

India-Sri Lanka Approved Proposals 2016

SL. No.	DST New Ref. No.	TITLE	INDIAN COORDNATOR	Sri Lanka COORDINATOR
1	DST/INT/SL/ P-10/2016	Biopolymers/biosurfactants-based delivery micro-/nano-vehicles for safe delivery of food bioactives and nutraceuticals	Prof. Ramkrishna Sen, Indian Institute of Technology Kharagpur	Prof. D. Nedra Karunaratne, University of Peradeniya, Sri Lanka
2	DST/INT/SL/ P-11/2016	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, Manipal University Jaipur, Rajasthan,	Dr. Thilini Rajakaruna, South Asian Institute of Technology and Medicine (SAITM) Malabe, Sri Lanka.
3	DST/INT/SL/ P-12/2016	In vitro and in vivo epigenetic investigations on anticancer and radio-priming effects of different parts of <i>Mangifera indica</i> (India) and <i>Mangifera zeylanica</i> (Sri Lanka) and impact of green silver nanocomposites.	Dr. N. Devipriya , SASTRA University, Tamil Nadu	Prof Kamani H Tennekoon, University of Colombo, Sri Lanka
4	DST/INT/SL/ P-13/2016	Characterising Landfill Gas Emissions: Experimental And Numerical Investigation (CLEAN).	Prof. Sivakumar Babu, Indian Institute of Science, Bangalore	Dr. Chamindu D.T.K.K, Dept. of Civil Engineering, Faculty of Engineering, University of Peradeniya, Sri Lanka
5	DST/INT/SL/ P-14/2016	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 Vellore	Dr. Manjula Fernando, Department of Electrical & Electronic Engineering, Faculty of Engineering University of Peradeniya, Sri Lanka

6	DST/INT/SL/ P-15/2016	Wireless Sensor In-Network Distributed Detection Mechanisms for Structural Health Monitoring in Civil Structures.	Dr. K. K. Pattanaik, Indian Institute of Information Technology and Management Gwalior, MP	Prof. R. Dissanayake, Department of Civil Engineering, University of Peradeniya, Peradeniya, Srilanka
7	DST/INT/SL/ P-16/2016	High throughput genotyping to expedite the genetic characterization and dissection of important agronomic traits of tea	Dr Ram Kumar Sharma, CSIR-IHBT, Palampur Himachal Pradesh	Dr. R.N. Attanayake, Faculty of Science, University of Kelaniya, Sri Lanka
8	DST/INT/SL/ P-17/2016	Reconfigurable architecture for Solar Photovoltaic microgrid systems	Dr. V. Saravanan, Arunai Engineering College, Tiruvannamalai, Tamil Nadu	Dr. Ktmu Hemapala, University of Moratuwa Sri Lanka
9	DST/INT/SL/ P-18/2016	Design and Development of Hybrid Wind-Solar Power Generation System using Multilevel Inverter for Grid Connected Applications	Dr. P. Satish Kumar, Osmania University, Hyderabad, Telangana	Dr. R.P.S. Chandrasena, University of Ruhuna, Sri Lanka.
10	DST/INT/SL/ P-19/2016	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, Delhi	Dr. KVDS Chaturanga, University of Moratuwa, Moratuwa.
11	DST/INT/SL/ P-20/2016	Process development and assessment/evaluation of microalgae based biofuels and value-added products	Dr. Anushree Malik, Indian Institute of Technology, New Delhi	Prof. R. A. Attalage, University of Moratuwa, Sri Lanka.
12	DST/INT/SL/ P-21/2016	Electronic and Photovoltaic properties of Two-Dimensional Hybrid Organic and Inorganic Perovskites	Professor Prafulla K. Jha The M.S. University of Baroda, Vadodara, Gujarat	Dr. M.L.C Attygalle University of Sri Jayawardenepura Nugegoda, Srilanka

13	DST/INT/SL/ P-22/2016	"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. Bhagyashree Kamble, National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad, Gujarat,	Dr. Priyani Ashoka Paranagama, University of Kelaniya, Sri Lanka
14	DST/INT/SL/ P-23/2016	Studies in surface sterilization of spices using non-thermal processes	Prof. U.S. Annapure, Institute of Chemical Technology Nathalal Mumbai	Dr. P.N.R.J. Amunugoda, Industrial Technology Institute, Sri Lanka
15	DST/INT/SL/ P-24/2016	Probing the provenance and distribution of heavy – mineral placer deposits in coastal areas of Southern India and SW Sri Lanka; A new multi-mineral proxy approach to understand source-to-sink link	Prof. Sajeev Krishnan, Indian Institute of Science, Bangalore	Dr. Sanjeewa P.K. Malaviarachchi, Department of Geology, University of Peradeniya, Sri Lanka
16	DST/INT/SL/ P-25/2016	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	Dr. Braja Gopal Bag, Department of Chemistry and Chemical Technology Midnapore, West Bengal.	Dr. Mayuri Tharanga Napagoda, Department of Biochemistry Faculty of Medicine
17	DST/INT/SL/ P-26/2016	Forming of automotive materials at elevated temperature and selection of lubricants for sustainable manufacturing	Dr. R. Ganesh Narayanan, IIT Guwahati,	Dr. N. K. B. Manjula P. Nanayakkara, Department of Production Engineering, University of Peradeniya, Sri Lanka
18	DST/INT/SL/ P-27/2016	Dynamic analysis and shape control of inflatable structures for space application	Dr. S H Upadhyay, IIT Roorkee	Dr. H. M. Yasitha Chinthaka Mallikarachchi, Sri Lanka

19	Workshop	Big DATA Analytics : Recent Trends and application	Dr. Sonali Agarwal Indian Institute of Information Technology, Allahabad	Dr. Ruwan Ranweera , Sri Lanka
20	Workshop	"Development and Exchange of knowledge on Robotics and Automation applied to Fisheries and Aquaculture"	Dr. R. Arulmozhiyal, Sona College of Technology Tamil Nadu, India	Dr. A. Atputharajah, University of Jaffna , Sri Lanka.