

TECHNICAL PROGRAMME OF INDO-UK WORKSHOP

12th-16th December 2016

1st DAY OF THE WORKSHOP (12th December 2016)		
	02.00-03.00	REGISTRATION
	03.00-03.30	INAUGURAL CEREMONY Prayer : Welcome speech : Prof. Sabu Thomas (MG University, India) Inaugural Address : Dr. Babu Sebastian (Vice-chancellor, MGU) Lighting the Lamp : Dr. Babu Sebastian (Vice-chancellor, MGU) Keynote Address : Dr. Durai Prabhakaran (Bangor University, UK) Felicitation : Mei-Kewi, Director, British Council, South India Vote of Thanks : Dr. Nandakumar Kalarikkal (MG University, India)
		Session – I (Chairpersons : Prof. Rakesh Kanda (UK) & Dr. Ligy Philip (India))
PL 1	03.30-04.15	Dr. Suryasarathi Bose Indian Institute of Science (IISc), Bangalore, India <i>Facile one-pot scalable strategy to engineer biocidal silver nanocluster assembly on thiolated PVDF membranes for water purification</i>
	04.15-04.30	Tea Break
	04.30-05.00	RSC stall visit
	05.00-07.30	Self introduction by the Delegates
	07.30-08.30	Dinner
2nd DAY OF THE WORKSHOP (13th December 2016)		
		Session – II (Chairpersons : Dr. Graham A. Ormondroyd (UK) & Prof. Joseph Kuruvilla (India))
PL 2	09.00-09.45	Prof. Rakesh Kanda College of Health and Life Sciences, Brunel University London, UK <i>Removal of micro-pollutants from wastewater using cellulose nanomaterials with advanced oxidation processes</i>
IL 1	09.45-10.15	Prof. Pragnesh N Dave Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj, Gujarat, India <i>Azadirachta indica (Neem) leaf powder as a biosorbent for removal of Pb(II) from aqueous medium</i>
	10.15-10.30	Tea Break
IL 2	10.30-11.00	Dr. Ritu Singh Central University Rajasthan, Ajmer, India <i>Application of Nanoparticles for Remediation of Organic and Inorganic Pollutants</i>
IL 3	11.00-11.30	Dr. Jonathan Lance Caplin University of Brighton, UK <i>Bioremediation of Phenol in Wastewater using Polymer-Supported Bacteria</i>
IL 4	11.30-12.00	Dr. M. Arivazhagan National Institute of Technology, NIT, Tiruchirappalli, India <i>Spent wash decolourization using nano-Al₂O₃/kaolin photocatalyst:</i>

		<i>Taguchi and ANN approach</i>
IL 5	12.00-12.30	Dr. Iduma Devine Akhidime Manchester Metropolitan University, UK <i>Partial nitrification in nitrifying biofilms for expanded bed biofilm reactors (EBBR's)</i>
	12.30 –12.40	Comments/Feedback by Mentors followed by Discussions (if any)
	12.40-01.30	Lunch Break
	01.30-08.00	Boating & Dinner
3rd DAY OF THE WORKSHOP (14th December 2016)		
Session – III (Chairpersons : Dr. Graham A. Ormondroyd (UK) & Dr. Ligy Philip (India))		
PL 3	09.00-09.45	Prof. Joseph Kuruvilla Indian Institute of space science and Technology (IIST), Trivandrum <i>Nanobiomaterials for water purification</i>
IL 6	09.45-10.15	Dr. Lingayya Hiremath R.V. College of Engineering, Bengaluru, India <i>Green Synthesis of Metal nano Particles: A cost effective tool for Wastewater Treatment</i>
	10.15-10.30	Tea Break
IL 7	10.30-11.00	Dr. Shivaraju H. P. JSS University, Mysore, Karnataka, India <i>Designing and Demonstration of Catalyst Decorated Hollow Spheres for the Treatment of Industrial Wastewater</i>
IL 8	11.00-11.30	Dr. Autin Olivier Cranfield University, UK <i>What is the best option to produce clean water from urine at low cost? Comparing membrane distillation to a double barrier UF/UV-TiO₂</i>
IL 9	11.30-12.00	Dr. K. G. Sabarinathan Agricultural University, NavallurKuttapattu, India <i>Development of electro spun fibre nano-matrix to encapsulate beneficial microbes for smart delivery and sustainable productivity</i>
IL10	12.00-12.30	Fozia Parveen University of Oxford, UK <i>Integration of Forward Osmosis and Membrane Distillation Units for Regeneration of Novel Draw Solutions and Water Reclamation</i>
	12.30–12.40	Comments/Feedback by Mentors followed by Discussions (if any)
	12.40-01.30	Lunch Break
Session – IV (Chairpersons : Prof. Joseph Kuruvilla (India) & Prof. Rakesh Kanda (UK))		
PL 4	01.30-02.15	Dr. Graham A. Ormondroyd BioComposites Centre, Bangor University, Bangor, North Wales, UK <i>Bioderived Materials and its application in Water Purification</i>
IL11	02.15-02.45	Dr. Nandakumar Kalarikkal M.G University, Kottayam, Kerala, India <i>Novel nanostructured materials for water security applications</i>
IL12	02.45-03.15	Mr. James Martin Hall Manchester Metropolitan University, Manchester, UK <i>DNA Biosensors for water quality monitoring: Challenges and</i>

		<i>Opportunities</i>
	03.15-03.30	Tea Break
IL13	03.30-04.00	Dr. M. Arulmozhi Bharathidasan Institute of Technology Campus, Anna University, Tamilnadu, India <i>Biosorptive foam separation of phenolic compounds from waste water using bionano composites and surfactants</i>
IL14	04.00-04.30	Dr. Sameer S Rahatekar Cranfield University, Cranfield, UK <i>Natural Polymer based Fibres Foams and Nano-textiles for Removal of Heavy Ions from Industrial Waste Effluents</i>
IL15	04.30-05.00	Mr. Rajesh Parishwad Royal Society of Chemistry, India <i>Introduction to Royal Society of Chemistry and its initiatives in India</i>
SIL 1	05.00-05.20	Representative of the British Council British Council, UK
	05.20-06.00	Brain Storming Discussion
	07.00-08.00	Dinner
4th DAY OF THE WORKSHOP (15th December 2016)		
		Session – V (Chairpersons: Prof. Joseph Kuruvilla (India) & Prof. Rakesh Kanda (UK))
PL 5	09.00-09.45	Dr. Ligy Philip Indian Institute of Technology, Madras, India <i>Removal of pesticides from drinking water sources using modified titania under UV, visible and solar radiations</i>
IL16	09.45-10.15	Prof. Sabu Thomas M.G University, Kottayam, Kerala, India <i>Nanostructured Filters For Water Purification Based on Carbohydrate Polymers</i>
	10.15-10.30	Tea Break
IL17	10.30-11.00	Dr. Suvendu Manna Jadavpur University, Kolkata, India <i>Graphene oxide coated lignocellulosic materials for water defluoridation</i>
IL18	11.00-11.30	Dr. Vijay Kumar Thakur Cranfield University, UK <i>Superabsorbent Nanocomposite Hydrogels for Water Purification</i>
IL19	11.30-12.00	Ambika Selvaraj Indian Institute of Technology, Madras, India <i>Highly stable Hybrid Iron for Water purification</i>
IL20	12.00-12.30	Dr. Tannaz Pak Teesside University, UK <i>Nanoparticle-enhanced recovery of organic fluids from porous rocks</i>
	12.30-12.40	Comments/Feedback by Mentors followed by Discussions (if any)
	12.40-01.30	Lunch Break
		Session – VI (Chairpersons : Dr. Ligy Philip (India)) & Dr. Graham A. Ormondroyd (UK))
IL21	01.30-02.00	Dr. Daniel Rhys Slocombe

		Cardiff University, Cardiff, UK <i>Microwave Activation in Wastewater Treatment</i>
IL22	02.00-02.30	Dr. M. Gomathy Horticultural College and Research Institute for women, Trichy, India <i>Biofortification of Iodine through Layer by layer nanoencapsulation of selected AMF (Arbuscular Mycorrhiza Fungus) spores and PGPR on enhancing the nutritional and antioxidant properties of tomato</i>
IL23	02.30-03.00	Dr. John Thomas Prabhakar School of Chemistry, Bangor University, Bangor, North Wales, UK <i>Amphiphilic Catalysts? Synthesis and Catalysis of nanocrystals at Water-Oil Interface</i>
IL24	03.00-03.30	Dr. Parth Joshi Sardar Vallabhbhai National Institute of Technology(SVNIT), Surat, India <i>Sorption of metal ions from aqueous solutions using hydroxyapatite nanoparticles as adsorbents</i>
	03.30-03.45	Tea Break
IL25	03.45-04.15	Dr. Timothy Graham Jones Bangor University, Bangor, North Wales, UK <i>An overview of Dissolved Organic Matter (DOM) in reservoirs and its role in water treatment</i>
IL26	04.15-04.45	Dr. Mohammed Yahoob Syed Ali Mohamed Sathak College of Arts & Science, Chennai, India <i>Activated carbon powder combined TiO₂ as absorbents for the removal of dyes and heavy metals from aqueous effluents</i>
IL27	04.45-05.15	Dr. Mohammed Yaseen University of the West of Scotland, Glasgow, UK <i>Functional Nanocomposite Materials – Applications in water purification</i>
	05.15 – 05.30	Comments/Feedback by Mentors followed by Discussions (if any)
	07.00-08.00	Cultural Program (Kadhakali)
	08.00-09.00	Dinner
5th DAY OF THE WORKSHOP (16th December 2016)		
	09.00-01.00	Industrial Visit
	01.00-02.00	Lunch
	02.00-02.30	Concluding session

Please note:

Plenary Lectures (PL) – 35 min presentation + 10 min Discussions

Invited Lectures (IL) – 25 min Presentation + 5 min Discussions

Short Invited Lecture (SIL) – 20 min Presentation