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- Er. Tanu Taneja, BFCET Bathinda
- Mr. Amandeep Singh, BFCET Bathinda

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- Dr. Krishna Kumar, MNIT Jaipur
- Dr. Ajaya Kumar Pradhan, MNIT Jaipur
- Dr. Randhir Kumar Singh, MNIT Jaipur

Co-Coordinator:

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- Dr. Gagandeep Singh, BFCET Bathinda
- Dr. Nitika, BFCET Bathinda
- Er. Naveen Thakur, BFCET Bathinda
- Er. Jagdeep Singh Brar, BFCET Bathinda

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- Dr. Pravinkle Singh, BFCET Bathinda
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- Er. Gursewak Singh, BFCET Bathinda
- Er. Gaurav Gangwar, BFCET Bathinda
- Mr. Sagar Sardana, BFCET Bathinda
- Ms. Amandeep Kaur, BFCET Bathinda
- Ms. Sukhjinder Kaur, BFCET Bathinda

REGISTRATION

<https://docs.google.com/forms/d/1ojyz624abGWfZg8CffuXDkMNZdWAoqWNvPdIXJ6dwY/edit?pli=1>



Note: The template and paper submission guidelines are present in the registration link only

Early bid full paper submission (Till April 05, 2025)	<ul style="list-style-type: none"> • Academicians/Faculties • Students/Attendees • Industry Participants 	₹ 400/- ₹ 200/- ₹ 700/-
Regular Registration (from April 06 to April 20, 2025)	<ul style="list-style-type: none"> • Academicians/Faculties • Students/Attendees • Industry Participants 	₹ 600/- ₹ 400/- ₹ 1000/-



VENUE

MAIN SEMINAR HALL, BFGI, BATHINDA,



BABA FARID GROUP OF INSTITUTIONS

Bathinda, Punjab (India)

Student Coordinator

- Randeep Singh, Yogita Makkar, Vishavjeet Singh, Husanpreet Singh, Parneet Rai Kaur, Gaganpreet Kaur, Manish Kumar, Lovjeet Sharma, Gurnoor Kaur, Iqbaljot Singh, Sukhman Kaur, Harshita

Contact: Dr. TejinderPal Singh Sarao, 9501115438
Dr. Rahul Sen, 9501115413

NATIONAL CONFERENCE

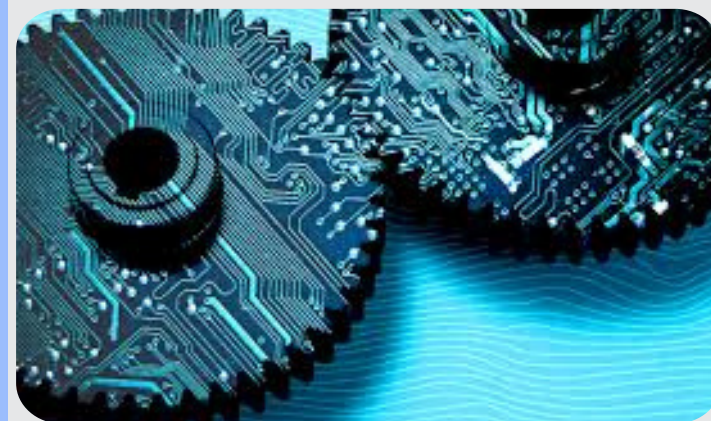
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APRIL 25, 2025

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Accredited Institution (BFCET)

Department of Mechanical Engineering

BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA

H-754, Muktsar Road, Bathinda-151001, Punjab, India



Department of Metallurgical & Material Engineering

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Conference Website: <https://www.bfcet.com/risen/>

BABA FARID COLLEGE OF ENGINEERING AND TECHNOLOGY BATHINDA

Baba Farid College of Engineering and Technology is managed by Baba Farid Vidyak Society, founded in 1994 under the kind patronage of prominent educationists of Malwa Region of the State of Punjab. The society aims to provide quality education to prepare young minds to face the competitive world on all fronts. The institute offers a host of hi-tech ultra-modern facilities to ensure quality education for its students. The institute is being managed efficiently by its Chairman, Dr. Gurmeet Singh Dhaliwal, an eminent educationist and Bharat Jyoti Awardee. As a Premiere Educational Institute, Baba Farid College of Engineering & Technology emphasizes on imparting the practical skills to the students to make them ready to take up the challenges in the digitalized transformation of technical education. With the support of up-to-date labs, excellent infrastructure and qualified faculty the college is committed to provide the quality education. The college always takes its best foot forward for motivating its students towards research by organizing International Conferences, Seminars and Guest Lectures in its campus.

Department of Mechanical Engineering

The mechanical engineering department is one of the best departments in Baba Farid College of Engineering & Technology. It is always equipped with all necessary facilities, machines & equipment's and enthusiastic and talented faculties to keep their students up to date with latest knowledge & technology running."



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Malaviya National Institute of Technology Jaipur (MNIT) is one of the premier NITs of India, fully funded by the Ministry of Human Resource Development. The institute was established in 1963 as Malaviya Regional Engineering College, Jaipur, by a joint venture of the Government of India and the Government of Rajasthan. Its campus spreads over 325 acres of area in a central location of Jaipur city. The institute was given the status of a National Institute of Technology and Deemed University on June 26, 2002.

Department of Metallurgical & Material Engineering

The Department of Metallurgical and Materials Engineering is one of the oldest departments, established in 1965 in the institute. The department offers B.Tech, M.Tech, and Ph.D. programmes in all frontier areas globally. The basic motto of the department is to provide quality education through its highly qualified and experienced faculty members. The faculty members are continuously motivated to keep abreast with state-of-the-art technology. It has nine laboratories, where esteemed faculties and sincere students continuously work on various research, projects and experiments.

RISEN 25

The RISEN 2025 National Conference, hosted by Baba Farid College of Engineering and Technology, aims to serve as a premier platform for researchers, innovators, and industry professionals to come together and explore the latest advancements in Research, Innovation, Science, Engineering, and Networking. Set to take place on April 25, 2025, this event will encourage the exchange of cutting-edge ideas, promote interdisciplinary collaboration, and foster meaningful discussions on emerging technologies and solutions. The conference will feature a wide range of sessions and presentations aimed at addressing global challenges, driving innovation, and shaping the future of these multidisciplinary fields. RISEN 2025 is dedicated to inspiring new perspectives, building valuable networks, and advancing scientific and technological progress for the betterment of society. The conference will be carried out in hybrid mode i.e., both online and offline presentation's will be accepted for submission. The selected papers & all abstracts of the conference will be published in its proceedings.



BEST PAPER PRESENTATION PRIZES



All candidates will receive RISEN 2025 Conference Participation Certificate

THEMATIC AREAS

Engineering Solutions

- Green technologies & smart innovations
- Resilient & sustainable infrastructure
- Circular economy & waste utilization
- Renewable energy integration
- Green manufacturing & sustainable materials
- Eco-friendly construction & smart cities
- Energy-efficient robotics & automation
- Electrification of transportation and smart grid
- Mechatronics, EV's and Robotic innovations
- Smart sensors & IoT for energy management
- 3D printing & sustainable supply chains
- Smart water management & disaster-proof infrastructure

Computers, AI, IoT, & Machine Learning

- AI for climate action & environmental challenges
- Green computing & sustainable AI
- Smart cities & IoT for urban sustainability
- Blockchain for transparency in green practices
- AI in waste management & circular economy
- Smart grid analytics & energy optimization
- AI in renewable energy forecasting
- Cybersecurity for green infrastructure
- Digital twins for sustainable design
- AI in precision farming & predictive maintenance

Applied Sciences

- Green chemistry & sustainable materials
- Biodegradable & recyclable innovations
- Physics and their automation
- Renewable energy physics (solar, wind, hydro)
- Sustainable water management
- Mathematical modelling and computing
- Carbon capture & bioplastics
- Innovations in biomaterials for healthcare
- Nanotechnology & environmental remediation
- Smart farming & agri-tech innovations

Management & Allied Areas

- Sustainable business practices & profitability
- Green supply chains & net-zero goals
- Financial strategies for green growth
- Corporate social responsibility & sustainability
- AI in sustainable business decision-making
- Leadership & green transformation
- Consumer demand for sustainable products
- Green innovation & product lifecycle management
- Entrepreneurial strategies in the circular economy

Others: Interdisciplinary & Emerging Technologies

- Engineers in achieving net-zero goals
- Multidisciplinary approaches to sustainability
- Space technologies for environmental impact
- Sustainable fashion & smart textiles
- AI & blockchain for ethical supply chains
- Sustainable aviation & eco-friendly packaging
- Disaster management & tech-enabled resilience
- Advanced recycling & waste utilization