

One week short term training
programme (STTP) On
“TOOLS FOR LIFE LONG
RESEARCH
(TFLLR-I 2018)”

Faculty Coordinators

Dr. Kale Ganesh D.

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Civil and Mechanical Engineering
Department



S.V. National Institute of
Technology, Surat-395007

ABOUT THE INSTITUTE

The institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and it is elevated to Sardar Vallabhbhai National Institute of Technology with the status of 'Deemed University' on 4th October 2002. The 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, three five years M. Sc. Programs and Ph.D. program in all disciplines of engineering and applied sciences. Special attention is given to interdisciplinary research all across departments. The institute has an excellent placement record and growing by high pace in research as well.

ABOUT THE DEPARTMENTS

The Departments of Civil and Mechanical Engineering are one of the oldest departments from the inception of institute (1961). Both departments have well qualified and dedicated faculty members with the specialization in various areas. The departments are undertaking a UG programs in respective disciplines. In civil engineering department four PG programs (Environmental Engineering, Urban Planning, Water Resources Engineering and Transportation Engineering and Planning) and in Mechanical Department, five PG programs (Thermal System Design, Mechanical Engineering, Turbo Machines, CAD/CAM, and Manufacturing Engineering) are currently running. Research programs leading to PhD degree in related specializations are also offered. For working people, master program by

research and part time PhD program are also available. The research facilities are developing with addition of new equipments and laboratories, and modernization of old laboratories.

ABOUT THE PROGRAMME

One week STTP on “**TOOLS FOR LIFE LONG RESEARCH (TFLLR-I: 2018)**” is scheduled to be held during **January 27-31, 2018**. The main objective of this programme is to promote research tools and motivate researchers of country. The challenges in research are a lot: starting from making ourselves prepared with various tools and techniques required to carry research to communicating research to reputed journals. After PhD, real test of researchers starts with new journey. In this programme, we are mainly focussing on **fundamentals of MATLAB, analytical, computational and experimental techniques**, which are, must for any researcher. The outcome of this program would be to prepare motivated researcher to accept challenges. **This program is multidisciplinary in nature and may be having participations from all disciplines such as Civil, Computer, Electrical, Electronics, Mechanical, Basic Sciences etc. Earlier coordinators have conducted several training programs successfully.**

TOPICS TO BE COVERED

- ❖ **Introduction- Scope and Overview of Program**
 - **Challenges for researchers**
- ❖ **Various tools for research**
- ❖ **Computational and analytical approaches**

- ❖ **Fundamentals of MATLAB**
- ❖ **Experimental tools for research: Design of Experiments, Uncertainty Analysis, etc.**
- ❖ **How to publish a research paper**
- ❖ **Research mantra for successful researcher**

WHO SHOULD ATTEND

- ❖ No prerequisite, (only interest) Participants should be open minded, and ready to take challenges.
- ❖ Teachers from AICTE approved Engineering (both degree and polytechnic) and Management institutions, and researchers from research organizations
- ❖ Students studying in UG / PG / PhD programs
- ❖ Professionals from Industry

REGISTRATION

The non-refundable registration fee is as follows:

Faculties from academic institutions	Rs. 3000/-	The registration fees includes kit, and study materials
PhD scholars	Rs. 1800/-	
Student [B.Tech/ M.Tech] Delegate	Rs. 500/-	
Industry delegate	Rs. 4000/-	

The registration fee should be paid in the form of D D in favor of **“Director, SVNIT, Surat”**.

Last date for submitting Completed Registration form with fees: January 22, 2018

All the registered candidates, who will attend complete course, only would be given the participation certificates.

RESOURCE PERSONS

Experts will be from reputed institutes such as NITs and from esteemed organizations.

IMPORTANT INSTRUCTIONS

- ❖ **Number of Seats is limited (Only 20).** Last date to confirm the participation through e-mail is **January 23, 2018. Confirmation of participation will be done through email only.**
- ❖ Travel and accommodation expenses have to be borne by participants themselves. Limited accommodation for outstation participants may be provided in institute Hostel/Guest House on prior request and payment basis.
- ❖ Students of all categories also have to submit completely filled registration form signed by Head of the Department/Institute.

ABOUT SURAT CITY

Surat is situated on the main western railway route 265 km from Mumbai. Surat is an industrial city of the country with clean wide roads. It is well known worldwide for Textiles, Zari and Diamond industries. The institute is located at Ichchanath on Surat-Dumas road at a distance of about 9 km from Surat railway station. Being costal city and on the bank of river Tapti, weather is good round the year and it is excellent in the month of November with 12-16 °C minimum and 24-30 °C maximum temperature with average humidity.

One week STTP On “TOOLS FOR LIFE LONG RESEARCH (TFLLR-I 2018)” January 27-31, 2018

(Write complete form in **block letters only**)

Full Name:.....

.....
Designation: Student/Faculty/Industry/Organization

Affiliation with Addresses

.....
Male/Female Last Qualification:

Contact Number: (O).....

(M).....

E-mail:

Registration Fees: Rs. Only)

DD No: Dated:

Accommodation

YES / NO

Signature of the Participants

Endorsement of Head of Institute with seal

Kindly send the Completed Registration form to:

Dr. Kale Ganesh D./Dr. Doshi Ashish V./Dr. Bade Mukund H.

Coordinators (TFLLR 2018)

Civil and Mechanical Engineering Department

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