

Department of Science & Technology
International Division

An **India-UKIERI joint workshop** call for proposals under the collaboration between DST, India and UK India Education & Research Initiative (UKIERI) was announced in **last week of September** in the select areas of Science and Technology. Based on scientific merit, national priority of both the countries and scientific strengths of the project coordinators, Department of Science & Technology, Govt. of India and UKIERI have jointly shortlisted 16 joint workshop proposals which were recommended from both sides.

S.no.	Title	Indian Coordinator	UK Coordinator
1.	Industrial utilization of indigenous rapid-growing algae	Prof. Joseph George Ray; School of Biosciences, Kerala	Prof. Carole Anne Llewellyn, Swansea University
2.	AI, Cyber Risks and Data Science for FinTech and Digital Economy	Dr. Anindya Sundar Chakrabarti, Indian Institute Of Management Ahmedabad , Gujarat	Prof. Sheri Markose, University of Essex
3.	Adversarial Cyber Security	Prof. Varun Dutt, Indian Institute Of Technology, Mandi, Himachal Pradesh	Prof. Karim Ouazzane London Metropolitan University
4	Medical Additive Manufacturing Cost-effective and Sustainable Solutions for Innovative Development of High-value added products and services	Dr. Chander Prakash, Lovely Professional University, Punajb	Dr. Chi Hieu LE, University of Greenwich
5.	Exploiting Machine Learning for Multiscale Modelling of Materials	Dr. Gautam Anand, Indian Institute Of Engineering Science And Technology Shibpur, Kolkata , West Bengal	Dr. James Kermode, University of Warwick

6.	Engineering Privacy Aware Urban Scale Cyber Physical Systems	Dr. Mainack Mondal, Indian Institute Of Technology, Kharagpur	Dr.Nishanth Sastry, King's College London
7.	GREEN SOIL -The Sustainable Option For Infrastructure Growth	Prof.Sarat Kumar Das, Indian Institute Of Technology (Indian School Of Mines) , Jharkhand	Dr Mohd Ahmad Syed, School of Mechanical, Aerospace and Civil Engineering, University of Manchester, United Kingdom.
8.	Prediction and Mitigation of Performance Loss in Photovoltaic Systems due to Degradation and Soiling of Solar Modules	Prof. Anil Kottantharayil, IIT Bombay	Prof.Michael Walls, Loughborough University
9.	Big Data Analysis And Precision Medicine	Prof.Sanjeeva Srivastava, IIT Bombay	Prof. Graham Ball, Nottingham Trent University, UK
10.	Urbanization And Resilience Against Natural And Man-Made Disasters - Developing A Roadmap To Build Resilient Cities In India	Prof.Vasant Matsagar Indian Institute Of Technologydelhi	Dr. Shashank Gupta University Of Wolverhampton
11.	Water For All: Addressing Issues Surrounding Water Quality, Quantity And Waste Water Treatment In India	Prof. Madhumita Barooah Assam Agricultural University	Virginia Panizzo Clive Granger Building,UniversityOf Nottingham,University Park, Nottingham,NG27 2RD
12.	Photonic Devices For Affordable Healthcare For Individuals And Communities	Prof. GVijaya Prakash Indian Institute Of Technology Delhi	Prof. Sumeet Mahajan University Of Southampton
13.	Sustainable Cooling Technologies And Energy Efficiency	Dr. Kapilan N Nagarjuna College Of Engineering And	Prof. Shuli Liu Coventry University

		Technology	
14.	WEIGH (Water Security Assessment Of Indian Rivers Originating From The Himalayas)	Prof. RAAJ Ramsankaran Indian Institute Of Technology Bombay, Mumbai	Prof. Jonathan Bamber University Of Bristol
15.	Conversion Of Anthropogenic Carbon Dioxide Into Useful Chemicals/Fuels And Water To Hydrogen Using Sunlight	Prof. Sebastian C Peter Jawaharlal Nehru Centre For Advanced Scientific Research (Jncasr)	Prof. Robert Raja Southampton University
16.	Solar Pump Based Village Microgrid-Potential For Tackling The Energy/Water/Food Nexus In Punjab	Dr.Yajvender Pal Verma University Institute Of Engineering And Technology, Panjab University	Prof. Lynsey Melville Birmingham City University