

Seventh National Conference
On
**FASCINATING ADVANCEMENTS IN
MECHANICAL ENGINEERING**

“FAME - 2018”

26th February, 2018



Organized by
MECHANICAL ENGINEERING ASSOCIATION
DEPARTMENT OF MECHANICAL ENGINEERING

R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY
Accredited by NAAC with ‘A’ Grade

R.S.M. Nagar, Pudukottai, Gummidipoondi Taluk
Thiruvallur District-601 206
Tamil Nadu, India
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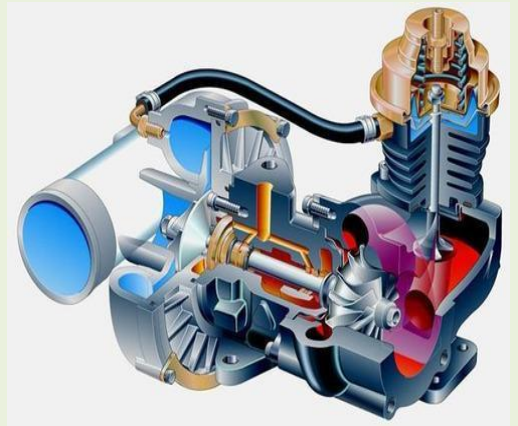
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ABOUT THE COLLEGE

R.M.K College of Engineering and Technology is promoted by Lakshmikanthammal Educational Trust, established in the year 1995 to render philanthropic and educational service 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. The college is affiliated to Anna University and is certified under ISO9001:2015 by TUVNORD. The Institution was accredited by NAAC with A Grade.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the year 2010. In the subsequent year, the intake was increased to 120. The Department has latest version equipments catering to the needs of both academic and industry. The worth of the equipments alone cost around Rs. 2.2 crores. 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 academic and industry. The Department of Mechanical Engineering has established, the Composite Fabrication and Testing Centre and Fuels Lab to undertake consultancy work related with composite laminate preparation, fuel extraction and testing. Industry Institute Interaction cell of our department helps to carry out project works by our students. It acts as knowledge hub for sharing latest trends taking place in industries. We have full-fledged IPE and SAE professional societies to interact with industries.

CONFERENCE OBJECTIVE

In order to improve the quality of living, implication of innovative solutions and best practices in Mechanical, Industrial and Production Engineering have critical role. In the near future Mechanical Engineering will be at the forefront in developing new technologies. The prime goal of the conference is to promote research and developmental activities in Mechanical, Production and Industrial Engineering. The conference will provide a common platform for professionals, academicians, researchers and industrialists to share their knowledge and ideas for achieving focused development and advancements in emerging field of these areas. It will help the participants to redefine their

horizons in recent innovation in these fields through technical paper presentations and panel discussions leading to networking of participant organizations for effective collaboration in R & D and recognizing the areas which require future research. 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.

CONFERENCE THEMES:

The scope of the conference includes, but it is not limited to the following topics:

- Aerodynamics
- Dynamics, Vibration and Time-dependent Deformation
- Mechanics in Advanced Materials
- Fuels and Combustion
- Energy Engineering and Conversion
- CFD
- Microsystems/MEMS/Nanotechnology
- Nuclear Engineering/Atomic Energy
- Renewable Energy
- Material Science/Engineering Materials
- CAD/CAM/CAE/CIM
- Heat and Mass Transfer/HVAC

CALL FOR PAPERS

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

All selected papers will be published in **“International Journal of Trendy Research in Engineering and Technology”**

ACCOMMODATION

Accommodation will be arranged in Gummidipoondi at the tariff from Rs.2000 to Rs.3500.

REGISTRATION

At least one author per paper and all other participants should register on or before the deadline. Registration fee for

Students	Rs.500
Faculty	Rs.600
R&D Institutes/Industry	Rs.750

Registration fee includes conference kit, proceeding copy & refreshment. Fee should be sent by Demand Draft in favour of “The Principal, R.M.K College of Engineering and Technology” payable at Kavaraipettai, Thiruvallur District. All delegates and authors will have to confirm their participation by online registration. For details visit <http://www.rmkcet.ac.in/FAME2018>.

VENUE

The college is located at a distance of about 30 kms from Chennai on the Chennai - Vijayawada National Highway (NH5) and is easily accessible by both road and rail.

IMPORTANT DATES

Abstract Submission Deadline	January 28, 2018
Notification of Abstract Acceptance	January 31, 2018
Submission of Full Paper Deadline	February 10, 2018
Notification of Full Paper Acceptance	February 12, 2018
Submission of Camera Ready Paper	February 15, 2018
Pre-Registration	February 20, 2018

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DEPARTMENT OF MECHANICAL ENGINEERING**

REGISTRATION FORM

NATIONAL CONFERENCE

on

FASCINATING ADVANCEMENTS IN MECHANICAL ENGINEERING

(FAME 2018)

Full Name :

Designation :

Organization :

Address :

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Phone (Off) :

Phone (Res) :

Email :

Fee Details : DD for Rs:.....

DD Number:.....

Date :

Name of the Bank:

Registration Category: Industry Participants /Academic Staff /Research Scholars/Students

Signature of the Applicant

Signature of the Sponsoring Authority

Note: Participants are requested to send the Registration Form by post or by Email