



CHEIF PATRON

Shri R. S. Munirathinam, Chairman, R.M.K Group of Institutions

PATRONS

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Shri R. M. Kishore, Vice Chairman
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Dr. K. Karthick, Assistant Professor

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Dr. S. Senthil Kumar, Professor
Dr. C. Bibin, Associate Professor
Mr. A. Balajikrishnabharathi, Assistant Professor

ADVISORY COMMITTEE

Dr.N.V.Maha Lakshmi, Retd Professor,
Dept. of Mechanical Engineering, Anna University, Chennai
Dr.A.Ramesh, Professor, Department of Mechanical Engineering, IITM, Chennai
Dr.G.Shanmugam, Associate Professor, Dept. of Manufacturing Engg, Anna University, Chennai
Dr.P.K.Palani, Principal AC Tech, Karaikudi
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Dept. of Mechanical Engg, Anna University, Chennai
Dr.M.Pradeep Kumar, professor,
Dept. of Mechanical Engg, Anna University, Chennai
Dr.A.Suresh Babu, Associate Professor,
Dept. of Mfg. Engg, Anna University, Chennai
Dr.S.Suresh, Associate Professor,
Dept. of Mechanical Engg, NIT, Tiruchirappalli
Dr.S.C.Vettivel, Associate Professor,
Dept. of Mechanical Engg, CCET, Chandigarh

The RMK group of educational institutions began their educational services in the early nineties, and for the past 25 years, it is their sustained hard work and dedication that has carved a niche in the field of engineering education. R.M.K College of Engineering and Technology is promoted by Lakshmikanthammal Educational Trust, established in the year 1995 to render philanthropic and educational services to people living in rural areas bordering Tamil Nadu and Andhra Pradesh. The main objective of the trust is to foster quality technical and higher education, research, and training in various branches of Engineering and Technology. RMK College of Engineering and Technology was established in 2008. The College is approved by AICTE, New Delhi, and affiliated with Anna University, Chennai. The college is accredited by NAAC with an A grade. All eligible courses are accredited by NBA. Our College became an Autonomous Institution from the AY 2022-2023.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the year 2010. The Department has the latest versions of equipment catering to the needs of both academia and industry. The worth of the equipment alone costs around Rs. 2.2 crores. The Thermal Lab, Manufacturing Technology Lab, and CAD/CAM laboratories are well-equipped with research facilities. The Department has highly qualified and dedicated faculty members with rich experience in academia and industry. The Department is recognized as a Research Center by Anna University, Chennai-25. The Department of Mechanical Engineering has constituted the Centre for Composite Fabrication and Testing to perform consultancy for the research/technical community.

- i. Composite laminate fabrication
- ii. Testing of composite laminate
- iii. Soxhlet Extractor
- iv. Bio-Diesel Setup
- v. AICTE sponsored MODROB Engine lab.

Department of Mechanical Engineering

Organizes

National Conference

on

FASCINATING ADVANCEMENT IN MECHANICAL ENGINEERING

"FAME 2023"

10 May 2023



CONFERENCE OBJECTIVE

The prime goal of the conference is to promote research and developmental activities in Mechanical, Production and Industrial Engineering. The ninth national conference aims to bring together leading academic scientists, researchers, research scholars and industrialists to share their knowledge and ideas for achieving focused development and advancements in the emerging field of these areas. It will help the participants to redefine their horizons in recent innovation through technical paper presentations and panel discussions, leading to the networking of participant organizations for effective collaboration in R&D.

CONFERENCE THEMES

The theme of this conference is kept broad enough to cover a range of topics of Mechanical Engineering. FAME 2023 solicits high quality unpublished original research paper in the field of following tracks but not limited to :

CAD / CAE / FEM / CFD Fatigue Fracture & Failure Analysis Friction, Wear & Lubrication Alternate Fuels Combustion & IC Engines Gas Turbines and Gas Dynamics Advanced Manufacturing Technologies Conventional / Unconventional Machining CIM / CAM / FMS / MEMS Powder metallurgy / Rapid Prototyping Industrial Engineering Manufacturing Management Quality Engineering Soft Computing in Mechanical Engineering Design of Mechanical Systems Rotor Dynamics / Vibrations & Control Product Design & Development Automobile Engineering Fluid Mechanics and Microfluidics Heat Transfer / Energy studies Advanced Forming Processes Composite Materials Micro and Nano Manufacturing Robotics and Mechatronics Design and Analysis of Experiments Product Life cycle Management Reliability Engineering System Modeling and Simulations,

CALL FOR PAPERS

The conference solicits contributions of papers that address themes and topics of the conference, including figures, tables and references of novel research materials. The conference will also assist the participants to connect with the pace of innovation in the Mechanical, Production, Thermal and Industrial Engineering. The papers are invited from Post Graduate students/ Researchers / Practicing Engineers / R&D Personnel.

Original research and unpublished papers are invited to the above list of themes. Abstract of the paper can be sent by email mechdata@rmkcet.ac.in. The guideline for preparing the full-length papers should be followed as per IEEE format, the double-column with single line spacing not exceeding 6 pages in MS Word format. Send the soft copy through email. Abstracts and full-length papers shall be reviewed by the experts, and authors will be intimated as per schedule.

IMPORTANT DATES

Deadline for submission of abstract

April 16, 2023

Notification of Abstract Acceptance

April 18, 2023

Deadline for full paper submission

April 23, 2023

Author Paper Review Acceptance or Revision

April 27, 2023

Submission of Revised Draft Paper

April 30, 2023

Final Acceptance Notification to Author

May 02, 2023



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IN
MECHANICAL ENGINEERING
"FAME 2023"**

10 May 2023



Registration Link

<https://forms.gle/XDFs7GaB7QvzCb8J7>

Registration Fees : Rs.500

Mode of Payment : Online Trasfer / UPI

Account Number : 062201000033026

Name of the Account : Principal Account IIPE

IFSC Code : IOBA0000622

Bank/Branch : IOB-Kavaraipettai Branch

Registration fee include

- Conference kit
- Access to keynote talks
- Publication in Conference Proceedings
- Lunch and refreshments
- Participation certificate

For Further Queries

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