



RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

Approved by AICTE - New Delhi, Affiliated to JNTUA Anantapuramu, Accredited by NBA Tier-I
Accredited by NAAC of UGC with 'A+' grade, New Delhi, World Bank Funded Institute
NH-40 at Nandyal-518 501, Kurnool (Dist), Andhra Pradesh



Call for Papers !!!

Call for Papers !!!

30th July 2020

National Conference

on

Recent Trends in

Mechanical Engineering (RTME-2020)

Organized

By

DEPARTMENT OF MECHANICAL ENGINEERING



Last date for submission

23/07/2020

Intimation for acceptance:

27/07/2020

Scopus Indexed Journal

International Journal of Mechanical

and

Production Engineering Research

Email your papers at

rgmmenc20@gmail.com

Conveners

Dr. M. Ashok Kumar

Dr. G. Venkatesh

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Dr. M. Santhi Ramudu
Chairman

Sri. M. Siva Ram
M.D

Dr. T. Jayachandra Prasad
Principal

Dr. K. Thirupathi Reddy
HOD

ABOUT THE COLLEGE

RGM CET established in the year 1995 and is situated 12km from Nandyal on NH-40 towards Kurnool. It has been set up with an aim to achieve technological excellence through innovation with a motto of "Education for peace". It is approved by AICTE and accredited by NBA (Tier-1) & NAAC of UGC with A+ grade, affiliated to JNTUA, Ananthapuram. Conferred Autonomous status for a period of 10 years (2018-19 To 2027-28). This is the first private Engg. College affiliated to JNTUH at U.G & P.G levels. RGM CET is the one among the best three performing private Engineering Colleges from A.P selected to participate in World Bank Aided TEQIP-I. This college has secured **11 prestigious gold medals** including the gold medals for the best out going student of all branches of all Engineering Colleges of Andhra Pradesh. Twenty batches have been graduated from this college so far. The institution possesses excellent infrastructure and Instructional facilities to cater the needs of all programmes offered and to carry out the research work. Department of Mech, EEE, ECE, & CSE, CSEDS, CSEBS, Maths, Physics, Chemistry, and Management Sciences have been recognized as R&D centers by JNTUA to carry out Ph.D on regular basis.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been functioning since the inception of the Institute and is offering B.Tech in Mechanical Engineering with an intake of 120 & M.Tech in Machine Design with an intake of 18. Department has been accredited by NBA (Tier-I). Department has completed research project worth of Rs. 104.85 lakhs funded by different funding organizations. The department has well qualified and dedicated Teaching & Non-Teaching faculty to provide quality education to the students. Faculty members have published a good no. of Research Papers in National/ International Journals and Conferences. The department is extending the available research facilities for Post Graduate & Research scholars in the areas of "Development and Testing of composite materials and Testing of Alternative fuels for I. C Engines." The Department was well equipped with good infrastructure, state of art laboratories, Bosch Power Tools Center and CAD/CAM lab equipped with high end computing systems and all advanced modeling and analysis softwares. Andhra Pradesh Skill Development Corporation (APSSDC) has set-up Skill Development Centre (SDC) at our campus.

ABOUT THE PROGRAMME

National Conference provides an opportunity to young faculty, Research scholars to update their knowledge and skill on the latest technological advancement taking place in the field of Mechanical Engineering. Production efficiency of the nation depends on the ability to develop, import and adapt new technologies. Due to rapid pace of globalization, fast depleting material resources, increasing competition among nations it becomes essential to protect intellectual property, strengthening the knowledge base is an important issue.

OBJECTIVE OF THE PROGRAMME

- To share the latest information to enhance the knowledge in the emerging areas of Mechanical Engineering
- To create an awareness of the challenges and barriers in Mechanical Engineering
- To provide an opportunity to communicate and interact with their peers in Mechanical Engineering
- To assess the techniques for design, simulate and optimizing in Mechanical Engineering
- To bridge the gap between the faculty and Industry

COURSE CONTENT

The Conference will cover the topics listed below. However, the list is not exhaustive and other relevant topics may be included.

- Solar Energy
- IC Engines & RAC
- Composites
- Materials Science
- Manufacturing Processes
- Optimization Methods
- Machine Design
- Modeling Analysis
- 3D Printing
- Additive Manufacturing
- Sustainable Energy

PUBLICATION

All the Quality research papers will be published in Scopus indexed Journal entitled "International Journal of Mechanical and Production Engineering Research and Development" (Trans Stellar Publications). (<http://www.tjprc.org/index.php>)

Note: Papers will be published on the basis of payment.

Email your papers at:

rgmmenc20@gmail.com

WHO CAN ATTEND

The National Conference is open to the faculty members, Research Scholars, Persons working in R&D organizations and Industry persons can also participate.

PAPER SUBMISSION AND SCHEDULED DATES

Last date for full paper submission: 23rd July 2020

Last date for acceptance: 27th July 2020

Registration Fee : Rs.250/-

E-Certificates and E-Proceedings will be issued upon online presentation.

ORGANIZED BY

Department of Mechanical Engineering,
Rajeev Gandhi Memorial College Of Engineering & Technology (UGC Autonomous),
Nandyal - 518 501, Kurnool-Dt,
Andhra Pradesh, INDIA.

Communication Address

Dr.M.Ashok Kumar

Dr.G.Venkatesh

Conveners

Assoc. Professors

Department of Mechanical Engineering,
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Nandyal-518501, Kurnool (Dsit), Andhra Pradesh
Ph: +91 9441115859, +91 8951876678

Email: rgmmenc20@gmail.com

REGISTRATION FORM
National Conference on



Recent Trends in Mechanical Engineering (RTME-2020)"

30th July 2020

Name:

Qualification:

Designation:

Institute/Organization:.....

Address for Communication:.....

.....

Email Id:

Contact No:.....

Participating Category:.....
(Faculty / Industry / R&D / Research Scholar)

Registration Fee : Rs.250/-

Online Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSdKyjW-YhZtEfIiPC01JGmJg_7tGezHvjauwaSExmH7KfXzkg/vieworm

ORGANIZING COMMITTEE

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Dr. M.Manjaiah
Conveners : Dr. M. Ashok Kumar
Dr. G. Venkatesh

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Mr. K.Viswanath, Asst. Professor
Mr.K.Ashwartha Narayana, Asst. Professor

National Conference

on

"Recent Trends in Mechanical Engineering (RTME-2020)"

30th July 2020



Conveners

Dr. M. Ashok Kumar
Associate Professor
Dr.G.Venkatesh
Associate Professor



(ESTD-1995)

Organized by

**DEPARTMENT OF MECHANICAL ENGINEERING
RGM COLLEGE OF ENGG. & TECHNOLOGY**

(Autonomous)

Accredited by NBA (Tier-I) & NAAC with A⁺ Grade
Nerawara X- Raods, Panyam (Mandal)

NANDYAL-518 501

Kurnool (Dsit)
Andhra Pradesh

National Conference on Recent Trends in Mechanical Engineering (RTME2020)

Dear sir/Madam

Greetings from Rajeev Gandhi Memorial College of Engineering and Technology (Autonomous),
Nandyal, Andhra Pradesh, India.

We are happy to inform you that the Department of Mechanical Engineering organizing a "National
Conference on Recent Trends in Mechanical Engineering"

Date:30.07.2020

This Program is an attempt to refresh your research knowledge on Recent Trends in Mechanical
Engineering during this Covid-19 lockdown period

Registration

[https://docs.google.com/forms/d/e/1FAIpQLSdKyjW-
YhZtEfliPC01JGmJg_7tGezHvjauwaSExmH7KfXzkg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdKyjW-YhZtEfliPC01JGmJg_7tGezHvjauwaSExmH7KfXzkg/viewform)

Follow our link to register the conference

E-Certificates and E-Proceedings will be given for participants upon presentation.

Meeting Platform: ZOOM

Registration Fee : Rs.250 /-

Further any clarification contact

Dr. M. Ashok Kumar

Dr. G. Venkatesh

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Dr. M. Santhi Ramudu, Chairman

Sri. M. Siva Ram, M.D

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