



IIT PALAKKAD GLOBAL SANITATION CENTER OF EXCELLENCE (GSCOE)



»» NEWSLETTER ««

Technology Showcase InvenTive 2024



Dr. Praveena Gangadharan, Project Director, GSCOE and her team showcased an innovative method for generating electricity for mobile charging and producing biofertilizer from source-separated urine at InvenTive 2024, the largest R&D innovation fair in the country. The event featured innovations from top institutions such as IITs, NITs, IISERs, IIITs, and other top 50 ranked NIRF institutions from across India. It took place at the Indian Institute of Technology Hyderabad on January 19th and 20th, 2024

SATVA 24, a symposium on Advanced Technologies and Visionary Approaches for Sustainability

SATVA 24, a symposium on Advanced Technologies and Visionary Approaches for Sustainability, was hosted by the Environmental Sciences and Sustainable Engineering Centre (ESSENCE) at IIT Palakkad in collaboration with GSCOE, IIT Palakkad. The startups incubated by TECHIN & GSCOE were prominently showcased at the event held on February 2nd and 3rd 2024



Global South Academic Conclave at CWAS, CEPT University

Dr. Praveena Gangadharan, Project Director, GSCOE participated in the panel discussion on emerging research areas at Global South Academic Conclave at CWAS, CEPT University. between 2-4 February 2024



Mr Jay Bhagwan visit to GSCOE, IIT Palakkad

It is an honor that Mr Jay Bhagwan, Executive Manager of the key strategic area of Water Use and Waste Management at the South African Water Research Commission, visited GSCOE & TECHIN, IIT Palakkad between 6th to 10 Feb, 2024.

The interactive sessions and dialogues with Mr. Jay were incredibly enlightening, focusing on critical topics such as sanitation, faecal sludge management, non-sewered sanitation systems, the urgency for new technologies, next generation sanitation, and the emerging sanitation economy. His insights have sparked innovative ideas and deepened our understanding of the pressing challenges and opportunities in these domains. We are grateful for the enriching exchange and look forward to further collaborations to drive positive change in water management and sanitation practices.





Governing council meeting

Governing Council meeting of the Global Sanitation Center of Excellence (GSCOE) was held on March 4th, 2024 at the Office of TECHIN, IIT Palakkad. During the meeting, progress updates regarding GSCoE, along with its activities and future plans were presented to the members of our Governing Council, the members were Prof. A. Seshadri Sekhar, Director, IIT Palakkad and Chairperson of the GC, Dr. Manoranjan Mohanty, Adviser/Scientist 'G' from the Office of the Principal Scientific Advisor, Dr. Roshan Shrestha, Deputy Director of WSH at BMGF, Dr. Vijay Kumar Chaurasia, Joint Advisor (PHEE) at CPHEEO, Dr. Nimish Shah, General Manager of Regulatory Affairs South Asia at Unilever, Shri. Ritesh Sinha, Head of Projects at CSR HDFC, Dr. Prabhu Rajagopal, Professor at IIT Madras, Shri. Venugopal Gupta, Managing Director, TBC, and Dr. K Chandrasekhar, Director, IAPMO.

This presentation included details on the achievements made by the GSCOE since its inception, ongoing work, outcomes, collaborations with external partners, and strategic initiatives undertaken. It provided a platform for the Governing Council members to provide feedback, guidance, and support to the GSCOE leadership in order to facilitate its continued success and growth. The meeting was coordinated by Dr. Devasena, CTO, GSCOE, Dr. Praveena Gangadharan, Project Director, GSCOE, and Dr. Sunitha K Nayar, Joint Project Director, GSCOE.

Exposure visit to AIT as part of Lab alliance

Dr Devasena, CTO, GSCOE participated in an exposure visit to AIT Bangkok organized by CSE. This visit was aimed at providing a 3-day training program focused on understanding FSM practices, as well as ISO/IEC 17025 and 17043 certification standards. This exposure visit included visits to FSTP located in Saensuk Town Municipality, AIT Testing Center and NATS lab.



Webinar on ISO 31800:2020 Faecal sludge treatment units

On 4th April 2024, a webinar as part of the series of "ISO standards for non-sewered sanitation (NSS)" focusing on ISO 31800:2020 Faecal Sludge Treatment Units - Energy independent, prefabricated, community-scale, resource recovery units - Safety and Performance Requirements was organized by the Center for Water and Sanitation (CWAS), CRDF, CEPT University, in collaboration with GSCOE, IIT Palakkad and the Bill & Melinda Gates Foundation (BMGF). This webinar series aimed to shed light on crucial aspects of ISO 31800:2020.

We were honored to host distinguished speakers including Mr. Chris Chan, Mr. Mansour Fall, Prof. Mark Deshusses, and Mr. Sun Kim, who shared invaluable insights. The webinar was skillfully moderated by Dr. Devasena M, CTO, GSCOE.



Sustainable Water Management at Kerala UWM Conclave 2024

The Kerala Water Authority, in coordination with Suchitwa Mission and WASH Institute, organized the Kerala UWM Conclave 2024, themed 'Used Water Management for Building a Water Resilient Kerala'. The event took place from March 20 to March 22, 2024, in Thiruvananthapuram, concluding on World Water Day 2024. Among the esteemed speakers was Dr. Praveena Gangadharan, Project Director at GSCOE, IIT Palakkad, whose profound insights on the second day of the conclave enriched our exploration of sustainable water management strategies.

