One-Week Short-Term Training Programme

on

Recent Advances in Waste Management

23-27 January, 2017

Under

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAM (TEQIP-II)

Coordinators

Dr K D Yadav

Dr M Mansoor Ahammed

Call for Participation

Organised by

Civil Engineering Department
Sardar Vallabhbhai National Institute of Technology, Surat – 395 007

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 and eighteen postgraduate programmes, and 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 26 faculty members with specialisation in various areas. The department has been running one UG programme and four PG programmes (Environmental Engineering, Planning, Water Resources Engineering and Transportation Engineering & Planning) and research programme leading to Ph.D. degree.

About Surat

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. 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.

About the Training Programme

Safe drinking water and basic sanitation is of crucial importance to the preservation of human health, especially among children. Water-related diseases are the most common cause of illness and death among the poor of developing countries. Further, management of wastes from urban centres and industry is also a challenging task. Several methods have been developed, particularly over the last few decades, capable of reducing the cost and complexities of treatment without sacrificing the requirements of pollution control. Some of these methods have special relevance for the developing countries like India which would like to keep the mechanisation and imports to a minimum and use materials and methods which are viable and appropriate to the local conditions.

The main objective of the one-week short-term training programme on **Recent Advances in Waste Management** is to disseminate the recent advances in the science and technology of sustainable water and waste management techniques.

Topics

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

- Natural waste treatment methods
- Industrial waste management
- Advanced oxidation processes
- Nanotechnology applications in water and wastewater treatment
- Ecological sanitation
- Composting and vermicomposting for solid and liquid wastes
- Chemistry and microbiology of water and waste management
- Case studies and field visits

Eligibility for Participation

The training programme is open to engineering college teachers **(both degree and polytechnic colleges)** and persons **from Industry.** As the training programme is interdisciplinary in nature, **persons with Civil, Environmental, 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. 1000 for faculty from academic institutions Rs. 500 for research scholars and Rs. 2000 for persons from the Industry.
Registration fee includes working lunch and course materials. The participants have to bear their own travelling expenses. Accommodation can be arranged upon prior request on payment basis in the Institute Guest House/Hostel on nominal charges. The registration fee should be sent in the form of a DD in favour of "Director, SVNIT" payable at Surat. In case, a candidate is not selected for the training program, the DD shall be returned back at the address provided in the registration form.

Programme Faculty

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

Important Dates

The scanned copy of completed registration form may be sent as an e-mail attachment to
kdjhansi@yahoo.com or mma@ced.svnit.ac.in
or as a hard copy by 16/01/2017. The registration form should contain the signature of the Head of the Institution with seal.
The list of selected applicants will be displayed on the institute website by 17/01/2017.

TEQIP-Sponsored

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REGISTRATION FORM

Full Name :

Designation :

Institution with address:

Highest Qualification : **Experience :**

Phone (Off) : **(Mobile):**

E-mail address:

Accommodation required: **Yes / No**

Registration Fee (*Demand Draft in favour of Director, SVNIT, payable at Surat***)**

Bank : **Amount :**

DD No. **Date :**

Signature of the applicant:

Signature of the Head of the Institution with seal:

Address for Correspondence
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