

Department of Mechanical Engineering
Bapatla Engineering College(A) , Bapatla – 522102. INDIA
Organizing
2nd International Conference on “Mechanical Engineering and
Emerging Technologies”
(MEET 2023)
March 03th – 04th , 2023.

About

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Bapatla Education Society

Bapatla Education Society was established in 1962 and runs 7 educational institutions including Bapatla Engineering College, Bapatla College of Arts & Sciences, Bapatla Junior college, Bapatla womens Engineering college, Bapatla Polytechnic College, Bapatla Public School and Bapatla College of Pharmacy. Bapatla Educational Society is one of the pioneer to educate rural students in Andhra Pradesh. The society members was dedicated , committed and put their whole hearted efforts to establish good infrastructure , facilities and also to bring laurels to the institutions by providing quality of education.

Bapatla Engineering College

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in Engineering & Sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 9 disciplines with total intake of above 1000 students and 5 post-graduate courses in CSE, CAD/CAM(Mech), PE(EEE), SE(CIVIL) and CESP(ECE).All departments have well equipped laboratories in addition to the common facilities of workshops, central library, state-of-the-art central computing facility, sports facilities and Innovation Centres that house research and testing facilities for industrial projects and technology labs to promote interdisciplinary research activities. The College has good number of MoUs and established

Centres of Excellence to build Industry – Institute interactions. The college is NAAC accredited.

Department of Mechanical Engineering

Mechanical Engineering Department was established in the year 1981. The department has present intake capacity of 120 students. Faculty in the department are highly qualified and experienced. The laboratories in the department have state of the art facilities. Mechanical Engineering department established various centres' of excellence like BOSCH, KUKA robotic centre to train students in latest technologies.

The department has exclusive computer centre equipped with high capacity servers and systems with high configuration both for CAD/CAM and for advanced computing. The Teaching staff has very good experience both in academic and research point view and are committed to carryout the responsibilities based on the need.

The department of Mechanical Engineering organises workshops, conferences and symposiums regularly to enrich knowledge of students and faculty and to promote good academic eco-system. The curriculum of Mechanical Engineering department is designed meticulously by considering requirements of stakeholders and industry. The curriculum follows outcome based learning. It drives students to excel in curricular, co-curricular and extra curricular activities. The department follows quality standards laid out by AICTE and other quality assuring institutions to provide quality education to the students. The department is accredited twice by NBA.

About ICMEET 2023

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Mechanical engineering advancements have resulted in numerous applications in several important areas such as automotive, aerospace, marine, biomedical, agricultural, and energy engineering....etc. The creation of new materials, as well as morphological investigations, structural behaviour, and unique production techniques, allowed the Indian sector to address a number of global technical difficulties in a variety of applications. It is also necessary to employ a different kinds of computational methods in order to comprehend the behaviour of the structure and examine the ideal resources. Mechanical Engineering concepts in association with other engineering branches will provide a possible opportunity to develop newer components to improve the quality of life which can also foster interdisciplinary

research capabilities with a rapid growth. In this scenario, the ICMEET 2022 conference provides a suitable forum for information sharing among professionals from many fields. The dissemination of knowledge among various participants of ICMEET 2022 helps the young researchers and professionals to engage in R&D activities to bring promising yields to the society.

Conference Themes

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This conference theme mainly includes the mechanical engineering and allied domains. However, the conference theme is not only limited to

Materials preparation and Testing

Nano Technology

Thermal Engineering

Refrigeration & Air conditioning

Design Engineering

Machining / Manufacturing studies

Metallurgical Engineering

Simulation

Mechanical Behaviour

Additive Manufacturing/3D printing

Optimization

Automotive Engineering

Solar Energy

Industrial Engineering

Reliability

Numerical Methods in Mechanical Engineering

Unconventional Machining

Mechatronics

Aeronautical Engineering

Robotics

CAD/CAM

Tribology

Bio Mechanical Engineering

Industry 4.0

Integration of Mechanical Engineering in multiple disciplines

Conference Committee

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Technical & Advisory Committee

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- Dr. Prasenjit Chatterjee, Dean- R&D, MCKV Institute of Engineering, Howrah, India
- Dr. M. Ananda Rao, Principal Scientist, NIML-CSIR, Madras complex, Chennai.
- Dr. M. Papa Rao Senior Scientist, JNAR DDC, Nagpur, Maharashtra.
- Dr Anil Kumar Birru , National Institute of Technology, Manipur
- Mr Palash Poddar , Principal Scientist , NML - Jamshedpur.

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Key Note Speakers

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Updated soon

Guidelines

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- All papers are subjected to peer review process and accepted papers will be published in Journal / Proceedings..
- All papers must be free from plagiarism and similarity index must be less than 15%.
- All papers must be original and must not be submitted elsewhere.
- Registration of at least one author is mandatory for every paper.
- Registration fee includes access to all technical sessions, participation certificates and publication charges.
- Only presented papers will be considered for publication.
- Based on merit, **Three** best papers will be given among the papers presented at the conference.
- Please visit conference web page for timely instructions.

Important Dates

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Last date for Abstract submission	:	25-12-2022
Acceptance of the abstracts	:	28-12-2022
Full paper submission ends	:	25-01-2023
Acceptance of Full paper	:	10-02-2023
Camera ready full paper	:	20-02-2023

Registration ends : 22-02-2023
Conference dates : 03rd & 04th March 2023

Registration

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Publication Partner

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All selected papers will be published in scopus indexed journals.

Contact

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