

INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD

GLOBAL SANITATION CENTER OF EXCELLENCE (GSCOE)



»» NEWSLETTER ««

FSTP Field Visits and Sampling Activities

Field visits and sampling were successfully carried out at Faecal Sludge Treatment Plants (FSTPs) in the following locations:

- Periyanaickenpalayam, Coimbatore - 21 May 2024
- Mattampuram, Thrissur - 28 May 2024
- Kalpetta, Wayanad - 25 June 2024
- Brahmapuram & Willingdon Island, Kochi - 8 July 2024

The analysis of samples collected from Periyanaickenpalayam, Mattampuram, and Kalpetta has been completed.



Visit to CDD Lab

On April 23-24, 2024, our team, including Dr. Sudeeptha Girijan, Praveen Rosario, and Ramya Viswash, visited the CDD Lab. The visit provided valuable insights into the lab's operations, including the process of obtaining NABL accreditation and an overview of the community FSTP in the area.

Journal Article Submission

A journal article on the cost-benefit analysis of agricultural reuse was submitted to Clean Technology and Environmental Policy on July 2, 2024.

Meeting on FSTP Monitoring and Lab Procedures

On April 3, 2024, Dr. Devasena and Dr. Praveena attended a meeting focused on sampling and testing procedures, FSTP monitoring, lab facilities and certification, data management, and capacity building.

Visit to ASCI Lab, Hyderabad

From May 2-4, 2024, GSCOE team Dr. Guruprasad Talekar and Praveen Rosario visited the ASCI Lab in Hyderabad. During the visit, they gained insights into the operations of five FSTPs in Telangana, the lab's overall functioning, and the process of achieving NABL accreditation.



New Instruments and Equipment Installed

Recent additions to our lab include:

- Optical microscope
- Biosafety cabinet
- XRF
- Autoclaves, centrifuges, and other essential lab equipment
- Stack monitoring kit
- CHNS analyzer
- GC-FID
- Noise meter



Key Meetings with NIUA and Partners

First meeting with NIUA – 18 April 2024

Joint Meeting with TIC, NSF, CWAS, and NIUA – 28 June 2024

Visit by Isle Utilities Expert Team

From June 3 to 7, 2024, the Isle Utilities expert team, comprising Dr. Brian Hawkins, Vishwanath Surendiran, Gillian Chigumira, and Dr. Ashton Busani Mpofo, visited the Global Sanitation Center of Excellence (GSCOE) and TECHIN at IIT Palakkad. The visit was highly productive, and we are grateful for the valuable insights they provided.

