

**Centre for Science & Technology
of the Non-Aligned and Other Developing Countries
(NAM S&T Centre)**

**RESEARCH TRAINING FELLOWSHIP
FOR DEVELOPING COUNTRY SCIENTISTS
(RTF-DCS)**

**Guidelines and Announcement
2015 -16**

**Programme Sponsored by:
Department of Science & Technology (DST),
Ministry of Science & Technology
GOVERNMENT OF INDIA**

RESEARCH TRAINING FELLOWSHIP FOR DEVELOPING COUNTRY SCIENTISTS (RTF-DCS) 2015 – 16

I. INTRODUCTION

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) is presently implementing a Fellowship scheme titled 'Research Training Fellowship for Developing Country Scientists (RTF-DCS)' to provide opportunity to young researchers of the developing countries for their capacity building in science and technology through their affiliation with premier academic and research institutions in India to carry out short-term research work. Full financial support is provided to the research fellows for their international travel, subsistence allowance, research contingency, domestic travel in India, etc under this scheme, which has been sponsored by the Government of India, Department of Science & Technology (DST), Ministry of Science & Technology.

In the fourth year of implementation of the RTF-DCS scheme, the NAM S&T Centre invites applications from the eligible researchers of the developing countries for the Fellowship for the financial year 2015-16 (1st April 2015 to 31st March 2016).

II. OBJECTIVES

The RTF-DCS is a destination India Fellowship with the following objectives:

- To promote mobility of scientists and researchers from the developing countries into India and provide them opportunity to work at Indian R&D/academic institutions to upgrade their research skills and expertise.
- To facilitate exchange of information and contacts between the scientists and researchers of India and other developing countries and create a network for building research collaborations.

As a spin off, the Fellows may also have opportunity to get co-supervisors from India for their research projects for Ph.D. or M. Tech. degree on their return to their home countries.

III. ABOUT THE NAM S&T CENTRE

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; www.namstct.org) is an inter-governmental organisation with a membership of 47 developing countries spread over Asia, Africa, Middle East and Latin America. The Centre was set up in 1989 in New Delhi, India in pursuance of the recommendations of various NAM Summit meetings for the promotion of South-South cooperation in science and technology. The Centre undertakes a variety of programmes, including organisation of workshops, symposiums, meetings and training courses and implementation of collaborative projects. It also offers short-term research fellowships to scientists from developing countries in association with the Centres of Excellence in various countries. The Centre also publishes technical books and other scientific material on different subjects. These activities provide opportunity for scientist-to-scientist contact and interaction; familiarising participants on the latest developments and techniques in the subject areas; identification of the requirements of training and expert assistance; locating technologies for transfer between the members and other developing countries, dissemination of S&T information etc. In addition to the above, the Centre encourages academic-research-industry interaction in the developing countries through its NAM S&T-Industry Network.

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Even though the NAM S&T Centre has only 47 countries as its members, scientists and researchers from almost all the developing countries over the world take part in its various scientific activities from time to time.

IV. NUMBER OF FELLOWSHIPS

Fifty (50) scientists and researchers from the developing countries will be selected this year under the RTF-DCS Scheme to get affiliated with Indian academic and R&D institutions.

V. DURATION OF FELLOWSHIP

The Fellowship will be for a period of **six months**, but some variation in the duration may be allowed with prior approval of the NAM S&T Centre depending upon the actual requirement of the research project as mutually agreed between the Fellow and the host institution.

VI. AREAS IN WHICH FELLOWSHIPS ARE AVAILABLE

India has a vast and excellent infrastructure for Education and Research in Science, Technology and Engineering. There are 687 Universities and extensive networks of more than 4000 S&T Institutions, including several institutes of national importance, which are mostly Government supported and cover virtually every branch and facet of science, technology and engineering.

For this year, Fellowship will be offered for working in research topics under any of the following **broad disciplines**:

1. **Agricultural Sciences**
2. **Biological and Medical Sciences**
3. **Chemical Sciences**
4. **Physical Sciences and Mathematics**
5. **Earth Sciences**
6. **Engineering Sciences**
7. **Materials, Minerals and Metallurgy**
8. **Multi-disciplinary and Other Areas**

A suggestive list of Indian institutions along with the areas of research offered by them is enclosed (Please see Para-3 under Section – VIII: Submission of Application and Selection Criteria).

VII. ELIGIBILITY

1. Applicant should possess at least a Post Graduate Degree in any Natural Science subject or an equivalent degree in Technology / Engineering / Medicine / allied disciplines.
2. Applicant should be working in a national R&D or academic institution in his/her home country. The application should be endorsed by the Head of his/her institution confirming that if selected, he/she will be sanctioned leave for the Fellowship period and will join his/her duties back in the institution on completion of the Fellowship in India.
3. The upper age limit for the applicant is **40 years as on 1st January 2015**.
4. **Indian nationals are not eligible for the Fellowship.**

VIII. SUBMISSION OF APPLICATION AND SELECTION CRITERIA

1. The Application should be submitted only online by using the following link.

<http://goo.gl/FsQ4gB>

Before you start filling up the form, please keep the following documents ready to be uploaded.

- i. Curriculum Vitae (**in MS Word format, not more than two Pages**), including Professional and Research Experience and List of Latest Publications (**Not more than five**)
- ii. Research Proposal with Objectives, Scope of Work, Plan of Action, Methodology and Deliverables (**in MS Word format**).
- iii. Recent Passport size Photograph.
- iv. Copy of Relevant Pages of your Passport
- v. Copy of Recommendation letter of your present employer duly filled and signed along with your Signature (*Take a print out of the format of recommendation letter that is appended at the end of this Announcement and scan the appropriately filled up document for uploading*).
- vi. A copy of the letter / e. mail (**if obtained**) from any Indian scientist/institution with consent to accept you to work with them, if you get selected by the NAM S&T Centre (Please refer to Para – VIII. 2). This is however not mandatory, but may be helpful in your selection.

After submission of Application Form, if you do not receive within one week an Acknowledgement on your personal email ID provided at the time of submission, then kindly re-submit your application or contact us at rtfdcs15@gmail.com

2. It is strongly advised that the applicant, in his/her own interest, should make a prior contact with an Indian institution, where work is in progress in his/her area of interest, or a concerned scientist in India, and obtain consent that the applicant, if selected for the RTF-DCS, will be accepted to work in the institution on the proposed research project. A copy of such consent letter, if obtained, should be enclosed with the application.

In this connection, a suggestive list of Indian academic and R&D institutions has been enclosed with this Announcement to help the applicant. But the applicant is free to contact any other institution in India for his/her affiliation.

However, even if the applicant has not been able to secure prior consent from any Indian institution, the NAM S&T Centre itself will try to find out a suitable matching institute on the basis of the information provided by the applicant and his/her research proposal submitted along with the application.
3. Securing a prior consent from an Indian institution/scientist does not guarantee the selection of an applicant. All applications received by the due date will be scrutinized in consultation with the concerned Indian institutions and the selection will be made by a Selection Committee based on the quality of the research proposal submitted by the applicant, applicant's academic merit and available slots in the Fellowship scheme.
4. Any correspondence, if required, seeking clarifications about RTF-DCS scheme should be made only through e.mail (not by FAX or post) at rtfdcs15@gmail.com. Please do not use any other e. mail ID of the NAM S&T Centre for this purpose.

5. The last date for submission of completed application form is **Monday, 15th June 2015.**

IX. FINANCIAL AND OTHER TERMS & CONDITIONS

1. Full financial assistance will be provided to the selected Fellows which will include the following:-
 - a. Round trip international airfare by excursion/economy class and by shortest route from the international airport in the home country to the international airport nearest to the host institution.
 - b. A consolidated Fellowship amount of Indian Rupees (INR) 35,000 [about US\$560 at the current exchange rate] per month (non-taxable) for accommodation, meals and other miscellaneous expenses.
 - c. One-time grant of INR 30,000 [about US\$480 at the current exchange rate] for research contingency expenses and domestic travel for airport transfers and visiting research institutions, attending scientific /events and field-trips within India.

The allowance as in (b) and the actual expenditure as in (c) will be released to the host institution for disbursement to the RTF-DCS Fellow.

The host Institution will arrange appropriate accommodation for the Fellow on payment basis.

The host institution will also be suitably compensated for its services for implementation of the programme.
2. The selected Fellow will take an appropriate policy for health insurance coverage for the period of stay in India. The cost for taking the insurance policy is not reimbursable by the NAM S&T Centre.

The NAM S&T Centre will purchase the air ticket for his/her travel to India only after receiving the insurance policy document of the selected Fellow.

The selected Fellow must take vaccinations (such as Yellow Fever, Polio etc.), as may be required under Government of India guidelines.

3. Individual Fellow, or his/her government / institution, is required to bear the following costs:
 - a. All expenses in the home country incidental to travel abroad, including expenditure incurred to obtain passport and visa and for medical examinations and vaccinations as may be required as well as other miscellaneous expenses such as internal travel to/from the international airport of departure in the home country.
 - b. Salary and other related allowances in the home country, if applicable, during the Fellowship period.
 - c. Cost towards the medical insurance to cover the period of Fellowship in India.
4. Neither the NAM S&T Centre nor the host institution in India will assume any responsibility whatsoever for the following expenditure of the Fellows during the tenure of the Fellowship:
 - a. Insurance, medical bills or hospitalisation fees.
 - b. Compensation in the event of death, disability or loss of personal belongings or compensation for damage caused by climatic or other conditions.
 - c. Travel and other costs incurred by the dependents, who might accompany the Fellows.

X. OBLIGATIONS OF THE RTF-DCS FELLOWS

The Fellows will observe the regulations and procedures stipulated below. If they fail to do so, the Fellowship shall be withdrawn.

- a. During their tenures, Fellows shall not, either in or outside the host institution, infringe in any way on the human rights of others, including racial or gender discrimination or other forms of abuse.
- b. Fellows shall stay in India continuously during the tenure of the fellowship and concentrate on their scientific work at the host institution. Fellows shall not engage in other work, either paid or unpaid, during their tenure.
- c. The Fellows shall follow the rules of the host institution and shall not undertake any acts of research misconduct, e.g., fabricating or falsifying research results and misuse of research funds.
- d. A Fellow shall submit a research report to the NAM S&T Centre on completion of his/her tenure.

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RECOMMENDATION OF PRESENT EMPLOYER

The application of Dr./Mr./Mrs./Ms....., whose signature is given below, is recommended for consideration by the NAM S&T Centre for the **Research Training Fellowship for Developing Country Scientists (RTF-DCS)** in India. If selected, Dr./Mr./Mrs./Ms.will be sanctioned leave for the Fellowship period of **six months** and will join his/her duties back in this Organisation on completion of the Fellowship period in India.

Signature of Applicant

Name of the recommending officer (in Full)

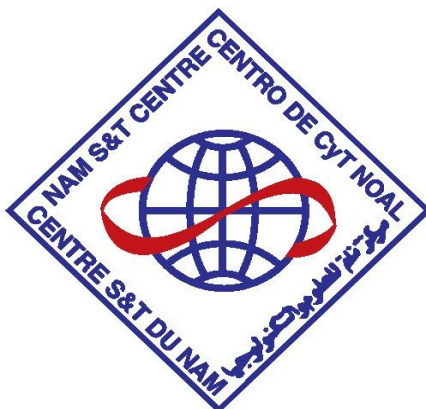
Designation:

Signature of Recommending Officer :

Place:

Date:

Seal:



**RESEARCH TRAINING FELLOWSHIP
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(RTF-DCS)**

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**List of Indian Institutions
with Research Areas**

**Centre for Science & Technology
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List of Indian Institutions with Research Areas

(This is only a suggestive list of Indian institutions which may be suitable for joint research opportunity to scientists interested to apply for Fellowship under RTF-DCS Programme. The applicants are however free to approach any other institutions in India relevant to their areas of interest)

Number of Institutes listed in this document		
S.No	Areas of Research	Total
I.	Agricultural Sciences	66
II.	Biological and Medical Sciences	56
III.	Chemical Sciences	09
IV.	Physical Sciences and Mathematics	15
V.	Earth Sciences	17
VI.	Engineering Sciences	23
VII.	Materials, Minerals and Metallurgy	09
VIII.	Multi-disciplinary and Other Areas	15
Total		210

No.	Name of Institution	Research Areas	Contact Person
I	Agricultural Sciences		
I.1	Indian Agricultural Research Institute (IARI), New Delhi (www.iari.res.in)	Genetics & Plant Breeding; Plant Pathology; Microbiology; Post Harvest Technology	Dr. I. Sekar , Principal Scientist & In-charge PME Tel.: +91-11-25842416 Email: incharge_pme@iari.res.in
I.2	Indian Institute of Horticultural Research, Bangalore, Karnataka (www.iihr.ernet.in)	Horticultural Research: Biotechnology; Entomology; Pathology	Dr. M. Krishna Reddy Mobile: +91-9449671343 Email: mkreddy60@gmail.com , mkreddy@iihr.ernet.in
I.3	Agharkar Research Institute, Pune, Maharashtra (www.aripune.org)	Biodiversity & Palaeobiology, Bioenergy, Bioprospecting, Development Biology, Genetics & Plant Breeding, Nanobioscience	Dr. K. M. Paknikar , Director Tel.: +91-20-25654357 Email: director@aripune.org
I.4	National Research Centre on Meat, Boddupal, Hyderabad (www.nrcmeat.org.in)	Meat animal and meat inspections; Fresh meat Technology; Processed meat Technology	Dr. V. V. Kulkarni , Director Tel.: +91-40 -27204541, 27201674, Extn: 201 Fax: +91-40 -27201672 Email: nrcmeat_director@yahoo.co.in

I.5	National Dairy Research Institute, Karnal, Haryana (www.ndri.res.in)	Dairy & Food Technology; Dairy Microbiology; Artificial Animal Breeding; Animal Reproduction; Animal Biotechnology; Animal Genomics; Animal Nutrition	Dr. A. K. Srivastava , Director Tel.: +91-184-2252800 Email: dir@ndri.res.in
I.6	National Bureau of Plant Genetic Resources (NBPGR), New Delhi (www.nbpgr.ernet.in)	Plant Genetic Resources (PGR) Management and Use, Policy Issues on Exchange of Genetic Resources: Quarantine, IPR; Assessing Economic Value; Conflicts over Ownership Management and Use; National and International Treaties / Legislation; CBD, IT-PGRFA, GPA, PVP&FR Act, Biodiversity Act etc, Genomics and Bioinformatics: Genomic Resources Generation, Use and Conservation, GM Crops; GM Detection Techniques	Dr. I.S. Bisht , Principal Scientist & Professor Tel.: +91-11-25843697 Mobile: +91-9873425491 Email: bishtis@nbpgr.ernet.in , bishtis@rediffmail.com Dr. K.V. Bhat , Principal Scientist and Officer-in-Charge, Division of Genomic Resources Tel: 011-25849214, 9208, 3296 Ext. 264 Email: kvbhat2001@yahoo.com
I.7	Forest Research Institute (FRI), Dehradun, Uttarakhand (fri.icfre.gov.in)	Forest Management, Menstruation and JFM Silviculture, Agro Forestry and Urban Forestry, Climate Change, Wood Science and Technology, Biodiversity Conservation, Forest Protection, Chemistry of Natural Product, NWFP; Ecology and Environment, Forest Genetics and Tree Propagation	Dr. P.S. Rawat , Scientist - D, Research Coordination Section Tel.: +91-135-2224353 Email: rawatps@icfre.org Dr. Sadhna Tripathi , Scientist F Tel.: 0135-2224398 Email: tripathis@icfre.org
I.8	Institute of Forest Genetics and Tree Breeding, Coimbatore, Tamil Nadu (ifgtb.icfre.gov.in)	Tree improvement; Bamboo Cultivation; Bio-prospecting of Forest Natural Resources; Gene function Analysis and Transgenic for Salt and Insect Tolerance in Trees; Climate Change Adaptation Research in Trees with Specific Reference to Elevated CO ₂ ; Tree Physiology and Seed Biochemistry; Seed Science & Technology; Species Recovery Research on Threatened Species; Insect Diversity in relation to Tree Cultivation; Biopesticides; Techniques in Mycorrhizae/Beneficial Microbes (Biofertilizers); Non Timber Forest Produce and Tree Borne Oil Seeds Genetics; Plant Microbiology	Dr. Mathish Nambiar – Veetil Tel.: +91-422- 2450542 Mobile:+91- 9488167842 Email: mathish@icfre.org
I.9	Tropical Forest Research Institute, Jabalpur, Madhya Pradesh	Development of Agro-forestry models; Genetics and Plant Propagation; Forest Pathology;	Director or Head Extension Divison Tel.: +91-761-2840483,

	tfri.icfre.gov.in	Silviculture and joint Forest Management; Sustainable harvesting and cultivation techniques; Forest Entomology; Forest Ecology and rehabilitation; studies on plant diversity, ethnobotany, ecotones, influence of climate change on biodiversity, documentation of indigenous traditional knowledge of plant resources	2840627 Fax: +91-761-2840483 Email: dir_tfri@icfre.org
I.10	Central Soil Salinity Research Institute, Karnal, Haryana (cssri.nic.in)	Reclamation and Management of Salt Affected Soils; Physics and Chemistry of Saline and Sodic Soils; Assessment of Salt Affected Soils through Remote Sensing and GIS; Conservation Agriculture and Integrated Nutrient Management on Salt Affected Soils; Enhancing Water Productivity through Multi Enterprise Agriculture; Management of Poor Quality Waters in Agriculture and Other Land Uses; Bio-Remediation of Waste Waters; Bio-Drainage for Controlling Water Logging and Soil Salinity; Carbon Sequestration Potential in Saline Environment under Changing Climatic Conditions; Solid Waste Management for Soil Improvement	Dr. D. K. Sharma , Director Tel.: +91-184-2290501 Email: director@cssri.ernet.in Dr. T. Damodaran , Regional Research Station, Lucknow Email: damhort@cssri.ernet.in Dr. Parbodh Chander Sharma , Principal Scientist Tel.: +91-184-2209329 Email: pcsharma@cssri.ernet.in
I.11	Indian Veterinary Research Institute (IVRI), Bareilly, Uttar Pradesh (www.ivri.nic.in)	Veterinary Research: Molecular Diagnosis for Animal Diseases; Rumen Microbes and Their Role in Feed Degradation; Fracture Management in Large Animals; Rapid Detection of Food Borne and Zoonotic Pathogens; Stem Cell Research and Therapeutic Use	Dr. P. Joshi , Acting Joint Director Mobile: +91-9897279493 Email: pj@ivri.res.in
I.12	Central Institute of Post-Harvest Engineering & Technology, Ludhiana, Punjab (www.ciphnet.in)	Post-Harvest Engineering: Rapid Evaluation of Food Quality and Safety; Packaging and Storage of Agricultural Produce and Products; Extrusion Processing Technology; Micro-encapsulation; Milling of Food Grains and Oilseeds	Dr. R.K. Gupta , Head (FG & OP) Mobile: +91-9872859024 Email: rkguptaciphnet@gmail.com
I.13	Central Marine Fisheries Research Institute, Kochi, Kerala (www.cmfri.org.in)	Marine fish catch estimation through Multistage Stratified Random Sampling; Marine Fish Stock Assessment; Ecosystem Approaches to Fisheries Management (EAFM);	Dr. A. Gopalakrishnan , Director Tel.: +91-484-2394798 Fax: +91-484-2394909/ 2396685 Email: director@cmfri.org.in

		<p>Taxonomy of Marine Finfish, Shellfish, Corals, Sponges and Marine Mammals; Cage culture of Marine fish and Integrated Multitrophic Aquaculture (IMTA); Marine Bivalve farming; Mabe pearl production from pearl oyster; Breeding and seed production of marine food and ornamental fish; GIS application in capture fisheries; Remote sensing and GIS for marine fisheries resource management; Carbon foot print and life cycle analysis in marine environment; Vulnerability Assessment and livelihood analysis; Artificial Reef for conservation and resource management; Fish age estimation; Bionomics of marine fish and shellfish; Genetic stock structure analysis using advanced molecular markers; DNA Barcoding of marine organisms; Functional genomics; Marine fish cell line development; Disease diagnosis of marine organisms; Feed formulation and fish nutrition; Marine Bio-prospecting and development of nutraceuticals; Proximate composition analysis of finfish and shellfish; Economic valuation of marine biodiversity; Gender mainstreaming in fisheries; Fish supply chains; Policy analysis and development</p>	
I.14	<p>Central Institute of Fisheries Technology, Kochi, Kerala (www.cift.res.in)</p>	<p>Harvest and Post-harvest Technology Development in Fisheries - Fishing Technology; Fish Processing Technology; Fish Biochemistry & Nutrition; Microbiology; Biotechnology and Fermentation; Quality Assurance & Management; Fishery Engineering and Fisheries Extension; Economics & Statistics</p>	<p>Dr. S. Balasubramaniam, HOD, Extension Division Tel.: +91-484-2666845, Extn: 316 Email: balako@rediffmail.com</p>
I.15	<p>ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha (www.cifa.in/web/)</p>	<p>Aquaculture and Molecular Endocrinology; Fish Genetics and Biotechnology; Soil and Water Quality Management for Freshwater Aquaculture Practices; Feed and Feed Management Technology; Immunology, Nanotechnology</p>	<p>Dr. J. K. Sundaray, Principal Scientist & Head of Division- Fish Genetics & Biotechnology Mobile: +91-9437166872 Email: jsundaray@gmail.com, Jitendra.Sundaray@icar.gov.in</p>

		and Immunodiagnostics	
I.16	Dr. B.V Rao Institute of Poultry Management and Technology, Pune, Maharashtra (http://www.venkys.com/services/dr-bv-rao-institute-of-poultry-management-technology/)	Poultry Housing; Poultry Management Poultry Nutrition; Poultry Health	Dr. Hingane, Director, Tel.: +91-20-26926320, +91-20-26926321, +91-20-26926509 Fax: +91-20-26926508, 24332287, 24337760 Email: ipmtpune@venkys.com , ipmtpune@rediffmail.com
I.17	Kerala University of Fisheries and Ocean Studies (KUFOS), Panagadh, Kerala (www.kufos.ac.in/)	Fisheries; Ocean Studies & Technology; Ocean Engineering; Climate Variability & Aquatic Ecosystems; Management & Social Sciences	Dr. K. Dinesh, Assistant Professor & Head, Fisheries Station Mobile: +91-9446032977 Fax: +91-484-2502587 Email: dineshkaippilly@gmail.com
I.18	Central Avian Research Institute, Bareilly, Uttar Pradesh (www.icar.org.in/cari/)	Poultry Production; Poultry Nutrition; Poultry Health	Dr. J.M Kataria, Director, Tel.: 91-581-2301261(O) Fax: +91-581-2301321 Email: cari_director@rediffmail.com
I.19	Directorate of Sorghum Research, Hyderabad, Andhra Pradesh (www.sorghum.res.in/)	Sorghum related Research	Dr. J.V Patil, Director, Tel.: +91 -040 – 24015349, +91 -040 – 24018651 Fax: +91 -040 – 24016378 Email: dsrhyd-ap@nic.in jvp@sorghum.res.in
I.20	Central Arid Zone Research Institute, Jodhpur, Rajasthan (www.cazri.res.in)	Rodent Control, Arid Legumes	Dr. M.M Roy, Director Tel.: +91-291-2786584 Fax: +91-291- 2788706 Email: director@cazri.res.in
I.21	Central Potato Research Institute, Shimla, Himachal Pradesh (www.nbri.res.in/)	Development of Varieties; Sustainable Technologies for enhancing Productivity & Utilization of Potato	Dr Bir Pal Singh, Director Tel.: + 91-177-2625073 Fax: +91-177-2624460 Email: dircpri@icar.org.in , dircpri@sancharnet.in
I.22	Central Plantation Crops Research Institute, Krishnapuram, Kerala (www.cpcpri.gov.in/)	Crop Improvement; Production; Protection; Plant Physiology Biochemistry & PHT; Social Science	Dr. George V. Thomas, Director Tel.: + 91-177-2625073, + 91-4994-232333 (O), Ext: 222 Mobile: 9446051847 Email: directorcpcri@gmail.com , georgevthomas@yahoo.com
I.23	Indian Institute of Crop Processing Technology, Thanjavur, Tamil Nadu (http://www.iicpt.edu.in/)	Agricultural Process Engineering; Food and Dairy Engineering; Agricultural Wastes and Byproducts; Utilization Technology; Heat and Mass Transfer in Food Processing Systems; Refrigeration and Air Conditioning; Unit operations in Food Processing; and Engineering Design; Food Safety and Quality Testing; Primary Processing;	Dr.K.Alagusundaram, Director Tel.: + 91- 4362-228155, + 91-4362-226676 Fax: + 91- 4362 227971 Email: director@iicpt.edu.in

		Storage and Handling	
I.24	Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh (www.iivr.org.in/)	Applied research for developing technologies to enhance productivity of vegetable crops; their nutrient quality; post harvest management and value addition	Dr. B. Singh, Director Tel.: + 91-542-2635247, + 91-542-2635236 Fax: + 91-544-3229007 Email: directoriiivr@gmail.com
I.25	Central Sheep and Wool Research Institute, Avikanagar, Rajasthan (http://www.cswri.res.in/thrust_area_infrastructure.asp)	Sheep and Wool Research	Dr. S.M.K. Naqvi, Director Tel.: +91-1437- 220162, +91-1437- 240490, +91-1437-220295 (R) Fax: +91-1437- 220163 Email: naqvismk@yahoo.co.in , cswriavikanagar@yahoo.com
I.26	Directorate of Cashew Research, Puttur, Karnataka (www.cashew.res.in/)	Cashew research	Prof. P.Saroj, Director Tel.: +91-8251 - 231530, +91-8251 - 230902, +91-8251 - 236490 (O) Fax: +91-8251-234350 Email: dircajures@gmail.com , dircajures@yahoo.com , dircajures@rediffmail.com
I.27	National Bureau of Fish Genetic Resources (Indian Council of Agricultural Research), Lucknow, Uttar Pradesh (www.nbfgr.res.in/)	Development of fish databases; genetic characterization; gene banks; fish germplasm and habitat inventory; risks analysis of exotic species; diagnostics for OIE notified pathogens; aquatic microbes and other areas of germplasm conservation with special focus on threatened; prioritized and exotic fish species	Dr. J.K. Jena, Director Tel.: (0522) 2442440, 2442441 Fax: (0522) 2442403 Email: nbfgr@sancharnet.in , director@nbfgr.res.in , jkjena2@rediffmail.com
I.28	Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala (http://www.ctcri.org/)	Development of agro techniques for tuber crops; development of new varieties of tropical tuber crops; Development of plant protection technologies; Development of processing technologies to add value to tuber crops and machinery for cost effective processing	Dr. S.K. Chakrabarti, Director Tel.: 0471-2598431 Fax: 0471-2590063 Email: skc_cpri@yahoo.co.in
I.29	International Crops Research Institute for the Semi-Arid Tropics, (ICRISAT) Hyderabad, Telangana (http://www.icrisat.org/)	Crops genomics and molecular breeding	Dr. Rajeev K Varshney, Research Program Director- Grain Legumes and Director, Center of Excellence in Genomics Tel.: 040-30713305 Email: r.k.varshney@cgiar.org
I.30	National Centre for Integrated Pest Management (ICAR), Delhi (www.ncipm.org.in/)	Pest Management	Dr. Lal Bahadur Shastri Tel.: 91-11-25843935 Fax: 91-11-25841472 Email: ipmnet@ncipm.org.in

I.31	Indian Institute of Spices Research, Kozhikode (Calicut), Kerala (http://www.spices.res.in/)	Collection, conservation, evaluation and cataloging of germplasm; Development of varieties of high yield, quality and resistance to biotic and abiotic stresses through conventional and biotechnological approaches; Standardizing propagation methods to ensure large scale production and distribution of high yielding genotypes; Development of agrotechniques for increasing production and productivity. Integrated pest and disease management; Post harvest technology; Socio-economic aspects of cultivation, marketing and information dissemination in spices; Investigation on nutraceuticals and pharmacokinetics aspects of spices.	Dr. M. Anandaraj, Director Tel.: 91-9447132294 Email: anandaraj@spices.res.in
I.32	Kakatiya University, Department of Biotechnology and Department of Botany, Warangal, Andhra Pradesh (www.kakatiya.ac.in)	Plant tissue culture; Protoplast Culture; Embryo Rescue; <i>In Vitro</i> Mutagenesis; Genetic Engineering; Molecular Biology; Transgenic Technology; Transplastome Technology; Root-knot Nematode interactions; Nitrogen fixation; Telomerase and Cancer Detection; Biomedical Studies; Bidesulphurization and Molecular Markers; Cytology; Cytogenetics and Mutation Breeding; Genetics and Plant breeding; Comparative Morphology; Chemotaxonomy and Palynology; Reproductive Biology; Phycology and Hydrobiology; Mycology & Plant Pathology; Microbiology; Physiology & Tissue Culture; Radiation Botany; Taxonomy and Floristics; Ecology and Plant Biotechnology and Genetic transformation	Dr. A.V. Rao, Head of the Biotechnology Department Tel.: 0091-0870-2461455 Email: vrao_allini@yahoo.com Prof. A Ragan, Department of Botany Email: raganajmeera@yahoo.co.in
I.33	Central Institute for Cotton Research, Nagpur, Maharashtra (www.cicr.org.in/)	Crop Improvement, Crop Production, Crop Protection, Post Harvest Technology	Dr. K. R. Kranthi, Director Email: krkranthi@gmail.com

I.34	Central Institute for Research on Cotton Technology (CIRCOT), Mumbai, Maharashtra (http://www.circot.res.in/)	Improvement in Ginning of cotton; Improvement and Quality Evaluation of Fibre; Yarn and Fabric; Finishing and Dyeing of Cotton with Natural and Environment Friendly Agents; Utilisation of Cotton Plant Residues for Production of Value Added Products; Development of Entrepreneurship for Utilisation of CIRCOT Technologies	Dr. P. G. Patil , Acting Director Email: pgpatil_ngp@yahoo.co.in
I.35	Directorate of Cashewnut & Cocoa, Agri, Kerala (www.dccd.gov.in/)	Cocoa production and processing	Dr. Venkatesh N. Hubballi , Director & Transparency Officer Tel.: 0484 - 2377151 (O) Fax: 0484-2377239 Email : dccd@nic.in
I.36	National Research Center on Plant Biotechnology, Pusa Campus, New Delhi (www.nrcpb.org)	Genetic engineering for biotic resistance; exploitation of heterosis for enhancement of crop productivity; molecular breeding to unlock the genetic potential from diverse germplasm and integrate in cultivated crop varieties; various crop and microbe genome sequencing projects	Dr. T. R. Sharma , Project Director Tel.: 011-25848783, 011-25841787, 011-25843554 Fax: +91 +11 25843984 Email: pdnrcpb@gmail.com , pdnrcpb@nrcpb.org
I.37	Tamil Nadu Veterinary and Animal Sciences University, Chennai, Tamil Nadu (www.tanuvastn.nic.in)	Animal Biotechnology; Animal Sciences(Research); Animal Health	Director of Research Tel.: +91-44-2555 1583 EPBX: +91-44-2555 1586/1587 Email: dr@tanuvastn.org.in drtanuvastn@rediffmail.com
I.38	National Institute of Veterinary Epidemiology and Disease (NIVEDI), Bengaluru, Karnataka (www.pdadmas.ernet.in)	Epidemiological investigation of livestock diseases; National Animal Disease Referral Expert System ; Prevalence of Leptospira inadai subspecies in man and animals in India identified	Dr H. Rahman Tel.: +91 80 2351 4330, 2341 9576 / 2341 2531 Email: director@pdadmas.ernet.in
I.39	Indian Institute of Soil Science, (IISS), Bhopal, Madhya Pradesh (http://www.iiss.nic.in/)	Environmental soil science; Soil Chemistry and fertility; Study of Organic and inorganic nutrient sources affect soil biological activity; effect on runoff; soil and nitrogen losses; Crop productivity in organic farming; Soil physics.	Dr. A.K. Patra , Director, Tel.: 0755-2730946 Fax: 0755-2733310 Email: director@iiss.res.in , patraak@gmail.com
I.40	Department of Zoology, University of Delhi, Delhi (ww.du.ac.in)	Pesticide toxicology; bioremediation of pesticide molecules and heavy metals; soil microbial ecology; soil microbial taxonomy; soil health and soil fertility; waste water treatment; food and feed traceability	Dr. Dileep Kumar Singh Tel.: 91-11-27667191 (Office) Email: dileepksingh@gmail.com , dksingh@zoology.du.ac.in

I.41	University of Agricultural Sciences, Bellary Road, Bangalore (www.uasbangalore.edu.in)	Develop crop varieties resistant to pests; diseases and drought	Dr. M. A Shankar, Director Tel.: +91 80-2333 0206, +91 80-2333 0153 (Ext. 215), +91 94498 66903, +91 80-2333 0206 dr@uasbangalore.edu.in
I.42	Sugarcane Breeding Institute, ICAR, Coimbatore, Tamil Nadu (http://www.sugarcane.res.in/)	Breeding of superior sugarcane varieties/ genotypes; crop improvement; production and protection aspects of sugarcane	Dr. N.V Nair, Director Email: director@sugarcane.res.in Dr. R. Viswanathan, Head, Division of Crop Protection Email: hdprot@sugarcane.res.in , rasaviswanathan@yahoo.co.in
I.43	National Institute of Plant Genome Research (NIPGR), New Delhi (http://www.nipgr.res.in/)	Structural and Functional Genomics in plants; Computational Biology; Genome Analysis and Molecular Mapping; Molecular Mechanism of Abiotic Stress Responses; Nutritional Genomics; Plant Development and Architecture; Plant Immunity; Molecular Breeding; Transgenics for crop improvement and other emerging areas based on plant genomics	Prof. Akhilesh Kumar Tyagi, Director Tel.: 011-26742267, 26735169 Fax: 011-26741759 Email: director@nipgr.ac.in , akhilesh@genomeindia.org
I.44	National Centre for Agricultural Economics and Policy Research (NCAP), New Delhi (http://www.ncap.res.in/)	Agricultural technology policy; Sustainable agricultural systems; Markets and trade; Institutional change; Agricultural growth and modeling	Dr. Ramesh Chand, Director Tel.: 91-11- 25847628, 25848731 Fax: 91-11-25842684 Email: director@ncap.res.in
I.45	Kerala Forest Research Institute, Thrissur District, Kerala (http://www.kfri.res.in/)	Fungicidal management of quick wilt disease; Macrofungal flora of Peechi and Vazhani Wildlife Sanctuary; Biodiversity of plant pathogenic fungi in the Kerala part of the Western Ghats; Ecosystem structure; biodiversity; human dimensions and their linkages of Iringole sacred groves; Conservation of the critically endangered tree <i>Syzygium palghatense</i> Gamble (Myrtaceae) in the Western Ghats	Dr. K Yesodharan, Scientist C, Botany Department, Forest Ecology and Biodiversity Conservation Division Mobile: 9961490250 Email: yesodharan.kfri@gmail.com
I.46	Department of Veterinary Parasitology, College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab (http://www.gadvasu.in/)	Veterinary Parasitology	Prof. Lachhman Das Singla, Professor & Head Tel.: +91-161-2414029 Email: ldsingla@gadvasu.in , ldsingla@rediffmail.com

I.47	Indian Institute of Sugarcane Research, Raibarel, Lucknow (http://www.iisr.nic.in/)	Evaluation of locally adapted sugarcane varieties with improved yield and quality as well as resistance to biotic and abiotic stresses; Development of package of practices for higher cane sugar production; Development of low cost technologies for sugarcane production; Intensifying and extending the networking facility and information generation for transfer of technology to the farmers and sugar industry	Dr. S. K. Duttamajumder, Head, Division of Crop Protection Email: duttamajumder@hotmail.com , duttamajumder@yahoo.com Email of the Director: iisrlko@sancharnet.in
I.48	National Institute of Abiotic Stress Management, Pune, Maharashtra (http://www.niam.res.in/)	Basic and strategic research on management of abiotic stresses of crop plants, animals, fishes and micro-organisms through genetic, biotechnological and nano technological tools and agronomic methods for enhanced sustainable productivity, food/feed quality and farm profitability adopting integrated interdisciplinary approaches	Dr. P.S. Minhas, Director Email: director@niam.res.in
I.49	National Bureau of Agriculturally Important Insects, Bangalore, Karnataka (http://www.nbaii.res.in/)	Parasitic Hymenoptera (Chalcidoidea & Ichneumonoidea)- Biodiversity; systematic; host-parasitic wasps association/interactions & molecular characterization	Dr. Ankita Gupta, Scientist, Division of Insect Systematics Tel.: 080-2351 1982, Extn. 336 Email: ankitagupta.nbaii@gmail.com
I.50	Central Institute of Brackishwater Aquaculture, Chennai, Tamil Nadu (http://www.ciba.res.in/)	Development of techno-economically viable and sustainable culture systems for finfish and shellfish in brackishwater; repository of information on brackishwater fishery resources with a systematic database	Dr. G. Gopikrishna, Principal Scientist & Scientist In-charge, Nutrition, genetics and biotechnology division Tel.: +91- 044 - 24618817, Ext – 411 Email: gknani@yahoo.com , gopikrishna@ciba.res.in ,
I.51	Central Institute of Fisheries Education, Mumbai, Maharashtra (www.cife.edu.in/)	Diversification of aquaculture; Biodiversity assessment and conservation; Application of Nanotechnology and biotechnology; Nutraceuticals and nutrigenomics; Genetic Improvement and Genomics; Climate Change and Adaptations; Improved management of aquatic animal health and environment; Assessment and enhancement of seafood quality; Livelihood and food security of marginal farmers	Dr. W.S. Lakra, Director and VC Tel.: 91-22-26363404/26374306 Email: wslakra@cife.edu.in , lakraws@hotmail.com
I.52	Amity Institute of Biotechnology, Amity University, Gurgaon, Haryana (www.amity.edu/aib/)	Biotechnology related research	Dr. Manju Sharma Email: sharma.manju131@gmail.com

I.53	Sri Venkateswara College, University of Delhi, New Delhi (http://www.svc.ac.in/)	Ecology; Entomology; Animal-Plant interactions; Insect Physiology and Plant vaccination	Dr. Vartika Mathur, Assistant Professor, Dept. of Zoology Email: vmathur@svc.ac.in , vartika_m@yahoo.com
I.54	Kerala Agricultural University, Thrissur, Kerala (www.kau.edu/)	Production activities based on land and water; including crop production (agriculture); animal husbandry; forestry and fishery through conducting; interfacing and integrating education; research and extension in these spheres of economic endeavour	Dr. Jayashree Krishnankutty, Associate Professor, College of Horticulture Email: jaya_melethil@yahoo.co.in
I.55	Institute of Biotechnology, Acharya N. G. Ranga Agricultural University, Hyderabad, Andhra Pradesh (www.angrau.ac.in)	Agricultural biotechnology research	Dr. P. Anand Kumar, Director Email: polumetla@hotmail.com
I.56	Central Institute of Agricultural Engineering, Bhopal, Madhya Pradesh (www.ciae.nic.in)	Equipments for Commercial Farming; Equipments for Experimental Research	Dr K K Singh, Director Email: director@ciae.res.in
I.57	Central Inland Fisheries Research Institute, Kolkata, West Bengal (http://www.cifri.ernet.in)	Understanding the ecology and production functions of inland water bodies; Ecosystem based fisheries management of reservoirs and wetlands; environmental changes and their impacts on fisheries.	Dr. A. P. Sharma, Director Tel.: 91-033 25921190/ 25921191 Email: cifri@vsnl.com
I.58	Central Institute of Sub-Tropical Horticulture, Lucknow, Uttar Pradesh (http://www.cishlko.org)	Conservation and documentation of germplasm of subtropical fruits; Enhancing productivity of subtropical fruits; Post-harvest management; crop improvement and protection	Dr. S. Rajan, Director (I/C) Tel.: 0522-2841022, 0522-2841024 Email: srajanlko@gmail.com , director@cish.ernet.in
I.59	Central Research Institute for Dryland Agriculture, Hyderabad, Andhra Pradesh (http://www.crida.in)	Dryland agriculture; sustainable farming systems in the rainfed areas; Agrometerology; Crop Sciences	Dr. Ch. Srinivasa Rao, Director Tel.: 91-040-24532243, 24530161 Email: director@crida.in , admin@crida.in
I.60	Central Research Institute for Jute & Allied Fibres, Kolkata, West Bengal (http://www.crijaf.org.in)	Crop Improvement; Crop Production; Crop Protection; Agricultural research	Dr. P. G. Karmakar, Director Tel.: 033-25356121/6122 Email: crijaf-wb@nic.in

I.61	Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, Uttar Pradesh (http://www.csauk.ac.in/)	Integrated gene management; Integrated management of biotic and abiotic stresses; Integrated management of natural resources; Farming system research; Post harvest handling and value addition; Diversification of agriculture and farm mechanization; Application of remote sensing; GIS & crop modeling in agriculture	Dr. Har Gyan Prakash Tel.: +91-512-2534156-60 Mobile: 9412156124 Email: jdr@csauk.ac.in , drhp-k@yahoo.co.in
I.62	Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana (http://hau.ernet.in/)	Organic matter; Crop growth; Waste management; Rice management; Networking of Agricultural Market; Renewable energy agricultural	Dr.R.K.Patel , Associate Director Tel.: 01662-244700 Mobile : 94164-74518 Email: rkpatel@hau.ernet.in
I.63	Maharashtra Animal & Fisheries Sciences University (MAFSU), Nagpur, Maharashtra (http://www.mafsu.in/)	Goat rearing; Sustainable rural development; Pesticide monitoring; Molecular epidemiology (Diseases); Agricultural networking	Dr. A. S. Bannalikal Tel.: 0712-2511088, 0712-2053658, 0712-2513004 Email: pshvcmafso@gmail.com
I.64	Indian Institute of Pulses Research (IIPR) Kanpur, Uttar Pradesh (http://www.iipr.res.in/)	Genetics & Plant Breeding and Seed Science & Technology; Plant Biotechnology; Agronomy and social science; ecology, biology and management of major insect pests; Crop Physiology, Biochemistry, Microbiology & Agricultural Chemistry; Impact Assessment; Socio-Economic Empowerment; Innovative Extension Models; Participatory Seed Production; Supply and Demand Analysis; Costs and Benefits Analysis; Development of Online Information Systems; Crop Estimation using G.I.S. & Remote Sensing Techniques; Development of Forecasting Models.	Dr. Masood Ali , Director Tel.: 0512-2570264, 2572011 Fax: 0512-2572582, 2572809 Email: mali@iipr.ernet.in , iisrlk@sancharnet.in
I.65	National Research Centre for Groundnut (NRCG), Junagarh, Gujarat (http://www.nrcg.res.in/)	Production, productivity and quality of groundnut; repository of groundnut germplasm and information on groundnut research	Dr JB Misra , Acting Director Tel.: 0285-2673382 Fax: 0285-2672550 Email: director@nrcg.res.in , msbasu@rediffmail.com
I.66	Directorate of Soybean Research (DOSR), Indore, Madhya Pradesh (www.nrcsoya.nic.in/)	Quality and quantitative research on soybean; Socio-economic research	Dr S.K. Srivastava , Director Tel.: 0731-2476188 Email: director@nrcsoya.com , director@nrcsoya.nic.in
II	Biological and Medical Sciences		
II.1	Indian Institute of Integrative Medicine, Jammu, J&K	Medicinal Chemistry: Natural Products Chemistry (Plants & Microbes); Pharmacology	Dr. A.K. Saxena Tel.: +91-191-2565126 Mobile: +91-9419131757

	(www.iiim.res.in)	(Cancer, Inflammation, Immunomodulation)	Email: aksaxena@iiim.ac.in
II.2	International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi (www.icgeb.org)	Mammalian Biology; Plant Biology; Synthetic Biology and Biofuels	Dr. Virander Chauhan, Director Tel.: +91-11-26742317, +91-11-26741358/61, +91-11-26742357/60 (EPBX) Fax: +91-11-26742316 Email: virander@icgeb.res.in
II.3	Adyar Cancer Institute, Chennai, Tamil Nadu (www.cancerinstitutewia.in)	Cancer Immunotherapy; Hereditary Cancers; Biomarker Discovery; Targeted therapy for cancer; Evaluation of plant products for anti-cancer activity	Dr. T. Rajkumar Tel.: +91-44 22350340 Email: drtrajkumar@gmail.com , cancer_institute_wia@vsnl.com
II.4	Tata Memorial Centre, Mumbai, Maharashtra (https://tmc.gov.in/)	Comparative effectiveness and outcomes research; Clinical Research Methodology; Cancer Registries; Cancer epidemiology; Molecular Epidemiology; Mutational genotyping of solid tumors; Clinical Pharmacology; Tumor immunology; Sequencing and bioinformatics; Protein interactions; Stem cell biology; Circulating tumor cell technology, radiation oncology	Dr. Rajendra A.Badwe Tel.: +91-22-24168601 Email: badwera@gmail.com Dr. Shyam. K. Shrivastava, Prof. & Head, Department of Radiation Oncology Tel.: 91 22 24177163 Fax: 91 22 24146937 Email: radonco@vsnl.net
II.5	National Institute of Virology, Pune, Maharashtra (www.niv.co.in)	Epidemiology; Basic Virology; Diagnostics; Molecular Evolution; Immunology and Pathogenesis for Viruses of Public Health Importance, viz. Influenza, Avian Influenza, Hepatitis A, B, C, E, Rotavirus, Enteroviruses, Japanese Encephalitis, Dengue and Measles (excluding HIV)	Dr. Cecilia D, Scientist E Tel.: +91-20-26127301/4 Email: cecilia.dayaraj@gmail.com
II.6	Center for DNA Fingerprinting and Diagnostics, Hyderabad, Andhra Pradesh (www.cdfd.org.in)	Computational Biology / Bioinformatics: Protein Structure; Dynamics and Interactions; Epigenetic	Dr Ankkur Goel Tel.: +91-40- 24749363 Email: ankkurgoel@cdfd.org.in
II.7	Institute of Life Sciences, Bhubaneswar, Odisha (www.ils.res.in)	Infectious Disease; Immune Biology; Cancer Biology; Nanotechnology	Dr. B.P. Shaw Tel.: +91-674- 2300137, Extn.: 213 Email: bpsils@yahoo.com , bpshaw@ils.res.in
II.8	Centre for Cellular & Molecular Biology, Hyderabad, Andhra Pradesh (www.ccmb.res.in)	Biomedicine and Biotechnology; Genetics & Evolution, Genomics; Cell Biology & Development; Molecular Biology and Structural Biology; Biochemistry & Biophysics; Infectious Diseases; Computational Biology & Bioinformatics	Dr. M. R. Vishnu Priya Tel.: +91-40-27192587 Email: priya@ccmb.res.in , pme@ccmb.res.in

II.9	Indian Institutes of Science Education & Research, Kolkata, West Bengal (www.iiserkol.ac.in)	Microbial Ecology; Marine Molecular Ecology; Marine Biology	Dr. Punyasloke Bhadury Tel.: +91-9748612934 Email: pbhadury@iiserkol.ac.in
II.10	Center for Bioseparation Technology, VIT University, Vellore, TamilNadu (http://www.vit.ac.in)	Protein Separation Technology; Proteomics; Monoclonal Antibody Production by Hybridoma Technology for Diagnosis; Recombinant Antibody/Antibody Fragments Production for Diagnosis; Immuno-Technology for Autoimmune Diseases	Prof. M.A. Vijayalakshmi Tel.: +91-416-2202375 Mobile: +91-9443311374 Email: indvijji@yahoo.com , director.cbst@vit.ac.in
II.11	National Brain Research Centre, Manesar, Gurgaon (www.nbrc.ac.in)	Brain Research; Neuroscience Research	Mr. Kameshwar Rao, Registrar Tel.: + 91-124-2845200, Extn.: 345 Email: registrar@nbrc.ac.in
II.12	National Centre for Disease Control, New Delhi (www.ncdc.gov.in/)	Virology, Molecular Diagnostics in Communicable Diseases	Dr. Archana, Consultant Epidemiologist Email: aimcnid@gmail.com
II.13	Central Food Technological Research Institute, Mysore, Karnataka (www.cftri.com/)	Food Science and Technology	Dr. M.C. Varadaraj, Chief Scientist & Coordinator International S&T Unit Email: istu@cftri.res.in Dr. Prakash Halami, Senior Principal Scientist, Department of Food Microbiology Email: prakashalami@cftri.res.in
II.14	Sree Chitra Tirunal Institute for Medical Sciences & Tech. Trivandrum, Kerala (www.sctimst.ac.in/)	Biomedical Imaging; Health Systems; Reproductive Health; Health Informatics; Medical Devices Engineering; Biomaterials; Tissue Engineering and Regenerative Technology	Dr. K. Shivakumar, Associate Dean, Research and Publication Tel.: + 91-471- 2524593 Email: shivak@sctimst.ac.in Dr. Kamallesh K Gulia, Scientist-Incharge, Sleep Disorders Research Lab, Comprehensive Center for Sleep Disorders Tel.: + 91 4712520298 Fax: + 914712341814 Mobile: 09048344712 Email: kkgulia@sctimst.ac.in
II.15	Central Institute of Medicinal and Aromatic Plants, Lucknow, Uttar Pradesh (www.cimap.res.in)	Agronomy & Soil Sciences; Biotechnology; Chemical Sciences; Crop Protection; Genetics & Plant Breeding; Plant Biology	Dr. Chandra Shekhar Nautiyal, Director Tel.: +91-522- 2205848 Fax: +91-522-2205839 Email: director@nbri.res.in , csnnbri@yahoo.com
II.16	National Botanical	Plant Diversity; Systematics &	Dr. Chandra Shekhar

	Research Institute, Lucknow, Uttar Pradesh (www.nbri.res.in/)	Herbarium; Plant Ecology & Environmental Sciences; Genetics & Molecular Biology; Plant Microbe Interaction & Pharmacogenosy	Nautiyal, Director Tel.: +91-522-2205848 Fax: +91-522-2205839 Email: director@nbri.res.in , csnnbri@yahoo.com
II.17	Central Drug Research Institute, Lucknow, Uttar Pradesh (www.cdriindia.org)	Drug Discovery & Development; Cancer & related areas; CNS/ CVS & other Disorders; Malaria & other Parasitic Diseases; Reproductive Health; Diabetes & Energy Metabolism; Tuberculosis & Microbial infections; Safety & Clinical Development	Dr. Tushar Kanti Chakraborty, Director, Tel.: +91-522-2771940 Fax: +91-522-2771941 Email: director@cdri.res.in
II.18	Indian Institute of Toxicology Research, Lucknow, Uttar Pradesh (www.iitrindia.org)	Nanotherapeutics & Nanomaterials Toxicology; Environmental Toxicology; Regulatory Toxicology; Food; Drug & Chemical Systems Toxicology; Health Risk Assessment	Dr. K.C Gupta, Director Tel.: +91-522-2621856, +91-522-2628227, +91-522-2613357 (Direct) Fax: +91-522-2628227, +91-522-2611547 Email: director@iitrindia.org
II.19	ChanRe Rheumatology & Immunology Center & Research Basaveshwaranagar, Bangalore (http://chanrericr.com/)	Rheumatology & Immunology; Immuno Deficiency; Allergy; Physiotherapy & Rehabilitation;	Dr. Chandrashekara. S, Medical Director Tel.: +91-80-42516699 Fax: +91-80-42516600 Email: info@chanrericr.com
II.20	National Institute of Immunology, New Delhi (www.nii.res.in/)	Infection And Immunity; Molecular Design; Gene Regulation and Reproduction and Development	Dr. Chandrima Shaha, Director Tel.: +91-11-26703626 Email: cshaha@nii.res.in
II.21	Institute of Genomics and Integrative Biology, New Delhi (www.igib.res.in/)	Genomics and Molecular Medicine; Respiratory Disease Biology; Genome Informatics and Structural Biology; Energy and Environmental Biotechnology; Chemical & Systems Biology	Dr. Rajesh S. Gokhale, Director Tel.: +91-11-27662798, +91-11-27662407 Fax: +91-11-27667471 Email: rsg@igib.in
II.22	Centre for Neuroscience, Indian Institute of Science, Bengaluru, Karnataka (http://www.cns.iisc.ernet.in/index.html)	Neurobiology Of Disease; Neural Control Of Action; Neural Development And Stem Cells; Neuronal Basis Of Object Recognition; Neural Mechanisms Of Selective Attention; Neurobiology Of Learning And Memory; Axon Growth And Regeneration; Neural Stem Cells And Differentiation	Prof. Vijayalakshmi Ravindranath, Chairperson Tel.: +91-80-22933431 Fax: +91-80-23603323 Email: viji@cns.iisc.ernet.in
II.23	Sathyabama University, Chennai, Tamil Nadu (http://www.sathyabamauniversity.ac.in)	Biological Sciences; Biotechnology; Life- Sciences; Developmental Biology; Nanotechnology; Waste Management; Molecular Medicine; Climate Change studies; Organismal and	Dr. T. Sasipraba, Dean Email: deanoffice@sathyabamauniversity.ac.in , registrar@sathyabamauniversity.ac.in

		Behavioural Biology	
II.24	Guru Ghasidas University (Central University), Bilaspur, Chhattisgarh (www.ggu.ac.in/)	Development and optimization of green low carbon print extraction methods for natural products; Standardization of medicinal plants; Reverse Pharmacology coupled bio-activity guided drug discovery; Antioxidants and nutraceuticals; Process optimization and hyphenation; Tandem spectroscopy	Dr. Vivekananda Mandal, Assistant Professor, Department of Pharmacy Mobile: +91-7587472660 Email: pharmafriend@rediffmail.com
II.25	National Institute for Research in Reproductive Health, Mumbai, Maharashtra (http://www.nirrh.res.in/)	Reproductive health; stem cell biology; toxicology and transgenesis	Dr. S.D. Kholkute, Director Tel.: +91-22-2419 2002 Email: sanjivak@icmr.org.in , sanjivak@nirrh.res.in
II.26	Birla Institute of Technology & Science-Pilani, Hyderabad, Telengana (http://universe.bits-pilani.ac.in/hyderabad/)	Pharmacy; Biological Sciences; Chemistry-Drug discovery, Computer-aided drug design in the therapeutic areas of acute pain, neuropathic pain, neuroinflammatory disorders, diabetic neuropathy, tuberculosis, and cancer	Prof. P. Yogeewari, Professor, Department of Pharmacy Tel.: +91-40-66303515(Direct), +91-40-66303823(O) Mobile: +91-9705932091 Email: pyogee@hyderabad.bits-pilani.ac.in
II.27	Bose Institute, Kolkata, West Bengal (www.boseinst.ernet.in/)	Molecular and cellular Biology; Microbial genetics; Plant molecular biology; Protein structure and function; Physical and Environmental sciences	Director Tel.: (+91) (-33) 23557434 Email: sibaji.raha@jbose.ac.in , in.sibaji@jbose.ac.in
II.28	Rajiv Gandhi Centre For Biotechnology, Thiruvananthapuram, Kerala (www.rgcb.res.in/)	Chronic Disease Biology; Infectious Disease Biology; Neurobiology and Genetics; Plant Disease Biology; Chemical Biology; Molecular Reproduction	Professor M. Radhakrishna Pillai Tel.: +91-471-2347973 Email: director@rgcb.res.in , mrpillai@rgcb.res.in Dr. Ruby John Anto, Scientist F, Cancer Research Program, Division of Cancer Research Email: rjanto@rgcb.res.in
II.29	National Institute of Nutrition, Hyderabad, Andhra Pradesh (http://ninindia.org/)	Risk analysis of Mycotoxins, safety assessment of GM foods and development of analytical methods and protocols for their detection; evolving prevention strategies for mould and mycotoxin contamination	Dr. S. Vasanthi, Scientist 'D', Food and Drug Toxicology Research Centre Tel.: 91-40-27197280 Mobile: 09849865053 Email: vasanthi.siruguri@gmail.com , vasanthigm@yahoo.com
II.30	School of Bio Sciences and Technology, VIT University,	Biomedical Genetics; Biotechnology; Microbiology; Cell Biology; Recombinant DNA	Prof. C. Ramalingam, Dean, Tel.: 91 416 220 2574 Email: dean.sbst@vit.ac.in

	Vellore, Tamilnadu (http://www.vit.ac.in)	Technology and Bio-informatics	
II.31	Jamia Hamdard University, New Delhi (www.jamiahamdard.edu)	Heavy metal and environmental stress on plants; air pollution and impact on plant form; function and medicinal properties; genetic characterization of medicinal plants; ethnobotany and plant systematic; meristematic behaviour and secondary plant growth; tissue culture studies for alkaloid production; multiplication and preservation of endangered species; transmission and application of variation in plants; isolation; identification and characterization of biologically active constituents	Prof. Javed Ahmad , Faculty of Science - Department of Botany Email: jahmad@jamiahamdard.ac.in Prof. Mohd. Ali , Faculty of Pharmacy - Department of Pharmacognosy & Phytochemistry
II.32	Centre of Advanced Study in Botany, Department of Botany, Banaras Hindu University, Varanasi, Uttar Pradesh (http://www.bhu.ac.in/)	Botany; Microbiology; Environmental Science; Plant Ecology & Environmental Science; Ecological analysis of organic matter dynamics of terrestrial ecosystems especially agroecosystems, land use change, restoration of degraded lands, biofuel plantations: Carbon and Nitrogen balance in soil, Land management and climate change, Greenhouse gas flux from soil, Soil C sequestration, Sustainable biological productivity, Biodiversity	Prof. Nandita Ghoshal Email: n_ghoshal@yahoo.co.in , nghoshal.bhu@gmail.com
II.33	School of Bio-Medical Engineering, Indian Institute Of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh (www.iitbhu.ac.in)	Biomedical Signal And Image Processing; Bio Instrumentation; Artificial Intelligence; Biological Control System Analysis; Control System; Polymer Nanocomposites; Polymer Chemistry; Block Copolymers And Their Biomedical Applications; Hydrogels And Their Biomedical Applications; Neurophysiology; Electrophysiology; Biochemistry; Biomaterials; Computational Orthopedic Biomechanics; Sport Biomechanics; Molecular Biology of Infectious Diseases and Tissue Engineering	Dr. A. K. Ray , Professor & Coordinator, Email: akray.bme@itbhu.ac.in , coordinator.bme@itbhu.ac.in ,
II.34	Regional Medical Research Centre, Dollygunj, Port Blair (www.icmr.nic.in)	Leptospirosis Diarrhoeal diseases; viral hepatitis; tuberculosis; lymphatic filariasis and other vector borne diseases including chikungunya; malaria and other health problems of the indigenous	Dr. P. Vijaychari , Scientist-E Email: pblicmr@sanchar.net , vijayachari@yahoo.com

		tribes of these Islands; Research on chronic non-communicable diseases including diabetes mellitus and cardiovascular diseases as well as on psycho-social issues including alcoholism and post-traumatic stress syndrome triggered by natural calamities such as earthquake and tsunami; Collection and collation of information on traditional medicine/folk lore practices of the aborigines on medicinal plants and sea weeds and their medicinal properties	
II.35	Madras Diabetes Research Foundation (MDRF), ICMR Advanced Centre for Genomics of Diabetes, Chennai, Tamil Nadu (www.mdrf.in)	Diagnosis; treatment; and prevention of diabetes; study of atherosclerotic disease; epidemiologic study	Dr. V. Mohan, Director and Chief of Diabetic Research Tel.: (91 -44) 43968888/ 28359048/ 28359050/ 28359051 Email: drmohans@diabetes.ind.in
II.36	Indian Institute of Chemical Biology (Council of Scientific & Industrial Research), Kolkata, West Bengal (http://www.iicb.res.in)	Cancer Biology & Inflammatory Disorder Division; Cell Biology & Physiology; Chemistry; Drug Development / Diagnostics & Biotechnology; Infectious Diseases and Immunology; Molecular & Human Genetics; Structural Biology & Bioinformatics	Prof. Siddhartha Roy, Director Tel.: +91 33 2473 0492 Fax: +91 33 2473 5197, +91 33 2472 3967 Email: director@iicb.res.in Dr. Syamal K. Dana, Senior Principal Scientist Email: shymaldana@gmail.com , skdana@iicb.res.in , sdana_ecsu@yahoo.com
II.37	Division of Nutrition, St. John's Research Institute, Bangalore, Karnataka (http://www.sjri.res.in/)	Training and Mentoring in Nutrition Research Methods; Developmental Biology and Nutrition; Requirement of Macro and Micronutrients across Life Cycle (Energy, Protein, Iron); Body Composition Assessment; Sarcopenia and Metabolic Flexibility; Anaemia and Haematopoiesis; Adolescent Health	Prof. Anura V Kurpad, Head Email: a.kurpad@sjri.res.in
II.38	University of Allahabad, Allahabad, Uttar Pradesh (www.alluniv.ac.in/)	Molecular biology of HIV-1; anti-HIV-1 drug design; toxicology; micronutrients and their role in oxidative stress; aging research and anti-aging interventions; and natural product based anti-microbials	Prof. Bechan Sharma, Department of Biochemistry, Email: bechansharma@gmail.com , sharmabi@yahoo.com Prof. Raghav Ram Tiwari, Dept. of Zoology Email:

			rrtewari@rediffmail.com
II.39	Regional Cancer Centre (RCC), Thiruvananthapuram, Kerala (http://www.rcctvm.org/)	Cancer Research	Dr. Paul Sebastian , Director, Professor & Head of Dept., Surgical Oncology Tel.: +914712522222, 2522394 (Direct), Office: +914712522248 Email: director@rcctvm.org
II.40	Institute of Pharmacy and Department of Biotechnology, Punjab College of Technical Education, Ludhiana, Punjab (www.pcte.edu.in/pharmacy/)	Applications of Nanotechnology in Food Packaging	Prof. Bhupinder Singh Sekhon Tel.: +91 161 461 2388 Fax: +91 161 288 8505 Email: sekhon224@yahoo.com
II.41	VNS Group of Institutions, Faculty of Pharmacy, Bhopal, Madhya Pradesh (http://www.vns.ac.in/)	Pharmaceutics; Pharmacology; Pharmaceutical Chemistry; Pharmacognosy and Phytochemistry	Prof. R.S. Pawar , Dean- Research Mobile: 09826219429 Email: rajeshabc14@rediffmail.com
II.42	Department of Pharmaceutical Technology, Jadavpur University, Kolkata, West Bengal (www.jaduniv.edu.in/)	Cheminformatics & QSAR Molecular Modelling; Synthetic & Natural products Chemistry; Novel drug delivery system; Nanomedicine; Cancer Biology; Microbiology & Drug resistance; Molecular Pharmacology; Biochemistry & molecular mechanism; Formulation Development	Dr. Banasri Hazra , Research Scientist –‘C’, Tel.: +91 2457 2610 (Work), Mobile: 093308 71566 Email: banasrihazra@yahoo.co.in
II.43	JSS College of Pharmacy, JSS University, Mysuru, Karnataka (www.jsscspooty.org/)	Pharmaceutical Analysis; Pharmaceutical Biotechnology; Pharmaceutics; Pharmacognosy; Pharmacology; Pharmaceutical Chemistry; Phytopharmacy and Phytomedicine Pharmacy Practice	Dr. Dhanabal Palaniswamy , Professor and Principal Tel.: 9443095697 Email: spdhanabal@jsscspooty.org
II.44	Department of Microbiology, Faculty of Arts, Science and Humanities, Karpagam University, Coimbatore, Tamil Nadu (http://www.karpagamuniversity.edu.in/)	Microbial enzyme technology; food biotechnology; health care sciences and medicinal plant research and cancer biology	Dr. M. Palaniswamy , Dean i/c, Tel.: 0422-6453777 Fax: 0422-2980022 Mobile: +91-9894736777 Email: m.palaniswamy@gmail.com , m.palaniswamy@karpagam.ac.in
II.45	Department of Biochemistry, Biotechnology and Bioinformatics,	In vitro culture of medicinal plants and gene expression analysis	Dr. Kalaiselvi Senthil , Lecturer, Email: kalaisen@gmail.com , kalaiselvi_bc@avinuty.ac.in

	Avinashilingam Institute for Women, Coimbatore, Tamil Nadu (www.avinutty.ac.in/)		
II.46	National Centre for Biological Sciences, Bangalore, Karnataka (www.ncbs.res.in/)	Biochemistry, Biophysics & Bioinformatics, Genetics & Development, Cellular Organisation & Signalling, Neurobiology, Theory And Modelling Of Biological Systems, Ecology And Evolution, C-Camp, Instem	Dr. Uma Ramakrishnan, Assistant Professor, Tel.: +91-80 –23666031 Email: uramakri@ncbs.res.in
II.47	Zoology Department and Research Centre, Sarah Tucker College, Tirunelveli, Tamil Nadu (www.sarahtuckercollege.in/)	Biodiversity conservation	Dr. Juliet Vanitharani, Professor and Head, Bat Research Lab Email: jvanitharani@gmail.com
II.48	Zoological Survey of India, Kolkata, West Bengal (www.zsi.gov.in)	Biodiversity conservation	Director
II.49	All India Institute of Speech & Hearing, Mysuru, Karnataka (www.aiishmysore.in/)	Speech; Language; & Hearing; Clinical Psychology; Special Education; ENT; Electronics; Interdisciplinary; Survey; Socio-Economic	Dr. S.R. Savithri, Director Email: director@aiishmysore.in
II.50	School of Life Sciences, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/sls/)	Cell Biology, Immunology and Developmental Biology; Genetic, Genomics, Gene Regulation and RNA Biology; Molecular Biology and Biochemistry of Pathogens and Diseases; Neurobiology and Behavioral Biology; Plant Molecular Biology, Biotechnology, and Photobiology; Radiation and Cancer Biology; Biophysical Chemistry; Molecular Biophysics, and Structural Biology	Prof. B. C. Tripathy, Dean Tel.: 011-26742916, 26704530, 26704558, 26704559 Fax: 011-26742558 Email: dean_sls@mail.jnu.ac.in , dean_sls@yahoo.com
II.51	All India Institute of Medical Sciences, Rishikesh, Uttarakhand (http://aiimsrishikesh.edu.in/)	Anatomy; Biochemistry; Physiology; Pharmacology; Pathology; Microbiology; Forensic Medicine and Toxicology	Prof. (Dr.) Raj Kumar, Director Shri Rakesh Kumar, Administrative Officer Email: rakeshkumar.aoaiims@gmail.com
II.52	Centre for Chronic Disease Control (CCDC), Gurgaon, Haryana (http://www.ccdcindia.org)	Cardio metabolic surveillance study; Genetic Research; Clinical Trials & Translational Research; epidemiology	Dr. D. Prabhakaran, Executive Director Tel.: + 0124-4781400 Email: ccdc@ccdcindia.org
II.53	School of Biotechnology, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/SBT)	Molecular biology and Genetic engineering; Molecular biology of infectious diseases; Immunology; Protein Engineering, Protein stability, conformation and folding; Biochemical engineering, optimization of recombinant	Prof. Rakesh Bhatnagar, Dean Tel.: 26742040, 26742651, 26742258 Email: rakeshbhatnagar@mail.jnu.ac.in

		protein production and Metabolic Engineering; Transcription control and gene regulation in prokaryotic and mammalian systems; Structural biology and bioinformatics; Molecular basis of human viral diseases; Molecular Cell biology; Cancer cell biology: Diagnostics and vaccines	
II.54	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/SCMM/)	Bioinformatics and computer sciences; Environmental sciences and physical sciences	Prof. C.K. Mukhopadhyay, Chairperson Tel.: 2673-8738
II.55	School of Computational and Integrative Sciences (SC&IS), Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/)	Computational Genomics; Development of Tools in Bioinformatics; Structure based Bioinformatics and in silico Drug Discovery; Database Management Microarray Analysis and Data mining; Systems Biology	Prof. Anirban Chakraborti, Dean Tel.: (91) 011 - 2674 1517 & 2670 4171 Email: dean_scis@mail.jnu.ac.in
II.56	Microbial Technology Lab, Acharya Narendra Dev College, New Delhi (http://andcollege.du.ac.in)	Molecular Biology	Dr. Monisha Khanna, Associate Professor in Zoology Email: monisha_khanna@hotmail.com
III	Chemical Sciences		
III.1	Indian Institute of Chemical Technology, Hyderabad, Aandhra Pradesh (www.iictindia.org)	Pharmaceutics & Drugs; Chemical Biology; Energy (Solar Coal); Fluoroorganics; Lipid Science & Technology; Polymer & Functional Technology; Chemical Engg. including Membrane Technology; Biological	Dr. C. B. Lakshmi Tel.: +91-40 27193030 Email: headrma@gmail.com , cblakshmi@iict.res.in
III.2	Central Electrochemical Research Institute, Karaikkudi, Tamil Nadu (www.cecri.res.in)	Electrochemistry: Li Batteries; Corrosion; Bio-Sensors; Functional Materials; Materials Electrochemistry; Electrocatalysis and Fuel Cells	Er. R Meenakshisundaram, Sr. Principal Scientist Mobile: +91-9442043392 Email: meecorro@gmail.com
III.3	Indian Institute of Petroleum, Dehradun, Uttarakhand (www.iip.res.in)	R&D for Downstream Sector of the Hydrocarbon Industry: Petroleum Refining; Natural Gas; Petrochemicals; Chemicals and Utilization of Petroleum Products: Nanocatalysis; Hydro Processing; Fluid Catalytic Cracking; Light Stock Processing and Catalytic Reforming; Natural Gas Conversion / Gas-to-Liquid;	Dr. Anil K. Jain, Head International S&T Affairs and Training Tel.: +91-135-2525751(O), +91-9897119578 Email: aniljain@iip.res.in , anil_kj@hotmail.com

		Aromatic Extraction; Sweetening; Gasoline and Diesel Fuel Quality and Emission; Alternative Fuels and Fuel Conservation; Automotive Lubricants; Bio-mass Conversion & Utilization; CO ₂ Capture; CO ₂ Conversion for Fuel and Chemicals; Simulation and Modelling etc.	
III.4	Central Salt & Marine Chemicals Research Institute, Bhavnagar, Gujarat (www.csmcri.org/)	Salt and Marine Chemicals; Inorganic Materials and Catalysis; Electro Membrane Processes; Reverse Osmosis	Dr. Paramita Ray Mobile: +91- 9377101096 Email: parmita@csmcri.org Dr. S. Haldar , Senior Scientist, Marine Environment Group, Tel.: 91-278-2561354 Email: shalar@csmcri.org Dr. C. R. K. Reddy , Chief Scientist and Group Leader Email: crk@csmcri.org
III.5	National Chemical Laboratory, Pune, Maharashtra (www.ncl.india.org)	Chemical Science and Engineering	Dr. Sourav Pal , Director Tel.: +91-20- 25902600 Email: s.pal@ncl.res.in , director@ncl.res.in
III.6	National Institute of Pharmaceutical Education and Research, Mohali, Punjab (http://www.niper.ac.in/)	Discovery of new chemical entities (NCEs) from natural products of terrestrial; microbial and marine origin for therapeutic purposes; Standardization and quality control of herbal drugs and products; Development of chemical process technologies for important natural products involving isolation; semisynthesis or synthesis	Prof. K. K. Bhutani , Officiating Director, Professor & Head, Natural Products Email: director@niper.ac.in
III.7	Institute of Nano Science and Technology, Mohali, Punjab (www.inst.ac.in/)	Bio-inspired soft nanostructures; Bio-sensors and online diagnostics; Bio-targeting and therapeutics; Microfluidics based devices; Materials and devices for energy storage and harvesting; Device and thin film-superstructure group; Nanotechnology in Agriculture and Rural Development; Nanotoxicology; Porous nano structures for water purification and carbon dioxide sequestration; Understanding phenomena at the Nanoscale	Prof. Ashok K. Ganguli , Director Tel.: +91 172 2210073,75 Email: director@inst.ac.in , contact@inst.ac.in
III.8	School of Chemical Sciences, Marathwada University, Nanded, Maharashtra	Organic and biomolecular chemistry; catalysis; theoretical and computational chemistry; and chemistry on the nanoscale	Prof. Dr. A. D. Sagar , Director Email: sagaradd@gmail.com

	(http://www.srtmun.ac.in/)		Dr. P. K. Zubaidha, Professor
III.9	Laboratory of Advanced Research in Polymeric Materials, Bhubaneswar, Orissa (http://www.larpm.gov.in/)	Biopolymer; Fuel Cells; Polymer Nanocomposite; Carbon Nanotubes; Polymer Blends & Alloys; E Waste Recycling	Tel.: +91-674-2740173, + 91-674-2742852 Email: larpmcipet@gmail.com
IV Physical and Mathematical Sciences			
IV.1	Department of Physics, Presidency University, Kolkata, West Bengal (www.presiuniv.ac.in)	Hyperspectral Remote Sensing and Its Applications (<i>E. G. Atmospheric and Environmental Studies, Spectral Library Development Etc.</i>); Spectroscopic Studies in Laboratory within Ultraviolet–Visible–Near-Infrared Range; Physics & Techniques Of Remote Sensing	Dr. B. Ray Chaudhuri, Associate Professor, Department of Physics Email: barun.raychaudhuri@gmail.com
IV.2	Department of Physics, Karunya University, Coimbatore, Tamilnadu, (www.karunya.edu)	Crystal Growth; Nano-materials; Nanofluids for Solar Power generation systems; Dielectrics; Ultrasonics	Dr. A. Kingson Solomon Jeevaraj, Assistant Professor, Department of Physics Tel.: Office: +91-422-2614300 Intercom : 4155 Mobile: +91-9842466973 Email: drkingson@karunya.edu , drkingson@gmail.com
		Semiconductor nano-materials; Crystal Growth; Semiconductor thin films;	Dr. M. Haris, Associate Professor Mobile: +91-9841848926 Email: mharis8@yahoo.com , harismuthiah@karunya.edu , hariscgc@yahoo.com Dr. A. Abiram, Assistant Professor, Department of Physics Tel.: 91-8870266237, 91-7812044344 Email: abiram@karunya.edu , aabiram@gmail.com M. Senthilkumar, Assistant Professor Email: senthilkumar@karunya.edu , gm.senthilkumar@yahoo.in
IV.3	Inter-University Accelerator Centre, New Delhi (www.iuac.res.in)	Accelerator based Nuclear Physics; Atomic Physics; Material Science and Accelerator Physics	Dr. D. Kanjilal , Director Dr. A. Mandal , Scientist H & Ph.D Program Coordinator Mobile: +91-9811127307 Email: mandal@iuac.res.in , dkiuac@gmail.com ,

			dk@iuac.res.in
IV.4	Institute of Mathematical Sciences, Chennai, Tamil Nadu (www.imsc.res.in)	Mathematics; Theoretical Physics; Theoretical Computer Science and Computational Biology; Models of Glacier Melting; Indus Valley Script; Physics of Arrhythmia in Heart; Algorithms for Stock Market	Professor R. Ramanujam, Tel.: +91-44- 2254 3269 Email: jam@imsc.res.in Prof. V. Raman Email: vraman@imsc.res.in , jam@imsc.res.in
IV.5	National Physical Laboratory, New Delhi (www.nplindia.org)	Materials for Energy Harvesting; Polymeric Materials including Conducting Polymers; Carbon-Based Materials & Their Composites; Light Weight Structural Materials; Nano-Materials & Their Composites; Optical Thin Films; Luminescent Materials and Superconducting Materials as well as Their Related Components & Devices	Dr. Ajay Dhar, Head, Metals & Alloys Group & Chairman, Academic Committee Tel.: +91-11-45609456, +91-11-45609455 Mobile: +91-9899876476 Email: adhar@nplindia.org
IV.6	S. N. Bose National Centre for Basic Sciences, Kolkata, West Bengal (www.bose.res.in)	Material Science: Theoretical Science; Condensed Matter Physics and Material Science; Chemical; Biological and Macromolecular Science; Astrophysics and Cosmology	Mr. Sunish Kumar Deb Tel.: +91-33 - 2335 5705-08, Extn.: 103 Mobile: +91-9230547347 Email: debsunish@gmail.com
IV.7	Raman Research Institute, Bangalore, Karnataka (www.rri.res.in)	Astronomy and Physics: Astronomy and Astrophysics; Condensed Matter Theoretical Physics; Light and Matter Physics	Prof. Ravi Subrahmanyam Mobile: +91-80-23611012 Email: director@rri.res.in
IV.8	Aryabhata Research Institute for Observational Sciences, Nainital, Uttarakhand (www.aries.res.in)	Star Formation; Stellar Evolution; Astrometry; Polarimetry; Extragalactic Astronomy; Solar Physics; Atmospheric Studies	Dr. Maheswar Gopinathan Mobile: +91-9410629613 Email: maheswar@aries.res.in
IV.9	Indian Statistical Institute, Kolkata, West Bengal (www.isical.ac.in/)	Statistics	Dr. Bimal K. Roy, Director Tel.: +91-33- 2575-3304 Fax: +91-33- 25776925 Email: postmaster@isical.ac.in
IV.10	National Institute of Medical Statistics, Delhi (http://www.icmr.nic.in/00134/irms.htm)	Research in Medical Statistics	Prof. Arvind Pandey, Director Tel.: (011) 26588803 Email: arvindpandey@icmr.org.in , arvindp.nims@gmail.com
IV.11	Department of Mathematics, Shivaji University, Kolhapur, Maharashtra (http://www.unishivaji.ac.in/dptmaths/)	Dynamical System; Differential Equations; Integral Equations	Dr. S.B. Bhalekar, Assistant Professor Tel: (0231)2609218 Email: sbb_maths@unishivaji.ac.in

IV.12	Department of Physics St. Thomas College, Thrichur, Kerala (www.stcp.ac.in)	Quantum Electronics; Crystal Growth; Thin Film; Nano-Bio-Polymer Science and Technology; nanostructures, quantum dot sensitized solar cells; organic solar cells	Dr. Ison V. Vanchipurackal , Assistant Professor, Tel.: 04829 285092 (R), +919446126926 (Mobile) Email: isonv@rediffmail.com , isonvv@yahoo.in
IV.13	Department of Physics, National Institute of Technology, Calicut, Kerala (www.nitc.ac.in/)	Atmospheric physics; Critical point phenomena & polymer dynamics; Computational condensed matter physics; Experimental condensed matter physics and material science; Lasers and non-linear optics; Nanophotonics and photonic devices; Unconventional photonics and electronics	Dr. P. Pradeep , Professor Tel.: +91-495-2285103 (O), 2285113 (Lab.), 09495329035 (cell) Fax: +91-495-2287250 Email: predeep@nitc.ac.in , ppredeep@gmail.com
IV.14	School of Physical Sciences, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/SPS/)	Chemical Physics; Inorganic; Organic and Physical Chemistry; Computational Physics; Condensed Matter Physics; Disordered Systems; Granular Materials; Mathematical Physics; Non-equilibrium Statistical Mechanics; Nonlinear Dynamics; Probability Measure; Quantum Chaos; Quantum Optics; Statistical Nuclear Physics; and String Theory; Complex Fluids; Supra-molecular Chemistry; Materials Science; Superconductivity; Magnetism; Nonlinear Optics; Semiconductors; Polymers and Nanoparticle Physics; and Ultrafast Photophysical Processes in Bio and Nano-materials.	Prof. Subhasis Ghosh , Dean Tel.: 26704781, 26741909
IV.15	Physical Research Laboratory, Ahmedabad, Gujarat (http://www.prl.res.in/)	Astronomy and Astrophysics; Geosciences; Planetary sciences; Space and Atmospheric Sciences; Theoretical physics	Prof. J.N. Goswami , Director Tel: +91-79- 26314000, 26302129 Fax: +91-79-26314900 Email: info@prl.res.in
V	Earth Sciences		
V.1	Centre for Marine Living Resources & Ecology, Kochi, Kerala (www.cmlre.gov.in)	Monitoring of Harmful Algae Blooms; Marine Bio-diversity; Deep Sea Fishery	Dr. Anil Kumar Vijayan Mobile: +91-9446039021 Email: anilkumarvijayan@yahoo.com , anilkumarvijayan@gmail.com
V.2	National Geophysical Research Institute, Hyderabad, Andhra Pradesh (www.ngri.org.in)	Ground Water - Management; Artificial Recharge; Pollutants; Natural Hazards - Earthquakes; Tsunami	Dr. R. K. Chadha Mobile: +91-40 23434630, +91-9849378244 Email: chadha@ngri.res.in

V.3	Wadia Institute of Himalayan Geology, Dehradun, Uttarakhand (www.wihg.res.in)	Climate and Tectonics; Fluvial Systems; Hydrogeology; Remote Sensing and GIS; Geothermal Energy; and Earthquake precursory research	Dr. Vikram Gupta Tel.: +91 9411528837 Email: vgupta@wihg.res.in , vgupta_wihg@yahoo.com Dr. Sushil Kumar, Scientist Tel: +91-135-2525458 Mobile: 09634223377 Email: sushil_rohella@yahoo.co.in
V.4	National Centre for Antarctic and Ocean Research, Vasco da Gama, Goa (www.ncaor.gov.in)	Snow and Ice Core Research for Climate Fingerprinting; Polar Clouds and Precipitation; Stratospheric Dynamics; Dynamics of Sea/Polar Ice Sheet with Remote Sensing Data; Hydrodynamics of the Southern Ocean; Material Management and Planning of Expeditions; Oceanic Microfossil Applications for Reconstructing the Paleo-Environment	Dr. Rahul Mohan Mobile: +91-832 2525531 Email: rahulmohan@ncaor.org , rahulmohangupta@gmail.com
V.5	National Institute of Ocean Technology, Chennai, Tamil Nadu (www.niot.res.in)	Instruments for Ocean Observation; Deep Sea Mining; Exploration of Gas Hydrates; Offshore and Coastal Structures; Marine Biotechnology; Marine Sensor Systems; Ocean Acoustics and Ocean Electronics; Coastal Protection and Management; Ocean Energy; Solar Energy and Desalination	Mr. Raju Abraham Tel.: +91- 44- 66783339 Email: abraham@niot.res.in
V.6	Indian National Centre for Ocean Information Services, Hyderabad, Andhra Pradesh (www.incois.gov.in)	Operational oceanography; ocean modelling; ocean state forecasts; data management and information services; remote sensing of oceans; remote sensing for fisheries; tsunami early warning; and application of remote sensing for shoreline management	Dr. Satheesh C. Shenoi, Director Tel.: +91-40-2389 5000 Mobile: +91-9441013377 Email: shenoi@incois.gov.in Mr. M. Nagaraja Kumar, Scientist & In-Charge, Marine Fishery Advisory Services (MFAS) Tel.: +91-40-23886031, 23895013 Fax: +91-40-23895014 Email: raja@incois.gov.in
V.7	National Institute of Oceanography, Dona Paula- Goa (www.nio.org)	Physical and Biogeochemical Dynamics of Estuarine and Coastal Ecosystem, Bio-Prospecting, Bioactive Molecules, Habitat Ecology, Molecular Biology And Biotechnology; Biofouling and Corrosion, Genesis,	Prof. Ranadhir Mukhopadhyay, Chief Scientist & Head HRM Tel.: +91-832-245-0246 Email: ranadhir@nio.org Dr. V. Sanil Kumar, Scientist and Head, Business Development Email: sanil@nio.org ,

		Occurrence and Mining of Marine Oxide, Sulfide and Placer Minerals; Tectonics of Indian Continental Margins; Gas Hydrate Occurrence; Mid Ocean Ridge Studies, Paleo Oceanography, Marine Archaeology and Underwater Exploration; Autonomous Vehicle and Marine Instrumentation	spmng@nio.org , sanil.niog@gmail.com
V.8	Birbal Sahni Institute of Palaeobotany (BSIP) , Lucknow, Uttar Pradesh (www.bsip.res.in)	Palaeobotany (including Palaeopalynology); Coal/Lignite Petrology; Precambrian Paleobiology And Quaternary Paleoclimates; Palynology in Fossil Fuel Exploration; Dendrochronology; Ethnobotany; Micropaleontology; Carbon-14 Dating	Dr. Mukund Sharma , Scientist - F Email: sharmamukund1@rediffmail.com
V.9	Indian School of Mines , Dhanbad, Jharkhand (http://www.ismdhanbad.ac.in/)	Mechanical Engineering and Mining Machinery Engineering; Fuel and Mineral Engineering; Management Studies; and Electronics and Instrumentation Engineering; Applied Chemistry; Applied Physics; and Applied Mathematics; Electrical Engineering; Environmental Science and Engineering; Chemical Engineering	Prof. D.C. Panigrahi , Director Tel.: +91-326-223-5201 Email: dt@ismdhanbad.ac.in Dr. Suman Dutta , Assistant Professor, Department of Chemical Engineering Email: sumandutta_che@yahoo.com ss.dutta@hotmail.com ce@ismdhanbad.ac.in
V.10	National Institute of Hydrology , Roorkee, Uttarakhand (www.nih.ernet.in)	Hydrologic Design; Design flood estimation using flood frequency analysis ; synthetic data generation; Water availability studies; Network design land use and soil classification; erosion studies; flood plain mapping; sedimentation of reservoirs and Reservoir capacity computations assessment of water logged areas; Mapping of ground water availability zones; Stream flow-aquifer interaction; Management of coastal aquifers; Groundwater resource evaluation in hard rock	Er. R.D. Singh , Director Tel.: 91-1332-272906 Fax : 91-1332-272123 Email : nihmail@nih.ernet.in , rdsingh@nih.ernet.in
V.11	Water Resource Development & Management, Indian Institute of Technology ,	Groundwater Development & Management; Rainwater Harvesting; Watershed Management and Urban Water	Dr. Deepak Khare , Head of Department Tel.: +91 - 1332 – 285393 Email: khareftw@iitr.ac.in

	Roorkee, Uttarakhand (http://www.iitr.ac.in/)	Management; Climate Change	
V.12	Centre For Advanced Study, Department of Geology, University of Delhi, Delhi (www.du.ac.in)	Vertebrate Palaeontology – Evolution of Mesozoic Vertebrates with special reference to biogeographic origins; diversity and evolution of Mesozoic Mammals of India; and Cretaceous Palaeobiogeography of India	Dr. G.V. R. Prasad , Professor Email: guntupalli.vrprasad@gmail.com
V.13	Department of Botany, University of Calcutta, Kolkata, West Bengal (http://botany.caluniv.in/)	Phytostratigraphy - Palynostratigraphy; Ecostratigraphy Palaeoclimate; Palaeoenvironment; Palaeogeography Detection of Palaeoshoreline and hydrocarbon exploration Palaeomycology; Archaeobotany; Entomopalynology; Melittopalynology; Forensic Palynology; Copropalynology Plant - Animal Interaction and their co-evolution Ancient-DNA analysis and Palaeophytochemistry	Prof. Subir Bera Email: berasubir@yahoo.co.in , subirbera@rediffmail.com
		Biomarkers for assessing genotoxicity of natural and anthropogenic compounds Nanotoxicology; Phytoremediation of flyash by Vetiver plant · Antimutagenic and anticlastogenic effects of some plants of ethnobotanical importance; Assessment of cytogenetic damage and DNA damage in vitro in human lymphocytes induced by arsenic and fluoride through drinking water; Population cytology of chromosome variants in the family Asphodelaceae	Prof. Anita Mukherjee Email: anitamukherjee28@gmail.com , anitamukherjee28@hotmail.com
V.14	Nansen Environmental Research Centre India (NERCI), Kochi, Kerala (http://www.nerci.in/index.html)	Monsoon and ocean variability, Climate Change, Sea level variations; Coastal Zone Management & Social Issues; Marine Ecosystem studies with focus on forcing mechanisms and algal blooms	Dr. K. Ajith Joseph , Executive Director Tel.: 0484-2383351 Fax: 0484-2353124 Email: ajith_jk@nerci.in , nansencentre.india@gmail.com
V.15	The Energy and Resources Institute (TERI),	Earth Science & Climate Change; Environmental science; Forestry and	Dr. Prodipto Ghosh , Director Tel.: (+91 11) 2468 2100, 41504900

	New Delhi (http://www.teriin.org/ESC C)	biodiversity; Global & environmental research	Fax: (+91 11) 2468 2144, 2468 2145 Email: prodipto@teri.res.in
V.16	The Post-graduate Department of studies in Earth Science, The University of Mysore, Mysore, Karnataka (http://www.uni-mysore.ac.in/earth-science)	Applied Geology; Earth Science and Resource Management	The Vice Chancellor Tel.: 0821-2419666
V.17	Centre for Atmospheric and Oceanic Sciences (CAOS), Indian Institute of Science, Bangalore, Karnataka (http://caos.iisc.ernet.in/)	Aerosol measurements and impacts; atmosphere-ocean-coupled general circulation and climate modeling; cloud physics; geophysical fluid dynamics; paleoclimate studies; physical-chemical-biological oceanography of the Indian Ocean; radiative transfer; satellite meteorology; space-time structure and scaling in geophysical fields, and tropical convection	The Chairman Tel: 080-22932505 , 23600450 Fax: 080-23600 865 Email: office@caos.iisc.ernet.in , chairman@caos.iisc.ernet.in
VI	Engineering Sciences		
VI.1	Central Mechanical Engineering Research Institute, Durgapur, West Bengal (www.cmeri.res.in/)	Heat Pipes; Nanotechnology; Robotics; Actuators and Sensors; Micro-manufacturing	Prof. Dr. Gautam Biswas, Director Tel.: +91-343-2546749 Email: director@cmeri.res.in , gtm@iitk.ac.in
VI.2	Central Scientific Instruments Organisation, Sector 30-C, Chandigarh (www.csio.res.in)	Agrionics; Biomedical Instrumentation; Photonics; Mechanical Systems Design; Nano Science and Nano Technology; Optical Design and Spectroscopy; Computational Instrumentation	Dr. H.K. Sardana Tel.: +91-1722637994, Mobile: +91 -9872805924 Email: hk_sardana@csio.res.in
VI.3	Central Manufacturing Technology Institute, Bangalore, Karnataka (www.cmti-india.net)	Precision Manufacturing / Engineering; Surface Engineering; Micro and Nano machining; Additive Manufacturing; Sensors and Vision Technology; Mechatronics & Automation; Metrology and Characterization	Mr. S. Satish Kumar, Director Tel.: +91-80-22188227 Fax: +91-80-23370428 Email: satish.cmti@nic.in
VI.4	Structural Engineering Research Centre, Chennai, Tamil Nadu (www.serc.res.in)	Health Assessment and Damage Mitigation of Structures; Engineering Sustainable Materials and Structures and Nano Technology and Bio-Mimetics	Dr. S. Arunachalam Tel.: +91-44-2254 2786 Mobile: +91-9444606087 Email: sarun@serc.res.in , sarunacha@yahoo.co.in

VI.5	National Aerospace Laboratories, Bangalore, Karnataka (www.nal.res.in)	Aerodynamics; Computational Fluid Dynamics; Aircraft Structures; Propulsion; Flight Dynamics & Control; Composites; Wind Energy	Dr. J.S. Mathur , Head KTMD Tel.: +91-80-25086147 Email: mathur@nal.res.in
VI.6	Central Building Research Institute, Roorkee, Uttarakhand (www.cbri.res.in/)	Building/ Construction Materials; Structural/ Geotechnical Engineering related to Building Science	Prof. Sriman Kumar Bhattacharyya , Director Tel.: +91-1332- 272243 Email: director@cbrimail.com
VI.7	Centre for Development of Advanced Computing, Pune, Maharashtra (www.cdac.in)	Computational Aspects of Cancer Research; ICT for Development/S&T for Social Development	Prof. Rajat Moona , Director General Tel.: +91-20-25696565 Email: moona@cdac.in Dr. Hemant Darbari , Executive Director Email: darbari@cdac.in
VI.8	Indian Institute of Information Technology, Allahabad, Uttar Pradesh (www.iiita.ac.in)	Bioinformatics and Biomedical Engineering; Artificial Intelligence; Robotics; Sensors; Human Computer Interaction; Cyber Law and Information Security	Prof. M. D. Tewari , Director Tel.: +91-532-2431684, +91-532-2922027 Mobile: +91 9415235175 Email: mdt@iiita.ac.in , director@iiita.ac.in
VI.9	Central Road Research Institute, New Delhi (www.crridom.gov.in/)	Road User Behaviour in Simulated vs. Realistic Setting; Maintenance and management of Infrastructure (Roads & Bridges); Durability of Concrete Structures; Health Monitoring and Performance Evaluation of Civil Infrastructure; Designing Structures against Hazards; Transportation Planning & Engineering; Development of Mechanistic Framework for Use of RAP in Flexible Pavements & Development of Semiperpetual Flexible Pavement	T.K. Amla , Head, Information, Liaison and Training Tel.: +91-11-26921939 Mobile: +91-9810295281 Email: tkamla.crrri@nic.in
VI.10	National Institute of Wind Energy (NIWE), Chennai, Tamil Nadu (niwe.res.in)	Wind Energy Technologies	Dr. S. Gomathinayagam , Director General (DG) Tel.: Office: 044 – 2246 3981 Fax: 044 – 2246 3980 Email: dg.niwe@gov.in Mr. P. Kanagavel , Additional Director & Head, Information, Training and Commercial Services (ITCS) Email: pkanagavel.niwe@nic.in
VI.11	Indian Institute of Technology, Kharagpur, West Bengal (http://iitkgp.ac.in/)	Engineering Sciences	Prof. A B Chattopadhyay Department of Mechanical Engineering Tel.: +91 - 3222 - 282914 Email: akc@mech.iitkgp.ernet.in

VI.12	Indian Institute of Information Technology and Management, Gwalior, Madhya Pradesh (http://www.iiitm.ac.in/)	Software Engineering; Mobile Computing; Network and Information Security, and Embedded System Design under IT, and Business Analysis, Knowledge Management; Technology Management; Quality Management; Risk Management, and Business Analysis under Management	Prof. S. G. Desmukh Tel.: 0751-2449801 Fax: 0751-2449813 Email: director@iiitm.ac.in
VI.13	Indian Institute of Technology, New Delhi (http://www.iitd.ac.in/)	Cyber Security, Cyber Systems and Information Assurance	Prof R.K.Shevgaonkar, Director Tel.:+91-11-2659 1701, +91-11-2658 2020 (W) Fax:+91-11-2658 2659 Email: director@admin.iitd.ac.in Ranjan Bose, (Co-coordinator) Center of Excellence in Cyber Systems and Information Assurance Email: rbose@ee.iitd.ac.in
		Nanoscale magnetic films; Nanogranular structures; Nanomultilayers and Nanowires; Materials issues in spin-polarized electron and thermal transport; Materials engineering of transparent conducting oxides.	Prof. Dinesh K. Pandya, Professor, Physics Department Tel.: 01126591347 Email: dkpandya@physics.iitd.ac.in
VI.14	The National Law Institute University, Bhopal, Madhya Pradesh (http://www.nliu.ac.in/)	Cyber Law and Information Security	Prof. Dr. S. S. Singh, Director Tel.: 0755 - 2696965/971, Ext. 109 TeleFax : 0755 - 2696724 Email: director@nliu.ac.in
VI.15	School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, West Bengal (www.smstweb.iitkgp.ernet.in/)	Tissue Engineering; Biomaterials; Herbal medicine & Bio-Engineering	Prof. Pranab Kumar Dutta, Head Tel.: (03222) 282221 Fax: (03222) 255303, 282221 Email: officesmst@smst.iitkgp.ernet.in
VI.16	Indian Institute of Technology, Roorkee, Uttarakhand (http://www.iitr.ac.in/)	Ion Selective Electrodes; Chemical Sensors and Wastewater treatment by developing low cost adsorbent	Dr. V.K. Gupta, Professor, Department of Chemistry Email: vinodfcy@gmail.com
VI.17	India Institute of Technology, New Delhi (www.iitd.ac.in/)	Fibre Science and Technology; Yarn manufacturing; Fabric Manufacturing; Chemical Processing	Dr. Dipayan Das, Associate Professor, The Department of Textile Technology Tel.: +91 11 26591402 Fax: +91 11 26581103 Email: Dipayan@textile.iitd.ac.in Dr. R. Chattopadhyay, Professor & Head of the

			Department Tel.: +91-11-2659 1412/ +91-11-2659 1401 Fax: +91-11-26581103 Email: rchat@textile.iitd.ernet.in , rabisankarc@gmail.com , hodtextile@textile.iitd.ac.in
VI.18	Indian Institute of Technology, New Delhi (www.iitd.ac.in/)	Design Engineering; Thermal Engineering; Production Engineering; Industrial Engineering	Dr. Prof. S.R. Kale, Professor & Head of the Mechanical Engineering Department Tel.: +91-11-2659 1127, 1709 Fax: +91-11-2658 2053 Email: srk@mech.iitd.ac.in
VI.19	Department of Civil Engineering, Indian Institute of Technology, Mumbai, Maharashtra (http://www.civil.iitb.ac.i/)	Structural Engineering ; Remote Sensing; Geotechnical Engineering; Water Resources Engineering ; Transportation Systems; Ocean Engineering	Prof. Siddhartha Ghosh, Dept. of Civil Engineering (Structural Engineering) Tel.: +91 22 2576 7309 Email: sghosh@civil.iitb.ac.in Prof. V. Jothiprakash, Dept. of Civil Engineering (Water Resources Engineering), Tel.: +91 22 2576 7315 Email: vprakash@civil.iitb.ac.in
VI.20	National Council of Cement and Building Materials, Ballabgarh, Haryana (http://www.ncbindia.com)	Continuous research; technology development and transfer; education and industrial services for the cement and building materials industries	Email: nccbm@ncbindia.com , info@ncbindia.com
VI.21	PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, Madhya Pradesh (http://www.iiitdmj.ac.in/)	Mechanical Vibrations; Condition Monitoring; Nonlinear Dynamics; Applications of Soft Computing in mechanical and bio-medical engineering	Dr. Pavan Kumar Kankar, Mechanical Engineering Discipline Tel.: +91-761-2632 570 Ext. 132 Mobile: +91-9425807612 Email: kankar@iiitdmj.ac.in , pavankankar@gmail.com
VI.22	Central Electronics Engineering Research Institute, CSIR, Pilani, Rajasthan (http://www.ceeri.res.in/)	Embedded systems; Digital systems; Power Electronics; Electron Tubes – Gyrotrons; Klystrons; Magnetrons; Travelling Wave Tubes; Plasma Devices; Semiconductor – Hybrid Microcircuits; IC Design; MEMS & Microsensors; Sensors and Nanotechnology; Photonics and Optoelectronics; Semiconductor Materials and Technology	Dr. Chandra Shekhar, Director Tel.: +91-01596-242111, 252200 (O), 244222, 252530(R) Email: director@ceeri.ernet.in , chandra@ceeri.ernet.in
VI.23	School of Computer & Systems Sciences, Jawaharlal Nehru University,	Data Warehousing & Mining; Natural Language Processing; Scientific Computing & Optimization; Soft	Prof. C P Katti, Dean Tel.: + 91-11-26704767 (O) Fax: + 91-11-26742526 Email: jnu_scss@mail.jnu.ac.in

	New Delhi (www.jnu.ac.in/SCSS/default.htm)	Computing; System Modeling & Simulation; System Software; Communication Networks; Network Security; Artificial Intelligence & Robotics; Computer Graphics & Multimedia; Database Systems; Data Mining & Pattern Recognition; Digital Image Processing; Mobile Ad-Hoc Networks; Wireless & Mobile Communication; Parallel & Distributed Systems; Software Engineering; VLSI Design & Testing; Embedded Systems; Computer Vision; Micro-Electro-Mechanical Systems (MEMS)	
VII	Materials, Minerals & Metallurgy		
VII.1	Institute of Minerals and Materials Technology , Bhubaneswar, Odisha (www.immt.res.in)	Mineralogy and Materials Engineering in Mining and Mineral/Bio-Mineral Processing; Minerals Process Engineering; Metal Extraction and Materials Characterization; Pollution Monitoring and Control; Marine and Forest Production	Dr. S.K. Singh Tel.: +91-674-2379456 Email: sksingh@immt.res.in , sarojksingh@gmail.com
VII.2	Central Glass and Ceramic Research Institute , Kolkata, West Bengal (www.cgcri.res.in)	Ceramic membrane, membrane applications in drinking water, industrial effluents, food processing and membrane bioreactor; Solid Oxide Fuel Cell; Li-ion Battery; Solid Oxide Electrolyser Cell; Dense Ceramic Materials; Nano Drug Delivery and Ceramic or Glass Implants; Laser Processing of Materials; Functional Nanomaterials and Coatings; Refractory; Solid Waste Utilization Pharmaceutics & Drugs	Dr. Kamal Dasgupta , Acting Director Tel.: + 91-33-2473-5829 (O) Fax: + 91-33- 2473-0957 Email: director@cgcri.res.in Dr. Ganesh C. Sahoo , Scientist, Ceramic Membrane Division Tel.: (033) 24733496, Ext.: 3462 Fax: +91-33-24730957 Email: gcsahoo@cgcri.res.in
VII.3	National Metallurgical Laboratory , Jamshedpur, Jharkhand (www.nmlindia.org)	Micro-structural Characterization; Fatigue & Fracture and Creep; Non-destructive Evaluation; Nonferrous Metallurgy; Solid Waste Utilization and Geopolymer; Mineral Processing; Surface Engineering; Multi-scale Materials Modeling;	Dr. B. Ravi Kumar Tel.: +91-657-2245008 Email: ravik@nmlindia.org

		Voltametric Determination of Some Heavy Metals	
VII.4	Indian Plywood Industries Research & Training Institute, Bangalore, Karnataka (www.ipirti.gov.in)	Bio-Adhesives for Panel Products; Natural Bio-Fibre Composites for Value Addition	Ms. Sujatha D. , HOD, Adhesive Technology Division Mobile: +91- 9880005284 Email: dsujatha@ipirti.gov.in
VII.5	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad, Andhra Pradesh (http://www.arci.res.in/)	Nanostructured Materials; ; Carbon Nanomaterials; Nanocomposite Coatings; Engineered Coatings; Laser Surface Treatment; Sol-gel Nanocomposite Coatings; Oxide Ceramics; Non-Oxide Ceramics; Solar Energy Materials; Fuel Cell Technology; Laser Processing of Materials; Automotive Energy Materials	Dr. G. Sundararajan , Director Email: director@arci.res.in , gsundar@arci.res.in
VII.6	Department of Physics, Indian Institute of Science, Bangalore, Karnataka (http://www.physics.iisc.ernet.in/)	Carbon nanoparticles; Fibers and fabric; Carbon nano sensors and electromagnetic shielding applications Nanotubes; Zinc oxide particles; Nanowires; Polymer composites	Prof. Prasad Vishnu Bhotla , Principal Research Scientist Tel.: +91-80-2293-3338 Email: vishnu@physics.iisc.ernet.in
VII.7	Indian Institute of Technology, Mumbai, Maharashtra (http://www.met.iitb.ac.in)	Scientific and engineering aspects of the structure; properties; synthesis/processing/manufacturing and application of materials; Ferrous & Non-Ferrous Metallurgy Metal Forming & Joining; Surface Engineering (Corrosion, Wear, Coating etc.); Semiconductor Materials & Devices including Thin Films; Magnetic; Electronic & Opto-Electronic Materials Bio-Materials; Nano-Materials; Materials for MEMS; Polymer & Blends; Composite & Ceramic Materials; Simulation & Modeling of Materials & Processes	Dr. Prof. N. Prabhu , Head, Department of Metallurgical Engineering and Materials Science Tel.: +91 22 2576 7600 Email: nprabhu@iitb.ac.in Prof. K. Pande , Professor and Head, Department of Earth Sciences, Email: kanchanpande@iitb.ac.in
VII.8	National Institute of Technology, Rourkela, Odisha (www.nitrkl.ac.in)	Mining Technology; Geomechanics and Strata Control; Mine Environment and Safety Engineering; Clean Coal Technology; Mine Planning; Mine Surveying; Mining Geology and Hydrogeology	Dr. S. Chatterjee , Assistant Professor, Dept. of Mining Engg. Tel.: 0661-2462656/ 09938485254 Email: saurav@nitrkl.ac.in

		Artificial intelligence; Boundary value problems; Differential equations; Fluid dynamics; Fuzzy set theory; Neural Network, Genetic algorithm; Mathematical modeling and simulation; Mathematical physics; Numerical analysis; Mathematical programming; Stochastic Processes; Vibration Problems and Wavelet Transforms	Dr. Snehashish Chakraverty , Professor and Head, Department of Mathematics Tel.: 0661-246-2713 (office), Mobile: 09438135400 Email: sne_chak@yahoo.com , chakravertys@nitrrkl.ac.in , snechak@gmail.com
VII.9	Indian Institute of Metals, C/o Department of Materials Engineering, Indian Institute of Science, Bangalore, Karnataka (http://www.iimbc.in/index.php)	Mineralogy and Materials Engineering in Mining and Mineral	Tel.: 080 – 22932259 Fax: 080 - 23600472 Email: iimbangalorechapter@gmail.com
VIII	Multi-disciplinary and Other Areas		
VIII.1	National Institute of Science Technology and Development Studies, New Delhi (www.nistads.res.in)	S&T Policy and Management: Innovation Policy and Survey & Measurement, Sector Analysis; S&T Indicators / Measurement Studies/ Mapping Knowledge Bases for Development; Technology Foresight, Assessment & Demand & Strategy Mapping; Science and Technology for Rural Development; Industrial Research, Intellectual Property, MSME	Dr. Kasturi Mandal , Scientist Tel.: +91-11-25843385 Mobile: +91-9313245343 Email: kstr.mndl@gmail.com Dr. Rajeswari Raina , Scientist Tel.: 11-25843027 Email: rajeswari_raina@yahoo.com
VIII.2	National Institute for Inter-disciplinary Science and Technology Thiruvananthapuram, Kerala (www.niist.res.in)	Agro-processing and Natural products; Biotechnology, Materials Science and Technology; Chemical Sciences & Technology; Process Engineering and Environmental Technology	Director Tel.: +91-4712490324 Email: director@niist.res.in Dr. Ashok Pandey , Chairman, International Steering Program Tel.: +91-471-2515 279 Email: pandey@niist.res.in , ashokpandey56@yahoo.co.in

VIII.3	National Environmental Engineering Research Institute, Nagpur, Maharashtra (www.neeri.res.in/)	Clean Air and Waste Utilisation. Air Pollution Control; Climate Change; Ecosystem; Environmental Health; Environmental Biotechnology; Environmental Genomics; Environmental Impact & Risk Assessment; Environmental Materials; Environmental Systems Design & Modelling; Water Technology & Management; Solid & Hazardous Waste Management; Waste Water Technology	Dr. Rajiv A. Sohony , Science Secretary and Head, ESDM Tel.: +91-712-2249990 Mobile: +91-9423679954 Email: ra_sohony@neeri.res.in Dr. S.R. Wate , Director Tel.: +91-712-2249999 (O), Extn:388 Email: director@neeri.res.in
VIII.4	Pushpa Gujral Science City, Jalandhar, Punjab (www.pgsciencecity.org)	Popularisation of Science: Public communication of Science and Technology; Scientific exhibits – Conceptualization, Design and Development Strategy	Dr. Rajesh Grover , Director, Tel.: +91-1822-501963-64 (O) Mobile:+91-98555-71067 Email: rgrover99@sify.com
VIII.5	National Council of Science Museums (NCSM), Kolkata, West Bengal (www.ncsm.org.in/)	Popularisation of Science: Science Communication as Applicable to Science Centre & Science Museum Domain; especially in the Areas like Visitor Research; Learning Outcomes From Exhibits in Science Museums; New Technology Interface for Better Communication Practices in Science Museums Fields	Mr. S. Chaudhuri , Director Tel.: +91-33- 2357 5692 Email: director_crtl@ncsm.gov.in
VIII.6	North East Institute of Science and Technology, Jorhat, Assam (www.rrljorhat.res.in)	Chemical sciences; Biological sciences; materials sciences; Agro-science and technology; Geosciences	Dr. R.C. Boruah , Director, Tel.: +91-376-2370012 Email: director@rrljorhat.res.in , rc_boruah@yahoo.co.in
VIII.7	Institute of Wood Science and Technology, Bangalore, Karnataka (http://iwst.icfre.gov.in/)	Wood Properties and Engineered Wood; Wood Processing; Forest and Wood Protection; Tree Improvement and Genetics; Chemistry of Forest Products	Dr. V.Ramakantha , Director Tel.: +91-80-22190102 Fax: +91-80-23340529 Email: dir_iwst@icfre.org
VIII.8	Centre for Ecological Sciences, Indian Institute of Science, Bangalore, Karnataka (http://ces.iisc.ernet.in)	Behavior; Ecology; Evolution; Climate Change & Conservation	Dr. Renee M. Borges , Chairperson Email: cesoffice@ces.iisc.ernet.in , chairman@ces.iisc.ernet.in
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VIII.10	NALSAR University of Law, Hyderabad, Andhra Pradesh (http://www.nalsar.ac.in/)	Intellectual Property (IP) Rights	Prof. V. C. Vivekanandan Tel.: +91(40) 23498401 Email: vivek@nalsarpro.org
VIII.11	Indian Institute of Remote Sensing, Dehradun, Uttarakhand (http://www.iirs.gov.in/)	Earth Resources and system study biodiversity characterization; integrated wasteland development planning; bio-prospecting; wasteland and sustainable development planning; geospatial modelling	Dr. Y.V.N. Krishna Murthy, Director Tel.: + 91 - (0)135 - 2524399 Fax: + 91 - (0)135 - 2741987 Email: director@iirs.gov.in
VIII.12	Institute for Social and Economic Change, Bangalore, Karnataka (http://www.isec.ac.in/)	Agricultural Economy; Study of Investment in industry; Bio-diversity at village and taluk levels and related implications; Livestock and environment interactions; Economic and institutional aspects of production and usage of bio-fuels and Environmentally hazardous subsidies; Understanding river eco-systems; Development alternatives for rural water supply institutions., Universalisation of primary education; Role of rural local organisations in social sector development; Natural resource management and basic services; Society Politics and Decentralised Governance; Governance (including Democracy; Decentralisation and Ethics) and Development; Reproductive Child Health (RCH)	Dr. Binay Kumar Pattnaik, Director Tel.: 080-23217010 Email: director@isec.ac.in
VIII.13	Tata Institute of Social Sciences, Mumbai, Maharashtra (http://www.tiss.edu/)	Children and youth; community development; dalit and tribal issues; education; women and gender; disaster management; rural development; governance; natural resource management and urban issues.	Prof. S. Parasuraman, Director Email: sparasuraman@tiss.edu Prof. Surinder Jaswal, Professor, Dean Email: surijas@tiss.edu
VIII.14	School of International Studies, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/SIS)	American Studies; Latin American Studies; West European Studies; Canadian Studies; Diplomatic Studies; International Legal Studies; International Trade and Development; Chinese Studies; Japanese and Korean Studies; International Politics;	Prof. Anuradha Mitra Chenoy, Dean Tel.: 26704328, 26704361

		International Organisation; Disarmament Studies; Political Geography; Russian and East European Studies; South Asian Studies; South East Asian & Southwest Pacific Studies; Central Asian Studies; West Asian and North African Studies; Sub-Saharan African Studies	
VIII.15	Centre for Studies in Science Policy, School of Social Sciences, Jawaharlal Nehru University, New Delhi (http://www.jnu.ac.in/SSS/CSSP/)	Science; technology and innovation policies; university – industry relations; intellectual property rights; gender relations in science and technology; globalisation of innovation; internationalisation of R&D; technology and environment; scientists in organisations and technology futures studies	Dr. Madhav Govind, Chairperson Tel.:+91-11-2670 4105 Email: m_govind@mail.jnu.ac.in , cssp_chairperson@hotmail.com