

INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD

GLOBAL SANITATION CENTER OF EXCELLENCE (GSCO)



NEWSLETTER



Samavesh: Enabling Women Entrepreneurs in WaSH

TECHIN, IIT Palakkad & GSCO of IIT Palakkad, in collaboration with HDFC Parivartan, hosted the Samāvesh Onboarding Event on 11th November 2024 at the IIT Alumni Centre, Bengaluru. This event marked a significant milestone in empowering women entrepreneurs in the Water, Sanitation & Hygiene (WaSH) sector through the Samāvesh – Women Entrepreneurship Program (WEP-1.0).

Prof. A. Seshadri Sekhar, Director, IIT Palakkad, graced the occasion as the Chief Guest. He inaugurated the ceremony and shared insightful thoughts on the transformative power of innovation & entrepreneurship, inspiring the entrepreneurs to drive impactful change in the WaSH sector.

During the event, four women-led startups were formally onboarded for incubation, setting the stage for their entrepreneurial journey. The gathering featured expert talks, a panel discussion, and networking opportunities with key stakeholders, fostering collaboration and knowledge exchange in the WaSH domain.



Paper Shortlisted for Swachh Bharat Mission Grameen

We are pleased to share that the paper titled "FSTP Intervention under SBM-G: Cost-Benefit Analysis" has been shortlisted for the Swachh Bharat Mission Grameen (SBM-G) December 2024. This recognition highlights the impact of sustainable sanitation initiatives and reinforces GSCO's commitment to advancing research in the WaSH sector.

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World Toilet Day 2024: Awareness E-Quiz at IIT Palakkad

GSCOE conducted an Awareness E-Quiz on 19th November 2024 for the IIT Palakkad campus community in observance of World Toilet Day. The initiative aimed to enhance awareness about sanitation, hygiene, and sustainable water management, reinforcing the importance of safe sanitation practices.

The event saw enthusiastic participation, fostering meaningful discussions on the significance of equitable sanitation for all. GSCOE remains committed to driving awareness and innovation in the sanitation sector.



Visit to Water Treatment Plant – Malampuzha

GSCOE team visited the Water Treatment Plant in Malampuzha, Palakkad, on November 29, 2024, to explore water purification processes, treatment technologies, and operational efficiencies.

The visit provided valuable insights into water quality management, sustainability measures, and advancements in water treatment, contributing to ongoing efforts in enhancing safe water access.



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FSTP Site Visits

GSCOE conducted five site visits in Tamil nadu and two site visits in Kerala to sample and analyse the performance of FSTPs and their operation as part of Lab alliance activities.



Certification in

Lead Auditor Training – ISO 14001:2015

Mr.Praveen Rosario, Senior Lab Executive, successfully earned certification in Lead Auditor training for the ISO 14001:2015 standard, which focuses on designing and implementing Environmental Management Systems (EMS). This certification enhances expertise in environmental compliance, sustainability practices, and audit processes.



Discussion on Sanitation Technologies for Kerala

GSCOE conducted a discussion on various sanitation technologies for Kerala on 17th January 2025, with the Atal Mission for Rejuvenation & Urban Transformation (AMRUT) and Suchitwa Mission Kerala. The session explored emerging technologies, implementation challenges, and strategies for improving sanitation infrastructure in the state.

GSCOE remains committed to fostering innovative sanitation solutions for a sustainable future.

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GSCOE Showcases at IIT Palakkad Open House

GSCOE presented its pioneering initiatives in water quality management & sanitation during the IIT Palakkad Open House on 18 & 19 January 2025 at Nila Campus.

The two-day event provided a dynamic platform for networking, knowledge exchange & collaboration, highlighting the immense potential of IIT Palakkad's innovation ecosystem in addressing critical sanitation challenges.



EFT Project Progress Update

The Engineering Field Testing (EFT) project continues to move forward, focusing on evaluating prefabricated onsite treatment systems for blackwater, greywater & urine with flush water. Real-world performance insights & user feedback are driving refinements to non-sewered sanitation (NSS) solutions, enhancing efficiency & effectiveness.

With construction advancing steadily, the project is on track for completion, marking a significant step in developing sustainable & scalable sanitation technologies.

