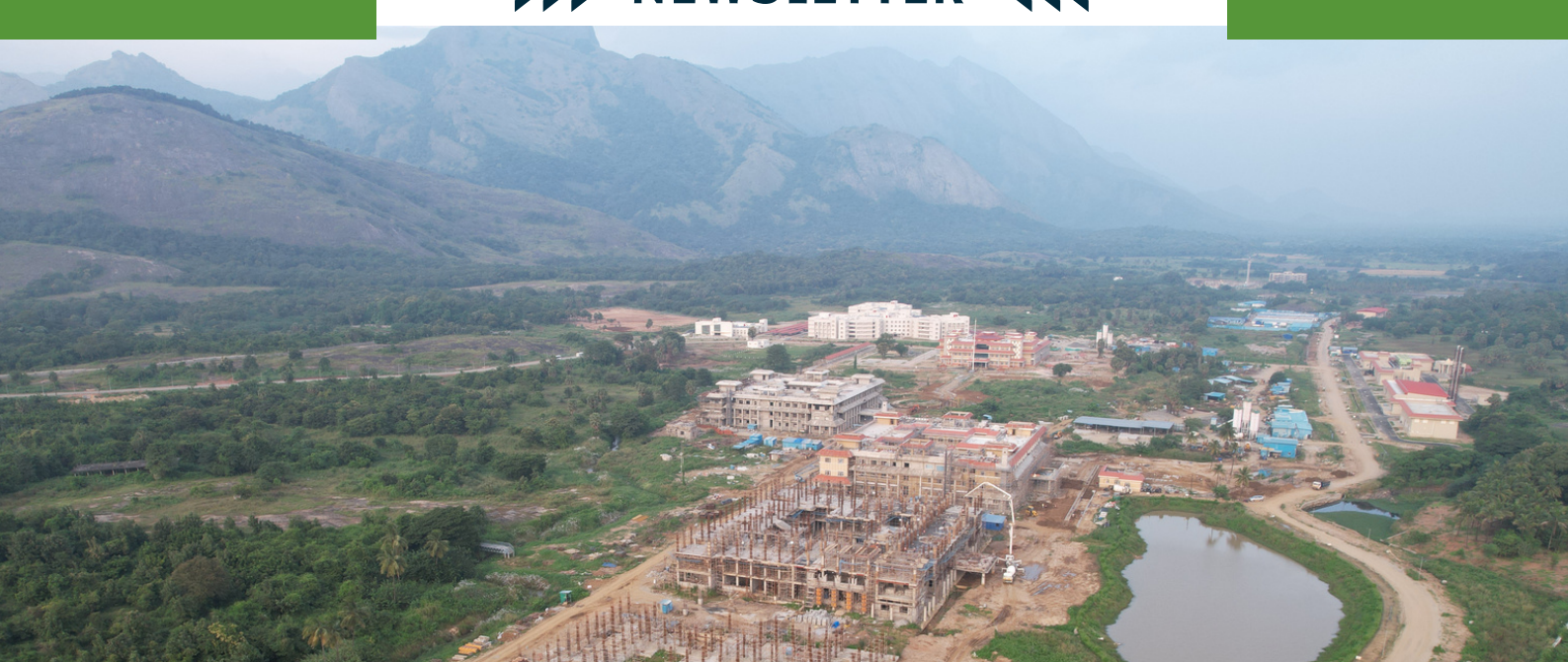


GLOBAL SANITATION CENTER OF EXCELLENCE (GSCO) IIT PALAKKAD

»» NEWSLETTER ««



»» Team GSCO, IIT Palakkad visited AIT Global Water & Sanitation Center, Bangkok on 7 July 2023. Visited the labs and had discussions regarding collaboration on testing protocol, standards for wastewater treatment, reuse and biosolids treatment and reuse.

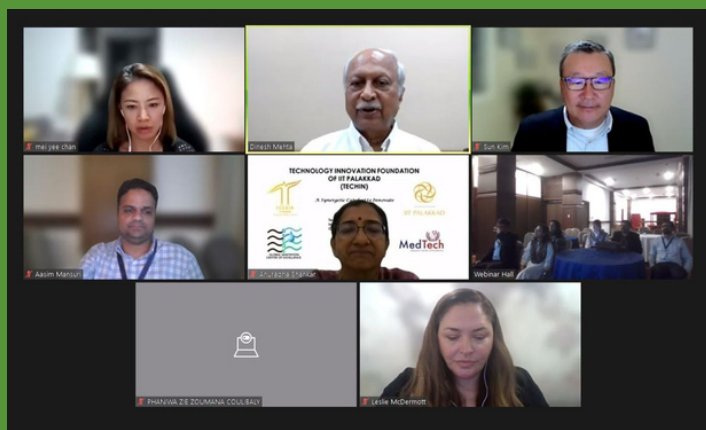


»» SAMASTHA 4.0

SAMASTHA 4.0, the fourth Workshop & Pitch of Global Sanitation Center of Excellence (GSCO) at TECHIN of IIT Palakkad had mentoring and pitching sessions on 10th July, 13th July & 20th July 2023, the Finale of Samastha 4.0 was conducted on 24th July 2023



»» The GSCoE team attended the Bill and Melinda Gates Foundation (BMGF) Partners meet held in Nepal



WEBINAR SERIES “ISO STANDARDS FOR NON-SEWERED SANITATION (NSS)”

Center for Water and Sanitation (CWAS), CRDF, CEPT University in partnership with Global Sanitation Centre of Excellence (GSCOE), TECHIN, Indian Institute of Technology, Palakkad and Bill & Melinda Gates Foundation is organized a webinar series on “ISO standards for non-sewered sanitation (NSS)” from September to December 2023. The webinar series of ISO standards for Non-sewered Sanitation commenced with its introductory webinar on 12th Sept 2023. The webinar saw participants from various parts of the globe.

DELEGATES VISITED TECHIN & GSCOE, IIT PALAKKAD

TECHIN of IIT Palakkad and the Global Sanitation Center of Excellence (GSCOE) of Indian Institute of Technology, Palakkad hosted the visits of WSH experts and funding partners during the last week of September. Mr Depinder Kapur (Centre for Science and Environment), Dr Srikanth Mutnuri (BITS Pilani Goa), Dr Roshan Raj Shrestha, Dr Carl Hensman, Mr Venkata Krishnan (Bill & Melinda Gates Foundation) and Mr Jay Bhagwan (Water Research Commission).





ROUND TABLE MEETING ON BIOSOLIDS AT NEW DELHI: A DISCUSSION ON FORMULATION OF GUIDELINES FOR TREATMENT AND REUSE

The Global Sanitation Center of Excellence (GSCOE) and the Technology Innovation Foundation (TECHIN) of IIT Palakkad jointly organized a roundtable meeting on "Biosolids: A discussion on the formulation of guidelines for treatment and reuse" on 08th of November 2023 at the India Habitat Center, New Delhi.

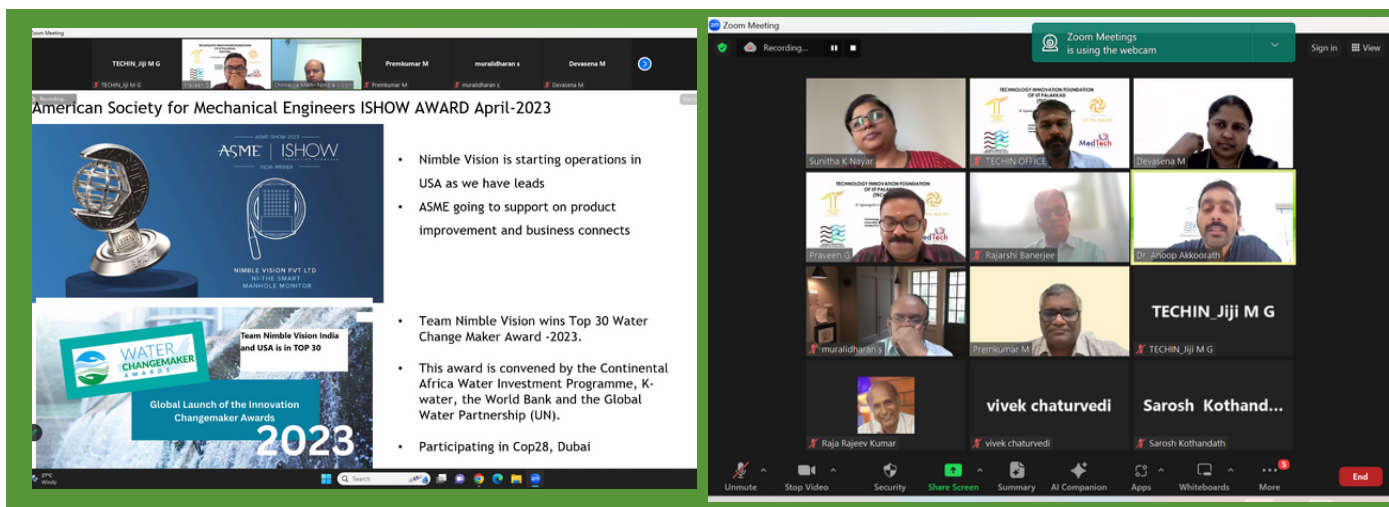
The meeting was intended to foster in-depth discussions and collaborative brainstorming with key stakeholders working in the domain of biosolids, at the national level. The Center of Excellence at IIT Palakkad is playing a pivotal role in collating these efforts done by various expert groups. The collaboration is expected to facilitate the development of national-level standards for the application and reuse of biosolids. The event was enriched with the launch of the lab Alliance kick-off meeting, led by the Centre for Science and Environment and the Bill and Melinda Gates Foundation

Distinguished personalities, including Prof. A. Seshadri Sekhar (Director, IIT Palakkad), Dr. Manoranjan Mohanty (Adviser/Scientist 'G' - Office of the Principal Scientific Advisor to the Government of India), Dr. V. K. Chaurasia (CPHEEO, Ministry of Housing and Urban Affairs), Dr. Sapna Poti (Strategic Alliance Division, PSA's office), Dr. Sunita Narain (Director General, Centre for Science and Environment), Dr. Roshan Shrestha (Bill and Melinda Gates Foundation), were among others who graced the event with their presence and valuable deliberations. Representatives of various collaborating institutes and national agencies such as WASH Institute, CDD, NIUA, BITS Pilani-Goa, CWAS-CEPT University, Indian Plumbing Association, IIHS & Administrative Staff College of India (ASCI) were also present.



➤➤➤ SAMASTHA 5.0 ONLINE PITCH EVENT

The Samastha 5.0 pitch event finale was conducted on December 20, 2023. The event witnessed enthusiastic presentations from innovators at the Technology Readiness Level (TRL)-5 and above in the WaSH domain. The distinguished panel members including Dr Rajarshi Banerjee (Faculty, Administrative Staff College of India), Dr. Vivek Chaturvedi (CEO, TECHIN), Dr. Anoop Akkoorath Mana (COO, TECHIN), Dr. Praveena Gangadharan (Project Director, GSCoE), Dr. Sunitha K Nayar (Joint Project Director, GSCoE), Dr. Devasena M (CTO, GSCoE), Mr. S Muralidharan (Chairman, Mobility AfterMarket), Raja Rajeev Kumar (CEO, LaxmiRamaVarma Capital Advisors) and Mr Premkumar Manavazhi (Leadership Thinker & Mentor) appraised and appreciated the presentations pitched in the finale.



➤➤➤ HDFC PARIVARTHAN TEAM VISITED TECHIN & GSCOE

The HDFC Parivarthan Team visited TECHIN and GSCOE of IIT Palakkad on December 15, 2023, for a discussion regarding the GSCOE Project review.



➤➤➤ PLUMBING APPRENTICE PROGRAMME

Plumbing Apprentice Programme (PAP) (outreach batch) training started at Attappadi, Kerala in the presence of Mr. V K Suresh Kumar, Project Officer, Integrated Tribal Development Project (ITDP)-Attappadi on 11th Dec 2023.



➤➤➤ DR. DEVASENA M APPOINTED AS CTO OF GSCOE

Dr. Devasena M has joined as the Chief Technical Officer (CTO) of GSCoE, IIT Palakkad. With over 15 years of experience in Environmental Research, she specializes in experimental and computer aided modeling in areas such as Hazardous Waste Management, Subsurface Contamination and Remediation, Transport of non-aqueous contaminants in the Subsurface, and Treatment of water and wastewater. Driven by a commitment to a sustainable environment, her research extends to waste management, water, soil, and agriculture. Dr. Devasena earned her Ph.D. in Environmental Engineering from IIT Madras and M.S. in Environmental Engineering from Nanyang Technological University Singapore. She has received several prestigious awards



➤➤➤ Training & Visit on Pre-Assessment and Sampling Protocol - Community Re-Invented Toilet – Elefo Clean Tech, NEWgen, Chennai



➤➤➤ Advancing Transformative Technologies in Sanitation in India - Partners Forum - 20th November 2023, ASCI, Hyderabad



➤➤➤ Laboratory Alliance Meeting AAETI at Nimli, Rajasthan Dec 21-22, 2023



➤➤➤ IWA WATER AND DEVELOPMENT CONGRESS & EXHIBITION (IWA – WDCE) KIGALI, RWANDA

The 7th Edition of International Water Association, Water and Development Congress & Exhibition (IWA – WDCE) in Kigali brought together global experts to share experience and best practices to address the current challenges in Water and Sanitation to attain the Sustainable Development Goal 6.

The congress, organized by the International Water Association (IWA) in partnership with Rwanda's Water and Sanitation Corporation (WASAC) between December 10-14, 2023 brought around 1,000 experts under the theme: "Water, sanitation and climate resilience-keys to a water wise future". The event covered five thematic areas of drinking water treatment and supply; waste water treatment and sanitation service; integrated water management and planning; utility management and operation; governance and finance.

Dr Praveena Gangadharan (Assistant Professor, Department of Civil Engineering), Project Director, Global Sanitation Centre of Excellence (GSCOE) and Dr. Devasena M, Chief Technical Officer, GSCOE participated in the event. Dr Praveena acted as a panellist at the "Sanitation Innovation Acceleration Forum" and shared her thoughts on innovation in enhancing sanitation service delivery.

