

One-week short term training
programme (STTP) On
“Fundamentals of MATLAB
Programming for Research
(FMPR 2026)”

Faculty Coordinators
Dr. Ganesh D. Kale
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Department of Civil Engineering
and Mechanical Engineering



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 Eleven UG programs, Twenty-one 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 Engineering 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 seven PG programs (Environmental Engineering, Urban Planning, Water Resources Engineering and Transportation Engineering and Planning etc.) 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 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 Ichchhanath 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.

ABOUT THE PROGRAMME

One-week STTP on “**Fundamentals of MATLAB Programming for Research (FMPR-2026)**” is scheduled to be held during **May 11-15, 2026**. The main objective of this programme is to promote research tools and motivate researchers of the country. The challenges in research are a lot: starting from making ourselves prepared with various tools and techniques required to carry research. In this programme, we are mainly focusing on **fundamentals of MATLAB programming for research in Engineering and Science**, which are, must for any researcher. The outcome of this program would be to prepare aspirants of research in all fields 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.**

TOPICS TO BE COVERED

❖ Introduction- Scope and Overview of the Program:

- Introduction of MATLAB Programming
- Script files and Function files
- Arrays handling
- Conditional Programming
- User defined and inbuilt functions
- Symbolic Maths
- Data Visualization
- Curve Fitting and Interpolation

WHO SHOULD ATTEND?

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

REGISTRATION FEE

The non-refundable registration fee is as follows:

Faculty member from academic institutions	Rs. 4000/-	The registration fees include kit and refreshment.
PhD scholars	Rs. 2000/-	
Student [B. Tech/ M.Tech]	Rs. 1000/-	
Industry delegate	Rs. 5000/-	

The registration fee should be paid only by **ONLINE TRANSFER** to the following account:

Account Holder Name: Director, SVNIT-CCE

Account No.: 37030749143

Bank Name: State Bank of India

IFSC: SBIN0003320

Branch Name: SVRCET, Ichchhanath, Surat- 395007, Gujarat.



IMPORTANT DATES

Last date of registration: **10th May 2026**,
Confirmation email: **10th May 2026**,
STTP Date: **11-15th May 2026**.

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

REGISTRATION LINK

<https://forms.gle/H8fhDJcm7Zs7suKQ9>

VENUE OF THE PROGRAM

Institute Guest House, SVNIT Surat Campus

CONTACT DETAILS

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Ichchhanath Dumas Road, Surat, Gujarat
395007.

RESOURCE PERSONS

Experts will be from esteemed organizations such as NITs.

IMPORTANT INSTRUCTIONS

- ❖ **Mode of STTP:** Hybrid mode (Physical/Online)
- ❖ **Number of Seats is limited.** Last date to confirm the participation through e-mail is **May 10, 2026**. **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 Guest House on prior request and payment basis.
- ❖ Participants of all categories have to fill the Google registration form for providing requisite information.