

International Conference on Mechanical, Electronic Systems and Computer Engineering

(MESCoE - 2017)

M. E. S. College of Engineering, Pune
(Accredited by NAAC with 'A' Grade)

29th - 30th June 2017



ABOUT THE COLLEGE

Modern Education Society is established in 1932 with the motto :
"For the Spread of Light"

M.E.S. College of Engineering, Pune is established in 1999 and situated in the heart of Pune city, offers engineering under graduate and post graduate courses in Mechanical, E&TC and Computer Engineering and is affiliated to Savitribai Phule Pune University, accredited by NAAC with 'A' Grade. The college is developing fast with the vision "To Develop Motivated, Environment friendly, Self esteemed, Creative and Oriented Engineers" and the mission "To develop industry oriented manpower to accept the challenges of globalization by promoting value Education through motivated trained faculty by maintaining conducive environment with affordable cost by promoting industry institute interaction by involving Alumni".

ABOUT THE CONFERENCE

The aim of the conference is to provide the platform for Students, Engineers, Researchers and Scientists to share their knowledge and ideas in the recent trends in the field of Mechanical Engineering, Electronics Systems, Computer Engineering and Engineering Sciences.

MESCoE-2017 will provide an excellent international forum for sharing knowledge and results in Mechanical Engineering, Electronics Systems, Computer Engineering and Engineering Sciences. The aim of the Conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet the cutting-edge development in the field.

- The Proceeding will be archived in Digital Library.
- Each Paper will be assigned Digital Object Identifier (DOI) from CROSSREF.

•The Proceeding will be submitted to EI Compendex, ISI Thomson Reuters (CPCI) and Scopus for review and indexing.

Location:

MESCOE is located at the heart of the pune city having all means of transportation available nearby

Railyway Station - 1 Km.

Airport - 11.8 Km

ADDRESS : M. E. S. COLLEGE OF ENGINEERING, PUNE

19, Late Prin. V. K. Joag Path, Wadia College Campus, Pune-411001

Research Papers are invited in following area's (But not limited to)

Computer Engineering

- Mobile Communication and Networks
- Intelligent Communication Systems
- Wireless Sensor Networking
- GPS & Applications
- Information and Coding Techniques
- Signal Processing
- Biomedical Signal/Image Processing
- Image and Pattern Recognition
- Computer Vision, Biometrics
- Audio and Video Processing
- Video Surveillance and Scene Analysis
- Cryptography and Network Security
- Image and Video Security Graphics, Animation & Virtual Reality
- Cloud Computing
- Data Mining
- VLSI and Embedded Systems
- Embedded Network
- Intelligent Control, Adaptive and Robust Control, Sliding Mode Control
- Fuzzy Systems/Neural Network
- Robotics and Automation
- Big Data (Hadoop)
- Internet of Things (IoT)
- Six-Sigma

Electronics & Telecommunication Engineering

- Embedded systems
- VLSI
- Wireless Communication and Antennas
- Wireless sensor network
- Biomedical Signal Processing and Signal Processing applications
- Image processing and pattern recognition
- Robotics and automation control
- Mechatronics and automotive
- Mobile Communication and Networking
- Soft Computing
- Computer vision/ Machine Vision
- Nano technology and Nano materials
- Renewable energy sources
- Mathematical modeling and optimization techniques
- Super Capacitors
- Six-Sigma/ Taguchi Techniques/ Advanced Inventory Techniques
- Challenges of global Warming and Human Factors
- Artificial Intelligence
- Nural Networks

Mechanical Engineering

- Recent trends in Refrigeration & HVAC
- Advanced heat transfer
- Computational fluid dynamics
- Alternate fuels & renewable energy
- Fluid Mechanics
- Recent trends in automobiles & I.C.engines
- Fracture mechanics
- Tribology in design
- Design of material handling equipment's
- Acoustic & Vibration
- Mechanism analysis & synthesis
- CAD/CAM/CAE & Robotics
- Finite element analysis
- Nano technology
- Mechatronics
- Advances in manufacturing technology
- Six sigma / Taguchi technique / Advanced inventory technique
- Environmental engineering & energy resources
- Quality & Reliability Engineering
- Reverse Engineering
- Dynamic Mechanical Analysis, Optimization and Control
- Flexible Manufacturing Technology & System

Engineering Sciences

- Biomaterials
- Biomimetic Chemistry
- Energy Materials
- Porous Materials
- Fine Ceramics
- Foundry,Magnetics
- Graphene and Carbon
- Nanomaterials / Nanodevices
- Optoelectronic Materials
- Polymers
- Composite Materials
- Soft Matter Materials
- Environmental Materials
- Crystalline Solids
- Semiconductors, Superconductors
- Metallurgy,Welding and Joining
- Oxidation and Corrosion
- Surface and Interface Science
- Advanced Technologies / Materials
- Quantum Science and Technology
- Mathematical Modelling
- Mathematical Analysis
- Applications of Advance Mathematics and Other Related Topics

Best Paper Award

One research paper will be selected for Best Paper Award on the recommendation of the judges from each theme.

For more Details

For paper submission format and other details, visit us at : www.icmescoe.com

For any queries contact : Dr. S. H. Gawande, Organising Secretary, Mo.:9922846702

Email:shgawande@mescoepune.org

Accommodation

Accommodation can be arranged at College Guest House and Hostels at nominal charges on first come first serve basis. Hotel accommodation can be made available for interested delegates on their request. Travelling and lodging are to be borne by delegates.



IMPORTANT DATES:

You can submit the paper for review process in this round. The Paper must be in the format specified on the Conference website.

ABSTRACT/ FULL PAPER SUBMISSION	10/04/2017
PAPER NOTIFICATION	01/05/2017
CAMERA READY COPY / PAPER REGISTRATION	01/06/2017

REGISTRATION (Registration Fee Includes: Participation in the technical program, Lunch, Banquet, Badge, Conference Accessories, CD of Proceedings, Coffee breaks, Welcome reception)

Step 1 - Registration Fee

It is mandatory for at least one author of an accepted paper to register in order for the paper to appear in the proceedings and included in the Technical Program. If an author has got more than one accepted papers, there will be discount on additional papers registration. Fee includes listing the papers in the Atlantis press proceedings series (Advances in Engineering Research (ISSN 2332-3411)), or International Journal of Control Theory and Applications (ICAT) (ISSN: 0974-3572).

	EARLY BIRD ROUND (On or before 10/04/2017)	LATE ROUND (On or before 01/06/2017)
Research PG Student	USD1200 OR INR 80000	USD1000 OR INR 60000
Academician	USD2250 OR INR 150000	USD1000 OR INR 60000
Industry Professional	USD2000 OR INR 140000	USD1000 OR INR 60000
Additional Paper(s)	USD1000 OR INR 60000	USD1500 OR INR 70000
Co-Author	USD750 OR INR 25000	USD750 OR INR 25000
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Additional Page charges USD 50 OR INR 6000 For each page exceeding the limit [limit is 6 pages]. To make payment of accepted articles visit www.icmescoe.com

Step 2 - Copyright Transfer

All authors have to sign (for the individual paper) Copyright Transfer Agreement Form, which is in PDF format.

Step 3 - Camera Ready Paper submission

All the paper must adhere to guidelines given by organizer and must be submitted as Microsoft word DOC or DOCX format.

Step 4 - Registration

Send scanned copy of your completed registration form, copyright agreement form along with the scanned copy of the proof of payments to Track.

Submission Guidelines

Paper should be in the format strictly specified on the conference website. Only the selected papers will get the intimation who will be accepted for publication. Kindly do not submit the paper multiple times, it may lead to cancellation of an article/paper.

Track No. 1 Innovative Practices in Mechanical Engineering

Submit your Article/Review/Research Paper to mechanical@icmescoe.com

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