

India-Sri Lanka Approved Proposals 2016

SL. No.	DST New Ref. No.	DST Grading	TITLE	INDIAN COORDNATOR	Sri Lanka COORDINATOR
1	DST/INT/SL/ P-10/2016	7/10	Biopolymers/biosurfactants-based delivery micro-/nano-vehicles for safe delivery of food bioactives and nutraceuticals	Prof. Ramkrishna Sen, Department of Biotechnology, Indian Institute of Technology Kharagpur, Kharagpur, India – 721302 Phone - 9474618882 Email - rksen@yahoo.com rksen @ hijli.iitkgp.ernet.in	Prof. D. NedraKarunaratne, Department of Chemistry, Faculty of Science, University of Peradeniya, Peradeniya, Sri Lanka
2	DST/INT/SL/ P-11/2016	8/10	M-RoID: Framework for Capturing Real-Time Data through Optimal Deployment of Multiple Mobile Robots in Hazardous Indoor Environments for Disaster Management	Dr. Tarun Kumar Dubey, Department of Electronics & Communication Engineering, School of Electrical, Electronics and Communication Engineering, Manipal University Jaipur, VPO Dehmi Kalan, Tehsil- Sanganer, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan, Telephone No. +91-7073071397 +91-9837263676 E-mail tarunkumar.dubey@jaipur.manipal.edu	Dr. Thilini Rajakaruna, South Asian Institute of Technology and Medicine (SAITM), P.O Box 11, Millennium Drive, Off Chandrika Kumaratunga Mawatha, Malabe, Sri Lanka.
3	DST/INT/SL/ P-12/2016	8/10	In vitro and in vivo epigenetic investigations on anticancer and radio-priming effects of different parts of Mangifera indica (India) and Mangifera zeylanica (Sri Lanka) and impact of green silver nanocomposites.	Dr. N. Devipriya , SASTRA University, School of chemical and biotechnology, Thirumalaisamudram, Thanjavur- 613401 Tamilnadu, India E-mail devipriya@sabt.sastra.edu	Prof Kamani H Tennekoon, Institute of Biochemistry, Molecular Biology and Biotechnology, University of Colombo, 90, Cumaratunga Munidasa Mawatha Colombo03, Sri Lanka
4	DST/INT/SL/ P-13/2016	9/10	Characterising Landfill Gas Emissions: Experimental And Numerical Investigation (CLEAN).	Prof. Sivakumar Babu, Dept. of Civil Engineering, Indian Institute of Science, Bangalore-560012, India E-mail gls@civil.iisc.ernet.in	Dr. Chamindu D.T.K.K, Dept. of Civil Engineering, Faculty of Engineering, University of Peradeniya, Peradeniya, Sri Lanka

5	DST/INT/SL/ P-14/2016	8/10	Protection of Heritage Monuments & Landmarks of National & International Importance in India and Sri Lanka due to Direct Lightning Strikes – Traditional and Scientific Methods	Dr. S. Venkatesh, VIT University Department of Electrical Engineering, School of Electrical Engineering (SELECT) Vellore –Katpadi Road Vellore- 632 014 E-mail venkatesh.srinivasan@vit.ac.in	Dr. Manjula Fernando, Department of Electrical & Electronic Engineering, Faculty of Engineering University of Peradeniya, Peradeniya 20400- Sri Lanka
6	DST/INT/SL/ P-15/2016	7/10	Wireless Sensor In-Network Distributed Detection Mechanisms for Structural Health Monitoring in Civil Structures.	Dr. K. K. Pattanaik, ABV-Indian Institute of Information Technology and Management Gwalior, MP E-mail kkpatnaik@iiitm.ac.in kiran_patnaik12@rediffmail.com	Prof. R. Dissanayake, Department of Civil Engineering, University of Peradeniya, Peradeniya, Sri Lanka
7	DST/INT/SL/ P-16/2016	7/10	High throughput genotyping to expedite the genetic characterization and dissection of important agronomic traits of tea	Dr Ram Kumar Sharma, Biotechnology Division, CSIR-IHBT, Palampur-176 061, Distt., Kangra (HP), INDIA Email - ramsharma@ihbt.res.in ; rksharma.ihbt@gmail.com	Dr. R.N. Attanayake, Faculty of Science, University of Kelaniya, Sri Lanka
8	DST/INT/SL/ P-17/2016	7/10	Reconfigurable architecture for Solar Photovoltaic microgrid systems	Dr. V. SARAVANAN, Department of Electrical & Electronics Engineering, Arunai Engineering College, Tiruvannamalai - 606 603, Tamil Nadu Email - vsaranaec@yahoo.co.in	Dr KTMU HEMAPALA, Department of Electrical Engineering Faculty of Engineering University of Moratuwa Moratuwa 10400, Sri Lanka
9	DST/INT/SL/ P-18/2016	7/10	Design and Development of Hybrid Wind-Solar Power Generation System using Multilevel Inverter for Grid Connected Applications	Dr. P. Satish Kumar, Department of Electrical Engineering, University College of Engineering, Osmania University, Hyderabad, Telangana State, India, 500 007. Email - satish_8020@yahoo.co.in	Dr. R. P. S. Chandrasena, Department of Electrical and Information Engineering, Faculty of Engineering, University of Ruhuna, Galle, Sri Lanka.

10	DST/INT/SL/ P-19/2016	7/10	Design and Development of Detection and Extinguishing Systems for Forest Fire using Sensor Networks, Aerial and Ground Robots	Dr. Paramita Guha, CSIR-Central Scientific Instruments Organisation, Library Avenue, Pusa Road, Delhi-110012 E-mail paramita.guha@csio.res.in , paramguha@gmail.com	Dr. KVDS Chathuranga, Dept. of Mechanical Engineering, University of Moratuwa, Moratuwa.
11	DST/INT/SL/ P-20/2016	7/10	Process development and assessment/evaluation of microalgae based biofuels and value-added products	Dr. Anushree Malik, Applied Microbiology Lab Centre for Rural Development and Technology, Indian Institute of Technology (IIT) Delhi New Delhi anushree@rdat.iitd.ac.in	Prof. R. A. Attalage, University of MoratuwaBandaranayakeMawatha, Katubedda, Moratuwa (10400), Sri Lanka.
12	DST/INT/SL/ P-21/2016	8/10	Electronic and Photovoltaic properties of Two-Dimensional Hybrid Organic and Inorganic Perovskites	Professor Prafulla K. Jha Department of Physics, Faculty of Science, The M.S. University of Baroda, Vadodara-390002 Tel. : +919825032877 Email:prafullaj@yahoo.com	Dr. (Mrs.) M.L.C Attygalle Department of Physics University of Sri Jayawardenepura Nugegoda, Sri Lanka
13	DST/INT/SL/ P-22/2016	7/10	"Bioprospecting Endolichenic Fungi from Mangroves in Negombo lagoon in Sri Lanka and Gulf of Khambat, Gulf of Kutch from Gujarat India.; An Untapped Treasure Trove for Discovery of Special Structures and Bioactive Compounds".	Dr. BhagyashreeKamble, Department of Natural Product National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India. Email: k.bhagyashree@gmail.com	PriyaniAshoka Paranagama, Department of Chemistry, University of Kelaniya, 11600 Sri Lanka
14	DST/INT/SL/ P-23/2016	7/10	Studies in surface sterilization of spices using non-thermal processes	Prof. U.S. Annapure, Institute of Chemical Technology Nathalal Parekh Marg, Matunga, Mumbai, INDIA – 400 019 E-mail us.annapure@ictmumbai.edu.in	Dr. P. N. R. J. Amunugoda, Industrial Technology Institute , 363, BaudhdhalokaMawatha, Colombo 07, Sri Lanka
15	DST/INT/SL/ P-24/2016	8/10	Probing the provenance and distribution of heavy – mineral placer deposits in coastal areas of Southern India and SW Sri	Prof. Sajeev Krishnan, Centre for Earth Sciences, Indian Institute of Science, Bangalore 560012, India E-mail sajeev@ceas.iisc.ernet.in	Dr. Sanjeewa P.K. Malaviarachchi, Department of Geology, University of Peradeniya, Peradeniya 20400,Sri Lanka

			Lanka; A new multi-mineral proxy approach to understand source-to-sink link		
16	DST/INT/SL/P-25/2016	8/10	Renewable Chemicals from the Plants of Indian Subcontinent: Isolation, Self-Assembly and Utilizations in Drug Delivery, Medicine and Catalysis. 2. Duration of Project: 36 months	BRAJA GOPAL BAG, Department of Chemistry and Chemical Technology Midnapore 721102, West Bengal. Email: braja@mail.vidyasagar.ac.in	MayuriTharangaNapagoda, Department of Biochemistry Faculty of Medicine PO Box 70, Karapitiya, Galle Sri Lanka
17	DST/INT/SL/P-26/2016	8/10	Forming of automotive materials at elevated temperature and selection of lubricants for sustainable manufacturing	Dr. R. Ganesh Narayanan, Department of Mechanical Engineering, IIT Guwahati, Guwahati India 781 039 E-mail ganu@iitg.ernet.in	Dr. N. K. B. Manjula P. Nanayakkara, Department of Production Engineering, University of Peradeniya, Peradeniya, Sri Lanka 20400
18	DST/INT/SL/P-27/2016	8/10	Dynamic analysis and shape control of inflatable structures for space application	Dr. S H Upadhyay, IIT Roorkee Email - upadhyaysanjayh@yahoo.com	Dr. H. M. YasithaChinthakaMallikarachchi, Sri Lanka
19		7/10 (Workshop)	Big DATA Analytics : Recent Trends and application	Dr. Sonali Agarwal Assistant Professor, IT Department Room No.: 5203, CC3 Building Indian Institute of Information Technology, Allahabad Devghat, Jhalwa, Allahabad (UP) INDIA sonali@iiita.ac.in	Dr. Ruwan Ranweera , Sri Lanka

20		7/10 (Work shop)	“Development and Exchange of knowledge on Robotics and Automation applied to Fisheries and Aquaculture”	Dr. R. ARULMOZHIAL, SONA COLLEGE OF TECHNOLOGY Junction Main Road, Salem, Tamilnadu, India E-MAIL: arulmozhiyal@sonatech.a c.in	Dr. A. ATPUTHARAJAH, Department of Electrical and Electronics Engineering Faculty of Engineering, University of Jaffna ,Arivial Nagar, Killinochi, Srilanka.
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