

Dear Sir/Madam,

It is informed that Department of Civil Engineering, NITTTR is conducting an ICT based programme on **"Water Resource Management"** from **28th May to 1st June, 2018 at NITTTR, Chandigarh.**

Mahaveer Institute of Technology & Science, Pali is Nodal centre. We invite you and your faculty members to attend this FDP. You can revert to this mail as the consent of attending the FDP. No registration fees.

Lodging and boarding facility will be provided to participate at reasonable charges.

The faculty members and Technical Staff of Engineering branches from Govt./Govt. Aided/Self-financed Polytechnics/Engineering Colleges are eligible.

Send your name to local coordinator: Ram Prakash Vishnoi (hodcivil@mitsjadan.ac.in, mobile no. 9414474764)

Thanking you,

Objectives of Course

- Plan the development of water resource for their sustainability
- To carryout geographical investigations for location of aquifers
- To select the site for installation of tube-wells
- To carryout water quality analysis for different uses
- To design the tube-wells
- To get the well installed by proper drilling techniques
- To carry out the maintenance of the wells
- To plan to design the ground water recharging structures
- Water conservation measures.

Course Content

1. Development of ground Water Resources, Geophysical Investigations site selection for tube, wells, Design and construction of Wells, Maintenance of wells, Artificial Recharge of Ground Water, Conservation and Recycling of water.
2. Water Resource Management through Modern Temples of India
3. Bhakra Beas and Ranjit Sagar Case Studies
4. Meteorology of River System
5. Construction of Large Earthen Dam
6. Operation & Maintenance of Dam
7. Canal Network especially Nagal Hydel Channel
8. Water Conservation in Canals
9. Water Conservation Measures
10. Recycling of Waste Water
11. Role of Groundwater in Water Management



Dean
MITS, Pali