

About the Institute

The Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is spread over 100 hectares of land on the Surat-Dumas Road. The Institute established in 1961 in the State of Gujarat as one of the Regional Engineering Colleges, became National Institute of Technology (NIT) with the status of 'Deemed University' on 4th October, 2002. Institute offers Seven Under Graduate programs, Twenty-One Post Graduate Programs, 5 -Year Integrated M.Sc. Programs in Chemistry, Mathematics, and Physics, along with a full-time/part-time Ph.D. Programs in all the disciplines of Engineering, Science, Management, and English. Apart from that, M.Tech. (Research) programs are offered to practicing engineers and working professional in companies or laboratories of national repute. The institute has well-established Central Learning resource centers like Central library, Central Computer Centre, Centre for Continuing Education and Physical Education Section. The institute has an excellent placement record. There is a constant process of upgradation and innovativeness in the academics which has resulted in bagging prestigious industrial and consultancy projects in the recent past. Special attention is given to interdisciplinary researches.

About the Department

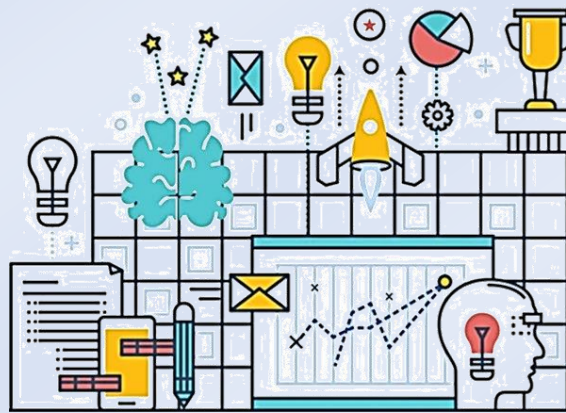
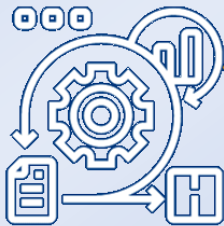
The Department of Mechanical Engineering came into existence in the year 1961. The department has 55 qualified and dedicated faculty members with the specialization in various areas. The department is conducting one UG programs (Mechanical Engineering), five PG programs (Mechanical Engineering, Turbo Machines, CAD/CAM, Thermal System Design and Manufacturing Engineering) and a research program leading to Ph.D. degree in almost all major specialization of Mechanical Engineering.

Contact Us

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6th Short Term Training Program (STTP)

On

Research Methodology: Tools and Techniques

May 27-31, 2024

(Online Mode)



Coordinators:

Dr. Ravi Kant
Dr. Dinesh Singh

Dr. Pallvita Yadav
Dr. Krishna Kishore M

Organized by

Department of Mechanical Engineering,
Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat

About STTP

The 6th one-week short-term training program on ‘**Research Methodology: Tools and Techniques**’ will be held from **May 27 – 31, 2024**. Several research studies have been undertaken and accomplished year after year. However, in most cases, very little attention is paid to a critical dimension related to research, namely, research methodology. Research Methodology is a way to determine the result of a given problem on a specific matter or problem referred to as research. The researcher uses different criteria for solving/searching the given research problem. Other sources use various methods to solve the problem. Therefore, there is a need for those concerned with research to pay due attention to designing and adhering to the appropriate methodology throughout to improve the quality of research. Further, during the course, special sessions will be conducted on funding opportunities for faculty and researchers regarding the project and travel grants.

STTP Objectives and Content

This interdisciplinary program is essential for enhancing the vision of faculty members, research scholars, and industry members by exposing them to contemporary research methodology and providing an opportunity to present the problems related to the method they are facing in their current work. The research scholar/faculty members need to know about the methodological requirements of research before selecting the research problem. The course covers following topics (but not limited to)

- Introduction to Research Process and Research Methods,
- Sampling Design and Sampling Fundamentals,
- Research Problem and Research Design,
- Data Analysis Techniques
- Hypothesis Testing- Parametric and Non-Parametric
- Conducting the Literature Review to find a research problem
- Design of Experiments, Multi Criteria Decision Making
- Report writing, preparation of slides and presentation
- Writing The Research Paper and Reviewer Compliance
- Time and Stress Management
- Funding opportunities for UG/PG/PhD students to travel abroad
- Funding opportunities for Faculty and Researchers
- Project Proposal preparation



Course faculty

Eminent speakers from foreign universities, IITs/NITs, and other reputed institutes will deliver the lecture to provide vast revelation and knowledge enhancement.

Eligibility

The training program is open to teachers and research scholars of various disciplines of engineering, management, polytechnic, pharmacy, sciences, and social sciences.

Registration and General Information

Interested applicants may fill the application through the Google Form link:

<https://forms.gle/GyG2mooWVsfqsskJ6>

Limited seats (**Maximum 60**) are available in this course. **The admission will be offered through first come first serve basis.** The confirmation will be done immediately after the receiving of application through google form. **The last date of applying to this course is May 20, 2024.**

Registration Fee

The registration fees for the program is as given below:

Academicians / Scientist / Researchers	1000 + 18% GST = 1180/-
Students: Degree/PG/Ph.D./Science/Diploma/ITI	650 + 18% GST = 767/-
Practicing engineers / Professionals	2500 + 18% GST = 2950/-

The non-refundable registration fees should be paid only by online transfer in account of:

“**Director SVNIT-CCE**”

A/C No: **37030749143**,

State Bank of India (SBI),

SVCET Branch Surat (Code: 03320)

IFSC: SBIN0003320

Alternatively, fee can be paid by scanning the QR code displayed.



The payment receipt will be required for submitting the application through google form. The confirmation to the selected applicant will be intimated within 2 days after due date.