



International Conference on Future Advances in Mechanical Engineering - 2k22 (27 - 05 - 2022)



Organised by

Department of Mechanical Engineering



**JAI SHRIRAM
ENGINEERING COLLEGE**

Dharapuram road, Avinashipalayam,
Tirupur - 638 660



Jointly with



Gambella University
Ethiopia



BARANI GROUP COMPANIES
Coimbatore

*Hybrid
Mode*



About the Institution

Jai Shriram Engineering College (JSREC) was endowed by Shenthil Velevan Trust in the year 2009 with a motto of equipping and implanting the seed of higher education approved by All India Council for Technical Education (AICTE) , affiliated to Anna University , Chennai and accredited by NAAC The Institution is functioning with a motive of taking higher education to the rural people at all levels of economic platform . The institution offers B.E. , B.Tech , M.E. and M.B.A. programmes . The only Institution managed by global level machine building Industry . It follows student centric teaching learning process that focuses on overall grooming of every student for the dynamic needs of their specialization .

About the Barani Group Companies

Barani is a prominent manufacturer , supplier and exporter of hydraulic presses and SPMs to leading brake liner manufacturers , clutch , axles , brakes and steel wheel manufacturers in India . The Coimbatore - based Barani Group Companies has become one of the global leaders in manufacturing custom - built hydraulic presses . The home - grown company has bagged some substantial overseas orders in recent times and is looking to cementing its place as one of the world leaders in the hydraulic press manufacturing field . Now Barani hydraulics is a perfect example for " Make - in - India ' programme , considering the global customer base it has developed in different sectors . The company designs and develops all its machines in - house and delivers outstanding product quality to an extent that they have been approved by the most stringent Japanese and European standards , Thus paving the way for its becoming an increasingly popular and reliable brand for hydraulic presses at the global level .



About the Department

The department was started in the year 2009 for the undergraduate program in B.E Mechanical Engineering with an intake of 60 students . The department offers high quality education to the students through very good infrastructure , laboratories and faculty and by means of exposure to latest technologies . The department has highly qualified and well experienced teaching staff , who take extreme care for the development of the careers of the students . The department is very much oriented towards research and development as well as in consultancy . The department is in the verge of establishing centre of excellence with the sole purpose of conducting high quality research and development activities in the latest areas such as hydraulics , materials (smart and nano) , robotics vibrations and technology and automation .

About the Conference

The department of Mechanical Engineering of Jai Shriram Engineering College is organizing the International conference on " Future Advances in Mechanical Engineering (FAME) " The conference will be held at Jai Shriram Engineering College , Avinashpalayam , Tiruppur - 638660 , Tamil Nadu , India , on 27th May 2022. The International Conference will be an opportunity to provide a key platform to share inventions , experiences and knowledge and propose strategic recommendations to strengthen the role of Mechanical Engineering to achieve sustainable goals at the National and International . The Conference will result in increased awareness of the recent developments in the field of Mechanical engineering . At the end of the conference , it is expected there will be open and constructive information sharing between all the relevant stakeholders , academicians , researchers and practitioners .



Call for Papers

Papers dealing with any aspect of Manufacturing , Materials , Engineering Design , Thermal Engineering , Industrial Engineering . Mechatronics , Renewable Energy and Robotics are solicited . The scientific deliberations at the conference will cover a wide range of topics in an emerging areas of Mechanical Engineering for the presentation of research results and development activities . Potential topics to be addressed in this conference include , but are not limited to the following as well .

Advanced Materials

Additive Manufacturing

Micro Manufacturing

Artificial Intelligence & Robotics

Biomaterials and Surface Engineering

Mechatronics

Heat & Mass Transfer

Alternative fuels

Refrigeration & Air - conditioning

Industrial Engineering

Renewable Energy Technology

Hybrid vehicles and its integration

Smart Construction materials

Rapid Prototyping

Lean Manufacturing Optimization Techniques

Machine Design

Waste Disposal and Recycling

Nano Technology

Green Manufacturing

Future Energy Technologies

Industry 4.0

Any other Related Area





For Whom

1. UG & PG Students
2. Research Scholars
3. Faculty
4. Industry Professionals.

Registration fees

UG & PG Students	INR 400
Academician & Research Scholars	INR 600
Authors from Industry People	INR 800
Foreign Delegates	USD 15

Hosted Institutions 50% of Conference Fees.

Registration fees includes hard copy certificate,
Conference Proceedings with ISBN.

Selected Papers are Published in UGC care I & II and
Scopus Indexed Journals with additional Charges

Important Dates

Submission of Abstract	10.05.2022
Submission of Camera Ready format	15.05.2022
Intimation of Acceptance and Registration	20.05.2022
Date of Conference	27.05.2022



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ADMISSION FOR THE YEAR 2022-2023 ARE OPEN

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