# **List of Chapters**

# 1. Ahmedabad Chapter

#### Chairman

**Dr. Subeer Suhash Majumdar**, Director General, Gujarat Biotechnology University (GBU), Government of Gujarat- 382355

(Other office bearers are to be finalized by the Chairman)

# 2. Bengaluru Chapter

### Chairman

**Prof. Ashok Misra**, NASI Distinguished Honorary Professor at the Jawaharlal Nehru Centre for Advanced Scientific Research in Bengaluru; 68, Adarsh Vista, Basavanagar, Bengaluru – 560037

# Secretary

**Prof. Ganesh Nagaraju**, Professor, Department of Biochemistry, Indian Institute of Science, Bengaluru – 560012

#### Advisors

- 1. **Prof. Annapurni Subramaniam**, Director, Indian Institute of Astrophysics, Koramangala, Banglore-560034
- 2. **Prof. Jayant R. Haritsa**, Professor, CDS, Indian Institute of Science, Bengaluru 560012
- 3. **Prof. Suwas Satyam**, Professor & Head, Department of Materials Engineering, Indian Institute of Science, Banglore-560012

# Special Invitee

- 1. **Prof. K.S. Narayan**, Professor & Dean (R&D), Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru-560064
- 2. **Prof. Mythily Ramaswamy**, Honorary Professor, International Centre for Theoretical Sciences, Tata Institute of Fundamental Research, Banglore-560089

### Members

- 1. **Prof. Suryasarathi Bose**, Professor, Department of Materials Engineering, Indian Institute of Science, Banglore-560012
- 2. **Prof. Abha Misra**, Professor, Department of Instrumentation and applied physics, Indian Institute of Science, Banglore-560012

# 3. Chandigarh Extended Region (CER) Chapter

# Chairman

**Prof. Ravinder Kumar Kohli**, JC Bose National Fellow, Vice-Chancellor, Amity University Punjab, Mohali – 140306

### Secretary

**Prof. Kuldip Kumar Bhasin**, NASI Senior Scientist and Professor Emeritus, Department of Chemistry & CAS in Chemistry, Panjab University, Chandigarh – 160014

#### Advisors

1. **Prof. K.N. Pathak**, Professor Emeritus (for life), Former NASI Senior Scientist, Department of Physics, Panjab University, Chandigarh – 160014

- 2. **Prof. Arun Kumar Grover**, Former Vice Chancellor of Panjab University, Chandigarh; Emeritus Professor (Honorary) and DAE Raja Ramanna Fellow, Punjab Engineering College, Chandigarh-160012
- 3. **Prof. Krishnendu Gongopadhyay**, Professor, Indian Institute of Science Education and Research Mohali, Sector 81, SAS Nagar, Punjab -140306

# Special Invitee

- 1. **Prof. Daizy Batish**, Professor, Department of Botany, Panjab University, Chandigarh 160014
- 2. **Prof. Madhu Raka**, Professor, NASI Senior Scientist, Department of Mathematics, Panjab University, Chandigarh 160014

### Members

- Dr. Vishal Sharma, Associate Professor of Orthopedics, PGIMER, Chandigarh -160012
- 2. **Dr.(Mrs.) Suman Singh**, Principal Scientist & Head, MSSA, Room No. 211,2nd Floor, Technology Block, CSIR-CSIO, Sector 30-C, Chandigarh 160030

# 4. Delhi Chapter

### Chairman

**Prof. Anurag Sharma**, Emeritus Professor, Optics and Photonics Center and Department of Physics, Indian Institute of Technology Delhi, New Delhi – 110016 Secretary

**Prof. Anirban Pathak**, Department of Physics and Materials Science & Engineering, Jaypee Institute of Information Technology, Noida, U.P – 201309

Advisors

- Prof. Anup Kumar Ghosh, Emeritus Professor, Department of Materials Science & Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016
- 2. **Dr. Pratibha Jolly**, Former Principal, Miranda House, University of Delhi; E-284, Greater Kailash-1, New Delhi 110048
- 3. **Prof. Manoj Prasad**, Staff Scientist-VII & JC Bose National Fellow, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, JNU Campus, New Delhi 110067

# Special Invitee

- 1. **Prof. Ajoy K. Ghatak**, Past President, NASI & Formerly MN Saha Distinguished Chair Professor, NASI; Formerly Professor of Physics at IIT Delhi; D-42, Hauz Khas, New Delhi-110016
- 2. **Prof. Paramjit Khurana**, JC Bose National Fellow, Professor & Former Head, Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan, New Delhi 110021

# Members

- 1. **Prof. Prakash Chandra**, Group Director (Admin, HR & TS) & Technology Director (Functional Materials and Allied Technologies), Solid State Physics Laboratory, DRDO, Lucknow Road, Timarpur, Delhi 110054
- 2. (to be decided by the Chairman)

# 5. Jharkhand Chapter

# Chairman

**Dr. Indranil Manna**, JC Bose Fellow & Vice Chancellor, , Birla Institute of Technology (BIT) Mesra, Ranchi, Jharkhand-835215

# Secretary

**Prof. Ranjit Kumar Upadhyay**, Professor (HAG) & Head, Dept. of Mathematics & Computing, Indian Institute of Technology (Indian School of Mines) Dhanbad, Dhanbad - 826004

### Advisors

- 1. **Prof. Pratim Kumar Chattaraj**, JC Bose National Fellow, Distinguished Visiting Professor, Chemistry Dept., Birla Institute of Technology Mesra, Ranchi- 835215, Jharkhand
- 2. **Prof. Sukumar Mishra**, Director, Indian Institute of Technology (Indian School of Mines), Dhanbad 826004
- 3. **Dr. Sujay Rakshit**, Director, ICAR-Indian Institute of Agricultural Biotechnology Garkhatanga, Ranchi 834003

# Special Invitee

- 1. **Prof. Ashoke Sharon**, Professor, Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, Jharkhand 835215 India
- 2. **Prof. Raju Poddar**, Professor, Department of Bioengineering & Biotechnology, Birla Institute of Technology (Bit), Mesra, Ranchi, Jharkhand 835215
- 3. **Prof. Sukalyan Chakraborty**, Associate Professor, Department of Civil and Environmental Engineering, Birla Institute of Technology (Bit), Mesra, Ranchi, Jharkhand 835215

### Members

- 1. **Dr. Sandip Ghosh Choudhury**, Director, CSIR-National Metallurgical Laboratory, Jamshedpur-831001
- Prof. Animesh Ghosh, Associate Professor, Dept. of Pharmaceutical Sciences
   & Technology, Birla Institute of Technology, Mesra, Ranchi 835215

# 6. Kanpur Chapter

### Chairman

**Prof. J.K. Bera**, Professor, Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur - 208016

#### Secretary

**Prof. Jayant K. Singh**, Poonam and Prabhu Goel Chair Professor and Head, Department of Chemical Engineering, IIT Kanpur, Kanpur - 208016

#### Advisors

- 1. **Prof. Manindra Agrawal**, Director of the Indian Institute of Technology Kanpur Kanpur 208016
- 2. **Prof. Ashutosh Sharma**, Professor, Department of Chemical Engineering, IIT Kanpur, Kanpur 208016
- 3. **Prof. Debasis Kundu**, Professor, Department of Mathematics, Indian Institute of Technology, Kanpur, Kanpur 208016

# Special Invitee

- Prof. Kantesh Balani, Professor, Department of Materials Science & Engineering, Head, Advanced Centre for Materials Science, IIT Kanpur, Kanpur - 208016
- 2. **Prof. Mahendra K. Verma**, Professor, Department of Physics, IIT Kanpur, Kanpur 208016

### Members

(to be decided by the Chairman)

# 7. Kerala Chapter

# Chairman

**Prof. Edathil Vijayan**, Former ICMR Emeritus Medical Scientist & UGC Visiting Professor, in Biotechnology, Cochin University of Science & Technology, Kochi – 682306

# Secretary

**Dr. R.P. Prakash Kumar**, Managing Director, Department of Science & Technology, Govt. of Kerala , Malabar Botanical Garden, Kozhikode

### Advisors

- 1. **Prof. B. Mohan Kumar**, Former Vice-Chancellor, Arunachal University of Studies, Knowledge City, Namsai 792103, AP
- 2. **Dr. Eppurath Vasudevan Soniya**, Scientist G, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram 695014
- 3. **Dr. K. P. Mohan Kumar**, Director, Inter University Centre for Biomedical Research & Super Speciality Hospital (Govt. of Kerala), Mahatma Gandhi University Campus at Thalappady, Rubber Board PO, Kottayam- 686009, Kerala

### Special Invitee

- Prof. Oommen V Oommen, Emeritus Professor, Department of Computational Biology & Bioinformatics, State Inter-University Centre of Excellence in Bioinformatics, North Campus - Kariavattom, University of Kerala, Thiruvananthapuram - 695581
- 2. **Dr. Malini Laloraya**, Scientist G, Division of Molecular Reproduction, Rajiv Gandhi Centre for Biotechnology, Thycaud PO, Thiruvananthapuram 695014

#### Members

- 1. **Dr. Deepu Mathew**, Assistant Professor, CPBMB, IT-BT Complex, KAU Post, Kerala Agricultural University, Thrissur 680656
- 2. **Prof. Dr. Naresh Kasoju**, Scientist D (Applied Biology), Bio-Medical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Poojapura, trivandrum 695012

# 8. Kharagpur Chapter

### Chairman

**Prof. Sirshendu De**, Professor & Head, Department of Chemical Engineering, Indian Institute of Technology Kharagpur, Kharagpur -721302

### Secretary

**Prof. Ashok Kumar Gupta**, Professor, Environmental Engineering Division, Department of Civil Engineering & Head, School of Water Resources, Indian Institute of Technology Kharagpur, Kharagpur -721302

#### Advisors

- 1. **Prof. Suman Chakraborty**, Director of Indian Institute of Technology Kharagpur, Kharagpur -721302
- 2. **Prof. A. K. Pradhan**, Professor, Electrical Engineering Dept., Indian Institute of Technology Kharagpur, Kharagpur 721302
- 3. **Prof. P. K. Bhaskaran**, Professor, Dept. of Ocean Engineering and Naval Architecture, Indian Institute of Technology Kharagpur, Kharagpur 721302

# Special Invitee

(to be decided by the Chairman)

### Members

- 1. **Prof. Sanjeev Kumar Srivastava**, Associate Professor, Departmentof Physics, Indian Institute of Technology Kharagpur, Kharagpur 721302
- Prof. Sabyasachi Mishra, Associate Professor, Department of Chemistry, IIT Kharagpur - 721302

# 9. Kolkata Chapter

### Chairman

**Dr. Susanta Roy Choudhury**, Head, Department of Basic & Translational Research, Saroj Gupta Cancer Centre and Research Institute, MG Road, Thakurpukur, Kolkata – 700063

# Secretary

**Dr. Chitra Mandal**, JC Bose National Fellow & SERB Distinguished Fellow, CSIR-Indian Institute of Chemical Biology, 4, Raja SC Mullick Road, Kolkata-700032

- 1. **Dr. Amit Ghosh**, NASI Honorary Scientist, Vice President (Publication), INSA; National Institute of Cholera and Enteric Diseases (ICMR) (JICA Building), P-33, CIT Scheme XM, Beliaghata, Kolkata 700010
- 2. **Dr. Arunendra Nath Lahiri Majumder**, INSA Honorary Scientist, Department of Microbiology & Biotechnology, Sister Nivedita University, Block DG 1/2, Action Area I, New Town, Kolkata 700156
- 3. **Prof. H.K. Majumder**, NASI Senior Scientist, Indian Institute of Chemical Biology, 4, Raja S.C. Mallick Road, Jadavpur, Kolkata 700032

### Special Invitee

- 1. **Dr. Syamal Roy**, JC Bose National Fellow, ICMR Emeritus Scientist, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata –700032
- 2. **Dr. Anupam Basu**, Raja Ramanna Chair Professor, Jadavpur University; Distinguished Hon. Professor, Sister Nivedita University, Kolkata- 700032
- 3. **Dr. Sharmila Sengupta**, Former Professor & Eminent Scientist, National Institute of Biomedical Genomics, PO: NSS, Kalyani -741251

Members (to be decided by the Chairman)

# 10. Lucknow Chapter

# Chairman

**Prof. Sanjeev Misra**, Vice Chancellor, Atal Bihari Vajpayee Medical University, UP, Lucknow- 226007

### Secretary

**Dr. Sanjay Batra**, Senior Principal Scientist, Medicinal & Process Chemistry Division, CSIR-Central Drug Research Institute, Sector 10, Jankipuram Ext., Sitapur Road, Lucknow – 226031

### Advisors

- 1. **Prof. Pramod Tandon**, Formerly Chief Executive Officer, Biotech Park, Lucknow; VC, NEHU; D-802, Shalimar Gallant, Vigyanpuri, Mahanagar, Lucknow 226006
- 2. **Prof. Madhu Dikshit**, JC Bose National Fellow; THSTI National Chair; CSIR-Central Drug Research Institute, Sector 10, Jankipuram Extension, Sitapur Road, Lucknow -226031, Uttar Pradesh
- 3. **Dr. Prabodh Kumar Trivedi**, Director, CSIR-Central Institute of Medicinal & Aromatic Plants, PO CIMAP,Near Kukrail Picnic Spot Lucknow 226015

# Special Invitee

- 1. **Dr. Ajit Kumar Shasany**, Director, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow 226001
- 2. (to be decided by the Chairman)

### Members

- 1. **Prof. Seshu Lavania**, CSIR Emeritus Scientist, Department of Botany, University of Lucknow, Lucknow- 226007
- 2. **Dr. Seema Mishra**, Associate Professor, Department of Chemistry, University of Lucknow–226007

# 11. M P Chapter

# Chairman

**Prof. Saptarshi Mukherjee**, Professor, Department of Chemistry, Indian Institute of Science Education and Research Bhopal, Bhauri, Bhopal - 462066;

#### Secretary

**Prof. Sourav Datta**, Associate Professor, Department of Biological Sciences, Cell (Academic Building 3), Room # 322, IISER Bhopal, Bhauri, Bhopal - 462066;

#### Advisors

- 1. **Prof. Sampat Kumar Tandon**, Adjunct Professor, Indian Institute of Science Education and Research, Bhopal, Bhauri, Bhopal 462066;
- Prof. Subodh Kumar Jain, Professor Biotechnology & Zoology, Dr. HS Gour Vishwavidyalaya, Sagar; Res. 271/9, Manorama Colony, Madhukarshah Ward, Sagar – 470001
- 3. **Prof. Subhash Chaturvedi**, Visiting Professor, Department of Physics, Indian Institute of Science Education & Research, Bhopal, Bhauri, Bhopal 462066

# Special Invitee

- 1. **Prof. Raghunath Sahoo**, Professor, Department of Physics, Indian Institute of Technology Indore, Simrol, Khandwa Road, Indore-453552, Madhya Pradesh
- 2. (to be decided by the Chairman)

# Members (to be decided by the Chairman)

# 12. Mumbai Chapter

### Chairman

**Prof. Puthusserickal Abdulrahiman Hassan**, Scientific Officer H, Head, NBS; Chemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai – 400085 Secretary

**Prof. Neela Natraj**, Professor, Department of Mathematics, Indian Institute of Technology Bombay, Powai, Mumbai - 400076

### Advisors

- 1. **Prof. Seikh M. Yusuf**, Director, Physics Group, Bhabha Atomic Research Centre, Trombay, Mumbai -400085
- 2. **Prof. K P Mishra**, Formerly Vice-Chancellor, Nehru Gram Bharati University, Prayagraj; Former Scientific Officer 'H+' and Head, RB&HSD, BARC, Mumbai
- 3. **Prof. Jayesh Ramesh Bellare**, Institute Chair Professor, Department of Chemical Engineering, IIT Bombay, Powai, Mumbai 400076

### Special Invitee

- 1. **Prof. Jai Pal Mittal**, Former MN Saha Distinguished Professor, NASI; Bhabha Atomic Research Centre, A-616 Central Complex, Trombay, Mumbai 400085;
- 2. **Prof. Anil Kumar Singh**, Former Director (Independent), RCFL, Mumbai; A-1603, Lake Primrose, Lake Homes, Powai, Mumbai 400076 (Ex-IIT Bombay)

#### Members

- 1. **Prof. Celin Acharya**, Scientific Officer G, & Head, Environmental Biotechnolgy Section, Molecular Biology Division, Bio Science Group Bhabha Atomic Research Centre, Mumbai-400085
- 2. **Prof. Aparna Singh**, Associate Professor, Department of Metallurgical Engineering and Materials Science at IIT Bombay, Mumbai-400076

# 13. North-Eastern Region Chapter

### Chairman

**Prof. S. K. Barik**, Professor, Department of Botany, North-Eastern Hill University, Shillong - 793022

# Secretary

**Prof. S.R. Joshi**, Professor, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Shillong – 793022

#### Advisors

- 1. **Prof. Latha Rangan**, Senior Professor, Department of Biosciences & Bioengineering, Indian Institute of Technology Guwahati, Guwahati 781039
- 2. **Prof. Ashis Kumar Mukherjee**, Director, Institute of Advanced Study in Science and Technology, Vigyan Path, Boragaon Paschim, Gorchuk, Guwahati 781035, Assam
- 3. **Prof. S. K. Ghosh**, Professor, Biotechnology, Assam University, Silchar Special Invitee
- 1. **Prof. Anupam Chatterjee**, Head, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Shillong 793022
- 2. **Dr. V M Tiwari**, Director and JC Bose National Fellow CSIR- North East Institute of Science & Technology (CSIR- NEIST) Jorhat 785006, Assam India

# Members

- 1. **Prof. P. P. Baruah**, Professor, Department of Botany, Guwahati University, GUWAHATI 781014
- 2. **Dr. G. Maitra**, DBT Nodal Centre for Medical Colleges and Biomedical Research in North East India, Tezpur University, Tezpur, Assam-784028

# 14. Odhisha Chapter

### Chairman

**Dr. Omkar Nath Mohanty**, Former Vice-Chancellor, BPUT, Orissa, CET Campus, Ghatikia, Near Khandagiri, Bhubaneswar-751003

# Secretary

**Dr. Gopal Chandra Kundu**, Director R&D, KIIT Deemed to be University, Institute of Eminence, Bhubaneswar-751024

#### Advisors

- Prof. Sudhakar Panda, Former Director, National Institute of Science Education and Research, Jatni, PO: Bhimpur-Padanpur, Bhubaneswar – 752050
- 2. **Dr. Narottam Acharya**, Scientist G, Laboratory of Genomic Instability & Diseases, Department of Infectious Disease Biology, Institute of Life Sciences, Bhubaneswar, Odisha 751023
- 3. **Dr. Soma Chattopadhyay**, Scientist F, Institute of Life Sciences, Nalco Square, Bhubaneswar 751023

# Special Invitee

- 1. **Prof. Ashok Kumar Ganguli**, Director of the Indian Institute of Science Education and Research (IISER), Berhampur, Odisha 760003, India
- 2. **Dr. Tapan Kumar Adhya**, Professor School of Biotechnology, KIIT University, Bhubaneswar-751024

#### Members

- 1. **Dr. Vasudeva Rao Allu**, Professor, School of Basic Sciences, IIT Bhubaneswar, Jatni PO, Argul-752050, Odisha
- 2. **Prof. Mahendra K. Mahanti**, Professor of Chemistry, NISER, Bhubaneswar-751005

# 15. Pune Chapter

#### Chairman

**Dr. Sharmila Avadhut Bapat**, Director, National Centre for Cell Science, Ganeshkhind, NCCS Complex, Pune-411007

# Secretary

**Dr. Manas Kumar Santra**, Scientist F, Laboratory 12, National Centre for Cell Science, SP Pune University, Ganeshkhind Road, Pune - 411007

# Advisors

- 1. **Dr. B. K. Patwardhan**, Distinguished Professor, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University, Pune 411007
- 2. **Dr. Surendra Madhukar Ghaskadbi**, Agharkar Research Institute (ARI) Pune-411004
- 3. Dr. Rita Mulherkar, Director, Samarthakrupa Life Sciences Pvt. Ltd., Pune

# Special Invitee

- 1. **Dr. Ajit Keshav Kembhavi**, Emeritus Professor, IUCAA, Post Bag 4, Ganeshkhind, Pune 411007
- 2. **Dr. Ashok Prabhakar Giri**, Former Chair & Senior Principal Scientist, Biochemical Sciences Division, CSIR- National Chemical Laboratory, Pune 411008

### Members

- 1. **Dr. R.R. Bhonde**, Emeritus Scientist, Dr. D.Y. Patil Vidyapeeth (DPU) Pimpri, Pune 411018
- 2. **Dr. Karthick Balasubramanian**, Scientist E, Biodiversity & Paleo biology Group, Agharkar Research Institute, Pune-411004

# 16. Rajasthan Chapter

# Chairman

**Prof. Hriday Narain Verma**, Pro-Chancellor/Pro-Chairman, Jaipur National University, Jagatpura, Jaipur – 302017

### Secretary

**Prof. N.K. Lohiya**, NASI Senior Scientist, Emeritus Medical Scientist & President, ISSRF, Centre for Advanced Studies, Dept. of Zoology, University of Rajasthan, Jaipur- 302004

### Advisors

- 1. **Prof. Vishwa Mohan Katoch**, Former NASI-ICMR Chair on Public Health Research, Rajasthan University of Health Sciences, Jaipur-302033
- 2. **Prof. S. L. Kothari**, Distinguished Professor of Biotechnology and Vice-President, Amity Science Technology and Innovation Foundation (ASTIF), Jaipur 302017
- 3. **Prof. Vinay Sharma**, Dean-Research, Director, Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur 303002

### Special Invitee

- 1. **Prof. Kiran Katoch**, Former Dr. AS Paintal Distinguished Scientist Chair of ICMR at IIHMR University, Jaipur 302004
- 2. **Prof. Anil Suri**, Mahatma Gandhi University of Medical Sciences & Technology, Jaipur

### Members

- 1. **Prof. K. K. Sharma**, Former Vice Chancellor, MDS University, Ajmer–305023;
- 2. **Prof. A. S. Ansari**, Professor, Department of Zoology, University of Rajasthan, Jaipur-302004

# 17. Tamil Nadu Chapter

### Chairman

**Prof. Govindasamy Sekar**, Professor, Department of Chemistry, IIT Madras, Chennai - 600036

(Other office bearers are to be finalized by the Chairman)

# 18. Telangana Chapter

#### Chairman

**Dr. Ch. Mohan Rao**, CSIR – Distinguished Scientist & J C Bose National Fellow, Senior Professor Emeritus and Head of the Department of Biological Sciences at the Hyderabad campus of Birla Institute of Technology and Science, Pilani

### Secretary

**Prof. Samar Kumar Das**, Professor, School of Chemistry, University of Hyderabad, Hyderabad- 500046

### Advisors

- 1. **Prof. Dumbala Srinivasa Reddy**, Director CSIR- Indian Institute of Chemical Technology Hyderabad , Uppal Road, Hyderabad 500007
- 2. **Prof. Basuthkar Jagadeeshwar Rao**, Vice-chancellor, University of Hyderabad, DR. CR Rao Road, Gachibowli, Hyderabad 500046
- 3. **Dr. G. Taru Sharma**, Director, National Institute of Animal Biotechnology (NIAB), Hyderabad 500032

### Special Invitee

- 1. **Prof. Appa Rao Podile**, JC Bose National Fellow, Senior Professor & Former Vice Chancellor, University of Hyderabad, Hyderabad 500046
- 2. **Dr. Sangita Mukhopadhyay**, Staff Scientist VII and Group Leader, Laboratory of Molecular Cell Biology, Centre for DNA Fingerprinting & Diagnostics, Inner Ring Road, Uppal, Hyderabad 500039

### Members

- Prof. Mamidipudi Ghanshyam Krishna, Associate Professor, School of Physics, University of Hyderabad, C.R.Rao Road, Gachibowli, Hyderabad-500046
- 2. **Prof. V. Kanchana**, Professor, Department of Physics, Indian Institute of Technology Hyderabad, Kandi, Sangareddy 502285 Telangana

# 19. Uttarakhand Chapter

#### Chairman

**Dr. Rajendra Dobhal**, Vice Chancellor, Swami Rama Himalayan University, Jolly Grant Swami Ram Nagar, beside Jolly Grant Airport, Dehradun, Uttarakhand-248016

### Secretary

**Prof. Ranjana Pathania**, Professor, Department of Biosciences & Bioengineering, Indian Institue of Technology Roorkee-247667

#### Advisors

- 1. **Dr. Diwan S. Rawat**, Vice Chancellor of Kumaun University in Nainital, Sleepy Hollow, Nainital-263001 Uttarakhand, India.
- 2. **Prof. B. R. Arora**, Former Director, Wadia Institute of Himalayan Geology, Dehradun 248001
- 3. **Dr. Chandra Shekhar Nautiyal**, Scientific Advisor, Swami Rama Himalayan University, Dehradun-248016

#### Special Invitee

 Dr. Prakash Chauhan, Director, Indian Institute of Remote Sensing, 4 Kalidas Marg, Dehradun-248001 2. **Dr. Anita Pandey**, Professor, Department of Biotechnology Graphic Era University, Bell Road, Society Area, Clement Town, Dehradun, Uttarakhand 248002

#### Members

- 1. **Dr. D.P. Uniyal**, Senior Scientific Officer, State Council for Science & Technology, Vigyan Dham, Jhajra, Dehradun 248007
- 2. **Prof. Rakesh Chandra Sundriyal**, Professor, Department of Forestry & Natural Resources Chauras Campus, Srinagar (Garhwal), Uttarakhand-246174

# 20. Varanasi Chapter

### Chairman

**Prof. Madhoolika Agrawal**, Professor, Department of Botany; Banaras Hindu University, Varanasi – 221005

# Secretary

**Dr. P.C. Abhilash**, Associate Professor, Institute of Environment & Sustainable Development (IESD), Banaras Hindu University, Varanasi – 221005

#### Advisors

- 1. **Prof. Mahendra Kumar Thakur**, NASI Senior Scientist, Former Professor & Head, Department of Zoology, Banaras Hindu University, Varanasi 221005
- 2. **Prof. Lal Chand Rai**, BHU Distinguished Professor, NASI Senior Scientist Formerly Head & Coordinator, CAS in Botany, Institute of Science, Banaras Hindu University, Varanasi 221005
- 3. **Prof. B.P. Mandal**, Sr. Professor, Department of Physics, Banaras Hindu University, Varanasi 221005

# Special Invitee

- 1. **Prof. K. N. Singh**, Head of the Department & Senior Professor of Organic Chemistry, Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi 221005
- 2. **Prof. Arun Deo Singh**, Senior Professor & Head, Department of Geology, Institute of Science, Banaras Hindu University, Varanasi 221005

#### Members

- 1. **Prof. Shashi Pandey**, Professor, Laboratory of Morphogenesis, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi -221005
- 2. **Dr. Vishal Mishra**, Assistant Professor, School of Biochemical Engg., IIT(BHU), Varanasi 221005

# The National Academy of Sciences, India

# 5, Lajpatrai Road, Prayagraj – 211002

# **Guidelines for NASI-Chapters** (working of chapters)

# **Purpose and Objectives**

- To promote the objectives of NASI at the regional/state level by establishing Local Chapters.
- To expand outreach in scientific communication, popularization, and public engagement.
- To strengthen linkages between local scientific institutions, universities and NASI.
- To encourage young researchers, teachers, and students to participate in scientific activities.

#### GOVERNANCE OF THE CHAPTER

# 1. Constitution of the Local Chapter Committees will be:

**Chairperson** – Fellow of NASI

Secretary cum Treasurer – Fellow of NASI

**Advisors** (3) – Fellow of NASI

NASI Members, MNASc, (2)

**Invitees** (NASI Fellows-Max. 2). These may be Past NASI President, Secretary, or Treasurer; Past Chapter Chairperson or Secretary; NASI Distinguished Professor, Sr. Scientist, NASI Hon. Scientist, etc.

**Tenure**: Maximum of up to three years.

After three years, the Committee will need to be reconstituted, allowing existing members to continue for one more term or to bring in new members, as per the Committee's recommendation.

Annual Review to assess the active participation of Chapter committee members. Inactive members would be replaced. Members relocating to another zone must be replaced ASAP.

# Financial Support

- NASI HQ may provide seed/annual grants (sum of Rs. 3 Lakhs) to support Chapter activities, subject to the availability of funds.
- Chapters may mobilize additional resources from local institutions, agencies, and sponsorships, with prior approval of NASI HQ.
- The Secretary/Treasurer shall maintain proper accounts, which must be audited annually and submitted to NASI HQ.

**Account Management**: Three options for the financial administration of the Chapters are recommended:

# a. Separate Bank Account Mode

- A separate Chapter Account can be opened in a bank within the host institution/university.
- The account shall be jointly operated by the Chairperson and the Secretary of the Chapter as authorized signatories.
- The account should be fully KYC compliant and maintained in accordance with prevailing banking regulations.
- The Secretary (cum Treasurer) shall be responsible for maintaining proper accounts, records of receipts and expenditure and preparation of financial statements.
- The audited accounts, along with the utilization certificate, should be submitted annually to NASI Headquarters within the prescribed timelines.
- The NASI PAN card should not be used for this account.

#### b. Institutional Mode

- A project Account can be opened in the host institution/university.
- The account shall be operated by a local chapter member, belonging to the institute.
- The Secretary (cum Treasurer) shall be responsible for maintaining proper accounts, records of receipts and expenditure and preparation of financial statements.
- The audited accounts (*internal audit*), along with the utilization certificate, should be submitted annually to NASI Headquarters within the prescribed timelines.

# c. Centralized HO Mode

- In this option, Chapter finances will be administered directly by NASI Headquarters through dedicated sub-accounts maintained for each Chapter.
- Expenditures will be processed and released electronically by HQ, based on duly recommended and certified claims submitted by the Chapter Secretary along with supporting bills/vouchers.
- The utilization certificate and audit will be undertaken at HQ.

# 2. Activities of the Chapters

Chapters are expected to organize:

- Lectures, symposia, and workshops on contemporary scientific issues.
- Science communication and popularization programmes (schools, colleges, communities).
- Commemorative events (National Science Day, National Space Day, etc.).
- Capacity-building activities for young researchers and teachers.
- Outreach in line with National initiatives (Swachh Bharat Mission, Digital India, etc.).
- Any other activity assigned/approved by NASI HQ.

A comprehensive list of recommended activities will include:

- S&T Interventions: Awareness and Training on Nutrition, Safe drinking water, Health & hygiene and on other topical areas. A mixed participation of rural and urban populations should be ensured.
- Lectures and Seminars by Scientists. The Foreign Secretary is to inform Chapters about NASI Foreign Fellows visiting India.
- Workshops and Training Programmes, especially on emerging areas
- Programmes for Popularization of Science and Technology, including Awareness Campaigns
- Collaborations with Local Institutions
- Skill Development, Innovation & Start-up Initiatives
- Special Programmes for Women & marginalized groups
- Health and Science Camps/Chaupals, especially in rural and semi-urban areas.

# 3. Annual Report:

The Chapter Secretary is required to submit an Annual Report to NASI by the first week of **April** every year, including proposed activities and budget estimates for the upcoming year, as well as budget requirements.

**Common Reporting Format:** A standardized reporting template for both activities and financial statements will be developed and shared with all the Chapters for adoption.

# 4. Performance Evaluation of Chapters

- Development of clear metrics/format to assess Chapter activity. Additionally, develop a matrix for evaluation, possibly by a committee established by the NASI President or Council.
- Chapters remaining inactive for three consecutive years will either undergo rejuvenation or closure.

# 5. Opening of New Chapter

Opening a new Chapter is to be considered by the Council as per the Rules
 & Regulations upon receiving a request for opening the Chapter.

# Eligibility for Establishing a Chapter

- The Fellows/Members may propose to open a Chapter in a State/Region where no NASI Chapter currently exists.
- The proposal must be formally supported by a minimum of 20 NASI Fellows/Members (preferably from the concerned State/Region).
- The proposal should clearly specify:
  - The justification for opening the Chapter in the region.
  - A preliminary plan of activities for at least the first year.
- The proposal will be placed before the NASI Council, whose decision regarding approval shall be final.