

CMR College of Engineering & Technology



First International Conference

on

“Advances in Mechanical Engineering”

(ICAME-2018)

(21st & 22nd December, 2018)

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Organized by



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Department of Mechanical Engineering

CMR College of Engineering & Technology

(UGC Autonomous)

Affiliated to JNTU Hyderabad

Kandlakoya, Medchal Road, Hyderabad - 501 401, T.S.

ABOUT THE INSTITUTION

CMR College of Engineering and Technology sponsored by MGR Educational Society, an educational Society started by a group of industrialists, businessmen and professionals for promoting professional education, has started functioning from the academic year 2002-2003 with the approval of AICTE and Govt. of A.P. and all the courses are affiliated to JNTU, Hyderabad. The institute is running with a missionary zeal to develop the Institute as 'Centre of Excellence' and to train human resources to international standards in the area of Engineering & Technology.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been existing since 2003 and currently offering regular full time programmes B.Tech. in Mechanical Engineering with an intake of 120 students. The department is well equipped with good infrastructure, laboratories and a CAD/CAM interacted laboratory. The department has well qualified, experienced and dedicated teaching faculty holding Ph.D and M.Tech degrees and has published a good number of research papers in National/International Journals and conferences of repute.

ABOUT GJSR

The "*Global Journal of Engineering Science and Researches*" (GJSR) is a peer-reviewed, monthly, online international refereed journal, which publishes original articles, research articles, review articles with top-level work from all areas of Engineering Research and their application including Mechanical, Civil, Electrical, Chemical, Electronics, Mathematics and Geological etc. Researchers in all technology and engineering fields are encouraged to contribute articles based on recent research. Journal publishes research articles and reviews within the whole field of Engineering Research and it will continue to provide information on the latest trends and developments in this ever-expanding subject. All articles after approval from reviewers shall be published on the Internet.

ABOUT THE CONFERENCE

The primary goal of the conference is to promote research and developmental activities in Mechanical Engineering and to promote scientific information exchange between researchers, developers, engineers, students, and practitioners working in India and abroad. The important areas are

THERMAL ENGINEERING

- Turbomachinery, Fluid Power Engineering
- Heat & Mass Transfer
- I.C. Engines and Alternative Fuels
- Thermal Design & Power Plant Engg.
- Computer aided Thermal & Fluid Flow analysis
- Non-conventional Energy Systems
- Cryogenics and Space Technology
- Refrigeration & Air conditioning

DESIGN AND ANALYSIS

- CAD, FEA, Multibody dynamics
- Robotics, Intelligent Systems, Virtual Reality
- Vibration and Condition Monitoring
- Creep, Fatigue, Fracture Mechanics
- Mechatronics, Roto Dynamics, Composite Materials
- Nanotechnology and its applications
- Design and Optimization
- Fracture Mechanics and Stress Analysis
- Modeling and Simulation

MANUFACTURING ENGINEERING

- CIM/FMS/Agile/Lean Manufacturing Systems
- Metal Cutting/ Casting/ Welding/ Forming processes
- Machine Tools, Unconventional & Micro Machining
- Mechanical Metallurgy and Computer simulation
- Rapid prototyping, Neural Networks, Genetic Algorithms
- Composite Materials and Smart Materials
- Tribology and Surface Engineering

INDUSTRIAL ENGINEERING

- Operations Research and Optimization Techniques
- TQM, Quality & Reliability Engineering & Six-sigma
- Logistics and Supply Chain Management, Inventory Control

ELIGIBILITY:

Faculty from Engineering colleges, Engineers from industry, Researchers from R&D institutions and PG students.

REGISTRATION FEE:

Foreign Members	50 USD
PG & Research Scholars	Rs. 1000/-
Faculty of Academic Institutions	Rs. 2000/
R & D Organization & Industry	Rs. 3000/

Registration fee includes kit and Working Lunch.

The Registration fee is payable by Demand Draft (DD) in Favor of "**PRINCIPAL, CMR College of Engineering & Technology**" payable at Medchal, Hyderabad-501401 and send to the Principal, CMR College of Engineering & Technology (Autonomous), Medchal, Hyderabad-501401. Telangana, INDIA

GUIDELINES FOR SUBMISSION OF FULL PAPER:

Original research papers are invited in the relevant areas for ICAME-2018. The length of manuscript should not be shorter than 4 full page (Including all graphs and references). Manuscript should be prepared according to IEEE standard format. All submitted papers will be subject to through a peer review process. **All selected papers (after review and plagiarism check will be published in the conference proceedings with ISBN Number. Short listed papers will be published in the UGC Approved Listed Journal (Global Journal of Engineering Science and Researches)**

IMPORTANT DATES

Submission of Abstract	15 th Nov 2018
Final Paper Submission	25 th Nov 2018
Intimation Regarding Acceptance of Papers	30 th Nov 2018
Last Date for Registration	10 th Dec 2018
Conference Date	21 st & 22 st Dec 2018

ENTRIES MUST REACH:

To the conference mail:
E-mail: icame2018@cmrcet.org

CONTACT PERSONS:

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