

**TEQIP – II Sponsored
Short Term Training Programme
On
New Trends in Industrial
Engineering
(NTIE 2017)**

23-27 January, 2017



**Coordinator
Dr. T. N. Desai & Dr. Ravi Kant**

Organized by

**Department of Mechanical Engineering
S.V. National Institute of
Technology, Surat**

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ABOUT SVNIT

Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat is one of the twenty National Institutes of Technology in India set up with the objective to provide high quality technical education to meet the needs of the Nation in the present competitive world.



The Institute campus is spread over 100 hectares of land on the Surat-Dumas Road and is located at a distance of about 10 km from Surat railway station

ABOUT SURAT

Surat, situated on the bank of river Tapti, is a top ranked industrial city of the country with a network of flyovers and clean wide roads.

Surat is well known worldwide for textiles, Zari and Diamond industries. Several large scale industries like RIL, ONGC, KRIBHCO, L&T, ESSAR NTPC, GAIL are located near the city. The city is situated on the main western railway route between Vadodara and Mumbai..

ABOUT THE DEPARTMENT

The department of Mechanical Engineering offers Under Graduate course in Mechanical Engineering and Post Graduate programs in Industrial Process Equipment Design, Turbomachines, CAD-CAM, Mechanical Engineering, Thermal System Design and Manufacturing Engineering.

The department also offers Ph.D. programmes to promote basic research activities in the above mentioned areas. The consulting services in diverse fields of Mechanical Engineering are carried out for local government, semi-government, non-government organizations, private firms etc. in the region with the support of well equipped laboratories and advanced computing facilities.

The Department has an opportunity to play a major role in providing the Engineers with good academic background. Departmental setup encourages students to take up various research assignments. Our students are proving to be better engineers not only in industries but also in the field of research. The students also carry out their projects at the leading industries which give them exposures to live industry problems/activities

SPEAKERS

Eminent speakers from Premier institutes, IIT, NIT, Industries, etc as well as research organizations will address sessions.

ELIGIBILITY

Faculty members from AICTE recognized institutes/Research scholars are eligible for this STTP. Participants must have Bachelor's degree in any discipline of Engineering. Maximum 30 participants will be registered for the course

REGISTRATION FEE

Participants from SVNIT are exempted from fee. Registration fee for the programme shall be Rs.1000 for research students, Rs.1500 for faculty from academic institution. Registration fee includes registration kit, course material and working lunch and dinner. Accommodation in institute hostels shall be provided to participants upon prior request on payment basis. The participants have to bear their own travelling expenses. Research scholars have to attach bonafide certificate or photocopy of their valid identity card along with registration form. The nonrefundable registration fees should be sent in the form of a Demand Draft in favour of "Director, SVNIT" payable at Surat

IMPORTANT DATES

The completed registration form may be sent as an e-mail & hard copy attachment to tushardesaisvnit@gmail.com or ravi792002@gmail.com on or before 20/01/2017. The registration form must contain the signature of the Head of the Institution with seal. The selected applicants will be intimated by e-mail and the list of selected candidates will be uploaded to institute website.

ABOUT THE STTP

Field of Industrial Engineering is very much significant for quality and productivity enhancement in the wake of present recessionary period for the industry. New Trends in Industrial Engineering and its associated management philosophies and techniques have tremendous importance under the present science and technology developments.

The main objectives of this program are described below:

- 1) To introduce and create the awareness among the participants (research scholars and faculties) to the fundamentals of New Trends in Industrial Engineering and management philosophies.

To illustrate the principles of New Trends in Industrial Engineering and Quality management through real life experiences by inviting industry professionals/ practitioners through their presented industrial case studies

COURSE CONTENTS

Total Quality Management (TQM)
Six Sigma
Lean Manufacturing
World Class Manufacturing
Kaizen
Quality Circles
Taguchi Method
Design of experiments
Lean Six Sigma
Quality improvement through Minitab Software
Quality improvement through SPSS Software
Poka-Yoke
SMED, Industrial Case Studies

REGISTRATION FORM

TEQIP (II) Sponsored
Short Term Training Programme (STTP)

On

New Trends in Industrial Engineering (NTIE-2017)
(23-27 January, 2017)

S. V. NATIONAL INSTITUTE OF TECHNOLOGY
SURAT - 395 007

Name:

Gender:

Qualifications:

Designation:

Organization:

Mailing Address:

Contact No: (O)
(M)

Email:

Accommodation Required:

DD No: Amount: Date: Sign:

Certificate

This is to certify that _____

is an employee of our institute and is permitted to attend the STTP on "New Trends in Industrial Engineering" to be held at SVNIT, Surat during 23-27 January, 2017.

Signature of authority with official seal