

**One-Week Short-Term Training Programme
(online mode)**

on

**An approach for water
conservation and management
for sustainability**

27-31 July, 2020

Under

**TECHNICAL EDUCATION QUALITY
IMPROVEMENT PROGRAM
(TEQIP-III)**

Coordinator

Dr K. D. Yadav

Call for Participation



Organised by

**Environmental Section
Department of Civil Engineering
Sardar Vallabhbhai National Institute of
Technology, Surat – 395 007, Gujarat**

About the Institute:

The institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as a National Institute of Technology in 2002. SVNIT at present is one of the prestigious engineering institutions of the country, and has contributed many outstanding engineers in India and abroad. At present the Institute runs six undergraduate eighteen postgraduate programmes, three MSc integrated program (5 year duration) in Physics, Chemistry, and Mathematics and also Ph.D. programme in all disciplines of Engineering and Applied Sciences. Special attention is given to interdisciplinary research. The institute has an excellent placement record with a number of top-ranking companies visiting the campus every year.

About the Department:

The Department of Civil Engineering came into existence in the year 1961. The department has 44 faculty members with specialisation in various areas. The department has been running one UG programme and six PG programmes (Environmental Engineering, Urban Planning, Water Resources Engineering, Structural Engineering, Soil Mechanics & foundation Engineering and Transportation Engineering & Planning) and research programme leading to Ph.D. degree.

About Surat City:

Surat is an important industrial city of the country with clean and wide roads. It is well known worldwide for its textiles and diamond industries. Several large-scale industries and establishments are located in the city. Surat is one of the 20 cities selected for funding under smart city scheme. The city is situated on the main western railway route between Vadodara and Mumbai. The institute is located at Ichchanath on Surat-Dumas road at a distance of about 10 km from Surat railway station and around 8 km from airport.

About the Training Programme:

Water is basic need for survival and growth of living organism so conservation and proper management of water is very necessary. Safe drinking water and basic sanitation is of crucial importance to the preservation of human health, especially among children. The country that pumps more groundwater than any other has reached a water supply and food safety reckoning that threatens to upend political and economic stability, and long-term public health. The major reasons behind water scarcity in India. The water scarcity is mostly man made due to excess population growth and mismanagement of water resources. Traditional techniques of irrigation causes maximum water loss due to evaporation, drainage, percolation, water conveyance, and excess use of groundwater. Certain facts like 90 percent of rural India's drinking water comes from groundwater and 75 per cent of agriculture is groundwater based. In urban India, 50 percent of the water supply is groundwater based.

There is urgent need to focus on how can reduce the consumption of water, store the water by rainwater harvesting, recharging. Reuse of black water greywater after proper treatment.

The main objective of the one-week short-term training programme (online mode) “**An approach for water conservation and management for sustainability**” is to disseminate the knowledge about the water.....

Topics:

Some of the topics to be covered in the programme include:

- ✓ Water conservation
- ✓ Rain water harvesting
- ✓ Recycle and reuse of black water
- ✓ Recycle and reuse of grey water
- ✓ Recycle and reuse of water in industries
- ✓ Recharging techniques

Eligibility for Participation

The training programme is open to engineers, teachers, researchers, professionals and persons from Industry. As the training programme is interdisciplinary in nature, persons with Civil, Environmental, Mechanical, Biotechnology, Chemical Engineering and Applied Sciences background can attend the programme. Research scholars working in the above areas are also eligible to apply.

Registration Fee:

The registration fees for the program shall be Rs.
Rs 200 for Research scholars
Rs. 500 for Academician
Rs. 1000 for Professionals/ Industry person

The registration fee should be paid online mode in account of “Director SVNIT TEQIP IRG” A/C No: 0277101028663 Canara Bank, Nanpura Branch Surat, IFSC: CNRB0000277.

Programme Faculty:

The resource persons for the programme shall include faculty members of NIT Surat, IITs, NITs and other institutes of repute as well as experts from industries/ GPCB.

Program Schedule: The program will be run in online mode during 27-31 July, 2020 from morning 10 AM to 5PM. Program link will be shared to selected registered candidate.

Important Dates:

The scanned copy of completed registration form should be sent as an e-mail attachment to kdjhansi@yahoo.com by 23 July, 2020 along with receipt of online payment. The number of candidates limited to 50 on first come first basis.

TEQIP-III Sponsored

One-Week Short-Term Training Programme (online Mode)

On

An approach for water conservation and management for sustainability

27-31 July, 2020

REGISTRATION FORM

Full Name :

Designation :

Institution/ Organization with address:

Highest Qualification :

Experience :

Phone (Off) :

(Mobile):

E-mail address:

Registration Fee

Bank :

Amount :

Receipt No.

Online payment to “*Director SVNIT TEQIP IRG*” A/C No: 0277101028663 Canara Bank, Nanpura Branch Surat, IFSC: CNRB0000277. In purpose write Registration Fee CED KDY STTP-1 (*Attach the receipt of online transfer*)

Signature of the Applicant:

Signature of the Head of the Department/ Institution/organization with seal:

Address for Correspondence

Dr K. D. Yadav

Associate Professor

Department of Civil Engineering

S. V. National Institute of Technology, Surat – 395 007, Gujarat

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For more details visit: www.svnit.ac.in