

INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL, PRODUCTION & INDUSTRIAL ENGINEERING



Organized by
DEPARTMENT OF
MECHANICAL ENGINEERING

AMPIE'18

14th & 15th

February 2018

Wednesday & Thursday

@

Mahatma Gandhi
Auditorium



MAHENDRA

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

MAHENDRAPURI CAMPUS



Taylor & Francis

www.ampie18.dream360.in

ABOUT THE INSTITUTION

With the Noble aspiration of educating the under privileged in the Society, Mahendra Educational Trust was started in the year 1978 by the distinguished educationalist and philanthropist **Shri. M.G.Bharath Kumar**. The trust sprouts Eighteen Educational Institutions. Mahendra Institute of Engineering and Technology was instigated in the year 2009 by the Mahendra Educational Trust. It is approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to the Anna University, Chennai.

ABOUT AMPIE'18

The International Conference on Advances in Mechanical, production and industrial Engineering (AMPIE18) will be held in Mallasamudram, Tamilnadu, India. During Feb 13-14, of 2018. This Conference will bring together leaders from Industry and Academics to exchange and share their experiences, present research results, explore collaborations and to spark new ideas, with the aim of developing new projects and exploiting new technology in this filed. We look forward to welcome all of you for the conference.

CALL FOR PAPERS

THE TOPICS OF INTEREST INCLUDE BUT ARE NOT LIMITED TO :

MECHANICAL ENGINEERING AND TECHNOLOGY

- Acoustics and Noise Control
- Advanced and Digital Manufacturing
- Advanced Energy Systems
- Advanced Materials
- Aerospace Engineering
- Applied Mechanics
- Automation, Mechatronics and Robotics
- Automotive Systems
- Composite and Smart Materials
- Compressible Flows
- Computational Mechanics
- Dynamical Systems
- Dynamics and Vibration
- Energy Engineering and Management
- Engineering Materials
- Engineering Systems Design and Analysis
- Fluid Mechanics and Machinery
- Heat and Mass Transfer
- Instrumentation and Control
- Internal Combustion Engines
- Manufacturing and Production Processes
- Material Science and Processing
- MEMS
- Micro and Nanostructured surfaces
- New and Renewable Energy
- Thermal engineering
- Pollution and Environmental Engineering
- Precision mechanics, mechatronics

MANUFACTURING AND INDUSTRIAL ENGINEERING

- Advanced manufacturing
- Automation and robotics
- CAD/CAM
- Casting and solidification

- Design and innovation
- Facilities Planning and Management
- Human Factors And Ergonomics
- Lean And Six Sigma
- Logistics Management
- Machinery And Machine Design
- Manufacturing And Design
- Materials And Alloys
- Materials Forming & Processing
- Modeling And Simulation
- Nano Composite Materials
- Non-Destructive Testing
- Operations Management
- Plant And Maintenance Engineering
- Production Planning And Management
- Project Management
- Quality Control And Management
- Reliability And Maintenance
- Sensors And Sensing Systems
- Total Quality Management
- Production Technology
- Robotics, Automation And Control
- Composite Materials
- Engineering Materials & Metallurgy

CIVIL

- Earthquake resisting methods and techniques.
- Green concrete
- Modern Transportation System
- Nano Materials in Civil Engineering
- Recent Developments in Civil Engineering
- Architecture, Design & Planning
- Computing in Civil Engineering
- Civil and Structural Engineering
- Civil and Environmental Engineering
- Civil Engineering Design

EEE

- Analogue and Digital Signal Processing
- Electro technologies
- Electromagnetic compatibility High Voltage and Insulation Technology
- Intelligent control systems
- Materials for Electrotechnics
- Measuring Technology and Instruments
- Nuclear Energy
- Power Electronics and Power Drives
- Power Optimization
- Power System and its Automation

ECE

- 3D Computer Vision Systems and Applications.
- 3D Scene or Model Reconstruction from Time-of-Flight Cameras.
- 3D Image Processing and Scene Analysis.
- Ad-hoc and Sensor Networks.
- Ambient Intelligence.
- Biomedical Applications in Molecular, Structural, and Function Imaging.
- Optical Networks.
- PACS and Imaging Informatics.
- Ultrasonic Communications.

AERONAUTICAL

- Aerodynamics
- Aero-acoustics
- Modeling and Design of Aero-Engines and Aero Engine Fans
- Aero- engine combustors
- Aero heating
- Numerical investigations in aerodynamics
- Projectile aerodynamics
- Aero-elastic modeling

AWARDS AND RECOGNITIONS

- Best Technical Paper Award
- Best Oral Presentation Award
- Best Poster Presentation Award

SUBMISSION OF PAPERS

The full paper will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, and relevance to conference. The accepted full paper will be published in conference proceedings. Prospective authors are invited to submit full text papers including results, tables, figures and references in Times New Roman with line spacing 1.5. Full text paper will be accepted only by electronic submission as word document. Selected papers shall be considered for publication in International Journal of science citation Index Expanded (Annexure-I).

Kindly sent the papers to the mail - ID :

For Mechanical : ampiemech18@gmail.com

For Aeronautical : ampieaero18@gmail.com

For Civil : ampiecivil18@gmail.com

For ECE : ampiece18@gmail.com

For EEE : ampieeee18@gmail.com

For Query & Suggestion : mechampie18@gmail.com

REGISTRATION FEE

PG Students	₹2,000 + (₹4,000 - Annexure)
UG Students	₹2,000 + (₹4,000 - Annexure)
Research Scholar	₹2,000 + (₹5,000 - Annexure)
Academic / Industrialist	₹2,000 + (₹5,000 - Annexure)
Other Country	\$200 USD

POINTS TO PONDER

- ◆ The contents of the paper can be 5 to 8 pages.
- ◆ The publication of selected papers is possible only when there is no plagiarism. Kindly check and ensure this before submitting the papers.
- ◆ Consequent to publication, when any plagiarism issues are raised by the journals, only the authors are responsible.
- ◆ For publication in Annexure - I journals the authors should comply with correct usage of English phrases by proper scrutiny alone by language experts.
- ◆ Publication charges are to be paid separately which depends on the individual journal.
- ◆ Only papers with, high quality and rich content value, will be considered for priority publishing in Annexure-I. In case the paper is not selected for Annexure-I Journals, it will be definitely published in UGC approved journals.

IMPORTANT DATES

CONFERENCE DATE	PAPER SUBMISSION LAST DATE	INTIMATION OF ACCEPTANCE	CAMERA READY PAPER
14th	30th	15th	30th
FEBRUARY 2018, WEDNESDAY	OCTOBER 2017, MONDAY	NOVEMBER 2017, WEDNESDAY	DECEMBER 2017, SATURDAY

FOR AUTHORS

The paper should include authors and co-author's names with affiliation and mailing address of each author including e-mail id. All selected papers will be in our website.

PUBLICATION DETAILS

- All selected conference paper will be published in book of abstracts.
- Selected peer reviewed papers will be suggested for publication in suitable journals of which some are listed below.
- ◆ *Publication of Journal of Materials and Manufacturing Processes* ISSN 1042-6914. (Annexure-I, SCI Journal, Taylor & Francis).
- ◆ *Journal of Engineering Design (JED)* ISSN: 1726-0531. (Annexure-I, special Issue SCI Journal, Taylor & Francis).
- ◆ *Journal of Mechanical Science and Technology (JMST)* ISSN: 1976-3824. (Annexure-I, SCI Journal, Springer).
- ◆ *Journal of Optimization- Hindawi publications*
- ◆ *Publication in Internal Journal of Research in Mechanical Engineering,-ISSN Online 2349-3860.*
- ◆ *Publication in Journal of International Journal of Science and Research- ISSN Online 2319-7064.*
- ◆ *Asian Journal of Research in Social Sciences and Humanities (AJRSH)* ISSN: 2249-7315.
- ◆ *International Journals of Research Review in Engineering and Management(IJRREM)* ISSN 2278-6643.
- ◆ *Journal of Metallurgy and Materials Science (JMMS)* ISSN: 2278-2524.
- ◆ *Journal of Global Engineering Problems and Solutions (JGLEPS)* ISSN 1933 - 1703.
- ◆ *International journal of Advanced Materials Manufacturing & Characterization (IJAMMC)* (ISSN 2277-3886)
- ◆ *Indian Journal of Scientific Research (IJSR)* ISSN:2250-0138.
- ◆ *The International Journal of Engineering and Science (The IJES)* ISSN: 2319 - 1813.
- ◆ *International Journal of Advanced Science and Engineering (IJASE)* (An official journal of Mahendra Publications) ISSN 2349-5359.

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Payable at **Mallasamudram**

Note: Journal publication charge will be collected separately based on journals

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