State Level Training cum Exposure Visit on Operations and Maintenance of FSTPs and Co-treatment Plants

Location: Varanasi
Venue: Meeting Hall at Nagar Nigam Varanasi, Sigra
Exposure visit Location: 10KLD Faecal Sludge Treatment plant at Chunar, Mirzapur

Training Proceedings

Overview:
The Centre for Science and Environment, located in New Delhi, has been providing technical support to the Uttar Pradesh state government in the operationalization of 59 Faecal Sludge & Septage (FSS) treatment infrastructure projects established across 57 cities. A comprehensive training cum exposure visit was conducted by the Centre for Science and Environment (CSE) in partnership with the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) Department of Urban Development Lucknow on the operation and maintenance of Faecal Sludge Treatment Plants (FSTPs) and Co-Treatment Plants. The event took place on October 4th, 2023, and was followed by an exposure visit on October 5th, 2023. The primary objective of this initiative was to enhance the knowledge and expertise of participants in the management and treatment of faecal sludge and co-treatment processes.
Participants:
The training welcomed a total of 30 participants representing 27 different urban local bodies. The diverse group of attendees included professionals and officials (JE, AE, SFI, EO, AMC, UIS, DPM) involved in urban sanitation and wastewater management.

Key Topics Covered:
Operation and Maintenance of Faecal Sludge Treatment Facilities: Participants were provided with in-depth insights into the operation and maintenance of Faecal Sludge Treatment Plants. This included a comprehensive understanding of the technologies and processes involved in treating faecal sludge.

Safety in Faecal Sludge Management Activity: The importance of safety in faecal sludge management was emphasized, with a focus on best practices to ensure the well-being of both workers and the environment.

Operational Costing of FSTPs and Co-Treatment Plants: The training addressed the financial aspects of managing FSTPs and Co-Treatment Plants, discussing budgeting, cost analysis, and cost-effective strategies for sustainable operation.

Roles and Responsibilities of Staff: Participants received insights into the roles and responsibilities of the staff engaged in faecal sludge management, emphasizing the significance of seamless coordination and collaborative teamwork.

Outcome:
The training cum exposure visit provided participants with a strong foundation in faecal sludge management and co-treatment processes. It aimed to enhance their capacity to effectively manage and maintain faecal sludge treatment facilities and contribute to cleaner and healthier urban environments.

The event was a significant step toward advancing urban sanitation and Faecal Sludge Management practices, ensuring that urban local bodies are better equipped to handle the challenges of faecal sludge treatment and co-treatment in the present and future.

At the end of the training a feedback session was done where participants were asked about their experience of the training. We received an overwhelming response from the participants. Participants appreciated our efforts and applauded the context and content of the training.
For more information and updates on similar initiatives, please visit the official CSE websites.