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About the Institution

Jai Shriram Engineering College is one of the leading technological institutions inculcating quality and value-based education through innovative teaching learning process for holistic growth of the students. JSREC was endowed by Shenthil Velavan 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 functioning with a motive of taking higher education to the rural people at all levels of economic platform. Funding from SERB, CSIR, DST, ATAL, NBHM, AICTE are being received by the institute for conducting various programmes. The uniqueness of our Institution is that we have Barani Technological Training Centre, JSR Techno Innovation and startups. Students grab more opportunities in life and set their right foot forward in the huge market of working life through our astonishing placements. IIPC focus on the students to nurture industry interaction in various dimensions of academics. Our Institution is renowned for its Industry-Academic Interaction which promotes qualified Engineers. JSREC reinforces to impart acquaintance, teamwork, modernization, entrepreneurship, moral ethics and values.

International Conference

on

Design, Materials and Metaheuristic Algorithms for Engineering

(ICDMME-2024)

24th April 2024

Organized by

Research and Development Cell



JAI SHRIRAM ENGINEERING COLLEGE
AVINASHIPALAYAM, TIRUPPUR, TAMIL NADU,
INDIA – 638 660.



Conference Site:

College website: <https://www.jayshriram.edu.in>

Uniqueness at JSREC

Barani Technology Training Centre (BTTC)

BTTC provides advanced training to our students before they finish the program. PLC programming, Electric wiring, Hydraulics and specialised welding are few courses that are trained at BTTC with high practical oriented teaching learning process.

JSR Techno Innovation Laboratory

JSR Techno Innovation caters the industrial needs in building control panels. The students of EEE and ECE are given training and they have built across 10 panels this year.

About the Conference

International conference on Design, Materials and Metaheuristic Algorithms for Engineering (ICDMME-2024) is focused primarily on multi discipline engineering research and development. ICDMME-2024 is the place for you to present your technical research and expertise, while also learning from and connecting with many of your peer researchers on a national level. At ICDMME-2024, the experience stimulating innovation from basic discovery to translational application of new approaches and foster collaborations that engage stakeholders and partners not only from academia, but also from national laboratories, industry and government funding bodies. This conference will provide with more broad, salient perspective and knowledge-sharing on technical advances in all engineering disciplines.

After completion of registration process, kindly join in our whatsapp group for further communications.



Call for Papers

Papers are invited from industrial persons, academician, research scholars, PG and UG students in the following areas but not limited to. Selected papers will be endorsed for Scopus indexed and UGC approved journals with extra charge.

Mechanical Engineering

- ❖ Design and Analysis
- ❖ Sustainable Manufacturing & Automation
- ❖ Thermal Sciences

Civil Engineering

- ❖ Advanced Building Materials
- ❖ Optimization and innovation in Structural design
- ❖ Smart Materials and Structures

Computer Science Engineering

- ❖ Information and Computing
- ❖ Cyber Security & Privacy
- ❖ Technology Trends

Artificial Intelligence & Data Science

- ❖ Generative AI & LLM
- ❖ Natural Language Processing
- ❖ Data Analysis using Machine Learning

Electronic & Communication Engineering

- ❖ Advances in Communication and Image Processing
- ❖ IoT and Automation
- ❖ Smart sensors and Networks

Electrical & Electronics Engineering

- ❖ Smart Grids, FACTS, and Micro Grids
- ❖ Power Electronics and Motor Drives
- ❖ Electric Machines and Field Analysis

Fashion Technology

- ❖ Circular Fashion and Sustainability
- ❖ Rapid and e-Prototype in Apparel Industry
- ❖ Technical Textiles and its various Applications

Applied Science

- ❖ Industrial Inorganic Chemistry
- ❖ Functional Materials
- ❖ Networks & Cryptography
- ❖ The role of AI in English Language Teaching

Management

- ❖ Business Analytics
- ❖ Digital Entrepreneurship
- ❖ Cross Cultural Leadership/VUCA

Dates and Deadlines

Dead Line for Abstract: 05.04.2024

Acceptance of Abstract: 08.04.2024

Dead Line for Full Length Camera Ready Format: 13.04.2024

Early Bird Registration: 15.04.2024

Guidelines for Preparation of Paper

The authors are requested to submit the papers as per the given format (available in conference website) and upload it in the Google link provided here.

Google link: <https://forms.gle/GjwJLNEa3B23S1Ts6>

Registration Fee

Delegates	Registration Fee*
UG Students	Rs. 1000
PG Students	Rs. 1500
Scholars/Faculty/Industry	Rs. 2000
Foreign Delegates	\$100 USD

The delegate's registration fee covers the cost of Conference proceedings with ISBN and hard copy of the certificate. Registration fee is payable by NEFT / IMPS transfer / UPI (Details will be sent after approval of the manuscript).

* Additional cost for Publications in Scopus / UGC care list of journals

- ❖ Key Engineering Materials
- ❖ Materials Science Forum
- ❖ Solid State Phenomena
- ❖ Defect and Diffusion Forum
- ❖ Advances in Science and Technology
- ❖ Engineering Headway
- ❖ Engineering Chemistry
- ❖ Applied Mechanics and Materials
- ❖ Advanced Engineering Forum

