

Partial List of R & D institutions and suggested areas of research for placement of overseas candidates

Broad areas of Research

Host Institution in India

Bio Sciences

<p>Molecular Biology & Biotechnology</p> <p>Plant biotechnology and genetic engineering</p> <p>Microbial biotechnology, enzyme technology, Biochemistry and biotechnology of snake venom proteins and toxins</p> <p>Molecular Modeling, Catalysis hybrid quantum mechanics / molecular mechanics, DFT based reactivity descriptors, Computer aided drug design</p> <p>QSAR, Theoretical studies on nano clusters</p>	<p>Tezpur University, Napaam, Tezpur, Assam</p> <p>Phone : +91-3712-267007-8-9</p> <p>Fax : : +91-3712-267006</p> <p>E-mail : pcdeka@tezu.ernet.in m@tezu.ernet.in</p> <p>Web: www.tezu.ernet.in</p>
<p>Biotechnology</p> <p>Molecular biology, Yeast molecular genetics, Gene regulation, Protein folding.</p> <p>Microbial Production, Modeling and Simulation of Bioprocess, Bioremediation.</p>	<p>National Institute Of Technology Calicut NIT , Calicut</p> <p>Ph.No. 0495 2286101,</p> <p>Fax No. 0495 2287250</p> <p>Email:- director@nitc.ac.in</p>

<p>Biotechnology</p> <p>Bioprospecting and biotechnology of marine microorganisms</p> <p>Evaluation, mechanism and control of biofilm and biofouling</p> <p>Bioactive molecules from marine environment</p>	<p>National Institute of Oceanography (NIO) Dona Paula - 403 004, Goa, India EPABX : +91 (0) 832 - 2450450; Fax : +91 (0) 832 - 2450602 & 2450603 e-mail : ocean@nio.org</p>
<p>Biochemistry</p> <p>Complete Purification and Characterization of Alpha & beta Amylases from a highly Amylolytic Nigerian maize cultivars</p>	<p>Indian Institute of Science, Bangalore 560 012, INDIA Telephone : +91-80-23600757 Fax : +91-80-2360 0683/0085 Email : regr@admin.iisc.ernet.in</p>
<p>Biotechnology</p> <p>Development and protection of novel Probiotic Bifidobacteria in Food and health products by application of the immobilized cell technology- Bioencapsulation immobilization tech</p>	<p>Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, Jadavpur Kolkata 700032 (West Bengal) Phone : +91 33 2473 0492 Fax : +91 33 2473 5197, +91 33 2472 3967 e-Mail : director@iicb.res.in</p>
<p>Biotechnology</p> <p>An integrated molecular, genetic and physiological approach to identify & characterize the mechanisms underlying zinc efficiency & transport in plants.</p>	<p>Jawaharlal Nehru University, New Delhi New Delhi-110 067, India Tel: 91-11-26741500(O), Fax: 91-11-26742580 Email: bbb@mail.jnu.ac.in vc@mail.jnu.ac.in</p>
<p>Biotechnology</p>	<p>Institute of Life Sciences, Bhubaneswar info@ils.res.in</p>
<p>Microbial Molecular Biology Venomics, Biochemistry of snake venom Yeast genetics Nanobiotechnology Animal cell and tissue culture Membrane separation/ technology and Hydrogen production Sol-Gel Techniques for coating Biosensors Nanomaterials</p>	<p>Birla Institute Of Technology And Science, Pilani Goa Campus Near NH178, Bye Pass Road, Zuarinagar – 403726, Goa India Ph. No. 0832-2580112 Mobile (0) 9923143401 Email: manjare@gmail.com</p>

<p>Cell Biology and Physiology</p> <p>Molecular & Human Genetics</p> <p>Drug Development Diagnostics</p>	<p>Indian Institute Of Chemical Biology (IICB) 4, Raja S.C. Mullick Road, Jadavpur Kolkata 700032 (West Bengal)</p> <p>Phone : +91 33 2473 0492 Fax : +91 33 2473 5197, +91 33 2472 3967 e-Mail : director@iicb.res.in</p>
<p>Studies On Infectious Diseases Particularly Leishmaniasis.</p> <p>Genome organization and epigenetic regulation of genes.</p> <p>To investigate Neurometabolism in Addition.</p> <p>Investigations into the Physiology and Pathogenic Mechanisms of Mycobacterium tuberculosis.</p> <p>Molecular Basis of Cold-adaptation and Biotechnological Application</p>	<p>Centre for Cellular & Molecular Biology (CCMB) Uppal Road, Hyderabad 500 007, Andhra Pradesh</p> <p>Telephone: 040-27160222-41 Fax: 040-27160591/ 0311 Email: (Director): lalji@ccmb.res.in Web: http://www.ccmb.res.in/</p>
<p>Genetic Engineering & Biotechnology</p> <p>Development and protection of novel Probiotic Bifidobacteria in Food and health products by application of the immobilized cell technology- Bioencapsulation immobilization tech</p>	<p>National Centre for Biological Sciences, Bangalore</p>
<p>Plant tissue culture(Micropropagation)</p>	<p>Forest Research Institute, Dehradun</p>
<p>Plant Physiology</p> <p>Lipid metabolism & adaptive strategies of crop plants growing in heavy metal contaminated agroecosystem</p>	<p>University of Hyderabad, Hyderabad</p>
<p>Zoology</p> <p>Effect of Dietary Selenium on some Physiological Functions of tilapia Exposed to Environmental Pollution with copper</p>	<p>Aligarh Muslim University, Aligarh, India</p>

<p>Biotechnology</p> <p>Microbial Exploration, Enzyme application, Sericulture Biotechnology, Soil Microbiology</p>	<p>North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India</p> <p>Phone (Office)-91(0) 376- 2370012 (Res)- 91(0) 376- 2370105</p> <p>FAX- 91(0) 376- 2370011</p> <p>E-mail drrlit@csir.res.in director@rrijorhat.res.in</p>
<p>Agrotechnology</p> <p>Medicinal & Aromatic Plants, Entomology, Plant Molecular Biology, Plant Tissue Culture</p>	<p>North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India</p> <p>Phone (Office)-91(0) 376- 2370012 (Res)- 91(0) 376- 2370105</p> <p>FAX- 91(0) 376- 2370011</p> <p>E-mail drrlit@csir.res.in director@rrijorhat.res.in</p>
<p>Genomics</p> <p>Transgenics</p> <p>Plant virology and plant pathology</p> <p>Natural Plant product chemistry</p> <p>Processing Tech for food (Tea/Stevia/Natural edible colors) and Medicinal and aromatics</p>	<p>Institute of Himalayan Bioresource Technology (Council of Scientific & Industrial Research) Post Box No. 6 Palampur (H.P.) 176061 INDIA</p> <p>Tel. : +91-1894-230411</p> <p>Fax : +91-1894-230433</p> <p>E-mail : psahuja@ihbt.res.in director@ihbt.res.in</p>

<p>Molecular Biology and biotechnology. Marine biotechnology, environmental biology, marine algalogy Genetic improvement Non traditional oil yielding plants provenance trial, Halophytes, Tissue culture Plant Biotechnology and Molecular Biology, Stress Physiology Introduction of desert economic plants and their micropagation, tissue culture Development and characterization of reverse osmosis membranes, membrane separation and RO pant installation Membrane science and technology, membrane reactors (inorganic and polymeric), inorganic-organic/polymeric nanocomposites. Gas separation using membranes</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)</p> <p>E-Mail : salt@csmcri.org</p> <p>Phone : 0278-2567760 / 2568923 / 2565106</p> <p>Fax. No : 0278-2567562 / 2566970</p>
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Chemical Science

<p>Organic Synthesis, Medicinal Chemistry Polymer Science and Engineering Chemical Engineering Science Chemistry Of Materials, including nanomaterials, Theory and computational Chemistry Catalysis Science</p>	<p>National Chemical Laboratory (NCL) Dr. Homi Bhabha Road, Pune 411 008, Maharashtra Telephone: 020-20-5893030 Fax: 020-5893355 Email: director@ems.ncl.res.in pk.khare@ncl.res.in</p>
<p>Polymer Science and Technology</p>	<p>National Institute of Technology Karnataka (NITK) Surathkal SRINIVASNAGAR PO Dakshina Kannada District Karnataka State India PIN 575 025</p>
<p>Analytical Chemistry</p>	<p>Indian Institute Of Toxicology Research (IITR) Mahatma Gandhi Marg, P.O. Box No. 80, Lucknow 226 001, Uttar Pradesh India Telephone: 0522-2621856, 2228227, 2213357 Fax: 0522-2228227, 2211547 Email: info@itrcindia.org ; rpbditrc@yahoo.com Web: http://www.itrcindia.org/</p>
<p>Coordination chemistry and bio inorganic, Polymer anchored metal complexes as redox catalysis, Polymeric composite material, Electroactive polymer, Graft co-polymerization, wood hardening, controlled release polymers, emulsion polymers, Polymer Nanocomposite, Dendritic polymer, Renewable resource based polymer, Surface coating, Molecular Modeling, Catalysis hybrid quantum mechanics / molecular mechanics, DFT based reactivity descriptors, Computer aided drug design QSAR, Theoretical studies on nano clusters</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in m@tezu.ernet.in Web: www.tezu.ernet.in</p>

<p>Inorganic Chemistry</p> <p>Mechanochemical Synthesis of Binary Oxides</p>	<p>Indian Institute of Science, Bangalore 560 012, INDIA Telephone : +91-80-23600757 Fax : +91-80-2360 0683/0085 Email : regr@admin.iisc.ernet.in</p>
<p>Mineral Processing and Engineering</p> <p>Ferrous and Non-ferrous metal extraction</p> <p>Alloy design, Development and Forming</p> <p>Materials Characterization and Evaluation</p> <p>Applied Chemistry and Corrosion</p> <p>Process modeling and simulation</p>	<p>National Metallurgical Laboratory (NML) Jamshedpur 831007 (Jharkhand)</p> <p>+91-657-2271715, 2270092</p> <p>E-Mail: director@nmlindia.org ichatt@nmlindia.org</p>
<p>Zeolite and Gas Absorption, Coordination Chemistry, Catalysis, Membrane, Molecular Biology, Algology, Natural Product Chemistry</p>	<p>Central Salt & Marine Chemicals Research Institute (CSMCRI) Bhavnagar, Gujarat Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>
<p>Chemical/ Physical Science</p>	<p>Central Leather Research Institute (CLRI) Adyar, Chennai 600 020, Tamil Nadu Telephone: 044-24910846/ 97 Fax: 044-24911589, 24912150 Email: directorsoffice@clrim.org clrim@vsnl.com ; abmandal@clri.res.in ; abmandal@hotmail.com</p>
<p>Chemistry Division</p>	<p>Indian Institute Of Chemical Biology (IICB) 4, Raja S.C. Mullick Road, Jadavpur Kolkata 700032 (West Bengal) Phone : +91 33 2473 0492 Fax : +91 33 2473 5197, +91 33 2472 3967 e-Mail : director@iicb.res.in</p>

Organic Synthesis, Medicinal Chemistry Polymer Science and Engineering Chemistry Of Materials, including nanomaterials Theory and computational Chemistry Catalysis Science	National Chemical Laboratory (NCL) Dr. Homi Bhabha Road, Pune 411 008, Maharashtra Telephone: 020-20-5893030 Fax: 020-5893355 Email: director@ems.ncl.res.in pk.khare@ncl.res.in
Chemical Science	Indian Institute of Science Education and Research (IISER) First floor, Central Tower, Sai Trinity Building Garware Circle, Sutarwadi, Pashan Pune, Maharashtra 411021, India Phone: +91 (20) 2588 1724/1725 Fax: +91 (20) 25899790
Chemical Science	Indian Institute of Technology Delhi (director@admin.iitd.ac.in)
Chemical Science	Jawaharlal Nehru University, New Delhi
Chemical Science Medicinal Chemistry, Natural Product Chemistry, Synthetic Organic Chemistry, Polymer Chemistry, Analytical Chemistry	North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India Phone (Office)-91(0) 376- 2370012 FAX- 91(0) 376- 2370011 E-mail drrijt@csir.res.in director@rrljorhat.res.in
Chemistry Electrochemistry clays Emulation Science Kinetics of ligand exchange reactions, Homogenous catalysis, Coordination compounds, High pressure kinetics Electrochemistry, Electrochemical applications, Ion Exchange membranes application in electrochemical synthesis Inorganic chemistry, synthesis of inorg. Complexes, kinetic and reactivity study, photophysical studies of inorganic complexes Catalysis of organic transformation by oxidation and Hydroformylation, High pressure and temperature reactions of C! Chemicals, Reference materials Synthesis of chiral bioactive materials synthesis of nanosized organic hybrid materials for specialty applications.	Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970

<p>Applicational ion exchange membranes Membrane based processes for separation Polysacharides, gels, materials, bioactive compounds PS and TFC membrane making for desalination purpose Catalysis carbonylation hydroformylation spent catalysis methane carbon monoxide Synthesis, characterization and modification of specialty inorganic chemicals, identification of solid waste components, developing treatment methodology to remove impurities from value added products Synthesis as Ru-u-oxocomplexes and their use in homogeneous catalysis Electrodialysis Electromembrane process. Organic inorganic nano compounds, polymers, polymer electrolytic membrane for fuel cells. Protein separation. Analytical chemistry, crystal engineering, supramolecular chemistry, metal organic frameworks, microporous materials, anion recognition, x-ray crystallography, water clusters</p>	
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Leather Science

<p>Leather Processing Leather Product/Footwear Chemical/ Physical Science Biological Science Engineering Sciences Information Sciences</p>	<p>Central Leather Research Institute (CLRI) Adyar, Chennai 600 020, Tamil Nadu Telephone: 044-24910846/ 97 Fax: 044-24911589, 24912150 Email: directorsoffice@clrim.org clrim@vsnl.com ; abmandal@clri.res.in ; abmandal@hotmail.com</p>
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Physical Science

<p>High Energy Physics</p>	<p>Birla Institute Of Technology And Science, Pilani Goa Campus Near NH178, Bye Pass Road, Zuarinagar – 403726, Goa India Ph. No. 0832-2580112 Mobile (0) 9923143401 Email: manjare@gmail.com</p>
<p>Nanoscience, Optoelectronics, Confocal microscopy</p> <p>Condensed matter physics, Materials science, Global positioning system</p> <p>Condensed matter physics, Electronics, Nanoscience & technology</p> <p>Theoretical high energy physics, Particle physics</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in/ahom_m@tezu.ernet.in Web: www.tezu.ernet.in</p>
<p>Space and Atmospheric Sciences</p>	<p>PHYSICAL RESEARCH LABORATORY (PRL) Navrangpura, Ahmedabad</p> <p>Phone: +91 79 26314000, 26302129. Fax: +91 79 2631 4900 email: info@prl.res.in</p>
<p>Super conductivity/ Low temperature physics; Material characterization; Growth and characterization of Nano particles.</p>	<p>National Physical Laboratory, New Delhi</p>
<p>Condensed Matter Physics, Molecular and Organic Electronics</p> <p>Solid State Physics/Nonlinear Optics</p> <p>Condensed matter Physics (Theory) Solid State Physics, Liquid Crystal Displays, Development of Different Polymeric Systems, Polymer Nanoparticles, Transport through Membranes, Raman Spectroscopy</p>	<p>National Institute Of Technology Calicut NIT , Calicut Ph.No. 0495 2286101, Fax No. 0495 2287250</p> <p>Email:- director@nitc.ac.in</p>

<p>High Energy Physics, Experimental Particle Physics</p>	<p>Tata Institute of Fundamental Research Homi Bhabha Road, Mumbai 400 005, India 22 2278 2000 , 22 2280 4610, 2280 4611 webmaster@tifr.res.in</p>
<p>Absorption isotherm studies of Kr films absorbed on carbon nanotube</p>	<p>Central Salt & Marine Chemicals Research Institute, Bhavnagar, Gujarat Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>
<p>Physical Science</p>	<p>Indian Institute of Science Education and Research (IISER) First floor, Central Tower, Sai Trinity Building Garware Circle, Sutarwadi, Pashan Pune, Maharashtra 411021, India Phone: +91 (20) 2588 1724/1725 Fax: +91 (20) 25899790</p>
<p>Physical Science</p>	<p>Crystal Growth Centre, Anna University, Chennai-60025. Phone no : 91-44-22203569 Fax no : 91-44-22352774 Emai : arivuoli@annauniv.edu, dircgc@annauniv.edu</p>
<p>Solar Heat and Power and it's application Electron transfer molecular sensor solar energy conversion. Supramolecular chemistry and assembly Renewable energy, solar PV, solar thermal bioenergy Monodisperse, nanostructured supercritical water mesoporous catalysis Structural Elucidation by Mass Spectra, LC-MS</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>

Mathematical Sciences

<p>Communicative Algebra/Operations Research Stochastic Processes Time Series Analysis/ Statistical Methods for Quality Management Operator Theory Computational Fluid Dynamics & Scientific Computing Functional Analysis, Operator Algebras Time series Modelling Harmonic Analysis Fuzzy Graph Theory Operations Research</p>	<p>National Institute Of Technology Calicut NIT, Calicut Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
<p>Discrete probability distributions, Optimization techniques using generic algorithms, Statistical data analysis: Econometric study Application of GIS for Remote Sensing data analysis, Number theory, Mathematics influenced by Ramanujan Topology, Fuzzy sets and applications, Digital topology</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in/ahom_m@tezu.ernet.in Web: www.tezu.ernet.in</p>
<p>Numerical Methods Discrete Mathematics</p>	<p>Birla Institute Of Technology And Science, Pilani Goa Campus Near NH178, Bye Pass Road, Zuarinagar – 403726, Goa India Ph. No. 0832-2580112 Mobile (0) 9923143401 Email: manjare@gmail.com</p>
<p>Hyperbolic distance, internal apollonian metric and John disks Some results and applications on weighted norm integral inequalities of Hardy's Type</p>	<p>Indian Institute of Technology, Chennai</p>
<p>Mathematical Sciences</p>	<p>Indian Institute of Science Education and Research (IISER) First floor, Central Tower, Sai Trinity Building Garware Circle, Sutarwadi, Pashan Pune, Maharashtra 411021, India Phone: +91 (20) 2588 1724/1725 Fax: +91 (20) 25899790</p>

Medical Science

Health care technology R & D, clinical cardiovascular and neurosciences, and /or clinical biochemistry or microbiology	Sree Chitra Tirunal Institute For Medical Science & Technology, Trivandrum, Kerala
Bone Marrow/Stem cell transplantation in Department of Oncology	IRCH – All India Institute of Medical Sciences, New Delhi
Neuroscience	National Brain Research Centre, Haryana
Medical Science	Centre for DNA Finger Printing and Diagnostics, Hyderabad
Medical Science	Centre for DNA Finger Printing and Diagnostics, Hyderabad

Pharmaceutical Science

Evaluation of Terminalia randii Gum as a controlled release agent	Panjab University, Chandigarh
Evaluation of the role of Androgens in the Onset and Severity of Salt-induced Hypertension in Male Sprague Dawley Rats	Sree Chitra Tirunal Institute For Medical Science & Technology, Trivandrum, Kerala
Pharmaceutical Science	Shree S.K.Patel College of Pharmaceutical Education& Research, Ganpat University Mehsana-Gozaria Highway, Kherva-382711, Ta. & Dist: Mehsana (N.G.) India Telephone No: +91 2762 286082 Telefax. No: +91 2762 286082. Visit us: www.skpharmacycollege.org Email address: info.skpcper@ganpatuniversity.a
Bioassay-guided investigations of Nigerian Medicinal plants in attenuating aluminium induced Neurobehavioural deficits: Implications for Alzheimer's disease	Indian Institute of Chemical Biology, (IICB) 4, Raja S.C. Mullick Road, Jadavpur Kolkata 700032 (West Bengal) Phone : +91 33 2473 0492 Fax : +91 33 2473 5197,+91 33 2472 3967 e-Mail : director@iicb.res.in

<p>New drug discovery from natural products (new chemical entities as well as phytopharmaceuticals) Natural products chemistry (isolation, synthesis and medicinal chemistry) Metabolic engineering of biosynthetic pathways in plants, bacteria and fungi Pharmacology of NCEs and phytopharmaceuticals Bioprospecting of medicinal, aromatic plants, and microbes</p>	<p>Indian Institute Of Integrative Medicine (IIIM) (Formerly Regional Research Laboratory) Canal Road, Jammu – Tawi - 180001 (J&K) Phones : EPABX (0191) 2569000 – 06; (Director) 2569111, 2569222, 2569333 (FAX); PME 2569019 (P/F) (CoA) 2569016 –17 (F), PUR 2569025 (P/F), ACCTS 2569026,</p>
<p>Influence of some host factors on the efficacy and tolerability of cotrimoxazole when used in the treatment of acute uncomplicated falciparum malaria</p>	<p>Jawaharlal Institute of Post Graduate Medical Education and Research, Pondicherry</p>
<p>Plant Genomics – Diversity Analysis, Organic/Synthetic Chemistry or Natural Plant Products, Plant Virology</p>	<p>Institute of Himalayan Bioresources Technology (IHBT), Palampur</p>
<p>Herbal health products (Phytopharmaceuticals)</p>	<p>National Botanical Research Institute (NBRI) Lucknow , Uttar Pradesh Email: p.pushpangadan@nbri.res.in rk_srivastava42@yahoo.co.in</p>
<p>Cerebro and Cardio-protective properties of extracts of chromolaena odorata and Securidaca longepedunculata Possible Pro- Apoptotic effect of some Herbs of Nigerian origin on Human Prostate cancer cells</p>	<p>Central Drug Research Institute, (CDRI) Chattar Manzil Palace, Post Box No. 173 Lucknow - 226 001 (India)</p>
<p>Drugs and Pharmacology</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>

Veterinary Science

Veterinary Science	Tamil Nadu Veterinary College Chennai 600 007 INDIA
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Agricultural Sciences

Agricultural Sciences	University of Agricultural Sciences
Molecular characterization of Apple chlorotic leaf spot virus (ACLSV)	Institute of Himalayan Bioresource Technology, Himachal Pradesh, India
Fishery Science	Aligarh Muslim University, Aligarh, India

Food Science

Food Science & Food Technology and Nutrition	Central Food & Technological Research Institute, Mysore
Rice processing, food analysis, food quality, product development Food chemistry, food quality	Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in m@tezu.ernet.in Web: www.tezu.ernet.in
Processing Tech for food (Tea/Stevia/Natural edible colors) and Medicinal and aromatics	Institute of Himalayan Bioresource Technology (Council of Scientific & Industrial Research) Post Box No. 6 Palampur (H.P.) 176061 INDIA Tel. : +91-1894-230411 Fax : +91-1894-230433 E-mail : psahuja@ihbt.res.in director@ihbt.res.in

Environmental Science

<p>Environmental plant physiology and biochemistry, Greenhouse gas emission from agricultural and forest sources, Environmental stress and Environmental pollution, Climate change</p> <p>Environmental chemistry, Environmental pollution & remediation, Waste management and instrumentation, Solar energy, Hydrogen energy, Energy education, Energy management and mathematical modeling, Farm mechanization</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in m@tezu.ernet.in Web: www.tezu.ernet.in</p>
<p>Environmental Carcinogenesis, Epidemiology, Immunotoxicology, Petroleum Toxicology</p>	<p>Indian Institute Of Toxicology Research (IITR) Mahatma Gandhi Marg, P.O. Box No. 80, Lucknow 226 001, Uttar Pradesh India Telephone: 0522-2621856, 2228227, 2213357 Fax: 0522-2228227, 2211547 Email: info@itrcindia.org rpbditrc@yahoo.com Web: http://www.itrcindia.org/</p>
<p>Air Pollution Control</p> <p>Environmental Biotechnology</p> <p>Environmental Impact And Risk Assessment</p> <p>Environmental Materials</p> <p>Environmental Systems Design Optimization And Modelling</p> <p>Geo-Environment Management</p> <p>Solid And Hazardous Waste Management</p> <p>Wastewater Technology</p>	<p>National Environmental Engineering Research Institute, Nehru Marg, Nagpur, 440020, India</p> <p>Tel: 0712-2249885-88 & 2249970-72. Fax:0712-2249900.</p> <p>e-mail: ra_sohony@neeri.res.in,</p> <p>URL: http://www.neeri.res.in</p>

<p>Coastal zone plantations, wasteland management, turnkey projects on saline land development Efficacy of LSF salt tolerance of Jatropha Documentation of Indian seaweeds cultivation of economically important seaweeds Ion exchange technology water pollution control water treatment Biomonitoring and bioremediation of marine environmental pollution; environmental audit of industries, comprehensive marine EIA, Rapid EIA, environmental pollution related problems and impact assessment studies of industries. Erosion wear laser clad CED method for ultrapure water ion exchange membrane eD method Environmental impact assessment. Environmental audit marine waste water treatment, biosorption, waste management. Agronomy, plant nutrient, management, jatropha curcas, cultivation in wasteland research, water management</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>
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Material Sciences

<p>Material Sciences</p> <p>(Inorganic Chemistry, Nanotechnology, Metal Complexes, Mineral beneficiation, Coal Chemistry, Cellulose, Pulp & Paper)</p>	<p>North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India</p> <p>Phone (Office)-91(0) 376- 2370012 (Res)- 91(0) 376- 2370105</p> <p>FAX- 91(0) 376- 2370011</p> <p>E-mail drrlit@csir.res.in director@rrijorhat.res.in</p>
<p>Material S&T</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)</p> <p>E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>

Aerospace Research

<p>Experimental Aero dynamics</p> <p>Computational and Theoretical Fluid Dynamics</p> <p>Structural Technologies</p> <p>Materials Science</p> <p>Surface Engineering</p>	<p>National Aerospace Laboratories, PB 1779, Bangalore 560 017, India.</p> <p>Tel: 91-80 25086080, 25086083</p> <p>Fax: 91-80-25268072</p> <p>E-mail: goudar@css.nal.res.in ; adminicast@css.nal.res.in</p> <p>Website: www.nal.res.in</p>
<p>Aerospace & Aircraft Engineering</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>

Earth Science

Lithospheric studies	National Geophysical Research Institute, Uppal Road, Hyderabad - 500 007, INDIA email : director@ngri.res.in Phone No: +91-40-23434600 Fax No: +91-40-23434651
Exploration of minerals, hydrocarbons and geothermal energy	
Exploration and management of ground water	
Earthquake hazards	
Engineering geophysics	
Environmental studies	
Nonlinear geophysics and geophysical inversion	

Remote Sensing

<p>Remote Sensing Application in Agrl & Soils, RS application in Geosciences, Geoenvironmental Science, RS application in Forestry, Environment & wildlife habitat, Ecology, RS application in Hydrology, Water Resources</p> <p>Geo informatics Development of early warning predictive model for monitoring desertification in North-Eastern Nigeria using RS/GIS techniques</p>	<p>Indian Institute of Remote Sensing, Dehradun</p>
<p>Application of GIS for Remote Sensing data analysis</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in m@tezu.ernet.in Web: www.tezu.ernet.in</p>
<p>Geophysics, Geology/Geochemistry and Seismology</p>	<p>National Geophysical Research Institute, Hyderabad</p>
<p>Wave hydrodynamics, Physical modeling of Breakwaters, Coastal erosion and mitigation, Coastal pollution and management, Coastal wetlands, ANN, RS and GIS applications in coastal engineering</p>	<p>National Institute of Technology Karnataka (NITK) Surathkal SRINIVASNAGAR PO Dakshina Kannada District Karnataka State India PIN 575 025</p>
<p>Geosciences (Seismology, Geology)</p>	<p>North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India</p> <p>Phone (Office)-91(0) 376- 2370012 (Res)- 91(0) 376- 2370105</p> <p>FAX- 91(0) 376- 2370011</p> <p>E-mail drrljt@csir.res.in director@rrljorhat.res.in</p>

Marine Science

<p>Environment Impact Assessment & Risk Assessment, Marine Biotechnology, Marine resources, Gas Hydrates and Underwater Submersible</p>	<p>National Institute Of Ocean Technology, Chennai</p>
<p>Understanding Coastal Upwelling : A system biology approach to delineate web dynamics from primary to tertiary level</p> <p>Impact on the coastal zone due to natural and anthropogenic pressures</p> <p>Observation of sea level surface meteorological data from coastal locations</p> <p>Engineering analysis of coastal processes for marine structures and technology development towards marine activities</p> <p>Role of the Equatorial Indian Ocean processes on the Climate Variability (EIO-CLIVAR)</p> <p>Integrated studies to understand the behaviour of the geobiological environs in deciphering gas hydrate occurrence along the Indian continental margin</p> <p>Deciphering deep crustal structure, tectonic processes and evolution of the Indian continental margins and adjoining ocean basins</p> <p>Seamount ferromanganese crust in the Indian Ocean : Genesis, Paleoceanography and resource potential</p> <p>Applications of geological and geophysical methods in marine archaeology and underwater explorations</p> <p>Tectonics controls and hydrothermal processes along the slow spreading mid-ocean ridges and Andaman trench-backarc system, Indian Ocean</p>	<p>National Institute of Oceanography (NIO) Dona Paula - 403 004, Goa, India</p> <p>EPABX : +91 (0) 832 - 2450450;</p> <p>Fax : +91 (0) 832 - 2450602 & 2450603</p> <p>e-mail : ocean@nio.org</p>

<p>Marine Microbiology, Seaweed products, Environmental Biotechnology Seaweed (marine algae) biology, resources and cultivation Phase equilibria of oceanic salt systems and bathy classical and analytical instruments Recovery of marine chemicals, Phase equilibrium, Analytical techniques New methodology to develop processes for the production of high quality salt. Seaweed cultivation, phycocolloid, seaweed liquid fertilizer (LSF), seaweed diversity and photosynthesis Marine chemicals, magnesium, potassic fertilizer, bitter salt</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)</p> <p>E-Mail : salt@csmcri.org</p> <p>Phone : 0278-2567760 / 2568923 / 2565106</p> <p>Fax. No : 0278-2567562 / 2566970</p>
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Atmospheric Science

<ol style="list-style-type: none"> 1. Air-Sea Intercation in Weather/climate Models; Ocean data assimilation; Weather Visualization 2. Global Weather modelling, Modelling Land-surface processes; Ocean surface wave modelling 3. Location specific forecasting from models; Statistical methods for atmosphere processes; MOS / PPM; Statistical downscaling 4. Monsoon process modelling; Physical processes in models; and seasonal prediction 5. Model Diagnostics and verifications; Ensemble Prediction 6. Super computing; Computer net working; data warehousing and mining 7. Monsoon Modelling; Rainfall Analysis; Dynamical Extended/Seasonal prediction; Diagnostics and verification. 8. Atmospheric data assimilation; Use of satellite data in assimilation 9. Data processing, Quality Control; Data Assimilation 10. Atmospheric Radiation; Aerosol, Chemical Transport modeling; Meso-scale Modelling 11. Regional modelling; Dynamical Downscaling, tropical cyclone prediction 12. Meso-scale and extreme weather modelling; Tropical cyclone prediction. 	<p>National Centre for Medium Range Weather Forecasting (NCMRWF)</p>
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Engineering

Electronics Engineering

<p>Biomedical Instrumentation Instrumentation & Control Control Systems Application of control to power systems, Controller Design using model order reduction, Communication Networks, Wireless Communication Digital Signal Processing and Embedded Systems, Secure Communication</p>	<p>National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
<p>Communication, VLSI, Signal Processing, MEMs Design Device modeling, analog and mixed signal design, reconfigurable architectures, high frequency integrated continuous time filters, VLSI data converters Digital communication, optical communication and networks, erosion control coding, wireless networks, adhoc networks</p>	<p>National Institute of Technology Karnataka (NITK) Surathkal SRINIVASNAGAR PO Dakshina Kannada District Karnataka State India PIN 575 025</p>
<p>Sensor design, Signal processing, Bio medical signal and image processing, Optical networks and its components, CDMA technology for wireless communication</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail pcdeka@tezu.ernet.in/ahom_m@tezu.ernet.in Web: www.tezu.ernet.in</p>
<p>Microwave Tubes Area Sensors and Microsystems Area Industrial Electronics Agri Electronics Digital Systems Area VLSI Design Opto-Electronics Hybrid Micro Circuits</p>	<p>Central Electronics Engineering Research Institute (CEERI) Pilani 333031 (Rajasthan) 01596-242111 (0)244222 E-mail : chandra@ceeri.ernet.in</p>
<p>Ectron transfer molecular sensor solar energy conversion. Supremolecular chemistry and assembly</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002,</p>

<p>Electronics and instrumentation. Pursuing research in fibre optic sensors</p>	<p>Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>
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Computer Science And Engineering

<p>Cryptography & Network Security, Mobile Computing Image Processing, Operating Systems High performance computing, Theoretical Computer Science Database Compression, Pattern Recognition Compilers, Programming Languages Database Systems, Bioinformatics Data Structures and Algorithms Image Processing, Computer Networks Computational Intelligence Middleware, Database Management Systems, Algorithms and Complexity Computer Architecture, Operating System Computer Networks Theoretical Computer Science Information Security Management (On QIP at IITB)</p>	<p>National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
<p>Computer networks, Mobile computing, Network security, Computer architecture Data mining, Optimization Cryptography, Data mining Workflow automation, Semi-structured databases Cognitive robotics, Knowledge representation and reasoning Natural language processing for Assamese language, Fault tolerance for digital telecommunication switches.</p>	<p>Tezpur University, Napaam, Tezpur, Assam Phone : +91-3712-267007-8-9 Fax : : +91-3712-267006 E-mail : pcdeka@tezu.ernet.in/ahom_m@tezu.ernet.in Web: www.tezu.ernet.in</p>

Management of R&D projects, Planning, ISTAD activity	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)</p> <p>E-Mail : salt@csmcri.org</p> <p>Phone : 0278-2567760 / 2568923 / 2565106</p> <p>Fax. No : 0278-2567562 / 2566970</p>
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Chemical Engineering

Multiphase flow and mass transfer Fluidized Bed Reactors Microwave Heating Polymer Technology	<p>National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
Studying the rate of corrosion of different type of metals and alloys in brine and acidic medias using rotating disk and rotating cylinders	Indian Institute of Technology New Delhi
Chemical Engineering	Indian Institute of Technology Delhi (director@admin.iitd.ac.in)
Chemical Engineering	Jawaharlal Nehru University, New Delhi
Chemical Engineering	<p>North East Institute of Science & Technology (Formerly Regional Research Laboratory) Jorhat-785006, Assam, India Phone (Office)-91(0) 376- 2370012 FAX- 91(0) 376- 2370011 E-mail drrijt@csir.res.in director@rrljorhat.res.in</p>
Chemical Engineering	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970</p>

Mining Engineering

Safety management and risk assessment in industries, rock drilling and cutting, clean coal technologies	National Institute of Technology Karnataka (NITK) Surathkal SRINIVASNAGAR PO Dakshina Kannada District Karnataka State India PIN 575 025
Research on surface engineering	National Metallurgical Laboratory, Chennai
Materials Engineering	National Metallurgical Laboratory (NML) Jamshedpur 831007 (Jharkhand) +91-657-2271715, 2270092 E-Mail: director@nmlindia.org ichatt@nmlindia.org

Civil Engineering

Offshore Engineering Geotechnical Engineering Hydraulics & Water Resources Engineering Building Technology & Construction Management Geotechnical Engineering	National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in
Researching into the establishment of correlation factors for the reduced samples of steel tested under tensile load	Indian Institute of Science, Bangalore 560 012, INDIA Telephone : +91-80-23600757 Fax : +91-80-2360 0683/0085 Email : regr@admin.iisc.ernet.in
Civil Engineering	Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA) E-Mail : salt@csmcri.org Phone : 0278-2567760 / 2568923 / 2565106 Fax. No : 0278-2567562 / 2566970

Architecture

<p>Urban Planning, Transportation Planning, Building Construction, Remote Sensing & GIS Application in Urban Planning Architectural Design, Landscape, Interiors, Heritage Architecture, Cultural Studies, Spatial Communication. Housing, History and Theory of Architecture, Architectural Design Building Technology, Architectural Conservation</p>	<p>National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
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Mechanical Engineering

<p>Thermal Sciences Production Engineering Refrigeration & Air Conditioning Machine Design and Tribology Non-linear Dynamics Solid Mechanics & Design Operations Management, Supply Chain Management Manufacturing Engg. / Robotics, Vision System Propulsion Engineering</p>	<p>National Institute Of Technology Calicut (NIT) NIT Campus P.O., Calicut-673601 India Ph.No. 0495 2286101, Fax No. 0495 2287250 Email:- director@nitc.ac.in</p>
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STRUCTURAL ENGINEERING

<p>Development of new structural schemes for better earthquake resistant performance</p> <p>Development and evaluation of vibration control devices and base isolators</p> <p>Characterisation of dynamic properties of materials</p> <p>Damage Modelling</p> <p>Development of robust pseudo-dynamic testing scheme as an alternative to shake table testing</p> <p>Development of new retrofit and rehabilitation schemes</p>	<p>Structural Engineering Research Centre (SERC) CSIR Campus, Taramani, Chennai 600 113, INDIA.</p> <p>E-mail : director@sercm.org</p> <p>Telephone : (+91)-(44)-2254-2139 (+91)-(44)-2254-2175</p> <p>Fax : (+91)-(44)-2254-1508/ 2254-1973</p>
<p>Structural Engineering</p>	<p>Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)</p> <p>E-Mail : salt@csmcri.org</p> <p>Phone : 0278-2567760 / 2568923 / 2565106</p> <p>Fax. No : 0278-2567562 / 2566970</p>

Engineering

<p> Electronics Engineering Civil Engineering Mechanical Engineering Chemical Engineering Computer Science And Engineering Information and Communication Engineering </p>	<p> Anna University Tiruchirappalli - 620 024 Tamil Nadu India. Ph : 0431 – 2407947 Fax : 0431 – 2407333 e-mail : cae@tau.edu.in </p>
<p> Electronics Engineering Civil Engineering Mechanical Engineering Chemical Engineering Computer Science And Engineering Information and Communication Engineering </p>	<p> Indian Institute of Technology Delhi (director@admin.iitd.ac.in) </p>
<p> Electronics Engineering Civil Engineering Mechanical Engineering Chemical Engineering Computer Science And Engineering Information and Communication Engineering </p>	<p> Panjab University, Chandigarh </p>
<p> Electronics Engineering Civil Engineering Mechanical Engineering Chemical Engineering Computer Science And Engineering Information and Communication Engineering </p>	<p> Dr B R Ambedkar National Institute of Technology, Jalandhar-144011 Email:- director@nitj.ac.in </p>