

Sinhgad Technical Education Society's
SINHGAD INSTITUTE OF TECHNOLOGY
LONAVALA



Department of Mechanical Engineering
ORGANISES
3rd NATIONAL CONFERENCE

ON
**“INNOVATIONS IN MECHANICAL
ENGINEERING”**
JANUARY 9–10th, 2015



SINHGAD INSTITUTE OF TECHNOLOGY

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ABOUT STES

Sinhgad Technical Education Society (STES) was established in August 1993 under the dynamic leadership of Prof. M. N. Navale with an objective of providing quality education in the fields of Engineering, Management, Medical, Pharmacy, Architecture, Hotel Management, Science, Commerce and the basic school education. There are more than 117 institutes under the aegis of STES offering full-fledged school education, Diploma, Graduation, Post-Graduation and Ph.D. programs in various branches of Engineering, Science and Management at twelve educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning.

ABOUT SIT

Sinhgad Institute of Technology, established in 2004 is affiliated to Pune University, approved by AICTE. The vision of the college is to inculcate the spirit of high ambitions through value based technical education in the students. The college is located in Lonavala on Pune Mumbai Expressway. The institute is housed in beautiful surroundings, fully residential campus of 160 acres. The institute works on an activity plan and students feedback. Sinhgad Institute of Technology, one of the fastest growing engineering college in Maharashtra, offers under Graduate course in Department of Mechanical Engineering, Computer engineering, Information Technology, Electrical Engineering, Electronics and Telecommunication Engineering and Post Graduate Courses in Department of Mechanical Engineering, Electronics and Telecommunication Engineering, Computer Engineering, apart from MBA and MCA courses.

The Department of Mechanical Engineering started in the year 2004 with an intake of 60. Presently with an intake of 360 to UG course and 18 to PG course with experienced dedicated resource persons. The department has state-of-art laboratories to meet the demands of present day international scenario.

HOW TO REACH SIT

College is located in Lonavala which 4Km from railway station and 5Km from bus stand. It is at a distance of 70 Km from Pune and 75 Km from Mumbai, located on Mumbai- Pune expressway. It is very popular hill station in western part of Maharashtra. The atmosphere in Lonavala is quite pleasant to stay especially during rainy season. Also, nearby national airports are Mumbai and Pune.

Chief Patrons

Hon. Prof. M. N. Navale, Founder President, STES, Pune
Dr. (Mrs). S. M. Navale, Founder Secretary, STES, Pune
Mr. Rohit M. Navale, Vice-President (HR), STES, Pune
Ms. Rachana M. Navale, Vice-President (Admin), STES, Pune

Patron

Dr. M. S. Gaikwad

Principal, Sinhgad Institute of Technology, Lonavala.

Advisory Committee

Dr. R Venkata Rao, SVNIT, Surat
Dr. D. N. Malkhede, COE, Pune
Dr. Karuna Jain, NITIE, Mumbai
Dr. J. G. Suryawanshi, VNIT, Nagpur
Dr. Balasubramanian K, DIAT, Pune
Dr. J. S. Bagi, KIT, Kolhapur
Dr. C. D. Lokhande, Shivaji University, Kolhapur
Dr. S. S. Inamdar, iMEET, Mumbai
Dr. Paul Joseph, NIT, Calicut
Dr. S. A. Khan, PACOE, Mangalore
Dr. A. V. Kale, YCC, Nagpur

Convener

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Department of Mechanical Engineering.

Organizing Secretary

Mr. M. S. Rohokale (+91-9922431616)

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HOD, Mechanical Engineering

Coordinators

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Mr. V. M. Ugare (+91-9096416419)

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Organizing committee

| | |
|---------------------|--------------------|
| Mr. P. D. Kulkarni, | Mr. N. V. Lakal |
| Mr. S. R. Meshram | Mr. N. S. Hirulkar |
| Mr. H. S. Keesari | Mr. P. A. Pasode |
| Mr. A. C. Lokhande | Mr. V. V. Gaikwad |
| Mr. M. W. Balwankar | |

ABOUT NATIONAL CONFERENCE

The conference will unit professional engineers and renowned experts from research organizations, academic institutions and industries, to share knowledge and expertise in the field of mechanical engineering education & research. The conference focuses on fundamental research related to design and advances in Mechanical Engineering. This comes at an appropriate time when the whole world is moving towards innovation. The conference aims at providing a forum for engineers and researchers to exchange ideas and present their latest work on all aspects of Mechanical Engineering. The conference will include plenary lectures delivered by eminent personalities.

CONFERENCE THEME

Potential themes to be addressed in this conference include:

A) THERMAL:

- Internal Combustion Engines
- Computational methods in Thermal Engineering
- Refrigeration and Air conditioning
- Heat and Mass Transfer
- Computational Fluid Dynamics
- Thermal Power and Heat transfer
- Renewable and Non-Conventional Energy Sources
- Alternative Fuels.

B) DESIGN:

- Modeling and Simulation of Systems and Processes
- CAD/CAM/CIM/FEM
- Optimization Techniques
- Automation and Robotics

C) PRODUCTION AND MANUFACTURING:

- Supply Chain Management
- Nano-Material and Manufacturing
- Composites/Ceramics/Polymers
- Foundry/ Castings/ Welding/ Corrosion
- Advanced Manufacturing Processes

CALL FOR PAPERS:

Original and unpublished research papers are invited for presentation in this conference. Full-length papers are to be submitted on A4 size paper with margins of 30mm at bottom, 20mm on all other sides. The paper should be limited to 6 pages typed in single spacing with one columns using 'TIMES NEW ROMAN' font having main text size 12 points and heading 14 points. Each paper should contain abstract limited to a maximum of 300 words. Authors are requested to mail soft copy of paper to ncime.sit@gmail.com

Note: Best quality papers will be published in International Journal of Advances in Engineering Science.

REGISTRATION FEE PARTICULARS

| | |
|--------------------------------------|-----------|
| Research scholars/PG students | Rs 1000/- |
| Delegates from academic institutions | Rs 1200/- |
| Delegates from industries | Rs 1500/- |

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

ACCOMMODATION AND TRAVEL

External participants will be provided lodging and boarding at nominal rate provided they should intimate the coordinators about it or must be mentioned in registration form. Limited accommodation facility is available in college campus guest house which will be provided on the first come first serve basis.

IMPORTANT DATES

Call for paper: 15th December, 2014

Acceptance of paper: 20th December, 2014

Completed registration form along with registration fees in prescribed format must reach event coordinator on or before **27th December 2014**. DD in favour of Principal, Sinhgad Institute of Technology, payable at Pune. Advance copy of registration form must be sent via email on below mentioned mail address.

ncime.sit@gmail.com

Candidates will be confirmed only after the receipt of registration fee. Confirmation list will be communicated through mail on **29th December 2014**.

MAILING ADDRESS

To,
The Convener,
NCIME-2015,
Mechanical Engineering Department,
Sinhgad Institute of Technology, STES Campus,
Gat No 309/310, Near Mumbai-Pune Expressway,
Kusgaon (Bk), Lonavala-410401,
Maharashtra State.

REGISTRATION FORM 3rd NATIONAL CONFERENCE ON

“Innovations in Mechanical Engineering”

‘JANUARY 9-10th, 2015’

1. Name: _____
2. Designation : _____
3. Department : _____
4. Institute / Organization: _____
5. Address for Correspondence: _____

Phone: _____ Mobile No: _____

Email: _____

6. Accommodation needed: YES / NO
7. Details of Registration Fee (DD must be drawn In favour of Principal, Sinhgad Institute of Technology, Lonavala, payable at Pune)

Amount: _____ DD No: _____

Bank name _____

Date & Place:

Sign of Participant Sign & Seal of Sponsoring Authority