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, full-time as well as part-time Ph.D. and 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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7th Short Term Training Program (STTP)
On

Research Methodology: Tools and Techniques

7th – 11th Oct 2024

(Online Mode)

Coordinators:

Dr. Ravi Kant   Dr. Pallvita Yadav
Dr. Dinesh Singh   Dr. Krishna Kishore M

Organized by

Department of Mechanical Engineering,

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat

About STTP

The 7th one-week short term training program on **'Research Methodology: Tools and Techniques'** is scheduled to be held during **Oct 7-11, 2024**. These days' individuals talk of research, both in academic institutions, research organization and industries. There are several research studies undertaken and accomplished year-after-year. But in most cases very little attention is paid to an important dimension related to research, namely, that of research methodology. Research Methodology is a way to find out the result of a given problem on a specific matter or problem that is also referred as research problem. The researcher uses different criteria for solving/searching the given research problem. The different sources use different type of methods for solving the problem. The need, therefore, is for those concerned with research to pay due attention to designing and adhering to the appropriate methodology throughout for improving the quality of research. Further special sessions will be conducted in Funding opportunities for UG/PG/PhD students to travel abroad, Funding opportunities for Faculty and Researchers, Project Proposal preparation, Lab to product etc.

STTP Objectives and Content

This programme is essential for enhancing the vision of faculty members by exposing them to contemporary research methodology and an opportunity to researchers to present the problems related to the methodology faced by them in their current work. It is essential for the research scholar/faculty members to know about the methodological requirements of research before selection of the research problem.

- 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

The eminent speakers from Foreign universities, IITs/NITs and other reputed Institutes will be invited for vast revelation and knowledge enhancement.

Eligibility

The training program is open to various disciplines of engineering, management and polytechnic college teachers and research scholars. Teachers and research scholar with Mathematics and Science background form engineering, management and polytechnic colleges can also apply. The people from industry can also attend this course.

Registration and General Information

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

https://forms.gle/2QgQtfh1enbVq1bT6

Limited seats (**Maximum 60**) are available in this course. **The admission will be offered through fist 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 Oct 02, 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),
SVRCET 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.