

LIST OF RTF-DCS FELLOWS IN 2014-15

Sl. No	Country	Name of Applicant	Title of Research Proposal	Research Guide and Indian Host Institution
1.	BANGLADESH	Mr. Kamol Dey Lecturer, University of Chittagong	Chemical Sciences Synthesis and Characterization of Adsorption Enhanced Organic-Inorganic Modified TiO ₂ Photocatalyst	Prof. Ashok K. Ganguli, Director, Institute of Nano Science and Technology (INST), Mohali, Punjab.
2.	BANGLADESH	Mr. Keshob Chandra Das Senior Scientific Officer, National Institute of Biotechnology (NIB)	Biological and Medical Sciences Distribution and Characterization of Enteropathogenic Bacteria in Estuarine and Freshwater Fishes and their Possible Role in Fish Spoilage	Dr. Sourav Pal, Director (Additional Charge), Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar – 364002, Gujarat Email:
3.	BENIN	Mr. Kemonou Richard Senami Segun Research Assistant and Lecturer, Houdegbe North American University	Multi-disciplinary and other areas Disparities in Economic Values Assigned to Natural Resources Across Genders: The Case of Volta Basin (Pendjari River) in Benin and Burkina Faso	Dr. Sunil Nautiyal, Professor and head, centre for ecological economics and Natural Resources (CEENR), Institute for Social and Economic Change, Nagarabhavi, Bangalore 560072.
4.	CAMEROON	Mr. DEEH DEFO Patrick Brice PhD Student, University of Dschang	Biological and Medical Sciences Action of <i>Guibourtia tessmannii</i> (<i>Caesalpiniaceae</i>) Extracts on Sleep and Reproductive System in Obese Male Rats	Dr. R. Renuka Nair, Associate Dean, Research and Publication, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, Kerala
5.	CAMEROON	Mr. Metsebo Jules Ph. D Student, University of Yaounde I	Engineering Sciences Damage Detection on a Mechanical Structure (Timoshenko Beam, Machine) using Vibration Signature Analysis	Dr. Pavan Kumar Kankar, Mechanical Engineering Discipline, Indian Institute of Information Technology, Design and Manufacturing Jabalpur (IIITDMJ), Dumna Airport Road, P.O.: Khamaria, Jabalpur - 482 005, Madhya Pradesh.
6.	CAMEROON	Ms. TIWO TSAPLA Cristelle PhD Student, University of Dschang	Agricultural Sciences Optimization of Sensorial, Hygienic and Nutritional Qualities of Some Smoked Freshwater Fishes: <i>Clarias gariepinus</i> and <i>Heterotis niloticus</i>	Dr. A.K. Balange, Senior Scientist, Fisheries Resources, Harvest and Post-harvest Division, Central Institute of Fisheries Education (CIFE), Panch Marg, Off Yari Road, Versova, Andheri (W), Mumbai – 400 061
7.	CAMEROON	Mr. Aimé Gabriel Fankam PhD Student, University of Dschang	Biological and Medical Sciences Anticancer Activity of Some Cameroonian Medicinal Plant Extracts and their Derived Fractions and Compounds on Human Cancer Cell Lines	Dr. (Mrs.) Banasri Hazra, Research Scientist –‘C’, Department of Pharmaceutical Technology, Jadavpur University, Kolkata

8.	CAMEROON	Ms. Mediesse Kengne Francine Research Assistant, The Biotechnology Centre of Nkolbisson, University of Yaoundé I Messa	Biological and Medical Sciences Characterisation, Anti-Inflammatory And Immunomodulatory Effects Of Polysaccharides Isolated from Traditional Cameroonian Herbal Medicine	Prof. P. Yogeeswari, Professor, Department of Pharmacy, Birla Institute of Technology & Science, Hyderabad Campus, Hyderabad
9.	CAMEROON	Ms. Noumedem Anangmo Christelle Nadia PhD Student, The University of Dschang	Biological and Medical Sciences In vitro and in vivo Sensitivity Test of Some Cameroonian Medicinal Plants against Plasmodium sp. and Toxicological Profile	Dr. M. Palaniswamy, Dean i/c, Faculty of Arts, Science and Humanities & Head, Department of Microbiology, Karpagam University, Coimbatore – 641021
10.	CAMEROON	Ms. Demgne Fopossi Judith Laure Research Assistant, University of Yaoundé	Biological and Medical Sciences Identification, Antimicrobial and Antitumoral Potential of Endophytic Actinomycètes	Dr. T. Sasipraba, Dean, Sathyabama University, Chennai, Tamilnadu
11.	EGYPT	Dr. Ahmed Mohamed Abd El-Moghny Abd El-Baky Researcher (Cotton Breeder), Cotton Research Institute (CRI), Agricultural Research Center (ARC)	Agricultural Sciences To study Genetic Basis of Abiotic Stress Tolerance in Cotton	Dr. K. R. Kranthi, Director, Central Institute for Cotton Research (CICR), Post Bag No.2, Shankar Nagar Post Office, Nagpur - 440 010 (Maharashtra)
12.	EGYPT	Dr. Ahmad Shehata Hashim Abdo Kodous Assistant lecturer, National Center for Radiation Research & Technology (NCRRT)	Biological and Medical Sciences Molecular Dynamics Studies on Structural Behavior of Native and Mutated BRCA1, BRCA2 and P53 Proteins Correlated with Problems of Radiotherapy of Breast Cancer	Dr. T. Rajkumar, Director, Cancer Institute (W.I.A), Adyar, Chennai, Tamil Nadu
13.	ETHIOPIA	Mr. Melesse Tora Anjulo PhD Student, Hawassa University	Agricultural Sciences Effect of Biofertilizers on the Constitutive and Induced Responses of Tomato (<i>Lycopersicon esculentum</i>) to <i>Helicoverpa armigera</i>	Dr. Vartika Mathur, Assistant Professor, Dept. of Zoology, Sri Venkateswara College, University of Delhi, New Delhi
14.	ETHIOPIA	Mr. Tilahun Mekonne Negassa Lecturer- and PhD Student, Agricultural Biotechnology Unit, Institute of Biotechnology, Addis Abba University	Agricultural Sciences Understanding the molecular basis of Resistance to Septoria for Wheat Improvement in Ethiopia.	Dr. Manju Sharma, Amity Institute of Biotechnology, Amity University, Gurgaon, Haryana

15.	GUINEA	Dr. Diallo Talibé Teacher-Researcher, Advanced Institute of Science and Veterinary Medicine	Agricultural Sciences Contribution of Molecular Study of Bovine Trypanosoma in the Epidemiological Survey in Guinea	Prof. Lachhman Das Singla, Professor-cum-Head, Department of Veterinary Parasitology, College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab
16.	IRAQ	Ms. Duaa Saad Mohammed Engineer, Ministry Of Science and Technology	Engineering Sciences Effect of using Directional Control Valves in Hydraulic Systems on Resulting Mechanical Stresses	Dr. Naresh Varma Datla, Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology (I.I.T.), Hauz Khas, New Delhi 110016
17.	MADAGASCAR	Prof. Mikylova Tantely Raveloson Professor of life and Earth Sciences in High School – Paleoherpetologist	Earth Sciences Paleontological Survey of the Microvertebrate Fauna from the Paikasigudem Site, Kota formation Adilabad District, Andhra Pradesh State	Dr. G.V. R. Prasad, Professor, Centre For Advanced Study, Department of Geology, University of Delhi, New Delhi
18.	MADAGASCAR	Mr. Rabary Andriantsilavo Jean Michel PhD Student- Technician, University of Toliara	Earth Sciences Development of An Open- Source Mechanism towards Detection of Potential Fishing Zones in Madagascar Waters and it's Dissemination to Stakeholders	Mr. M. Nagaraja Kumar, Scientist & In-Charge, Marine Fishery Advisory Services (MFAS), ESSO-Indian National Centre for Ocean Information Services (INCOIS), Earth System Sciences Organisation (ESSO), Hyderabad
19.	MAURITIUS	Mr. Riyad Dhuny Lecturer, University of Technology	Earth Sciences Open Framework to Geo-tag and Geo-locate Plants/ Fruit Trees around the World	Mr. Sajeevan G., Centre for Development of Advanced Computing (CDAC), Pune University Campus, Ganesh Khind, Pune - 411 007, Maharashtra.
20.	MONGOLIA	Ms. Khongorzul Odgerel Plant biotechnologist / Researcher, Mongolian Academy of Science	Biological and Medical Sciences Biochemical and Molecular Biological Research on Endangered Plant Acorus calamus L. (Sweet Flag) Which is Distributed in Mongolia and India	Dr. Kalaiselvi Senthil, Lecturer, Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Women, Coimbatore (Tamil Nadu)
21.	NEPAL	Mr. Kanchan Sarga Nyaichyai Lecturer, Seabird International College	Physical and Mathematical Sciences Preparation of Aluminium Tissue Compensator and Investigation of Resultant Dose Distribution Effects on Treatments performed with Co- 60 Teletherapy Machine	Dr. D.N. Sharma, Outstanding Scientist and Director, Medical Physics Section, Radiological Physics and Advisory Division of Health, Safety and Environment Group, Bhabha Atomic research Centre (BARC), Mumbai (Maharashtra)
22.	NEPAL	Mrs. Manju Showree Karmacharya PhD Scholar, Tribhuvan University, Kathmandu	Chemical Sciences Physicochemical Characteristics of the Activated Carbon obtained from Waste Tire and Its Alumina Composite	Dr. V.K. Gupta, Professor, Department of Chemistry, Indian Institute of Technology, Roorkee, Uttarakhand – 247667

23.	NIGERIA	Mr. Mohammad Abubakar Gumi Lecturer II, Usmanu Danfodiyo University	Agricultural Sciences Isolation and Characterization of Dehydration Responsive Element Binding (DREB) Genes in Some Selected Upland Rice Accessions of Nigeria	Dr. T.K. Mondal, Sr. Scientist, Division of Genomic Resources, N.B.P.G.R., Pusa Campus, New Delhi-110 012
24.	NIGERIA	Mr. Bakare Emmanuel Afolabi Lecturer II, Federal University Oye Ekiti	Physical and Mathematical Sciences Optimal Control Analysis of the Effect of Control Strategies on a Malaria Epidemic Model with Asymptomatic Transmission	Prof. Snehashish Chakraverty, Head, Mathematics Department, National Institute of Technology, Rourkela, Odisha - 769008
25.	NIGERIA	Mr. Egunjobi Abiodun Isiaka Lecturer II, Moshood Abiola Polytechnic	Physical and Mathematical Sciences Experimental Evidence of the Effect of Coupling Configuration on the Synchronization of Electronic Circuit	Dr. Syamal K. Dana, Emeritus Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata
26.	NIGERIA	Mr. Bolarinwa Gabriel Oladeji Principal Engineer, National Engineering Design Development Institute (NEDDI)	Engineering Sciences Biomechanical Failure Analysis of Natural and Artificial Femoral joints using some Finite Element based Softwares	Dr. Sanjay Kumar Rai School of Biomedical Engineering, Indian Institute of Technology(BHU), Varanasi-221005
27.	NIGERIA	Mr. Ayo. Adegoke Ass. Lecturer and PhD Student, University of Ibadan	Biological and Medical Sciences Mechanistic Investigation of the Anticancer Properties of Aqueous Extract and Fractions of the Fruit Pulp of Adansonia digitata in Cancer Cell Lines	Dr. Vikram Gota, Tata Memorial Centre, Dr. E. Borges Marg, Parel, Mumbai, Maharashtra 400012
28.	NIGERIA	Ms. Adepoju Mary Adeyinka Research Officer, Federal Institute of Industrial Research	Agricultural Sciences Evaluation of Nutrients and Functional Properties Loss During Various Processing and Storage of Selected Fish Species	Dr. Leela Edwin, Acting Director, Central Institute of Fisheries Technology (CIFT), CIFT Junction, Willingdon Island, Matsyapuri P.O., Cochin - 682029, Kerala
29.	NIGERIA	Dr. Akinsomisoye Olumide Stephen Senior Lecturer, ObafemiAwolowo University	Biological and Medical Sciences Evaluation of the Reproductive Effects of Cnidoscolus aconitifolius (Miller) Leaf Extract in Male Rats	Prof. K. K. Bhutani, Pharmacoinformatics Department, National Institute of Pharmaceutical Education and Research (NIPER), S.A.S. Nagar, Punjab
30.	NIGERIA	Mr. Oyedeji Stephen Assistant Lecturer, University of Ilorin	Biological and Medical Sciences Effects of Rootzone Design and Nitrogen Fertilizer on Carbon Sequestration in Bermudagrass and St. Augustine Turfs	Dr. T. Sasipraba, Dean, Sathyabama University, Chennai, Tamilnadu

31.	SRI LANKA	Mr. Gunathilaka M.D.E.K. Senior Lecturer, Sabaragamuwa University of Sri Lanka	Earth Sciences Development of Physical Oceanography Information System for South Indian Seas	Dr. V. Sanil Kumar, Scientist and Head, Business Development Dr. S.W.A. Naqvi, Director, National Institute of Oceanography, Dona Paula, Panjim, Goa – 403004
32.	SRI LANKA	Ms. Madhavi Prasadani Dassanayaka Lecturer (Probationary), Wayamba University of Sri Lanka	Agricultural Sciences Molecular Identification of Salt Tolerant Cyanobacteria and Candidate Genes for regulating High Saline Conditions for using Cyanobacteria to Ameliorate Saline Soil	Dr. T. Damodaran, Sr. Scientist, Central Soil Salinity Research Institute, RRS, Lucknow- 226021
33.	SRI LANKA	Dr. S. Arasaretnam Head/Chemistry & Senior Lecturer, Eastern University	Chemical Sciences Studies on Tannin- formaldehyde based Resins	Dr. M. Lakshmi Kantam, Director, CSIR - Indian Institute of Chemical Technology (IICT), Uppal Road, Tarnaka, Hyderabad - 500607, Andhra Pradesh
34.	SRI LANKA	Mrs. Luxmi Kamalarupan Senior Lecturer, University of Jaffna	Multi-disciplinary and other areas Factors contributing to Teenage Pregnancies and the Adverse Reproductive Outcome in the Jaffna District, Sri Lanka	Prof. S. Parasuraman, Director, Tata Institute of Social Sciences, V.N. Purav Marg, Deonar, Mumbai 400088
35.	SUDAN	Mr. M. Salih Osman Hommed Ali Researcher, Industrial Research & Consultancy Centre (IRCC)	Biological and Medical Sciences Production, Characterization and Purification of Protease from Thermophilic Bacillus sp.	Dr. T. Sasipraba, Dean, Sathyabama University, Chennai, Tamilnadu
36.	TANZANIA	Mr. S.K. Muller Research Scientist, Morogoro Regional Hospital	Biological and Medical Sciences Molecular Characterisation of Leptospira Species from Human Subject of Katavi Ecosystem, Tanzania	Dr. V. Balamurugan, Senior Scientist, National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Hebbal, Bangalore – 560 024 (Karnataka)
37.	TANZANIA	Mr. Baraka Samwel Assistant Research Fellow, Muhimbili University of Health and Allied Sciences, Dar es Salaam	Biological and Medical Sciences Phytochemical Investigation of Milletia sericantha and Milletia eriocarpa (Fabaceae) for Antimicrobial Activity	Dr. M. Lakshmi Kantam, Director, CSIR - Indian Institute of Chemical Technology (IICT), Uppal Road, Tarnaka, Hyderabad - 500607, Andhra Pradesh
38.	TANZANIA	Mr. Nichrous Mlalila Research Scientist and PhD Scholar, The Nelson Mandela African Institution of Science and Technology (NM-AIST)	Chemical Sciences Development of Polymeric Nanoparticles for Controlled Release in Antimicrobial Packaging Materials	Dr. D.M. Kadam, Sr. Scientist, Central Institute of Post- Harvest Engineering & Technology (CIPHET), Ludhiana (Punjab)

39.	TANZANIA	Ms. Kissa Tulibonywa Mwaisoba, Agricultural Research Officer, Agriculture Research Institute	Multi-disciplinary and other areas Cocoa Value Chain Analysis and its Implication to Smallholder Farmers in India	Dr. S. Manasi, Associate Professor, Centre for Research in Urban Affairs (CRUA), Institute for Social and Economic Change, Nagarabhavi, Bangalore 560072
40.	TUNISIA	Mr. Oun Abdallah Student, Faculty of Science, Sfax	Chemical Sciences Preparation and Characterization of Porous Multi-Tubular Membranes based Local Materials from Renewable Resources. Application to Contaminated Effluent Treatment.	Dr. Ganesh C. Sahoo, Scientist, Ceramic Membrane Division, CSIR - Central Glass and Ceramic Research Institute (CGCRI), 196 Raja S.C. Mullick Road, Kolkata -700032, West Bengal
41.	TUNISIA	Mr. Fekri Laatar PhD Student, National Research Center of Materials Science	Chemical Sciences Effect of Tunisian Nanoclay on the Properties of New Polyester Resin	Dr. P. Predeep, Professor, Department of Physics, National Institute of Technology, NIT Campus P. O., Calicut 673 601
42.	UGANDA	Mr. Benywanira Urbans Programme Officer, Least Developed Countries Environment Centre (LEC)	Multi-disciplinary and other areas Improved Agricultural Production and Food Security to Enhance Adaptation to Climate Variability and Change	Dr. Promod Kumar, Professor and Head, Agriculture development and Rural Transformation Centre (ADRTC), Institute for Social and Economic Change, Nagarabhavi, Bangalore 560072
43.	UGANDA	Dr. Mboowa Drake Engineer, Makerere University, Kampala	Agricultural Sciences Estimation of Green House Gases at Land Fill Sites, A Case Study of Kiteezi Landfill Site, Kampala	Dr. Suman Dutta, Department of Chemical Engineering, Indian School of Mines, Dhanbad, Jharkhand.
44.	VIETNAM	Mr. Pham Huy Phong Researcher, Institute of Ecology and Biological Resources, Vietnam Academy of Science & Technology	Agricultural Sciences Taxonomic Revision of the Genus Rhynchium (Vespidae: Eumeninae) occurring in North Vietnam	Dr. P. Girish Kumar, Zoological Survey of India, M-Block, New Alipore, Kolkata, West Bengal- 700 053
45.	VIETNAM	Ms. Vu Thi Mo Researcher, NhaTrang Institute of Technology and Research Application, Vietnam Academy of Science & Technology	Biological and Medical Sciences In Vitro Somatic Embryogenesis and Regeneration of Somatic Embryos from Pigmented Callus Kappaphycus alvarezii Doty (Doty) (Rhodophyta)	Dr. Sourav Pal, Director (Additional Charge), Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar – 364002, Gujarat

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