Registration Fees

Registration fee for STTP is Rs. 1000/- for research scholars/students, Rs. 1500/- for faculty members and Rs. 3000/- for industry personal and practicing engineers. The non-refundable registration fees shall be remitted in the form of Demand Draft drawn in favour of Director, SVNIT, Surat.

Registration fee includes tea/coffee, lunch, dinner and course materials. Participants are requested to make their own arrangement for travelling and accommodation in institute hostels or Guest house shall be provided to participants upon prior request on payment basis.

Contact Person

Dr. A. D. Parekh
Associate Professor,
S. V. National Institute of Technology
SURAT - 395 007 (Gujarat) India
Phone: 91-2612201965 (O);
Fax:92-261-2228394
Mob: 91-9408222303
Email: adp@med.svnit.ac.in
ad_parekh@yahoo.com

Registration Format

TEQIP-II Sponsored One Week Short Term Training Programme (STTP)

On

Basics And Developments In Refrigeration And Air Conditioning

(16th January to 20th January 2017)
S. V. National Institute of Technology,
Surat-395007, Gujarat.

Name :_____

Gender:_____

Qualification : _____

Designation : _____

Organisation : _____

Mailing Address :_____

Mobile No. : _____

Phone : (O) _____

E-mail Address : _____

Accommodation required : Yes / No

DD/Cheque No: _____ Amount:_____

Date: _____ Sign:_____

Certificate

This is to certify that

_____

_____

is a student/employee of our institute and is permitted to attend the STTP on "**Basics and Developments in Refrigeration and Air Conditioning**" to be held at SVNIT, Surat during 16th January to 20th January, 2017

Signature of authority
with official seal

Call For Participation

TEQIP-II SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME(STTP)

On

BASICS AND DEVELOPMENTS IN REFRIGERATION AND AIR CONDITIONING

16th to 20th January,2017

Coordinator

Dr. A. D. Parekh
Associate Professor
MED
SVNIT, Surat

Organized by

Department of Mechanical Engineering,
S. V. National Institute of Technology
SURAT - 395 007 (Gujarat) India
Website: www.svnit.ac.in

About the Institute

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 has ten departments offering six UG programs, fifteen postgraduate programs, three integrated M.Sc. programs and doctoral programs in various disciplines.

SVNIT is situated on Athwa-Dumas Road, Surat. The campus is opposite to the Ichchhanath Temple, piplod. The campus is spread over 250 hectares of lush green forest, which is midway between the Surat Domestic Airport and Surat Railway station, and is well connected by city buses and local trains. The campus is around 10 km from the Surat Railway station.

About the Department

The Department of Mechanical Engineering came into existence in the year 1961 along with the inception of the institute and enjoys the status of largest and the most versatile department of the Institute. The department offers one UG program (Mechanical Engineering), five PG programs (Mechanical Engineering, Turbo Machines, Thermal System Design, Manufacturing Engineering and CAD/CAM) and a research program leading to PhD degree including PhD programme under QIP. The department has more than forty faculty members and well established laboratories like Refrigeration and Air conditioning, Cryogenics, Turbo machines, I.C. Engines with computer controlled variable CR, Hydrogen engine and Reacting Gas Dynamics Laboratory to test various types of combustion chambers.

About the Training Program

The present training program is planned to disseminate basic knowledge, applications to various industries and contemporary research pertaining to refrigeration and air conditioning.

Topics to be covered but not limited to

- Next generation refrigerants
- Multistage/cascade refrigeration systems
- Nano fluid/ Nano Refriferants
- Application of nano fluid in the field of refrigeration
- CFD analysis of energy separations in Vortex tube refrigeration
- Two phase flow
- Boiling and condensing heat transfer coefficient
- Energy conservation and energy Audit
- Optimization techniques applied to thermal systems
- Cryogenics
- Air conditioning trends and system selections
- Health care air conditioning
- Cooling load calculation
- Psychrometry and various psychrometric processes
- VRF and multi joint system

Programme Resource Persons

The resource persons for the program shall include faculty from host institute, IITs, NITs and reputed institutes as well as experts from the industries.

Important Dates

Last date of registration: 2nd January, 2017

The completed registration form should be sent in a hard copy and MUST contain the signature and the seal of the Institution. The candidates can also send their signed and scanned registration form to the Co coordinator (Dr. A.D Parekh) through e-mail (adp@med.svnit.ac.in). The selected participants will be intimated by e-mail and list of selected candidates will be also uploaded to institute website on 3rd December-2017. Spot registration may be permitted in case of vacancies.

Eligibility

Faculty members from AICTE recognized institutes/Research Scholars pursuing PhD/M.Tech. Students/ industry personnel are eligible for this STTP. Participants should have Bachelor's degree/diploma in any discipline of Engineering. Since numbers of seats are limited to 30, the selection will be made on first cum first serve basis and intimation will be sent to candidates by email as per schedule. Certificates will be issued to the participants only after attending the complete course.