

Chief Patrons

Hon. Prof. M. N. Navale

Founder President, STES, Pune

Hon. Dr. (Mrs.) Sunanda M. Navale

Founder Secretary, STES, Pune

Hon. Mr. Rohit M. Navale

Vice President (HR), STES, Pune

Hon. Miss. Rachana M. Navale

Vice President (Admin), STES, Pune

Patrons

Dr. A. V. Deshpande, Director, STES

Prof. M. G. Bhat, Director (Engg) STES

Advisory Committee

Dr. S. D. Lokhande, Principal, SCOE

Dr. Y. P. Reddy, Vice-Principal and TEQIP-II Coordinator, SCOE

Dr. H. V. Vankudre Head, Department of Mechanical Engineering, SCOE

Dr. S. B. Wadkar, Nodal officer (Academics) TEQIP-II, SCOE

Dr. A. D. Jadhav, Nodal officer (Finance) TEQIP-II, SCOE

Coordinator

Prof. K. V. Mali

Department of Mechanical Engineering

Email: kvmali.scoe@sinhgad.edu,

Ph: +91-9689900884

Committee Members

Prof. V. N. Kapatkar

Prof. N. S. Gohel

Dr. A. B. KanasePatil

Prof. P. G. Patole

Prof. P. M. Khanwalkar

Prof. M. H. Attal

Prof. M. R. Dahake

REGISTRATION FEE:

Faculty from academic institutions Rs. 2500/-

Delegates from industry Rs. 3500/-

Research scholars/PG students Rs. 1500/-

The registration fee includes admission to all sessions, kit, proceeding (soft copy), Lunch and Snacks.

REGISTRATION:

Participants shall submit the duly filled application form either by post or email or in person to the Co-ordinator. Course fee should be paid by Cheque/DD/Cash in the name of **"The Principal, Sinhgad College of Engineering"** Payable at Pune

ACCOMODATION AND TRAVEL:

The external participants will be provided with paid accommodation in college campus, if they intimate the co-ordinator in advance either by email or telephone. No TA-DA will be given to the participants.

RESOURCE PERSONS:

Expert and Senior Faculty from industry and research institutes - DRDO, Thermax, TATA Motors, Toyo-Engg, Behr, Johnson Controls, Alfa Laval Pune.

MAILING ADDRESS

Prof. K. V. Mali

The Co-ordinator (AHET-2013),
Department of Mechanical Engineering,
Sinhgad College Of Engineering,
S. No. 44/1, Vadgaon (Bk.),
Off Sinhgad Road,
Pune-411 041
Email: ahet2013@gmail.com

Sinhgad Technical Education Society's

**SINHGAD COLLEGE OF
ENGINEERING, PUNE 411041**



Sinhgad Institutes

Department of Mechanical Engineering
organises

ONE WEEK FACULTY DEVELOPMENT
PROGRAMME

on

**ADVANCES IN HEAT
EXCHANGER TECHNOLOGY**

(AHET 2013)

8 - 12, APRIL 2013

Under

Technical Education Quality Improvement Programme

(TEQIP - II)

STES's

SINHGAD COLLEGE OF ENGINEERING

S. No. 44/1, Vadgaon (Bk),
Off Sinhgad Road, Pune- 411 041
(Maharashtra)

Telephone: 020-24354705, 24100231

Fax : 020-24357243

Email: principal.scoe@sinhgad.edu

ABOUT STES

Sinhgad Technical Education Society was set-up in August 1993 under the able and dynamic leadership of Prof. M. N. Navale with an objective of providing quality education in the fields of Dentistry, Engineering, Management, Computer, Pharmacy, Architecture, Hotel Management, Science, Commerce and the basic school education from kinder garden onwards. There are more than 80 institutes under the aegis of STES offering full-fledged school education, Diploma, Graduation, Post Graduation courses and Ph.D. programmes in various branches of Engineering, Science and Management at eight educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning.

ABOUT SCOE

Sinhgad College of Engineering (SCOE) was established in the year 1996 – 1997 offering degree courses in Information Technology, Computer, Electronics & Telecommunication, Mechanical, Chemical, Civil, Production Engineering, Biotechnology and MBA. All the above courses are approved by All India Council Of Technical Education (AICTE), accredited by National Board of Accreditation (NBA), New Delhi and affiliated to University of Pune. The Directorate of Technical Education (DTE), Maharashtra State, Mumbai has awarded “A” grade to the college. This Institute has been selected for participation in the second phase of Technical Education Quality Improvement Programme (TEQIP-II). SCOE is the youngest institute in Maharashtra to start Ph.D programmes.

LOCATION OF THE INSTITUTE

The society has about 75 acre campus at Vadgaon (Budruk), Pune. This expanse of land, which is at picturesque hill top looking over a scenic beauty of western part of Pune City and is pollution free. The institute is located at 8 km from Deccan Gymkhana (in Pune City) and approximately one km from Mumbai-Bangalore bypass high way at Sinhgad road. Bus No. 48 from Pune Station and Shivajinagar, Bus No. 54 from Swargate & Shaniwarwada and Bus No. 92 from Kothrud reach directly to the institute.

COURSE OBJECTIVES

Heat exchangers are widely used in mechanical, chemical, petrochemical industries for rectification, liquefaction and natural gas processing. They play a major role in the area of refrigeration and cryogenics. Inaccurate design of these exchangers is largely affected in their energy consumption as well as their cost. This FDP is aimed to introduce the new or latest approaches in heat exchanger design technology in order to cost reduction and energy saving. This will also help to bridge the gap between industry professionals and academicians in heat exchanger technology by adopting technology transfer. The introduction to the latest available software tools and numerical techniques will help the participants to reduce the exchanger design time.

COURSE CONTENTS

Heat Exchangers Fundamentals
Latest Developments in Heat exchanger Technology
Compact Heat exchangers
Microchannel Technology
Numerical Techniques in Heat exchangers Design
Heat exchangers for Industrial Refrigeration plants
Plate heat exchangers
Heat Exchanger Modeling and Simulation
Heat Pipe technology
Nano-fluids in Heat Exchangers
Laboratory Practice on HTRI
Industrial Visits

WHO CAN ATTEND

Faculty from AICTE approved Engineering colleges, Diploma colleges, Industry Professionals, Research scholars, Post graduate student in Engineering can participate.

REGISTRATION FORM

ADVANCES IN HEAT EXCHANGER
TECHNOLOGY
(AHET 2013)
ONE WEEK FACULTY DEVELOPMENT
PROGRAMME
"April, 8-12, 2013"

1. Name: _____
2. Designation: _____
3. Department: _____
4. Institute / Organization: _____

5. Address for Correspondence: _____

Phone: _____
Mobile No: _____
Email: _____
6. In Campus paid Accommodation needed-
YES / NO
7. Details of Registration Fee (DD must be drawn In
favour of “Principal, Sinhgad College of
Engineering”, payable at Pune
Amount: _____ DD No: _____
Bank name: _____

Date & Place:

Sign of Participant

Sign & Seal Sponsoring
Authority