. Bapat,** Kolhapur (w.e.f. 1.9.2017 term completed)
- 7. Prof. C. Manoharachary, Hyderabad. (w.e.f. 19.3.2018)
- 8. **Dr. R. Sridharan**, Ahmedabad. (w.e.f. 29.10.2018)
- 9. **Prof. B.N. Johri,** Bhopal (w.e.f. 17.5.2018)

Joined in 2019

- 10. Prof. Asis Datta, New Delhi
- 11. Prof. Anil K. Bhatnagar, Hyderabad (w.e.f. 24.12.2019)
- 12. **Dr. D.J. Bagyaraj**, Bangalore (w.e.f. 1.1.2020)
- 13. Prof. Kasturi Datta, New Delhi (w.e.f. 5.11.2019)

Joined in 2020

- 14. **Prof. Amitabha Ghosh**, Howrah (w.e.f. 1.3.2020)
- Dr. Vijay K. Chaudhary, New Delhi (w.e.f. 1.9.2020 Joined NASI Senior Scientist)
- 16. Prof. Ram Sagar, Bangalore (w.e.f. 3.2.2020)
- 17. **Prof. J.S. Singh**, Varanasi (w.e.f. 1.4.2020)
- 18. Prof. Saraswathi Vishveshwara, Bangalore (w.e.f. 6.11.2020)

Joined in 2021

- 19. Prof. G. Padmanaban, Bangalore (w.e.f. 10.2.2021)
- 20. **Prof. P.N. Tandon**, New Delhi (w.e.f. 23.2.2021)
- 21. Prof. K.N. Pathak, Chandigarh (w.e.f. 1.1.2021)
- 22. Prof. Pramod Tandon, Lucknow (w.e.f. 1.1.2021)
- 23. **Prof. Amit Ghosh**, Kolkata (w.e.f. 1.6.2021)
- 24. Prof. Indrani Boase, Kolkata (w.e.f. 1.10.2021)

Joined in 2022

- 25. Prof. Bishnu Pada Chatterjee, Kolkata (w.e.f. 4.1.2022)
- 26. Prof. Maniu Sharma. New Delhi (w.e.f. 1.3.2022)
- 27. Prof. P.K. Seth, Lucknow (w.e.f. 12.6.2022)

NASI-RELIANCE INDUSTRIES PLATINUM JUBILEE AWARDS FOR APPLICATION ORIENTED INNOVATIONS COVERING BOTH PHYSICAL AND BIOLOGICAL SCIENCES

Physical Sciences

- Dr. Mihir Kumar Purkait, Professor Chair, National Jal Jeevan 2022 Mission (NJJM) Govt. of India, Department of Chemical Engineering, Indian Institute of Technology Guwahati- 781039
- **Prof. Jayant Kumar Singh**, Professor and Head, Department of Sustainable Energy Engineering, Indian Institute of Technology 2022 Kanpur, Kanpur- 208016
- 2021 Prof. Suman Chakraborty, Professor, Department of Mechanical Engineering, Indian Institute of Technology Kharagpur, Kharagpur Dr. Ch. Raji Reddy, Senior Principal Scientist, Department of
- 2020 Organic Synthesis & Process Chemistry, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad-500 007
- **Dr. Samir Kumar Pal**, Senior Professor, Department of Chemical Biology & Macromolecular Sciences, S.N. Bose National Centre for Basic Sciences, J.D. Block, Sector III, Salt Lake, Kolkata-700 106 2020
- 2019 Prof. Shantanu Bhattacharya, Professor, NL115X, Manufacturing Science Lab, Department of Mechanical Engineering, Indian Institute of Technology Kanpur, Kanpur-208 016
- Mishra, Professor, Department of Sukumar 2019 Prof. Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110 016
- 2019 Prof. Raja **Shunmugam,** Professor, Department of Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur, Nadia - 741 246 (WB)
- 2018 Prof. Navakanta Bhat, Professor, CeNSE, IISc Banglore, E-35, IISc Campus, Bangalore-560012
- 2018 Prof. Rohit Srivastava, Professor, Room No. 505, Department of Biosciences and Bioengineering, Indian Institute of Technology Bombay, Powai, Mumbai- 400076
- **Prof. Pralay Maiti,** Professor, School of Material Science & Technology, Indian Institute of Technology (BHU), Varanasi 2018 221005
- 2017 Dr. Debendra Kumar Mohapatra, Principal Scientist, Natural Products Chemistry Division, CSIR-Indian Institute of Chemical Technology, Hyderabad **Prof. Anil Kumar**, Professor, Department of Chemistry, Indian
- 2017
- Institute of Technology Bombay, Powai, Mumbai 400 076 **Dr. Ashwin Gumaste,** Associate Professor, Department of 2016 Computer Science and Engineering, Indian Institute of Technology Bombay, Powai, Mumbai.
- 2016 Prof. Subhananda Chakrabarti, Professor, Department of Electrical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai.
- 2015 Prof. Manindra Agrawal, N Rama Rao Chair Professor, Department of Computer Science and Engineering, Indian Institute of Technology Kanpur, Kanpur – 208 016

- 2015 Dr. D. Srinivasa Reddy, Senior Scientist, Division of Organic Chemistry, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune – 411 008
- **2014 Prof. V. Ramgopal Rao,** Institute Chair Professor, Department of Electrical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076.
- 2014 Dr. B.V. Subba Reddy, Senior Principal Scientist, Natural Product Chemistry, Indian Institute of Chemical Technology, Uppal Road, Hyderabad – 500007.
- 2013 Dr. S. Sridhar, Principal Scientist & Project Leader, Membrane Separation Group, Chemical Engineering Division, Indian Institute of Chemical Technology, Hyderabad–500 007.
- **2013 Dr. Sirshendu De,** Professor, Department of Chemical Engineering, Chemical Engineering Division, Indian Institute of Technology, Kharagpur 721 302.
- **2012 Prof.** Abhay Karandikar, Head, Department of Electrical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai– 400076.
- 2012 Prof. Avinash Kumar Agarwal, Department of Mechanical Engineering, Indian Institute of Technology Kanpur, Kanpur– 208016.
- **2011 Prof. Subhasis Chaudhuri,** Professor, Department of Electrical Engineering, IIT Bombay, Powai, Mumbai-400076
- 2010 Prof. J.R. Bellare, Professor, Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai.
- **2010 Dr. Sudhir Kumar Nema,** Scientist SE, FCIPT, Institute of Plasma Research, Near Indira Bridge, Bhat, Gandhinagar.
- 2009 Sri Surinder Singh, Head, Advance Technique Development Division & Associate Project Director, INSAT-4G/GSAT-8 ATDD / ATPG / SPSA, Bldg. No. 51, Room No. 27, Space Application Centre, ISRO, Ahmedabad 380015
- **2009 Dr. Tinku Acharya,** Director, Invention Development, Intellectual Ventures, # 701, Raheja Paramount, 138 Residency Road, Bangalore-560025
- **Dr. K.S.M.S. Raghavarao**, Head, Department of Food Engineering, Central Food Technological Research Institute, Mysore 570020.
- **2008 Dr. S. Chandrasekhar,** Scientist F, Organic Chemistry Division-I, Indian Institute of Chemical Technology, Hyderabad 500007.
- **2007 Prof. Bimal Kumar Roy,** Dean of Studies, Indian Statistical Institute, 203, B.T. Road, Kolkata 700108
- **2007** Dr. G.V. Madhava Sharma, Scientist F (Deputy Director), D-211, Discovery Laboratory, Org.Chem.Div.III, Indian Institute of Chemical Technology, Hyderabad 500007
- 2006 Dr. Tushar Kanti Chakraborty, Scientist F, Deputy Director & Head, Organic Division - III, Indian Institute of Chemical Technology, Hyderabad.

Biological Sciences

- 2022 Dr. Jagadis Gupta Kapuganti, Staff Scientist V, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067
- 2022 Dr. Bhavuk Garg, Additional Professor, Department of Orthopedics, ALL India Institute of Medical Sciences, New Delhi - 110029

Dr. R.K. Ravikumar, Scientist E, National Innovation Foundation – India, Autonomous Body of Department of Science and Technology, Govt. of India, Amrapur, Mahudi Road, Gandhinagar– 382650

- **Dr. Suphiya Khan,** Associate Professor, Department of Bioscience & Biotechnology, Centre for Excellence for Water and Energy Banasthali Vidyapeeth,Tonk, Rajasthan
- **Dr. Soma Chattopadhyay,** Scientist-E, Institute of Life Sciences, Nalco Square, Bhubaneswar, Orissa 751023.
- 2021 Dr. Jitendra Kumar Thakur, Staff Scientist V, National Institute of Plant Genome Research, New Delhi
- 2020 Dr. Ritu Trivedi, Principal Scientist, CSIR-Central Drug Research Institute, Sec-10, Janki Puram Extension, Sitapur Road, Lucknow-226 031
- 2020 Dr. Shaon Ray Chaudhuri, Associate Professor, Department of Microbiology, Tripura University, Suryamaninagar, Tripura West-799 022
- 2020 Dr. Sudesh Kumar Yadav, Scientist F, Center of Innovative and Applied Bioprocessing (CIAB), Sec-81, SAS Nagar, Mohali-140 306
- Dr. Samir K. Maji, Associate Professor, Department of Biosciecne & Bioengineering, IIT Bombay, Powai, Mumbai 400 076
 Dr. Swarup K. Parida, Staff Scientist IV, Lab No-109, National
- **Dr. Swarup K. Parida**, Staff Scientist IV, Lab No-109, National Institute of Plant Genome & Research (NIPGR), Aruna Asaf Ali Marg, P.O. Box No: 10531, New Delhi- 110 067
- 2019 Dr. Atul Goel, Senior Principal Scientist, CSIR-Central Drug Research Institute, Sector-10, Jankipuram Extn., Sitapur Road, Lucknow-226 031
- **Dr. C. Anandharama Krishnan,** Director, Indian Institute of Crop Processing Technology, Pudhukottai Road, Thanjavur 613005
- **2018 Prof. Nandini Chatterjee Singh**, Professor, National Brain Research Centre, NH-8, Manesar, Gurugram 122051
- 2018 Dr. Pulok Kumar Mukherjee, Head, Department of Pharmaceutical Technology & Director, School of Natural Product Studies, Jadavpur University, 188, Raja S.C. Mullick Road, Kolkata – 700 032
- **Dr. Debasis Chattopadhyay,** Scientist V, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110 067
- 2017 Dr. Inshad Ali Khan, Principal Scientist, Clinical Microbiology Division, CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu – 180 001
- **2016 Dr. Ashwani Pareek,** Professor, 401, School of Life Sciences, Jawaharlal Nehru University, New Delhi.
- 2016 Prof. Ashish Suri, Professor, Department of Neurosurgery, All India Institute of Medical Sciences, New Delhi.
- **Dr. Sathees C. Raghavan,** Associate Professor, Department of Biochemistry, Indian Institute of Science, Bangalore 560 012
- 2015 Dr. Dipshikha Chakravortty, Associate Professor, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore– 560 012
- **Dr. Manmohan Parida,** Scientist F, Head, Department of Virology & Bioprocess, Scale-up Facility, Defence R&D Establishment, DRDE, DRDO, Ministry of Defence, Jhansi Road, Gwalior 474002.
- 2014 Prof. Rinti Banerjee, Professor, Department of Biosciences & Bioengineering, Indian Institute of Technology Bombay, Powai, Mumbai – 400076.
- 2013 Dr. Tilak Raj Sharma, Principal Scientist (Biotechnology), National Research Centre on Plant Biotechnology, LBS Centre, Room No. 39, IARI, Pusa Campus, New Delhi – 110 012

- 2013 Dr. Anirban Basu, Scientist V, National Brain Research Center, Manesar, Haryana–122 051
- 2012 Dr. Manika Pal Bhadra, Principal Scientist, Department of Chemical Biology, Indian Institute of Chemical Technology, Uppal Road, Tarnaka, Hyderabad – 500 607
- 2012 Dr. Deepa Ghosh, Group Head (Wound Management and Tissue Engineering), Reliance Life Sciences Pvt. Ltd., DALC, Life Sciences Center, R-282, TTC Area of MIDC, Thane Belapur Road, Rabele, Navi Mumbai – 400 701
- 2011 Prof. Balram Bhargava, Professor/ Senior Consultant, Department of Cardiology, Cardiothoracic Sciences Centre, Executive Director, Stanford India Biodesign Centre, All Indian Institute of Medical Sciences, New Delhi-110029
- 2011 Dr. Subeer S. Majumdar, Staff Scientist-VI, National Institute of Immunology, Aruna Asif Ali Marg, New Delhi-110067
- 2010 Dr. Saumitra Das, Associate Professor, Department of Microbiology & Cell Biology, Sir C.V. Raman Avenue, Indian Institute of Science, Bangalore.
- 2010 Dr. Subhra Chakraborty, Staff Scientist IV, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, P.B. 10531, New Delhi.
- **2009 Dr. Gajendra Pal Singh Raghava,** Scientist F, Head, Bioinformatics Centre, Institute of Microbial Technology, Sector-39A, Chandigarh
- **2009 Dr. Ajay Kumar Parida,** Executive Director, M.S. Swaminathan Research Foundation, III Cross Street, Institutional Area, Taramani, Chennai
- **2008 Prof. Ram Rajasekharan,** Department of Biochemistry, Indian Institute of Science, Bangalore 560012.
- 2008 Prof. Tapas K. Kundu, Transcription & Disease Laboratory, Molecular Biology & Genetics Unit, JNCASR, Jakkur, Bangalore -560064
- 2007 Dr. P.N. Rangarajan, Associate Professor, Dept. of Biochemistry, Indian Institute of Science, Bangalore - 560012
- **2007 Dr. Tirlochan Mohapatra,** Principal Scientist, NRC on Plant Biotechnology, Indian Agricultural Research Institute,New Delhi 110012
- **2006 Dr. Sudhanshu Vrati,** Staff Scientist, Biology Laboratory, National Institute of Immunology, New Delhi
- 2006 Prof. Akhilesh K. Tyagi, Professor & Programme Coordinator (CPMB), Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi

NASI-YOUNG SCIENTIST PLATINUM JUBILEE AWARDS IN THE FIELD OF BIOLOGICAL/PHYSICAL/CHEMICAL SCIENCES

Chemical Sciences

- 2022 Dr. Ambrish Kumar Srivastava, Assistant Professor, Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur -273009
- **Dr. Biswajit Manna**, Scientific Officer(E), Radiation & Photochemistry Division, Chemistry Group, BARC, Trombay, Mumbai 400085
- 2022 Dr. Garima Agrawal, Assistant Professor, School of Basic Sciences, Indian Institute of Technology Mandi, Himachal Pradesh - 175075
- 2022 Dr. Nilanjan Dey, Assistant Professor, Department of Chemistry, Birla Institute of Technology & Science Pilani, Hyderabad Campus, Jawahar Nagar, Kapra Mandal, Medchal District, Telangana- 500 078
- 2022 Dr. Pallavi Singhal, Scientific Officer (E), Environmental Monitoring and Assessment Division, Healthy Safety & Environment Group, Bhabha Atomic Research Center, Mumbai - 400085
- 2021 Dr. Abhishake Mondal, Assistant Professor, Room No-3, Solid State and Structural Chemistry Unit, Indian Institute of Science, Sir C.V. Raman Road. Bengaluru-560012
- 2021 Dr. Aruna Kumar Mora, Scientific Officer E, BARC Radiation & Photochemistry Division, Chemistry Group, BARC Trombay, Mumbai-400085
- **2021 Dr. Ritu Gupta**, Assistant Professor, Department of Chemistry, Indian Institute of Technology Jodhpur, Rajasthan 342037
- 2021 Dr. Achintya Kumar Dutta, Assistant Professor, Department of Chemistry, IIT Bombay, Powai, Mumbai-400076
- 2021 Dr. Sandhya Shenoy U., DST Inspire Faculty Department of Chemistry, College of Engineering and Technology, Srinivas University Mukka, Mangalore -574146
- 2020 Dr. Biplab Maji, Assistant Professor, Department of Chemical Sciences, Indian Institute of Science Education & Research, Kolkata, Mohanpur-741 246
- **2020 Dr. Shobhna Kapoor**, Assistant Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai Mumbai 400 076
- **2020 Dr. Nimai Pathak,** Scientific Officer 'E', Radiochemistry Division, Bhabha Atomic Research Centre, Mumbai- 400 085
- 2020 Dr. Uttam Kumar Ghorai, Assistant Professor & Head, Department of Industrial Chemistry and Applied Chemistry, Ram Krishna Mission Vidyamandira, Belur Math, Howrah-711 202
- **2019 Dr. K. Geetharani**, Assistant Professor, Department of Inorganic and Physical Chemistry, Indian Institute of Science, Banglore- 560 012

- 2019 Dr. Brindaban Modak, Scientific Officer–E, Theoretical Chemistry Division, Chemistry Group, Bhabha Atomic Research Centre, Mumbai-400 085
- 2019 Dr. Murali Banavoth, Assistant Professor, School of Chemistry, University of Hyderabad, Hyderabad Central University P.O., Hyderabad – 500 046
- 2018 Dr. Uttam Manna, Assistant Professor, Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, Kamrup, Assam-781039
- 2018 Dr. Chandra Mouleeswara Rao Volla, Assistant Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai – 400076
- 2018 Dr. Rajib Ghosh, Scientific Officer, Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Tromay, Mumbai – 400085
- 2018 Dr. John Mondal, Scientist, Inorganic & Physical Chemistry Division, CSIR-Indian Institute of Chemical Technology, Taranka, Hyderabad-500007, Telangana
- 2017 Dr. Anshu Pandey, Assistant Professor, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru – 560 012
- 2017 Dr. Md. Mahuiddin Baidya, Assistant Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai – 600 036
- 2017 Dr. Prabhat Kumar Singh, Scientific Officer E, Radiation & Photochemistry Division Chemistry Group, Bhabha Atomic Research Centre, Trombay, Mumbai 400 085
- 2017 Dr. R.S. Swathi, Assistant Professor, School of Chemistry, Indian Institute of Science Education and Research (IISER), Computer Science Building, CET Campus, Thiruvananthapuram – 695 016
- 2016 Dr. Pazhamalai Anbarasan, M.Sc., Ph.D., Assistant Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai – 600 036
- 2016 Dr. Ram Awatar Maurya, M.Sc., Ph.D., Scientist, Division of Medicinal Chemistry , CSIR-North East Institute of Science and Technology, Jorhat – 785 006
- 2016 Dr. Bhahwal Ali Shah, M.S., Ph.D., Scientist, Natural Product Chemistry (Microbes) Division, CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu – 180 001
- 2016 Dr. Prabeer Barpanda, M.S., Ph.D., Assistant Professor, Materials Research Center, Faraday Materials Laboratory, Room 203, Indian Institute of Science, Bangalore – 560 012
- 2015 Dr. Bharate Sandip Bibishan, M.S., Ph.D., Senior Scientist, Medicinal Chemistry Division, CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu – 180 001
- 2015 Dr. Santanu Kumar Pal, M.Sc., Ph.D., Assistant Professor, Indian Institute of Science Education and Research Mohali, Sector 81, S.A.S. Nagar, Manauli, Mohali 140 306
- 2015 Dr. Kanishka Biswas, M.Sc., Ph.D., Faculty Fellow, New Chemistry Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur P.O., Bangalore – 560 064

2014 Dr. Angshuman Nag, M.Sc., Ph.D., Ramanujan Fellow, Department of Chemistry, Indian Institute of Science Education and Research, 900, NCL Innovation Park, Dr. Homi Bhabha Road, Pashan, Pune – 411008

- 2014 Dr. Bikash Kumar Jena, M.Sc., Ph.D., Scientist, Colloids and Materials Chemistry Department, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar – 751013
- 2014 Dr. Rajneesh Misra, M.Sc., Ph.D., Assistant Professor, Department of Chemistry, Indian Institute of Technology Indore, M-Block, IET Campus (DAVV), Khandwa Road, Indore – 452017
- 2013 Dr. Debabrata Maiti, M.Sc., Ph.D., Assistant Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai- 400 076
- 2013 Dr. Santanu Mukherjee, M.Sc., Ph.D., Assistant Professor, Department of Organic Chemistry, Indian Institute of Science, Bangalore – 560012
- 2012 Dr. Sujit Kumar Ghosh, Assistant Professor, Department of Chemistry, Indian Institute of Science Education and Research, Mendeleev Block, Dr. Homi Bhabha Road, Pune – 411 008
- 2012 Dr. Surya Prakash Singh, Scientist, Inorganic & Physical Chemistry Division, Indian Institute of Chemical Technology, Tarnaka, Uppal Road, Hyderabad – 500 607
- **2011 Dr. Rahul Banerjee,** M.Sc., Ph.D., PDF, Scientist C, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune 411008
- 2010 Dr. Deepa Melepurath, M.Sc., Ph.D., Assistant Professor, Department of Chemistry, Indian Institute of Technology Hyderabad, Ordnance Factory Estate, Yeddumailaram
- 2009 Dr. Sharmistha Dutta Choudhury, Scientific Officer D, Radiation & Photochemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085
- 2008 Dr. Raghavan B. Sunoj, Associate Professor, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai – 400 076
- 2007 Dr. Manoj Kumbhakar, Scientific Officer D, Radiation and Photochemistry Division, Chemistry Group, Mod. Lab., Bhabha Atomic Research Centre, Trombay, Mumbai- 400 085
- 2007 Dr. (Ms.) Suman Lata Jain, Research Associate, Process Engineering, Applied Chemistry and Biotechnology Division (PEACBD), Indian Institute of Petroleum, Dehradun 248 005
- 2006 Dr. M. Jayakannan, Scientist C, Specialty Polymers, Chemical Sciences and Technology Division, Regional Research Laboratory, Thiruvananthapuram

Physical Sciences

- 2022 Dr. Neeldhara Mishra, Associate Professor, AB 4/305, IIT Gandhinagar, Palaj, Near GIFT City Gandhinagar, Gujarat- 382355
- 2022 Dr. Dipanshu Bansal, Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology Bombay, Mumbai- 400 076

- 2022 Dr. Jason Ryan Picardo, Assistant Professor (Grade -1), CL 224, Department of Chemical Engineering, Indian Institute of Technology Bombay, Mumbai- 400076
- 2022 Dr. Manabendra Saharia, Assistant Professor, V-224, Department of Civil Engineering, Hauz Khas, IIT Delhi, New Delhi – 110016
- 2022 Dr. Prosenjit Das, Assistant Professor, Department of Material Science, Division of Mechanical Sciences, Indian Institute of Science, Bangalore -560012
- 2022 Dr. Ankit Jain, Assistant Professor, F-32, Mechanical Engineering Department, Indian Institute of Technology, Bombay, Powai, Mumbai-400076
- 2022 Dr. Amiya Kumar Samal, Assistant Professor, Department of Geology, Banaras Hindu University, Varanasi-221005
- 2022 Dr. Prayush Kumar, Reader, International Centre for Theoretical Sciences, Tata Institute of Fundamental Research, Survey No.- 151, Shivakote, Hesaraghatta Hobli, Bengaluru- 560089
- 2022 Dr. Suvendu Rakshit, Scientist C, Aryabhatta Research Institute of Observational Sciences, Nainital - 263002
- 2022 Dr. Wageesh Mishra, Assistant Professor, Office No. 418, Indian Institute of Astrophysics, Koramangala, II block, Bengaluru- 560034
- 2021 Dr. N.M. Anoop Krishnan, Assistant Professor, Department of Civil Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016
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- 2012 Dr. Amit Awasthi, Assistant Professor, Translational Health Science Technology Institute (THSTI), Plot No. 496, Phase – III, Udyog Vihar, Gurgaon – 122 016;
- 2012 Dr. Arun Kumar Trivedi, Scientist C, Drug Target Discovery and Development Division, New Building Campus, CSIR-Central Drug Research Institute, Chattar Manzil, PB No. 173, Lucknow – 226 001;
- 2012 Dr. Santosh Kumar Upadhyay, CSIR-Senior Research Fellow (R & D), CSIR-NBRI, Lucknow; C/o Dr. P.K. Singh, Scientist, Plant Molecular Biology Division, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow 226 001;
- 2012 Dr. Rakesh Kumar Shukla, Scientist B, Biotechnology Division, Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow – 226 015:
- 2012 Dr. Charu Lata, DST-INSPIRE Faculty Fellow, Room No. 221, National Research Centre on Plant Biotechnology (NRCPB), Lal Bahadur Shastri Bhawan, Pusa Campus, New Delhi – 110 012
- 2011 Dr. Manoj Majee, M.Sc., Ph.D., Staff Scientist III, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067
- 2011 Dr. Sudhakar Srivastava, M.Sc., Ph.D., Scientific Officer D, Functional Plant Biology Section, Nuclear Agriculture & Biotechnology Division, Bhabha Atomic Research Centre, Trombay 400085
- 2011 Dr. Swarup Kumar Parida, M.Sc., Ph.D., Staff Scientist II, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi - 110067
- 2011 Dr. Amit Kumar Mishra, M.Sc., Ph.D., Assistant Professor, Indian Institute of Technology Rajasthan, MBM Engineering College, Ratanada, Jodhpur- 342011

2011 Dr. Sarika Gupta, M.Sc., Ph.D., Staff Scientist, Molecular Sciences Lab, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi- 110067

- 2011 Dr. Vishal Trivedi, M.Sc., Ph.D., Assistant Professor, Department of Biotechnology, Indian Institute of Technology- Guwahati, Guwahati, Assam
- 2010 Dr. P.N. Sivalingam, M.Sc., Ph.D., Scientist (Plant Biotechnology), Central Institute for Arid Horticulture, ICAR, NH-15, Sri Ganganagar Road, Beechwal, Bikaner.
- 2010 Dr. Swarup Roy Choudhury, M.Sc.,Ph.D., Research Associate, Division of Plant Biology, Bose Institute, 93/1/, A.P.C. Road, Kolkata.
- 2010 Dr. P.C. Abhilash, M.Sc., Ph.D., UGC-Dr. K.S. Kothari Post Doctoral Fellow, BBA University, C/o Prof. M.M. Lal, 29/5A, Gokhale Vihar Marq, Lucknow.
- **2010** Mr. Mabalirajan Ulaganathan, MBBS.,Ph.D., Postdoctoral Trainee, C/o Dr. Balaram Ghosh Lab 608, Institute of Genomics and Integrative Biology (CSIR), Mall Road (Near Jubilee hall), Delhi.
- **2010 Dr. Surinder Singh Rana**, M.B.B.S., M.D., D.M., MAMS, Assistant Professor, Department of Gastroenterology, Postgraduate Institute of Medical Education and Research, Chandigarh.
- **2010 Dr. Anindita Ukil,** M.Sc., Ph.D., Lecturer, Department of Biochemistry, Calcutta University, University College of Science, 35, Ballygunge Circular Road, Kolkata.
- 2009 Dr. Neel Sarovar Bhavesh, Staff Research Scientist, Structural and Computational Biology Group, International Centre for Genetic Engineering and Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi - 110 067
- 2009 Dr. Nagendra Singh, Senior Research Officer, Deptt. of Biophysics, All India Institute of Medical Sciences, Ansari Nagar, New Delhi -110 029
- 2009 Dr. Gitanjali Yadav, Staff Scientist, Plant Computational Biology (Room No.204), National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi - 110 067
- **2009 Dr. Mukesh Jain**, Staff Scientist, National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi 110 067
- 2009 Dr. Sudesh Kumar Yadav, Scientist C, Biotechnology Division, Institute of Himalayan Bioresource Technology (CSIR), Palampur -176 061
- **2009 Dr. Pawan Kumar Joshi,** Associate Professor, TERI University; 10 Institutional Area, Vasant Kunj, New Delhi 110 070
- 2008 Dr. (Ms.) Saloni Mathur, Inter-disciplinary Centre for Plant Genomics, Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi – 110 021
- 2008 Dr. Pawan Laxminarayan Kulwal, Biotechnology Centre, Department of Agricultural Botany, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola – 444 104 (MS)
- **Dr. Pakshirajan Kannan**, Department of Biotechnology, Indian Institute of Technology Guwahati, Guwahati 781 039

- 2008 Dr. G. Venkatasubramanian, Assistant Professor of Psychiatry, Department of Psychiatry, National Institute of Mental Health & Neurosciences (NIMHANS), (Deemed University), Hosur Road, Bangalore – 560 029
- **2008 Dr. Monalisa Chatterji**, Villa 15, Vaswani Astoria, Kariyammana Agrahara, Bellandur P.O., Bangalore 560 037
- **Dr. Agneyo Ganguly,** Scientist, Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Jadavpur, Kolkata 700 032
- 2007 Dr. Rajeev K. Varshney, Senior Scientist, Applied Genomics Laboratory, (Global Theme Biotechnology), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru – 502324 (Near Hyderabad), Andhra Pradeh
- **Dr. Gopaljee Jha,** C/o Dr. Ramesh V. Sonti, E-309, Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad 500007
- 2007 Dr. Lily Goswami, Junior Research Fellow, Bose Institute, Centenary Campus, P.M.C.G. Section, P1/12, C.I.T. Scheme VII M, Kankurgachhi, Kolkata - 700054
- **2007 Dr. Mohan Mondal**, Scientist, National Research Centre on Mithun (ICAR), Jharnapani, Medziphema, Via Dimapur, Nagaland 797106
- 2007 Dr. Deepak Narhari Modi, Sr. Research Officer, National Institute for Research in Reproductive Health (ICMR), JM Street, Parel, Mumbai- 400012
- **2007 Dr. Subhabrata Chakrabarti,** Staff Scientist (HERF), L.V. Prasad Eye Institute, Brien Holden Eye Research Centre, Road No. 2, Banjara Hills, Hyderabad 500034
- 2006 Dr. Mohd. Sohail Akhtar, Scientist Gr.IV (1), Division of Molecular
 & Structural Biology, Central Drug Research Institute, Lucknow
- **2006 Dr. Saurabh Raghuvanshi,** Assistant Professor, University School of Biotechnology, CGS Indraprastha University, Delhi

SICO-SPONSORED NATIONAL ACADEMY OF SCIENCES, INDIA AWARDEES

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Name & Address	Field	Year
Joseph, George Deputy Director Space Applications Centre, Ahmedabad	Instrumentation	1986
Hridya Nath, Rafiz Director Defence Instrumentation (R&D) Laboratory, Dehra Dun	Instrumentation	1986
Jayaraman, Kunthala Professor of Biotechnology Anna University, Madras	Biotechnology	1986
Kumar Sushil Professor of Molecular Biology Indian Agricultural Research Institute New Delhi	Biotechnology	1986
Ramakrishnan, P.S. School of Environmental Sciences Jawaharlal Nehru University, New Delhi	Environmental Sciences	1986
Gupta, S.C. Director Vikram Sarabhai Space Centre, Trivendrum	Instrumentation	1989
Bhargava, P.M. Formerly Director Centre for Cellular & Molecular Biology Hyderabad	Biotechnology	1989

Krishnamurthy, C.R. Cancer Research Institute Madras (Posthumously)	Environmental Sciences	1989
Sivaswami, Gp. Capt. R.S. Formerly M.D. Marine & Communication Electronics Ltd.	Instrumentation	1992
Chandra, H.G. Sharat Professor & Head Microbiology & Cell Biology Department I.I.Sc., Bangalore	Biotechnology	1992
Purohit, A.N. Director G.B. Pant Inst. of Himalayan Environment & Development, Almora	Environmental Sciences	1992
Rao, Kunda M.M. Group Head Imaging and Image Processing National Remote Sensing Agency Hyderabad	Instrumentation	1995
Bajpai, R.P. Scientist G and Head Microelectronics Div. and Std. Calibration Div. Central Scientific Instruments Organisation, Chandigarh	Instrumentation	1998
Maiti, Sudipta Reader 'F' Department of Chemical Sciences Tata Institute of Fundamental Research, Mumbai	Instrumentation	2001

THE NATIONAL ACADEMY OF SCIENCES, INDIA SWARNA JAYANTI PURASKAR AWARDEES

- **2021 Dr. Chetna Patnaik,** ACTREC, Tata Memorial Centre, Navi Mumbai
- 2021 Dr. Shrishti Pandey, Amity University, Panvel, Mumbai
- 2021 Dr. Namdev More, NIPER, Gandhinagar
- **2021 Dr. Rohini Kumari,** IIT BHU, Varanasi
- 2021 Dr. Snehalika Lall, Indian Statistical Institute, Kolkata
- 2021 Dr. Priya Malpani, Jaypee Institute of Information Technology, Noida
- 2021 Dr. Arindam Dutta, Jaypee Institute of Information Technology, Noida
- 2021 Dr. Argha Debnath, Bennett University, Greater Noida
- 2021 Dr. Nikhitha Nunavath, Jaypee Institute of Information Technology, Noida
- **2020 Dr. Ruchi Kakkar,** Primate Biology Laboratory, ICMR-National Institute for Research in Reproductive Health, Mumbai
- 2020 Dr. Sippy Singh, Department of Zoology, SS Khanna Girls' Degree College, Prayagraj
- 2020 Subham Banerjee, Department of Pharmaceutics, National Institute of Pharmaceutical Education & Research, Guwahati, Assam
- 2020 Ms. Aarti Jaiswal, Centre for Material Science, IIDS, University of Allahabad, Prayagraj
- **2019 Ms. Bhawna Kushawaha**, Central Institute for Research on Goats (ICAR-CIRG), Mathura, UP
- **2019** Mr. Vikas Kumar, Department of Microbiology, Dr. Shyama Prasad Mukherjee University, Ranchi, JH
- **2019 Ms. Aparna Pandey,** Ranjan Plant Physiology and Biochemistry Laboratory, Department of Botany, University of Allahabad, Prayagraj, UP
- 2019 Ms. Susmita Das, Plant Physiology and Biochemistry Laboratory, Centre of Advanced Studies, Department of Botany, University of Calcutta, Kolkata, WB
- **2019 Dr. Manoj Kumar,** Department of Statistics, Central University of Haryana, Mahendergarh-123031
- **2018 Ms. Harshita Pandey**, Plant Biotechnology Division, CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow
- 2018 Ms. Namrata Dwivedi, Faculty of Science and Environment, M.G.C.G.V., Chitrakoot, Satna
- **2018 Ms. Preeti Jha**, Division of Cyclotron and Radiopharmaceutical Sciences, INMAS, DRDO, Timarpur, Delhi
- **2018 Ms. Paulomi Dey,** Department of Zoology, North-Eastern Hill University, Shillong
- 2018 Ms. Vani Mishra, NMR Division, CSIR-Central Drug Research Institute (CDRI), Lucknow
- **2018** Ms. Ritika Srivastava, Bio-organic Research Laboratory, Department of Chemistry, University of Allahabad, Allahabad

- 2018 Sri S. Umer Khalifa, Centre for Climate Change Studies, International Research Centre, Sathyabama Institute of Science and Technology, Chennai
- 2018 Sri Shashank Tripathi, Remote Sensing and GIS Division, MGCGV, Chitrakoot
- **2017 Ms. Aparna Banerjee,** UGC-CAS, Department of Botany, The University of Burdwan, Burdwan.
- **2017 Ms. Shrstha Sinha**, School of Studies in Zoology and Neuroscience, Jiwaji University, Gwalior.
- **2017 Mr. Durgesh Kumar Jaiswal,** Institute of Environment and Sustainable Development, BHU, Varanasi
- **2017 Ms. Amruta Shelar,** Department of Biotechnology, SP Pune University, Pune.
- **2017 Ms. Snehasis Dutta,** Chemical Engineering Division, BARC, Mumbai.
- **2017 Mr. Nandkishor B. Shirsath,** School of Chemical Sciences, North Maharashtra University, Jalgaon.
- 2017 Mr. Anurag Kanase, Department of Physics, SP Pune University, Pune.
- **2017** Ms. Roshni V, Department of Chemistry, SP Pune University, Pune.
- **2016 Ms. Deepti Pargai,** Department of Clothing and Textiles, G.B. Pant University of Agriculture and Technology, Pantnagar
- **2016** Mr. Sunil Sharma, Department of Zoology, North-Eastern Hill University, Shillong
- **2016 Ms. Shrstha Sinha,** School of Studies in Neuroscience and Zoology, Jiwaji University, Gwalior
- 2016 Mr. Yogendr Bahuguna, Uttarakhand Council of Science and Technology (UCOST), Department of Science & Technology (Govt. of Uttarakhand), Dehradun
- 2016 Ms. Chandani Sharma, Research Scholar, Department of Electronics & Communication Engineering, Graphic Era University, Dehradun
- 2016 Mr. Kishore Thapliyal, Jaypee Institute of Information Technology, Noida
- 2016 Mr. B.K. Tiwari, Department of Physics, A.P.S. University, Rewa
- 2016 Mr. Rajesh Mandal, Department of Chemistry, Dibrugarh University, Dibrugarh
- **Mr. Damanbha Lyngdoh,** Department of Zoology, North-Eastern Hill University, Shillong-793022
- **2015 Mr. J. M. Patra,** Department of Biotechnology, North Orissa University, Baripada (Odisha)
- **2015** Mr. Firoz Ali Ansari, Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi 110025
- **Mr. Rama Kant Dubey,** Institute of Environment & Sustainable Development, Banaras Hindu University, Varanasi 221005
- 2015 Ms. Neelam Shukla, Department of Chemistry, University of Allahabad, Allahabad - 211002
- **2015 Mr. T. Nageswara Rao,** Department of Chemistry, Krishna University, Machilipatnam- 521002

2015 Ms. Neelam Yadav, Centre of Material Sciences, University of Allahabad, Allahabad- 211002

- **2015 Ms. Sushmita Banerjee,** Environmental Chemistry Research Laboratory, Department of Chemistry, University of Allahabad, Allahabad 211 002
- **2014 Ms. Anuradha Singh**, Nucleic Acids and Antiviral Research Laboratory, Department of Chemistry, University of Allahabad, Allahabad
- 2014 Ms. Sushmita Banerjee, Department of Chemistry, University of Allahabad, Allahabad
- **2014 Ms. Bhavna Joshi,** Department of Physics, Jai NarainVyas University, Jodhpur
- 2014 Ms. Shingar Sharma, Department of Biochemistry, University of Delhi South Campus, New Delhi
- **2014 Ms. Shweta Jha,** Biotechnology Unit, Centre of Advance Studies in Botany, Jai Narain Vyas University, Jodhpur
- **2014 Mr. Amit Kumar Gupta,** L.M. College of Science and Technology (Autonomous), Jodhpur, Rajasthan
- **2014** Mr. Durgesh Singh, Department of Zoology, University of Allahabad, Allahabad
- 2013 Ms. Indira Bag, Centre for Chemical Biology, Indian Institute of Chemical Technology, Hyderabad
- **2013 Ms. Soibam Purnima Devi,** Department of Botany, North Eastern Hill University, Shillong
- 2013 Ms. Priyanka Verma, Division of Microbiology, Indian Agricultural Research Institute New Delhi
- **Mr. Vipin Singh,** Department of Biotechnology Engineering, University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra
- 2013 Ms. Anushree Tripathi, Indian Institute of Information Technology, Allahabad
- **2013** Mr. Ramakant, Department of Medicinal Chemistry, Banaras Hindu University, Varanasi
- 2013 Ms. Kiran Singh, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Agra
- **Mr.** Rajesh Kumar Kesharwani, Division of Applied Science and Indo-Russian Centre for Biotechnology, Indian Institute of Information Technology, Allahabad
- **2012** Mr. V. Paramanik, Biochemistry & Molecular Biology Laboratory, Department of Zoology, BHU, Varanasi
- **2012 Ms. Mahua G. Choudhury,** Biochemical Adaptation Laboratory, Dept. of Zoology, NEHU, Shillong
- **2012 Ms. Priyanka Singh,** Dept. of Biochemistry, Banaras Hindu University, Varanasi
- **2012 Ms. Ayesha Mariya,** The Institute of Applied Sciences, Mumfordganj, Allahabad
- **2012 Ms. Nitya Singh**, Division of Applied Sciences & Indo-Russian Centre for Biotechnology, IIIT, Allahabad
- 2012 Mr. Manish Pratap Singh, Department of Physics, Banaras Hindu University, Varanasi

- **2012 Ms. Prachi Bansal,** Department of Chemistry, Dayalbagh Educational Institute, Agra
- **2011 Ms. S.R. Rejeena,** Dept. of Chemistry, University of Kerala, Thiruvananthapuram
- 2011 Ms. S.L. Smitha, Dept. of Optoelectronics, University of Kerala, Thiruvananthapuram
- **2011 Ms. P. Arulmurugan,** CAS in Botany, University of Madras, Chennai
- 2011 Ms. L. Divya, Dept. of Zoology, University of Kerala, Thiruvananthapuram
- **2010** Mr. Samrat Paul, Solar & Energy Material Laboratory, Department of Energy, Tezpur University, Tezpur
- **2010 Ms. Vibha Gulyani,** Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi
- **2010** Mr. Pavanish Kumar, Immunology Group, ICGEB, New Delhi
- 2010 Ms. Parul Gaur, Department of Zoology, University of Allahabad, Allahabad
- 2009 Ms. Varinder Kaur, Department of Chemistry, Panjab University, Chandigarh
- **2009** Ms. Tulika Malviya, Department of Chemistry, University of Allahabad, Allahabad
- **2009 Mr. Prashant Chauhan,** Department of Zoology, University of Allahabad, Allahabad
- **2009** Mr. P.K. Prasad, Department of Zoology, North-Eastern Hill University, Shillong
- **2008** Mr. Sudip Misra, School of Information Technology, IIT, Kharagpur
- **2008** Mr. Vijai K. Rai, Department of Chemistry, University of Allahabad, Allahabad
- 2008 Mr. Achuta Nand Shukla, Botanical Survey of India, Allahabad
- 2008 Mr. Kulbhushan Sharma, ICGEB, New Delhi
- 2008 Mr. Pankaj Kumar, Department of Physics, Bhavani Mehta Mahavidyalaya, Kaushambi
- **2008** Mr. Pawan Kumar, Department of Mathematics, D.N. College, Meerut
- 2007 Dr. V. Rakhika Devi, School of Physics, University of Hyderabad, Hyderabad
- **2007 Dr. Shreemoyee Bordoloi,** Department of Chemistry, Dibrugarh University, Dibrugarh
- **2007 Dr. Shritapa Datta,** Biochemical Adaptation Laboratory, Department of Zoology, North-Eastern Hill University, Shillong
- **2007 Dr. Nimisha Kankan,** Department of Zoology, Deendayal Upadhyay Govt. Degree College, Saidabad, Allahabad
- 2006 Dr. Madhura Y. Narkar, National Institute for Research in Reproductive Health, Parel, Mumbai
- **2005 Dr. Bhaskar Chaudhury,** Institute for Plasma Research, Gandhinagar
- 2005 Dr. D. Sundar, Centre for Bioinformatics, School of Life Sciences, Pondicherry University, Pondicherry
- 2004 Dr. Shipra Singh, Nucleic Acids Research Laboratory, Department of Chemistry, University of Allahabad, Allahabad

2004 Dr. Pragya Khanna, Department of Zoology, Govt. Degree College,

- 2003 Ms. S. Basu, Physical Research Laboratory, Ahmedabad
- Ms. Achamma John Mathai, Sardar Patel University, Vallabh 2003 Vidyanagar
- 2003 Ms. D.B. Sadevra, Dept. of Biotechnology, Amravati University, Amravati
- 2002 Ms. L.M. Lyndem, Department of Zoology, NEHU, Shillong
- 2002 Sri Vinayak V. Joshi, Department of Mathematics, Govt. College of Engineering, Pune
- 2001 Ms. Shalini Garg, Department of Applied Physics, Delhi College of Engineering, Faculty of Technology, University of Delhi, Delhi
- 2001 Dr. (Mrs.) V. Kothekar, Department of Biophysics, All India Institute of Medical Sciences, New Delhi
- 2000 Dr. R.K. Sinha, Department of Zoology, Patna University, Patna
- 2000 Dr. P.K. Gogoi, Department of Chemistry, Dibrugarh University, Dibrugarh
- 1999 Dr. K.K. Sharma, Department of Zoology, Maharishi Dayanand Saraswati University, Ajmer
- Dr. Prem Prakash Srivastava, Central Institute of Fisheries 1998 Education, Versova, Mumbai
- 1998 Dr. P. Dashora, Department of Physics, University of Rajasthan, **Jaipur**

NASI-Springer Awardees

- 2019 Ms. Anindita Paul, ICAR-Central Tobacco Research Institute, Rajahmundry, AP
- 2019 Ms. Priyanka Gautam, Department of Biochemistry, University of Allahabad, Prayagraj, UP
- 2019 Mr. Manoj Kumar Singh, Neurobiology Lab, Department of Zoology, University of Allahabad, Prayagraj, UP
- 2019 Mr. Abhishek Dutta, Department of Botany, University of Jammu, Jammu, J & K
- 2019 Mr. Irshad Ahmad, Department of Applied Science & Humanities, Faculty of Engineering & Technology, JamiaMilliaIslamia University, New Delhi
- 2018 Sri Arideep Mukherjee, Laboratory of Air Pollution and Global Climate Change, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi
- 2018 Sri Sheikh Adil Edrisi, Institute of Environment and Sustainable Development, Banaras Hindu University, Varanasi

 Ms. Namrata Dwivedi, Faculty of Science and Environment,
- 2018 M.G.C.G.V., Chitrakoot, Satna
- 2018 Sri Ajeet Singh, Institute of Environment and Sustainable Development, BHU, Varanasi
- Sri Mohd. Gulman Siddiqui, Department of Electronics and 2018 Communication, University of Allahabad, Allahabad
- Sri A. Arulraj, University College of Engineering-Bharathidasan 2018 Institute of Technology (BIT) campus, Anna University, Tiruchirappalli
- 2018 Sri Harit K. Sharma, Department of Physics, APS University, Rewa

- 2018 Sri Swapnil Mishra, Department of Civil Engineering, Indian Institute of Technology Delhi (IITD), New Delhi
- Ms. Shivi Tyagi, Department of Botany, Panjab University, 2017 Chandigarh.
- 2017 Mr. Bishwarup Sarkar, Department of Microbiology, Modern College of Arts, Science and Commerce, Pune.
- 2017
- Ms. Rohi Jan, Department of Chemistry, SP Pune University, Pune. Mr. Tejas Chimbalkar, Department of Physics, Shikshn Prasarak 2017 Mandal's Parshurambhau College, Pune.
- 2017 Mr. Samadhan Waghmode, Department of Microbiology, Elphinstone College, Fort, Mumbai.
- 2017 Ms. Neha Gupta, School of Studies in Biotechnology, Jiwaji University, Gwalior.
- 2017 Ms. Poornima Dhawaskar, Department of Earth Sciences, Goa University, Goa.
- **Ms. Saumya Khare,** Department of Biochemistry, Institute of Science, BHU, Varanasi. 2017
- Mr. Imran Khan, Division of Microbiology, Indian Agricultural 2016 Research Institute, New Delhi
- **Ms. Mansi Bakshi,** Institute of Environment and Sustainable Development, Banaras Hindu University, Varanasi 2016
- Mr. Z.A.S. Philayung, Department of Zoology, North-Eastern Hill 2016 University, Shillong
- Mr. N. Rawat, Department of Zoology & Biotechnology, HNB 2016 Garhwal University, Srinagar (Garhwal)
- Ms. Meenakshi Rana, Department of Physics and Materials 2016 Science & Engineering, Jaypee Institute of Information Technology, Noida
- 2016 Ms. Anita Pal, Chemistry Division, Forest Research Institute, Dehradun
- 2016 Mr. Ashish Kumar Nayak, Environment and Sustainability Department, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar
- 2016 Mr. Gyanashree Bora, Department of Chemistry, Dibrugarh University, Dibrugarh
- 2015 Ms. Anumita Sarkar, Microbiology Laboratory, UGC Centre for Advanced Study, Department of Botany, Burdwan University. Burdwan-713104
- 2015 Mr. Arindam Atanu Das, Center for Bioinformatics, Pondicherry University, Puducherry - 605014
- Mr. Puneet Kumar Singh, Bioenergy & Bioprocess Lab, BDTC (Biogas Development and Training Center), School of 2015 Biotechnology, KIIT University, Bhubaneswar-751024
- 2015 Ms. Shefali Singh, Plant Genetics Laboratory, Botany Department, University of Allahabad, Allahabad - 211002
- **Ms. Puja Rai,** Environmental Chemistry Research Laboratory, Department of Chemistry, University of Allahabad, Allahabad 2015 211002
- 2015 Mr. Suchintak Dash, School of Biotechnology, KIIT University-Bhubaneshwar - 751024
- 2015 Ms. Puja Kumari, PG Department of Biotechnology, Vinoba Bhave University, Hazaribag, Jharkhand - 825301

THE NATIONAL ACADEMY OF SCIENCES, INDIA MILLENNIUM AWARDEES

Senior Scientist Category

Prof. U.S. Srivastava

Past President of the National Academy of Sciences, India; Formerly Professor & Head Department of Zoology & Dean, Faculty of Science Allahabad University Allahabad

Young Scientist Category

Dr. S. Ramaswamy

Associate Professor Department of Physics Indian Institute of Science Bangalore

In Biological Sciences

In Physical Sciences

Prof. Satish Jain

Department of Neurology Neuro Science Centre All India Institute of Medical Sciences New Delhi

THE NATIONAL ACADEMY OF SCIENCES, INDIA SCIENCE TEACHER AWARDEES

1996 Dr. Girish Chandra Badoni, Govt. Inter College, Uttarkashi 1997 Sri Amar Jyot Singh Bedi, City Montessori School, Lucknow 1998 Smt. Shefali Saxena, Kendriya Vidyalaya, Dehradun Sri Anand Singh Bisht, Government Inter College, Nainital 1999 2001 Sri Deepak Sharma, N.A.S.Inter College, Meerut Dr. N.D. Singh, C.P. Vidya Niketan, Kaimganj, Farrukhabad 2002 2002 Smt. Chitra Joshi, Kendriya Vidyalaya, Dehradun Sri L.B. Singh, Govt. Queens' College, Varanasi 2003 2004 Dr. Narain Sharan, Govt. Inter College, Meerut 2005 Mrs. Meenambika Menon, Cambridge School, Noida 2006 Sri Anil Kumar Gupta, Shri Nathooram Purohit Balika Inter College, Konch, Jalaun 2007 Dr. Mohammad Masood, Jamuna Christian Inter College, Allahabad Sri Brajesh Dixit, Sri Narayan Inter College, Badera, Auriya, UP 2007 2008 Dr. Upkar Dutt Sharma, Meerut 2009 Mrs. Tahseen Fazal, City Montessori-Inter College, Lucknow 2009 Shri Sanjay Srivastava, Tagore Public School & College, Allahabad 2010 Sri Satish Chand, Govt. Inter College, Hardoi 2010 Sri L.K. Sharma, S.D.B.B. Rama Inter College, Pilibhit 2011 Dr. Shripal Rathi, M.G.Public School, Muzaffarnagar 2011 Dr. Naresh Kumar Giri, Kendriya Vidyalaya, Ghaziabad 2012 Shri Brij Kishor Singh, Assistant Teacher, Govt. Inter College, Deoria 2012 Dr. R.K. Awasthi, St. George's College, Agra 2013 Dr. Ravi Prakash Sharma- Vishnu Inter College, Bareilly 2013 Shri Surendra Kumar Gaur- City Montessori Inter College, Lucknow 2014 Dr. (Mrs.) Anupma Srivastava, Seth Anand Ram Jaipuriya School, 2014 Dr. P.K. Ghosh, Anglo Bengali Intermediate College, Allahabad 2015 Dr. Subhash Chandra Tripathi, City Montessori Inter College, Lucknow 2016 Dr. Rathindra Krishna Mitra, Montfort Inter College, Lucknow 2016 Mrs. Rashmi Srivastava, Seth Anandram Jaipuria School, Kanpur 2017 Mr. Sushil Kumar, KVS, Aliganj, Lucknow Mr. Sanjeev Kumar Agarwal, MPVM, Teliarganj, Allahabad 2017 2018 Dr. Nikhil Jain, M.D. Jain Inter College, Agra 2019 Mr. Sushil Kumar Pandey, Guru Nanak Inter College, Mirzapur Mr. Pramod Kumar Parashar, MI Inter College, Hathras 2020 2021 Mrs. Priyanka Singh Chauhan, Maharshi Patanjali Vidya Mandir, 2021 Ms. Poonam Bhatt, Amity International School, Ghaziabad

Allahabad Region NASI Science Teacher Awardee

Dr. Hemlata Shukla, Canossa Convent Girls Inter College, Ayodhya (UP)

(The Award has been instituted in the memory of Late Rama Shankar Misra)

- 2011 Dr. Sharad Kumar Pandey, Tagore Public School, Allahabad
- 2012 Mrs. Archana Tiwari, Tagore Public School, Allahabad

2022

- 2013 Mrs. Shikha Chakravarty- Crosthwaite Girls Inter College, Allahabad
- 2014 Mr. Waseem Ahmad, Mahgaon Inter College, Kaushambi

2015 2016 2018 2021 2022	Dr. Lalji Yadav, Colonelganj Intermediate College, Allahabad Mr. Suresh Narain Pandey, MPVM,Ganga Gurukulam, Allahabad Smt. Sangeeta Gupta, St. Anthony's Convent G.I. College, Allahabad Mr. Ashish Kumar Srivastava, Anglo Bengali Inter College, Prayagraj Mr. Navin Gune, Maharshi Patanjali Vidya Mandir, Prayagraj				
Jharkhand Region NASI Science Teacher Awardee					
2017 2018 2018 2018 2018 2019 2019 2020 2020 2020 2021 2021	Ms. Sahana, Vidya Bharati, Chinmya Vidyalaya, Telco, Jamshedpur Ms. Jaishree, JUSCO High School, Kadma, Jamshedpur Mr. Bibhuti Nath Jha, Jawahar Vidya Mandir, Ranchi Mrs. Sangeeta Chatrath, Little Flower School, Jamshedpur Mr. Manoj Kumar Singh, Middle School, Potka Mr. Amod Kumar Mishra, State High School, Chaibasa Ms. Shipra, Tata Workers Union High school Kadma, Jamshedpur Mr. Vikash Kumar Das, NML-Kerala Public School, Agrico Mr. Sumit Kumar Gorai, TGT, Delhi Public School, Bokaro Steel City Mr. Asheesh Mishra, PGT, Atomic Energy Central School, Jaduguda Mr. Ramanuj Kumar, PGT, Kendriya Vidalaya, Tatanagar Ms. Manisha Dhawan, TGT, Public High School, Ramgarh Ms. Anju Kumari, PGT, BPM+2 High School, Jamshedpur				
Kharagpur Region NASI Science Teacher Awardee					
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- 2018 Dr. Damayanti Roy, Oriental Seminary High School for Girls, Kolkata
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- 2009 Shri Rahul Chatterjee, Jail Road Boys' H.S. School, Shillong
- 2010 Shri Subrata Ghosh, Nongtalang Govt. Secondary School, Nongtlang (Meghalaya)
- 2011 Mr. Hubert Thyrniang of Govt Girls' School, Jowai
- 2011 Mr. Pradip Chandra Neogi of Govt Girls' School, Shillong
- 2012 Mr. Deeplyson Lyngwa of KJP Synod Mihngi Higher Secondary School, Meghalaya
- 2013 Ms. Melissa Nonglait, Assistant Teacher, Shillong Public School, Kenelworth Road, Laitumkhrah, Shillong
- 2014 Smt. Dawansuk Lathong, Rymbai Government Secondary School, Rymbai, East Jaintia Hills District, Meghalaya.

Uttarakhand Region NASI Science Teacher Awardee

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- 2010 Shri Umesh Chandra Pandey, KIC Kapkot
- 2011 Shri A.K. Dubey, Govt. Higher Secondary School, Aagar, Tehri Garhwal
- 2012 Shri AatmaPrakash, Assistant Teacher, GIC, Gopeshwar
- 2013 Shri Kalyan Singh Rawat "Maiti", Lecturer- Zoology, Govt. Inter College, Maldevta, Dehradun
- 2015 Mr. Samir Dhingra, HOD-Science, Welham Boys School, Dehradun
- 2016 Shri Deep Chandra Joshi, V.M.J.S. Government Inter College, Bageshwar
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SAHNI, B. Lucknow University, Lucknow	Botany	1938
DDIQUI, Mohd. Abdul Hamid G. Medical College, Lucknow	Anatomy	1939
DHAR, N.R. Director, Public Instructions	Chemistry	1940
U.P., Allahabad SENGUPTA, P.K. Indian Meterological Office	Meteorology	1941
Alipur, Calcutta SRIVASTAVA, M.D.L. Allahabad University, Allahabad	Zoology	1942
SRIVASTAVA, B.N. Allahabad University, Allahabad	Physics	1949
BHATTACHARYA, A.K. Saugar University, Sagar	Chemistry	1950
MEHRA, P.N. Panjab University, Chandigarh	Botany	1951
PANDE, B.P. U.P.College of Veterinary Science	Zoology	1952
& Animal Husbandry, Mathura SHARMA, Devendra Allahabad University, Allahabad	Physics	1954
MITRA, S.P. Allahabad University, Allahabad	Chemistry	1955

DHAWAN, C.L. Irrigation & Power Research Institute	Physical	1956
Amritsar	Chamiatur.	4050
DEY, Arun Kumar Allahabad University, Allahabad	Chemistry	1958
KUSHWAHA, R.S.	Mathematics	1959
Delhi University, Delhi	& Astronomy	4000
SINGH, Amar Allahabad University, Allahabad	Botany	1960
BILGRAMI, K.S.	Botany	1963
Jodhpur University, Jodhpur	•	
TIWARI, Ram Das	Chemistry	1964
Allahabad University, Allahabad SAXENA, D.B.	Zoology	1964
J. & K. University, Srinagar	Zoology	1904
BANERJI, D.P.	Mathematics	1964
S.V. University, Tirupati		
JAIN, S.K.	Botany, Agril.	1966
Botanical Survey of India, Calcutta DE, Samarendra Kumar	& Geology Chemistry	1966
Allahabad University, Allahabad	Chemistry	1300
LAL, R.N.	Mathematics	1969
Bhagalpur University, Bhagalpur		1000
KAPUR, J.N.	Mathematics	1980
IIT, Kanpur SRIVASTAVA, C.B.L.	Zoology	1985
Allahabad University, Allahabad	- 37	
MOHANTY, Prasanna	Biophysics	1986
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