



RPS

GROUP OF INSTITUTIONS

ENGINEERING | POLYTECHNIC
MANAGEMENT | DEGREE COLLEGE
VETERINARY COLLEGE



Approved by AICTE/VCI/DGHE (Govt. of India) & Affiliated to IGU Rewari/LUVAS Hisar/HSBTE, Panchkula



INTERNATIONAL CONFERENCE *on*

“INNOVATION IN SCIENCE, HUMANITIES MANAGEMENT & ENGINEERING -2025”

ICISHME-2025

Organized by:

Rao Pahlad Singh College of Engineering and Technology (RPS CET), Balana
in association with

Central Electronics Engineering Research Institute (CSIR-CEERI) Pilani, Rajasthan

Dates 14th - 15th February 2025

Venue RPS CET Seminar Hall, Balana, Haryana, India

Mode Hybrid Mode (Online and Offline)

www.rpsinstitutions.org

○ About Rao Pahlad Singh Group of Institutions (RPSGOI) ○

RPS Group of Institutions, Haryana, was established in 2008 under the aegis of the RPS Education Society, stands as a beacon of quality education and student success in the region. The institution offers a range of postgraduate, graduate, undergraduate and diploma programs, with a focus on engineering, management, computer applications, applied sciences, Commerce & Humanities and Veterinary. The institution promotes holistic development through a balance of academics and extracurricular activities making it a comprehensive platform for aspiring professionals.

○ About Rao Pahlad Singh College of Engineering & Technology (RPS CET) ○

Rao Pahlad Singh College of Engineering and Technology (RPS CET), established in 2008, is approved by AICTE, DTE and affiliated to Indira Gandhi University, Meerpur, Rewari (Haryana). Nestled in the foothills of the Aravalli Range on the Delhi-Bikaner State Highway No. 24, village Balana, Mahendergarh (Haryana), the institute offers a blend of technical and professional education in a serene and stimulating environment.

The institute offers quality education in a wide range of discipline for undergraduate and postgraduate students, aimed at producing highly skilled engineers, technocrats, and business professionals.

The programs are B.Tech. in CSE, CSE (AI & ML), ECE, ME, Civil, and EE branches, M.Tech. in CSE, ECE, and ME, as well as full-time MBA, BBA, and BCA, and Polytechnic Diploma course in Mechanical and Civil Engineering. RPS CET continues to nurture tomorrow's leaders by offering new and relevant programs.

○ About CSIR-CEERI, PILANI ○

CSIR - Central Electronics Engineering Research Institute (CSIR-CEERI), established in 1953 and headquartered in Pilani, Rajasthan, is a premier laboratory under the Council of Scientific and Industrial Research (CSIR). Renowned for its pioneering contributions to the fields of electronics and information technology, CSIR-CEERI plays a vital role in advancing India's scientific and industrial landscape.



With a vision to foster a sustainable and technologically advanced society through cutting-edge research and development in electronics, CSIR-CEERI focuses on addressing critical societal and industrial challenges by delivering impactful technological solutions. Institute's research spans diverse areas, including semiconductor device fabrication, smart electronic systems, artificial intelligence and machine learning, high-power microwave technology, and renewable energy electronics.

CSIR-CEERI is also recognized for its pioneering work in creating indigenous vacuum electron devices for defense, space, and medical applications, water quality monitoring, and healthcare. With its rich legacy of innovation and a forward-looking approach, CSIR-CEERI continues to lead India's efforts in leveraging electronics for sustainable development. Its cutting-edge research and partnerships have significantly contributed to the nation's technological progress, making it a beacon of scientific excellence.

○ About IQAC & IIC - RPS CET ○

The Internal Quality Assurance Cell (IQAC) at Rao Pahlad Singh College of Engineering and Technology (RPS CET), Balana, plays a pivotal role in ensuring a culture of excellence within the institution. Established as a part of the institution's commitment to continuous improvement, IQAC focuses on quality benchmarking for academic and administrative activities, fostering innovative teaching-learning methodologies, promoting the use of ICT, facilitating workshops, seminars, and conferences to ensure a conducive learning environment.



In the year 2018, the Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem. Primarily, IICs' role is to engage large number of faculty members, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs.



About the Conference

In today's rapidly evolving world, interdisciplinary collaboration is crucial for addressing complex global challenges. International Conference on – Innovation in Science, Humanities, Management and Engineering – 2025 (ICISHME-2025) " organized by Rao Pahlad Singh College of Engineering and Technology (RPSCET), Balana, in association with CSIR-CEERI, Pilani, Rajasthan will be held on 14–15 February 2025. ICISHME-2025 provides an international platform to explore innovative research in the fields of Engineering, Management, Humanities and Applied Sciences, fostering an exchange of ideas that cut across traditional disciplinary boundaries.

This conference aims to bring together researchers, academicians, industry experts, researchers and students from across the globe to share knowledge and ideas on cutting-edge interdisciplinary research.

The key objectives of the conference are:

- **Promoting Interdisciplinary Research:** Encouraging dialogue and collaboration across diverse fields such as Artificial Intelligence, Data Science, Sustainable Engineering, Business Strategy, and Scientific Innovation.
- **Networking and Collaboration:** Offering opportunities for scholars, practitioners, and professionals to network, form research partnerships, and discuss potential collaborative projects.
- **Exploring Global Challenges:** Delving into critical global issues like sustainability, technological advancements, economic development, and emerging trends in management and applied sciences.
- **Showcasing Innovations:** Presenting the latest innovations, research breakthroughs, and technological advancements in engineering, management, and applied sciences.

ICISMHE-2025 will feature keynote speeches from distinguished experts, technical sessions, paper presentations, and panel discussions. Participants will gain insights into the latest trends, challenges, and opportunities in their respective fields, making it an enriching experience for all attendees.

We invite academicians, researchers, industry experts, and students to participate, present their research, and contribute to shaping the future through interdisciplinary collaboration at this esteemed international platform.

Conference Themes & Core Ideas

International Conference on – Innovation in Science, Humanities and Engineering –2025 (ICISMHE-2025)" aims to explore diverse topics at the intersection of multiple disciplines. This conference offers a platform to address emerging trends, innovations, and challenges in the following key areas:

Engineering:

Artificial Intelligence & Machine Learning: Applications, ethical challenges, and future directions in AI and ML across industries.

Sustainable Engineering & Green Technologies: Innovations in energy-efficient solutions, renewable energy, and eco-friendly engineering practices.

Data Science & Big Data: Emerging trends in data analytics, machine learning algorithms, and data-driven decision-making.

Smart Cities & IoT (Internet of Things): Advancements in smart infrastructure, IoT-enabled systems, and urban sustainability.

Robotics & Automation: The role of robotics in industry 4.0, automation, and human-robot interaction.

Nanotechnology: Breakthroughs in Nanomaterials, Nanodevices, and their interdisciplinary applications.

Material science and Engineering: Smart Material, Latest manufacturing processes, Recent trends in materials science.

Management:

Strategic Innovation & Entrepreneurship: Innovation management, entrepreneurial ecosystems, and new venture creation.

Sustainable Business Practices: Corporate Social Responsibility (CSR), ethical leadership, and sustainability-driven strategies.

Digital Transformation in Business: The impact of digital technologies on business models, digital marketing, and e-commerce.

Supply Chain & Operations Management: Innovations in supply chain processes, logistics, and global operations management.

Human Resource Management: Emerging trends in talent acquisition, leadership, and organizational behavior in a changing world.

Finance & Accounting: Financial innovation, fintech, investment strategies, and risk management

Applied Sciences

Environmental Science & Climate Change: Research on climate adaptation, sustainability practices and environmental challenges.

Applied Mathematics & Computational Sciences: Interdisciplinary applications of mathematics in engineering, data science, and complex systems.

Physics & Chemistry in Engineering: Advances in materials science, chemical engineering and their applications in industry.

Biotechnology & Healthcare Innovations: New developments in biotechnology, healthcare solutions and interdisciplinary medical technologies.

Humanities :

- Digital Humanities
- Ecocriticism and Athroposcene
- Humanities in Engineering Education
- Film-adaptation
- Psychology and Engineering
- Engineering Ethics
- Business Communication
- Soft Skills and Personality Development

Call for Abstracts :

"International Conference on – Innovation in Science , Humanities Management and Engineering -2025 (ICISHME-2025) " invites researchers, academicians, industry professionals, and students to submit abstracts for presentation. The conference, to be held on 14th-15th February 2025 at Rao Pahlad Singh College of Engineering and Technology (RPSCET), Balana, will provide a platform for the exchange of innovative ideas and research contributions in various disciplines.

We welcome original and unpublished research work in the following broad areas, but not limited to:

Engineering: Artificial Intelligence, Machine Learning, Data Science, Sustainable Engineering, Electronics, Mechanical Engineering, Civil Engineering, and Emerging technologies.

Management: Business Strategy, Innovation Management, Entrepreneurship, Supply Chain Management, Financial Management, Marketing, Human Resource Management, and Organizational Behavior.

Applied Sciences: Environmental Science, Applied Mathematics, Physics, Chemistry, and other interdisciplinary fields,

Humanities : Literature, Philosophy, Arts & Languages

Abstract Submission Guidelines:

- The abstract should be no more than 250 words, clearly summarizing the research objectives, methodology, key findings, and implications.
- Include title, author(s) name(s), affiliation(s), and contact details.

Please email your abstracts to icishme2025@rpsinstitutions.org by 10th January 2025. Notification of acceptance will be sent by 20th January 2025.

We look forward to receiving your contributions and welcoming you to this exciting interdisciplinary event.

Important Dates

Abstract Submission Deadline: 10th January 2025

Notification of Acceptance: 01st February 2025

Paper Submission Deadline : 20th January 2025

Conference Dates: 14th -15th February 2025

Registration Details

Early Bird Registration (until 10th January 2025):

Academicians/Researchers: 2000/-

Industry Professionals: 2500

Students: 1000

Regular Registration (after 10th January 2025):

Academicians/Researchers: 2500/-

Industry Professionals: 3000

Students: 1200

HOW TO APPLY : The interested participants may apply with duly filled registration form along with the registration fee which is to be paid to below account details: Bank Account Details: Account Name : Punjab National Bank Account No. : 07422191056810 IFSC Code : PUNB0074210

Bank : Mahendergarh Please send the filled registration form along with the Payment slip and Transaction No. details to icishme2025@rpsinstitutions.org.

Publication Opportunities

Recommended abstracts from each presentation session will be invited for full paper submission after the conference. Submitted full length papers will be published in Scopus/SCI indexed journals.

Registration Includes:

- Access to all sessions
- Conference kit and materials
- Lunch, tea/coffee during conference days
- Certificate of participation/paper presentation

Registration Link :

<https://bit.ly/ICISHME-2025>



SCAN FOR REGISTRATION

Instructions to Author(s):

The authors may submit the abstract through E-mail, using the template given here:

- The abstract must include title, author affiliation with E-mail address, and keywords.
- The abstract should be limited to maximum 300 words.
- A maximum of 6 keywords should be provided.
- The abstract will be reviewed by the technical committee members and accordingly abstract acceptance/rejection email will be sent to the respective authors. For more details, visit our official website: www.rpsinstitutions.org

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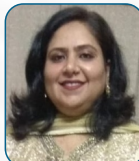
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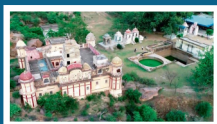
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Dr. Kapender Phogat
Associate Prof.
Dept. of Mechanical Engineering
Ph.: 8946976346

PLACES TO VISIT NEAR BY RPSGOI



MADHOGARH FORT



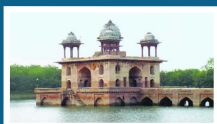
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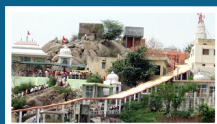
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HOW TO REACH

The nearest Airport is Indira Gandhi International Airport (DEL), New Delhi. The distance of RPSGOI from New Delhi is approx 140 KM. One can travel via Road or by Train. The nearest railway station is Mahendergarh (MHRG). From the railway station, one can travel by shared auto (Rs. 150/- to Rs. 200/- per trip) to reach RPSGOI or one can avail transport facilities provided by the institution from Mahendergarh, Rewari, Charkhi Dadri, Narnaul.



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