

The workshop was benefited by 70 participants representing faculty, staff, researchers, innovators & entrepreneurs from IIT Palakkad and its nearby knowledge ecosystem.

GSCOE suitably observed World Environment Day on 5th of June 2025. To align with the international observation campaign, a slogan contest was organized, inviting creative and impactful slogans capturing this year's theme: **#BeatPlasticPollution**. The initiative received enthusiastic responses, reflecting the IIT Palakkad Campus community's awareness and commitment to environmental conservation.



Strengthening Academic and Research collaborations between GSCOE of IIT Palakkad and prominent universities of the United Kingdom



A Memorandum of Understanding (MoU) was signed between the University of Southampton and the Indian Institute of Technology Palakkad

The MoU signing ceremony on 23rd June 2025 was graced by Prof. Phillip Wright, Senior Vice President (Academic), and Prof. Yannis Ieropoulos, Head of WEEG from the University of Southampton, as well as Dr. Praveena Gangadharan, Project Director of GSCOE, and Dr. Devasena M, Chief Technical Officer of GSCOE, from IIT Palakkad.

Through this collaboration between the **Water and Environmental Engineering Group (WEEG)** of the **University of Southampton** and the Global Sanitation Center of Excellence (GSCOE), IIT Palakkad, pressing challenges such as urban sanitation, climate-resilient sanitation infrastructure, biosolids valorization, and circular economy models will be addressed through innovative and interdisciplinary solutions.

The delegation from the GSCOE of IIT Palakkad visited the **Centre for Environmental Health and Engineering (CEHE)** at the **University of Surrey**, United Kingdom.

The team had detailed technical discussions with Prof. Devendra Saroj, Head of CEHE.

The visit focused on exploring collaborative opportunities in academics and research across various domains, including public health engineering and sanitation. Prof. Saroj shared insights into CEHE's ongoing initiatives in environmental engineering and circular sanitation, which closely align with GSCOE's mission to foster scalable and resilient sanitation technologies.



The delegation from the GSCOE of IIT Palakkad also visited **Cranfield University in the UK** and engaged in fruitful discussions in the area of Non-Sewered Sanitation Systems.

Visit of Honorable Education Minister to GSCOE lab and testing facilities, and
Soft launch of the Engineering Field Testing (EFT) platform on 18th July 2025



Shri. Dharmendra Pradhan, Hon'ble Minister of Education, Government of India, visited the GSCOE facilities on 18th July 2025 and expressed appreciation for the R&D infrastructure, innovation activities, and outreach engagements that promote transformative sanitation technologies.

The Engineering Field Testing (EFT) platform established at GSCOE was soft-launched and dedicated by Shri. Dharmendra Pradhan, Hon'ble Minister of Education



This state-of-the-art testing facility is designed to accelerate innovation, technical validation, and support field testing of next-generation sanitation technologies

Additional news feeds
about the event



<https://iitpkd.ac.in/news/honble-minister-education-shri-dharmendra-pradhan-launches-engineering-field-testing-platform>

Transformative Sanitation Technologies workshop, partnered and co-hosted by
GSCOE of IIT Palakkad, 23rd to 25th July 2025



This three-day stakeholders immersive workshop on “Creating an Enabling Environment for Transformative Sanitation Technologies,” jointly organized by the Gates Foundation and Dasra, was held in Coimbatore.

On the second day, the workshop was hosted at the IIT Palakkad campus, where the participants visited and experienced the sophisticated research and development labs and testing facilities established at the GSCOE, designed to accelerate innovation, technical validation, and support field testing of next-generation sanitation technologies

Collaborations and Networking



Prof. A. Seshadri Sekhar (Director, IIT Palakkad) and Dr. Praveena Gangadharan (Project Director, GSCOE of IIT Palakkad) visited the Office of the Principal Scientific Adviser to the Government of India on 22nd May 2025. They had the privilege of meeting Dr. Preeti Banzal (Scientist G), and Dr. Hafsa Ahmad, (Scientist D, PSA Office). The meeting was a valuable opportunity to share updates on the progress of the GSCOE

The GSCOE of IIT Palakkad has strengthened its partnership with the Centre for Science and Environment, New Delhi, through an MoU executed on the 24th of July 2025 at IIT Palakkad.

The event was graced by Prof. Santhakumar Mohan (Dean, ICSR, IIT Palakkad), Mr. Subrata Chakraborty (Director, Water Programme, CSE), along with Dr. Praveena Gangadharan (Project Director, GSCOE), Dr. Rajarshi Banerjee (Director, Environment Monitoring Laboratory, CSE), Dr. Devasena M (CTO of GSCOE), and Dr. Praveen G (Project Manager, GSCOE).



Additional news feeds
about the event



<https://iitpkd.ac.in/news/iit-palakkad-partners-centre-science-and-engineering-new-delhi>



Visit of Mr. Viju Parameshwar (IIT Palakkad Advisory Council member) to GSCOE facilities on 14th May 2025



Visit and interaction with industrial representatives from M/s Covestro India on 15th May 2025



Faculty members from Kalaingar Karunanidhi Institute of Technology (KIT), Coimbatore, visited GSCOE facilities on 11th July 2025



GSCOE partnered with ESSENCE and cPeriyar for the conduct of the Symposium on Advanced Technologies and Visionary Approaches for Sustainability (SATVA 2025) during 11th and 12th July 2025.

Dr. Praveena Gangadharan spoke about GSCOE and its activities during Day-2 of the symposium

Lighter Moments - Team meetup, Work review and Group lunch - July 2025



Accomplishments



Dr. Praveena Gangadharan (Project Director, GSCOE) has been promoted as Associate Professor, Department of Civil Engineering, IIT Palakkad. Congratulations...!!!

Dr. Praveen G (Project Manager- GSCOE) has completed the preliminary training & certification on "Essentials of Technology Transfer" by Venture Center, Pune, and was formally inducted into the professional community of Indian technology transfer practitioners in May 2025. Congratulations...!

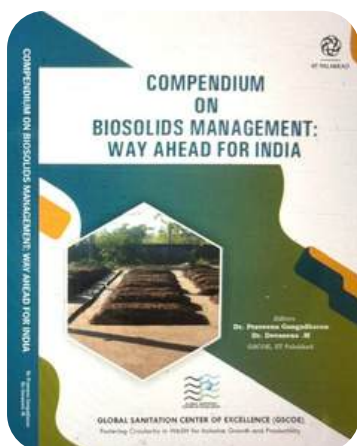


Dr. Guruprasad, Sarani Sasidaran, and Ramya Viswas from GSCOE has participated and certified on "Quality Management System and Internal Auditor Training Course as per ISO/IEC 17025:2017" organised by Knowledge Centre of International Quality And Accreditation Services (IQAS) held during 24th June to 27th June 2025. Congratulations...!

Upcoming Events

- ★ Hosting the visit of Prof. Devendra Saroj (University of Surrey, UK) - 21st August 2025
- ★ Meeting of the Governing Council of GSCOE of IIT Palakkad - September 2025

Other resources and publications



Technical compendium on "Biosolids management: Way ahead for India", 2025
Eds: Dr. Praveena Gangadharan and Dr. Devasena M
(ISBN number - 978-93-95656-38-6)



GSCOE
Annual Report 2025



Weblink of GSCOE lab services:
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