**Announcement**

**Overview of the training**

**Online Training on Design and Implementation of Decentralised Wastewater Treatment System (DEWATS™)**

**Date:23rd August to 3rd September,2021**

**Session timings: 16:30 to 19:00 IST**

**Background**

The disposal of huge volumes of untreated domestic sewage from cities and towns is the biggest source of water pollution and environmental contamination. Most Indian cities try to handle the infrastructure demands through centralised systems, which not only require high capital expenditures but also cause high operation and maintenance.

The existing centralised systems are not able to serve the increasing demand. As a complementary option to the centralised approach, a decentralised waste management system can be an effective solution to tackle pollution in urban areas. Moreover, decentralisation helps to increase community participation in the decision-making process, implementation and maintenance.

In this context, there is an increasing need for scaling up decentralised approaches for adequate basic needs services. Decentralised wastewater treatment systems have enormous potential in contributing to the development of sustainable environmental sanitation. CDD Society aims to address the need for decentralised solutions by enhancing the capacities of service providers across the country.

**Training Objective**

The objective of this training programme is to introduce and impart engineering skills to professionals for design and implementing DEWATS™.

By the end of this training, participants will be able to;

-      Establish the need for wastewater treatment and reuse

-      Classify wastewater and its characteristics

-      List the advantages of ***DEWATS*** over other wastewater treatment approaches

-      Describe the concept and principles of DEWATS and the functions of each module

-      Identify the parameters for DEWATS modules design and gain skills on design calculations

-      Assess the feasibility of DEWATS from social, technological, financial and institutional perspectives by following a standard procedure for conducting the study

-      Acquire the skill of developing design (dimensions) of treatment modules considering environmental and civil requirements

-      Identify the DEWATS construction steps, norms and crucial stages of construction supervision

-      Define the key steps and activities involved in the operation and maintenance of a DEWATS plant

-      Understand the role of DEWATS project monitoring and performance (wastewater) monitoring

-      Understand the applicability of DEWATS in different sectors

-      Outline the economics of DEWATS

**Training Registration fee:**

* Per Indian participant: **Rs. 15,000/-**
* Per International participant: **USD 300**

**Last date for Registration:**

14th August 2021

**Online Registration Link:** [**https://bit.ly/3wmUxa7**](https://bit.ly/3wmUxa7)

Refer the Eflyer in the mail.

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