



**Date:** 23<sup>th</sup> August to 3<sup>rd</sup> September, 2021  
(No session on Saturday and Sunday)  
**Commitment:** 2.5 hours per day (16:30 to 19:00 IST)  
**Language:** English  
**Last Date to Apply:** 14<sup>th</sup> August 2021

## Online Training: Design and Implementation of DEWATS™ (Decentralised Wastewater Treatment Systems)

### Background

With many countries across the globe grappling with a water crisis, the only possible alternative is promoting the reuse of treated wastewater.

Most cities treat their wastewater through centralised sewerage systems, which can be quite challenging to maintain in the long run. One of the primary difficulties is scaling them up as cities grow.

As a result, decentralised approaches are fast gaining ground - especially in rapidly urbanizing places; not to replace but rather to complement centralised systems. However, the biggest reason for decentralisation is that it contributes to water security by enabling the reuse of treated water close to the point of generation.

Decentralised wastewater treatment systems (DEWATS™), are an attractive solution for addressing the problems of water pollution and scarcity. Its low operation and maintenance helps keep costs low. DEWATS™ is a feasible alternative for those areas that are not connected to sewer networks as well as for peri-urban areas, where sewer networks don't usually reach.

Learn how to design and implement your DEWATS™, which is CDD's approach and solution to wastewater management.

### What you will learn

- Introduction to wastewater management
- Wastewater treatment approaches and technologies
- DEWATS™ Principles and Modules
- Design of DEWATS™ - parameters and modules
- Feasibility and initial DEWATS™ project planning
- Economics of DEWATS™
- Reuse options of treated wastewater
- DEWATS™ Implementation, Operation and Maintenance

### Who can apply:

A minimum of 1 year experience in the WASH and/or waste management sector will help you benefit from the training more.

- Engineers
- Wastewater (Civil and Environmental) managers
- Architects
- Infrastructure professionals
- WASH professionals
- Urban Planners

### Unique feature of this training

- Same course, different format (Virtual classroom with virtual tour of DEWATS™ site)
- Attend online - from a location of convenience
- Learn by doing - Breakaway rooms, individual and group assignments
- Learn how to build a DEWATS™ on your own

### Methodology

Highly interactive hands-on training:

- Interactive input presentations
- Case studies
- Demonstrations
- Hands-on exercises
- Short videos for presentation
- Field practical (optional)
- Experience Sharing
- Individual and Group Assignments

### Training Fee:

- INR 15,000 per Indian participant
  - USD 300 per International participant
- Payment through bank transfer, OR NEFT. Details to be provided to interested participants after confirmation of registration.

### Benefits:

- A certification on successful completion of training.
- CDD will review the design of the first DEWATS™ project

### Training Coordinator

Dr. Roopa Bernardiner, Ph.D. Senior Manager, CASS  
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Visit: <http://www.cddindia.org>

**Registration Link :** <https://bit.ly/3wmUxa7>

(Please copy paste the link, If it does not open for you on clicking)

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Organised by:

