

## Selection Committee I-Mathematical Sciences

S. No.	Name & Address	Specialization	Email Address
1.	<b>Professor IBS Passi (Convener)</b> Indian Institute of Science Education and Research MGSIPA Complex, Sector-26, Mohali Chandigarh-160019	Algebra	ibspassi@yahoo.co.in
2.	<b>Professor R. Balasubramanian</b> Director, The Institute of Mathematical Sciences CIT Campus, Taramani, Chennai-600113	Theory of Numbers	director@imsc.res.in balu@imsc.res.in
3.	<b>Professor Dipendra Prasad</b> School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai-400005	Automorphic Forms, Number Theory	dprasad@math.tifr.res.in
4.	<b>Professor Rajendra Bhatia</b> ISI, 7, SJS Sansawal Marg, New Delhi-110016	Analysis of Linear operators	rbh@isid.ac.in
5.	<b>Professor SM Bhatwadekar</b> School of Mathematics Tata Institute of Fundamental Research, Homi Bhabha Road, Mumbai-400005	Commutative Algebra and Algebraic Geometry	smb@math.tifr.res.in smbhatwadekar@gmail.com
6.	<b>Dr. Rajeeva L. Karandikar</b> Chennai Mathematical Institute, H1 SIPCOT IT Park, Siruseri-603103	Probability and Statistics	rkarandikar@gmail.com rlk@cmi.ac.in
7.	<b>Professor NM Bujurke</b> PG Department of Mathematics Karnatak University, Dharwad-580003	Applied math fluid mechanics, computational techniques, wavelets, physiological fluid flows	bujurke@yahoo.com
8.	<b>Professor Manindra Agrawal</b> Dept. of Computer Science Indian Institute of Technology Kanpur-208016	Theory of Computation	manindra@iitk.ac.in
9.	<b>Professor Alope Dey</b> ISI, 7 SJS Sansawal Marg New Delhi-110016	Statistics	aloke.dey@gmail.com
10.	<b>Professor Phoolan Prasad</b> Department of mathematics IISc, Bangalore-560012	Theory of wave propagation, PDE&Fluid Dynamics	prasad@math.iisc.ernet.in

11.	<b>Professor Gadadhar Misra</b> Department of Mathematics Indian Institute of Science Bangalore-560012	Operator Theory, operator spaces	gm@math.iisc.ernet.in
12.	<b>Professor Kapil Paranjpe</b> Indian Institute of Science Education and Research MGSIPA Complex, Sector-26, Chandigarh-160019	Algebraic Geometry, Topology	kapil@iisermohali.ac.in
13.	<b>Professor Ajit Iqbal Singh</b> Visiting Professor ISI, 7, Shaheed JS Sansawal Marg New Delhi-110016	Functional and harmonic analysis	ajitis@sify.com
14.	<b>Professor Balwant Singh</b> Professor Emeritus, UM-DAE Centre for Excellence in Basic Sciences Mumbai University Campus Mumbai-400098	Algebraic geometry & commutative algebra	balwantbagga@gmail.com
15.	<b>Professor V. Kannan</b> Pro-Vice Chancellor University of Hyderabad, Hyderabad-500046	Analysis & Topology	vksm@uohyd.ernet.in
16.	<b>Professor M. Venkatachalappa</b> Centre for Advanced Studies Programme Department of Mathematics, Central College Campus Bangalore University, Bangalore-560001	Fluid mechanics, magneto hydrodynamics	mvenkatachalappa@hotmail.com
17.	<b>Professor (Ms) Rajinder Jeet Hans-Gill</b> CAS in Math, Panjab University Chandigarh-160014	Geometry of numbers, Discrete Geometry	hansgill@pu.ac.in

## Selection Committee II-Physics

S. No.	Name & Address	Specialization	Email Address
1.	<b>Professor N. Mukunda (Convener)</b> 103, 6 <sup>th</sup> Main Road, Malleswaram Bangalore-560003	Mechanics Optics & Mathematical Physics	nmukunda@gmail.com
2.	<b>Professor S. Dattagupta</b> Indian Institute of Science Education & Research NITTTR Campus, FC Block, Sector-III, Salt Lake Kolkata-700106	Structure & Dynamics of Condensed Matter	director@iiserkol.ac.in sushantad@gmail.com
3.	<b>Professor Deepak Mathur</b> Dept. of Atomic and Molecular Sciences Tata Institute of Fundamental Research Homi Bhabha Road, Mumbai-400005	Atomic and Molecular & Biological Physics	atom1@tifr.res.in
4.	<b>Professor Dhananjay Pandey</b> School of Materials Science and technology IT, BHU, Varanasi-221005	Condensed matter physics, materials science crystallography, structural phase transitions	dpandey_bhu@yahoo.co.in
5.	<b>Professor Rohini M. Godbole</b> Centre for High Energy Physics, Indian Institute of Science, Bangalore-560012	Theoretical High Energy Physics	rohini@cts.iisc.ernet.in
6.	<b>Dr. Praveen Chaddah</b> Director, UGC-DAE Consortium for Scientific Research, University Campus Khandwa Road, Indore-452017	Condensed Matter Physics	chaddah@csr.ernet.in director@csr.ernet.in
7.	<b>Professor ON Srivastava</b> Department of Physics BHU, Varanasi-221005	Hydrogen energy, nano science & Technology, materials	hepons@yahoo.com
8.	<b>Professor M. Lakshmanan</b> Centre for Nonlinear Dynamics Bharathidasan University, Tiruchirapalli-620024	Non-linear Dynamics & Theoretical Physics	lakshman@cndl.bdu.ac.in
9.	<b>Professor SV Bhatt</b> Department of Physics IISc., Bangalore	Physics of materials	svbhat@physics.iisc.ernet.in

10.	<b>Professor NK Mondal</b> Department of High Energy Physics Tata Institute of Fundamental Research Homi Bhabha Road, Mumbai-400005	Experimental particle physics, accelerator based and Nano acctr based particle physic & neutrino physics	nkm@tifr.res.in
11.	<b>Professor T Padmanabhan</b> Dean, Core Academy Programmes Inter-University Centre for Astronomy & Astrophysics, Pune-411007	Physics (Gravitation, Quantum Theory and Cosmology)	nabhan@iucaa.ernet.in paddy@iucaa.ernet.in
12.	<b>Professor R. Nityananda</b> National Centre for Radio Astrophysics TIFR, Post Bag-3, Ganeshkhind, Pune-411007	Optics, Statistical Physics, Gravitational Dynamics	rajaram@ncra.tifr.res.in
13.	<b>Professor Rahul Pandit</b> Dept. of Physics, Indian Institute of Science, Bangalore-560012	Statistical Mechanic of Phase Transitions Condensed Matter Theory, Spatiotemporal Chaos & Turbulence	rahul@physics.iisc.ernet.in
14.	<b>Professor AK Bhatnagar</b> School of Physics University of Hyderabad, Hyderabad-500046	Experimental solid state & materials science super conductivity & magnetism, glasses, films and nano- materials	anilb42@yahoo.com
15.	<b>Professor B. K. Agrawal</b> 15-D, Bank Road, Allahabad-211002	Condensed Matter Physics, Nanostructures and Superconductivity	balkagl@rediffmail.com
16.	<b>Professor NV Madhusudana</b> Liquid Crystal Lab Raman Research Institute CV Raman Avenue, SS Nagar Bangalore-560080	Liquid crystals	nvmadhu@rri.res.in
17.	<b>Professor Arup Kumar Raychaudhuri</b> Director, SN Bose National Centre for Basic Sciences JD Block, Sector-III, Salt Lake, Kolkata-700098	Low temperature Physics, Physics of nanomaterials, scanning probe microscopy	arup@bose.res.in

## Selection Committee III-Chemical Sciences

S. No.	Name & Address	Specialization	Email Address
1.	<b>Professor JS Yadav</b> Director, Indian Institute of Chemical Technology Hyderabad-500607	Organic chemistry	yadav@iict.res.in
2.	<b>Professor N Periasamy</b> Deptt. Of Chemical Sciences TIFR, Mumbai	Physical Chemistry	peri@tifr.res.in
3.	<b>Professor Biman Bagchi</b> Solid State Chemistry Unit, Indian Institute of Science, Bangalore	Physical Chemistry of Condensed Matter, Molecular Relaxation in Liquids, Dynamics of Complex Systems, Biophysics	bbagchi@sscu.iisc.ernet.in
4.	<b>Professor Santanu Bhattacharya</b> Deptt. Organic Chemistry Indian Institute of Science Bangalore	Chemical Biology, Supramolecular Chemistry & Nanomaterials	sb@orgchem.iisc.ernet.in
5.	<b>Professor RN Mukherjee</b> Department of Chemistry, IIT Kanpur	Inorganic Chemistry, Bio- inorganic Chemistry	rnm@iitk.ac.in
6.	<b>Professor N Chandrakumar</b> Department of Chemistry, IIT Madras, Chennai	Magnetic Resonance Spectroscopy & Imaging, Chemical Physics, Physical Chemistry, Instrumentation	nckumar@iitm.ac.in
7.	<b>Professor SK Dogra</b> Visiting Faculty Member School of Science IGNOU, New Delhi	Physical chemistry & photo chemistry	skdogra@iitk.ac.in
8.	<b>Dr. SK Ghosh</b> Bhabha Atomic Research Centre Mumbai	Theoretical Chemistry, Computational Materials Science, Soft Condensed Matter Physics	skghosh@barc.gov.in
9.	<b>Professor ED Jemmis</b> Director, IISER, Thiruvananthapuram	Theoretical & Computational Chemistry	jemmis@iisertvm.ac.in
10.	<b>Professor V K Singh</b> Director, IISER, Bhopal	Synthetic organic Chemistry	vinodks@iitk.ac.in
11.	<b>Professor V Chandrashekar</b> Department of Chemistry, IIT Kanpur	Inorganic Chemistry, organometallic chemistry	vc@iitk.ac.in

12.	<b>Dr. Javed Iqbal</b> Director, Institute of Life Science University of Hyderabad Hyderabad-500046	Organic and organometallic chemistry	tiqbal@itsresearch.org
13.	<b>Dr. Anil Kumar</b> Scientist, Physical Chemistry Division National Chemical Laboratory Pune-411008	Physical, organic chemistry	a.kumar@ncl.res.in
14.	<b>Professor S Chandrashekar (Convenor)</b> Department of Organic Chemistry Indian Institute of Science Bangalore	Synthetic organic chemistry, Natural Products	scn@orgchem.iisc.ernet.in
15.	<b>Professor Mihir K. Chaudhuri</b> Vice Chancellor, Tezpur University	Inorganic chemistry	mkc@tezu.ernet.in
16.	<b>Professor JS Sandhu</b> Department of Chemistry Punjabi University Patiala-147002	Bio-organic chemistry & Organic chemistry	j_sandhu2002@yahoo.com
17.	<b>Professor Vishwakarma Singh</b> Department of chemistry IIT, Bombay Powai, Mumbai-400076	organic chemistry	vks@chem.iitb.ac.in

## Selection Committee IV-Engineering & Technology

S.No.	Name & Address	Specialization	Email Address
1.	<b>Professor SC Dutta Roy (Convener)</b> Dept. of Electrical Engineering IIT, Delhi, Hauz Khas, New Delhi-110016	Circuits, systems & signal processing	s.c.dutta.roy@gmail.com
2.	<b>Professor V. Kumaran</b> Deptt. of Chemical Engineering, Indian Institute of Science, Bangalore-560012	Chemical Engineering	kumaran@chemeng.iisc.ernet.in
3.	<b>Professor Amitabha Ghosh</b> Bengal Engg. & Science University, Shibpur, PO Botanic Garden, Howrah-711003	Mechanical Engineering	amitabha@iitk.ac.in
4.	<b>Professor K Chattopadhyay</b> Chairman, Department of Materials Engineering, Indian Institute of Science, Bangalore-560012	Physical Metallurgy and Materials Engineering	kamano@materials.iisc.ernet.in
5.	<b>Professor SP Sukhatme</b> Professor Emeritus, Mech. Eng. Department, IIT, Powai, Mumbai-400076	Heat, Transfer & Energy	sukhatme@iitb.ac.in
6.	<b>Professor Sanjay Mittal</b> Dean, Academic Affairs IIT, Kanpur-208016	Unsteady Aerodynamics, finite elements, high performance computing	smittal@iitk.ac.in
7.	<b>Professor J Nanda</b> IIT, Delhi-110016	Electrical Engineering, Power System	janardannanda@yahoo.co.in
8.	<b>Professor Ashutosh Sharma</b> Dept. of Chemical Engg., IIT, Kanpur-208016	Nanotechnology, Patterning & Self Organization of Soft Materials, Mesomechanics, Colloid and Interface, Thin Films, Membranes, Funcnional Materials	ashutos@iitk.ac.in
9.	<b>Professor JB Joshi</b> Instt. of Chemical Technology, Mumbai-400019	Chemical Engineering	jb.joshi@ictmumbai.edu.in
10.	<b>Professor V Ramamurthi</b> Old No. 2/New No. 5, Fourth Main Road, Kasturba Nagar, Chennai-600020	Mech. Engineering, Stress Analysis/vibration	ramamurthi@hotmail.com
11.	<b>Professor Surendra Prasad</b> Director, IIT Delhi, New Delhi-110016	Signal processing and communications	sprasad@ee.iitd.ernet.in

12.	<b>Professor Anurag Kumar</b> Dept. of Electrical Communication Engg. Indian Institute of Science, Bangalore-560012 Tel: 080-23600855 (O), 23415032 (R)	Communication network	anurag@ece.iisc.ernet.in
13.	<b>Professor BC Nakra, FNA/Dr. Chitra Mandal, FNA</b>	Vibration Engg & Machine Dynamics, Instrumentation & Controls	bcnakra@hotmail.com cmandal@iicb.res.in chitra_mandal@yahoo.com

## Selection Committee V- Earth Sciences

S. No.	Name & Address	Specialization	Email Address
1.	<b>Professor Ashok Sahni (Convenor)</b> CAS in Geology, Lucknow University Lucknow	Geology, Vertebrate Palaeontology	ashok.sahni@gmail.com
2.	<b>Professor AK Jain</b> Department of Earth Science IIT, Roorkee	Geology, Structural Geology & Tectonics	himalfes@iitr.ernet.in
3.	<b>Dr. GS Lakhina</b> Indian Instt. of Geomagnetism, New Panvel, Navi Mumbai	Geomagnetism & Atmospheric Sciences	lakhina@iigs.iigm.res.in
4.	<b>Professor Somnath Dasgupta</b> Westwind, Block-4, Flat No. 3B 78, Raja SC Mullick Road Kolkata-700084	Metamorphic Petrology, Geochemistry, Precambrian Geology	somnathdg@rediffmail.com
5.	<b>Professor R Ramesh</b> Planetary and Geosciences Division PRL Ahmedabad	Stable Isotope Palaeoclimatology, Mass Spectrometry, Mathematical Modeling	rramesh@prl.res.in
6.	<b>Professor V Rajamani</b> School of Environmental Sciences, JNU New Delhi	Geochemistry	rajamani44@hotmail.com
7.	<b>Professor DM Banerjee</b> Dept. of Geology, University of Delhi New Delhi	Precambrian Sedimentology, Sedimentary Geochemistry	dhirajmohanbanerjee@yahoo.co.in dhiraj1942@gmail.com
8.	<b>Professor Mihir Deb</b> Dept. of Geology, University of Delhi New Delhi	Ore Geology, Geochemistry, Precambrian Geology	mihirdeb@gmail.com
9.	<b>Professor VP Dimri</b> NGRI, Hyderabad	Geophysics, Fractals, Signal Processing	dimrivp@yahoo.com vijay.dimri@gspc.in
10.	<b>Professor Nibir Mandal</b> Department of Geological Sciences Jadavpur University, Kolkata	Structural Geology, Tectonics	nibirmandal@hotmail.com
11.	<b>Professor Archana Bhattacharyya</b> Indian Institute of Geomagnetism, Kalamboli New Panvel, Navi Mumbai, Mumbai	Ionospheric Physics, Geomagnetism, Space Weather	abh@iigm.res.in
12.	<b>Professor Kanchan Pande</b> Dept. of Earth Sciences, IIT Bombay	Geochronology/Isotope Geology	kanchanpande@iitb.ac.in
13.	<b>Professor RS Sharma</b> 70/36, Pratapnagar, Sector-7, Sanganer (RHB), Jaipur-302033	Metamorphic Petrology, Precambrian Geology	sharma.r.sw@gmail.com

## Selection Committee VI-Biomedical Sciences

S.No.	Name & Address	Specialization	Email Address
1.	<b>Professor Dipankar Chatterji (Convener)</b> Molecular Biophysics Unit, Indian Institute of Science, Bangalore-560012	Molecular Biology	dipankar@mbu.iisc.ernet.in
2.	<b>Professor PP Majumder</b> Director, National Institute of Biomedical Genomics, Netaji Subhas Sanatorium, 2 <sup>nd</sup> Floor, Kalyani-741251	Genomics/Molecular Sciences      Genetics/Medical	ppm1@isical.ac.in
3.	<b>Professor GB Nair</b> Director, National Institute of Cholera and Enteric Diseases, P-33, CIT Scheme XM, Beliaghata, Kolkata-700097	Medical and Molecular Microbiology	gbnair_2000@yahoo.com
4.	<b>Professor Shahid Jameel</b> Group Leader, Virology Group, Centre for Genetic Engineering & Biotechnology (ICGEB) Aruna Asaf Ali Marg, New Delhi-110067	Virology	shahid@icgeb.res.in shahid.jameel@lycos.com
5.	<b>Professor Kanury VS Rao</b> Head Immunology Group, International Centre for Genetic Engineering & Biotechnology (ICGEB), Aruna Asaf Ali Marg, New Delhi-110067	Immunology	kanury@icgeb.res.in
6.	<b>Professor Subrata Sinha</b> Director, National Brain Research Centre (NBRC), Nainwal Mode, Manesar, Gurgaon-122050	Molecular oncology	director@nbrc.ac.in subrata.sinha@nbrc.ac.in
7.	<b>Professor BS Ramakrishna</b> Department of Gastrointestinal Sciences, Christian Medical College, Vellore-632004	Gastroenterology	rama@cmcvellore.ac.in
8.	<b>Professor MRN Murthy</b> Molecular Biophysics Unit, Indian Institute of Science, Bangalore-560012	Biophysics/structural biology	mrn@mbu.iisc.ernet.in
9.	<b>Professor Satyajit Mayor</b> National Centre for Biological Sciences (NCBS), UAS-GKVK Campus, Bellary Raod, Bangalore-560065	Cell Biology	mayor@ncbs.res.in

10.	<b>Professor SK Saidapur</b> (Former VC, KU), Department of Zoology, Karnatak University, Dharwad-580003	Reproduction/Edocrinology/Animal behavior	saidapur@gmail.com
11.	<b>Dr. Somdatta Sinha</b> Centre for Cellular & Molecular Biology (CCMB), Hyderabad-500007	Computation biology	sinha@ccmb.res.in somedattasinha@gmail.com
12.	<b>Dr. Pijush Das</b> Indian Institute of Chemical Biology (IICB) 4 Raja SC Mullick Road, Kolkata-700032	Parasitology/Immunology	pijushdas@iicb.res.in pijush52@gmail.com
13.	<b>Professor G Marimuthu</b> Department of Animal Behaviour & Physiology, School of Biological Sciences, Madurai Kamaraj University, Madurai-625021	Animal Behaviour and chronobiology	gmari@sancharnet.in mailbox_gm@rediffmail.com
14.	<b>Professor TJ Pandian</b> School of Biological Sciences, Madurai Kamaraj University, Madurai-625021	Animal Sciences & Fish Genetics	tjpandian@rediffmail.com
15.	<b>Professor K Muralidhar</b> Department of Zoology, Delhi University, Delhi- 110007	Biochemistry & Endocrinology	kambadurmurali2001@rediffmail.com
16.	<b>Professor SC Lakhotia</b> Department of Zoology, Banaras Hindu University (BHU), Varanasi-2211005	Cytogenetics, Molecular Genetics & Cell Biology	lakhotia@bhu.ac.in sclakhotia@yahoo.co.in
17.	<b>Professor Sher Ali</b> Chief, Molecular Genetics Laboratory, National Institute of Immunology (NII), Aruna Asaf Ali Marg, New Delhi-110067	Molecular Genetics of Human and Animal Systems	alisher@nii.res.in sheralib5@hotmail.com

## Selection Committee

### VII-Plant and Agriculture Sciences

S. No.	Name & Address	Specialization	Email Address
1.	<b>Professor JP Khurana (Convener)</b> Department of Plant Molecular Biology University of Delhi, South Campus, Benito Juarez Marg, New Delhi-110021	Photobiology and Signal Transduction Mechanisms in Higher Plants, Plant Genomics	khuranaj@genomeindia.org
2.	<b>Professor Usha Vijayraghavan</b> Department of Microbiology & Cell Biology Indian Institute of Science, Bangalore-560012	Molecular Genetics, Plant Development	uvr@mcbl.iisc.ernet.in
3.	<b>Professor SK Apte</b> Associate Director, Biomedical Group & Head, Molecular Biology Division, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai-400085	Molecular Biology, Biochemistry, Microbial and Plant Biotechnology	sksmbd@barc.gov.in aptesk@barc.gov.in
4.	<b>Professor JS Singh</b> Professor Emeritus, Department of Botany, Banaras Hindu University (BHU) Varanasi-221005	Ecology	singh.js1@gmail.com singh_js1@yahoo.com jssingh@bhu.ac.in
5.	<b>Professor SP Singh</b> Advisor, SGRR Education Mission ITS Building, Patel Nagar, Dehradun-248001	Ecology and Ecosystem Services and Climate Change	surps@yahoo.com
6.	<b>Professor M Udayakumar</b> Department of Crop Physiology, University of Agricultural Sciences, GKVK, Bangalore-560065	Crop Physiology, Plant Molecular Biology	udayakumar_m@yahoo.com
7.	<b>Professor KN Ganeshiah</b> School of Ecology and Conservation, University of Agricultural Sciences, GKVK, Bangalore-560065	Plant Reproductive Ecology, Conservation Biology, Insect Behaviour & Crop Breeding	knganeshiah@gmail.com
8.	<b>Professor Yadvinder Singh</b> Department of Soils, Punjab Agricultural University (PAU), Ludhiana-141002	Soil Science	yadvinder16@rediffmail.com
9.	<b>Professor Deepak Pental</b> (Former VC, DU), Director, Center for Genetic Manipulation of Crop Plants, University of Delhi, South Campus, New Delhi-110021	Breeding of Mustard, Transgenic Crops	dpental@gmail.com
10.	<b>Professor HS Balyan</b> Department of Genetics & Plant Breeding, Chaudhary Charan Singh University, Meerut-250004	Genetics, Plant Breeding & Crop Biotechnology	hsbalyan@gmail.com hsbalyan@rediffmail.com

11.	<b>Professor TK Adhya</b> Director, Central Rice Research Institute, Cuttack-753006	Environmental Microbiology	directorcrri@satyam.net.in adhyas@yahoo.com
12.	<b>Dr. Randhir Singh</b> Director, JMIT Radaur, Distt. Yamuna Nagar, Haryana	Plant Biochemistry & Biotechnology	randhirbiotech@yahoo.com principal@jmit.ac.in
13.	<b>Dr. Akhilesh Tyagi</b> Director, National Institute of Plant Genome Research (NIPGR) New Delhi	Plant Genomics & Bio-Technology	akhilesh@genomeindia.org director@nipgr.res.in