

ABOUT THE SVNIT

The institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as a National Institute of Technology on 4th October 2002. Sardar Vallabhbhai National Institute of Technology (SVNIT) is one of the pioneering engineering institutions of the country which has contributed many outstanding engineers in India and abroad. It is conducting six UG programs, seventeen PG programs, five years integrated M.Sc. programs and PhD program in all disciplines of engineering and applied sciences. Special attention is also given to interdisciplinary researchers. The institute has an excellent placement record and growing by high pace in research as well as consultancy.

ABOUT THE DEPARTMENT

The Department of Civil Engineering is one of the pioneering departments of the Institute. The department has highly qualified faculty members engaged in teaching, research and development with the aim of achieving excellence in their fields. Department offers Post Graduate and Doctoral Programs in the following areas:

1. Water Resources Engineering
2. Environmental Engineering
3. Transportation Engineering and Planning
4. Urban Planning

The major strength of the department is due to its multidisciplinary activities like R&D, Consultancy, and Testing etc.

ABOUT SURAT CITY

Surat is a top ranking industrial city in the country with clean wide roads. It is well known worldwide for textiles, Zari and Diamond industries. Several large-scale industries and establishments are located in the city. Surat is situated on the main western railway route between Vadodara and

Mumbai. The institute is located at Ichchhanath on Surat-Dumas road at a distance of about 9 km from Surat railway station. Being a coastal city and on the bank of the Tapi River, the weather is good around the year. The average minimum and maximum temperature during December are 31.5°C and 16.5°C. By auto, it may cost from Surat railway station to SVNIT @ Rs. 100-120 during daytime.

ELIGIBILITY FOR PARTICIPANTS

Engineering College / Institute, Government Engineers, Field engineers, Consultants, Polytechnic faculty members, research scholars, M. Tech/ ME students, pre-final year B Tech/ BE (Civil, Water, Environment) Engineering students are eligible to participate in this program. It is expected that participants carry laptop

REGISTRATION

The registration fee for participants is as follows.
Research scholar/PG/UG: 2000 Per person
Faculty from Academic Inst.: 3000 Per person
Industry delegate: 4000 Per person
The payment of the registration fee should be in the form of Demand Draft/Cheque in favour of “**Director, SVNIT, TEQIP-IRG**” payable at **Surat**. Last date for Registration [Completed registration form may reach institute along with DD/Chaque] by Nov 22, 2018.

The registered candidates will be given the participation certificate. The Registration fees include participation in the course, course kit, breakfast, high tea and lunch. Attendance for the sessions is mandatory. Confirmation will be done through email only.

ACCOMMODATION

Accommodation for outside participants will be provided in the Guest house/Hostel Guest House of SVNIT, Surat on payment basis as per availability.

One Week Short Term Training Program (STTP)

On

Recent Advances in Flood Modelling

Under TEQIP-III
(3rd to 7th Dec 2018)

Coordinator

Dr. S. M. Yadav

Professor & Head

Water Resources Engineering
Civil Engineering Department

ORGANIZED BY



CIVIL ENGINEERING DEPARTMENT

**S. V. NATIONAL INSTITUTE OF
TECHNOLOGY, SURAT, 395007**

GUJARAT

OBJECTIVE OF THE WORKSHOP

The course introduces the participants to the recent advances in flood modelling. The course intends to cover nature and characteristics of floods, introduction to 1D-2D flood modelling, flood forecasting, early warning system through case studies. Hands-on practice will be imparted during the workshop.

RESOURCE PERSONS

Resource persons are invited to share their respective expertise in recent advance in flood modelling from premier institutes, organizations like IIT, NIT, CWC, WAPCOS, IMD and consultants.

COURSE DATE AND VENUE

The course will be conducted from 3rd to 7th Dec 2018 at Seminar Hall, Civil Engineering Department, Surat, Gujarat.

COURSE CONTENT

The course intends to cover following topics:

1. Nature and characteristics of floods.
2. Hydrology and hydraulic flood modelling.



3. Remote sensing and GIS application.
4. Introduction of 1D-2D Flood Modelling.
5. Flood forecasting and early warning system.
6. Introduction to modelling tools such as Mike 11, HEC-RAS, Arc GIS, HEC-Geo RAs, RAS Mapper.
7. Case studies.
8. Hands-on practice sessions.

ADDRESS FOR CORRESPONDENCE

The completed registration form should be sent to the following address on or before Nov 22, 2018.

(Send filled registration form through e-mail or by mail)

Dr S. M. Yadav

Professor and Head, Civil Engineering Department, S. V. National Institute of Technology, Surat - 395 007, Gujarat, India.

Mobile: +91 9426152906

Email: shivnam27@gmail.com;

smy@ced.svnit.ac.in

** Participants of all categories have to submit completely filled registration form signed by Head of the Institute/Department.*



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REGISTRATION FORM

Full Name (*Capital letters): _____

Qualification: _____ Roll No _____

Designation: _____

Institution: _____

Address: _____

Phone No (M): _____

E-mail: _____

Details of Registration Fees:

Amount Rs. _____ Only

DD/Chaque No:..... Dated:.....

Accommodation Required: Yes ___ or No ___

Do you have preliminary knowledge of flood modelling? Yes/ No:

Date: _____ Signature of Applicant

Signature of Head of the Department / Institute
(With date and seal)