One week short term training program “Trends in Mechanical Design and Development” is scheduled to be held during December, 14 - 18, 2020. The aim of the program provide a platform in which participants get knowledge about the basics of Mechanical Design & its industrial applications. It will help to bridge the gap between theory and its real application in industry.

Objectives

The objective of this program is to train the faculty members, research scholars, young scientists, and post graduates students of various organizations. The objectives of workshop is to provide a platform for interaction and exchange of ideas in the field of mechanical design its industrial applications from national academic institutes, research laboratories, and relevant industries. This workshop involves invited lectures by distinguished experts from NIT’s, IIT’s, research organizations and reputed industries in the field of mechanical components design.
Topics to be Covered

- Fundamentals of Mechanical Design
- Design of Journal Bearings
- Design & Analysis of Mechanical Components
- Utility of Finite Element Method in Mechanical Design
- Vibration based Condition Monitoring of Industrial Machines
- Rolling Element Bearing Design and Analysis
- Failure Analysis in Design
- Innovations through Smart Material in Mechanical Design
- Industrial Design Process
- Industrial Case Studies

Eligibility

This program is an interdisciplinary in nature so faculty members, research scholars and PG students from all background of engineering, mathematics and basic sciences are eligible for this Short Term Training Program (STTP). Scientists who are working in the R&D organizations/ Industry persons can also attend this programme.

Selection

Since the numbers of seats are limited to 50, the selection will be made on first come first serve basis and intimation will be sent to the candidates by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.

Resource Persons

Distinguished experts from IITs, NITs and well known Industry will be invited for delivering lectures.

Organizing Committee

Patron
Prof. S. R. Gandhi
Director, SVNIT, Surat

Chairman
Prof. Shailendra Kumar
Head, Mechanical Engineering Department,
SVNIT, Surat

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Important Dates

- Last date of receipt of application: 10/12/2020
- Notification of confirmation (By Email): 12/12/2020

Registration Fee & Bank Details

Registration Fee:
- Rs. 300/- for student,
- Rs. 600/- for faculty and
- Rs. 5000/- for person from industry

The non-refundable registration fees should be paid only by ONLINE TRANSFER in account of:

“Director SVNIT TEQIP IRG”
A/C No: 0277101028663.
Bank: Canara Bank, Nanpura Br., Surat
IFSC: CNRB0000277

After Submission of fees the registration can be done using the following link:

https://forms.gle/ecgpprUkCqfWg79AA

Details of ONLINE platform will be provided to shortlisted candidates after completion of registration.