NATIONAL CONFERENCE

FRONTIERS IN ENGINEERING, SCIENCE AND TECHNOLOGY

(FEST-2026)

Theme: AI-Enabled Interdisciplinary Innovations for a Greener and Smarter Future

23–24 December 2026 | Two-Day Conference | Hybrid Mode

Organised by
KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY, AMRITSAR
(Accredited by NAAC With "A" Grade, Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar (Govt. of Punjab))
Email: kcetfest@gmail.com

In Academic Partnership with
GREEN PETALS TRUST (GPT), MEERUT

About FEST-2026

The National Conference on "Frontiers in Engineering, Science and Technology (FEST-2026): AI-Enabled Interdisciplinary Innovations for a Greener and Smarter Future" is conceived as a platform for researchers, academicians, scientists, industry professionals, innovators and students to exchange knowledge and explore emerging developments across science, engineering and technology.

The conference will bring together interdisciplinary research in physical sciences and electronics; chemical sciences and chemical engineering; mathematical sciences, computer science and artificial intelligence; mechanical engineering and smart energy systems; civil engineering and sustainable infrastructure; and electrical engineering and renewable energy.

Conference Tracks

Track 1: Physical Sciences, Electronics and Emerging Technologies

- Quantum technologies and plasma physics
- Photonics and semiconductors
- VLSI and the Internet of Things (IoT)
- Smart electronics

Track 2: Chemical Sciences, Chemical Engineering and Sustainable Technologies

- Green chemistry and catalysis
- Electrochemistry and energy storage
- Environmental chemistry and chemical engineering

Track 3: Mathematical Sciences, Computer Science and Artificial Intelligence

- Artificial intelligence, machine learning and data science
- Scientific computing and optimisation
- Quantum computing and cybersecurity
- Computational intelligence

Track 4: Mechanical Engineering, Advanced Manufacturing and Smart Energy Systems

- Industry 5.0 and robotics
- Additive manufacturing and electric vehicles
- Hydrogen energy and computational fluid dynamics (CFD)
- Digital twins

Track 5: Civil Engineering, Smart Infrastructure and Environmental Sustainability

- Green buildings and smart cities
- Structural engineering and geographic information systems (GIS)
- Transportation and water resources
- Disaster management

Track 6: Electrical Engineering, Power Systems and Renewable Energy

- Power systems: generation, transmission and distribution
- Smart grids and microgrids
- Power electronics, electrical machines and drives
- Renewable energy systems and grid integration
- Control, automation and energy management

Conference Publications

Book of Abstracts: All accepted abstracts will be published in a Book of Abstracts in print and electronic formats, with a separate ISBN.

Conference Proceedings: Selected full-length research papers, subject to a rigorous peer-review process, will be considered for publication in the Conference Proceedings in print and electronic formats, with a separate ISBN. Digital Object Identifiers (DOIs) will be assigned to selected papers.

Important Dates

Milestone	Date
Abstract submission opens	16 November 2026
Last date for Abstract submission	30 November 2026
Full-paper submission opens	16 November 2026
Last date for Full-paper submission	6 December 2026
Notification of acceptance	1 December 2026
Registration opens	16 November 2026
Last date for Registration	10 December 2026

Registration Fees

Category	Registration fee (INR)
Research Scholar	2,500
Academician / Faculty	3,000
Industry Participant	3,500

Additionally, Lunch coupon for Offline attendees: Rs 500/-

Payment Details

Bank	HDFC Bank
Branch	Ranjit Avenue, Amritsar, Punjab
Account number	59122900000007
Account holder	Director, Khalsa College of Engineering & Technology, Amritsar
IFSC	HDFC0001407

Registration

Online registration: https://forms.gle/YSRWUdp24L8vmow27

Please use the link above to register.

Patronage and Conference Leadership

Role	Name	Designation / Institution
Chief Patron	Mr Rajinder Mohan Singh Chhina	Honorary Secretary, Khalsa College Governing Council, Amritsar; Pro-Chancellor, Khalsa University, Amritsar
Patron	Prof. (Dr.) Manju Bala	Director, Khalsa College of Engineering and Technology, Amritsar
Conference Chairs	Dr. Anurag Singh	Associate Professor (Computer Science and Engineering), NIT Delhi
	Dr. Anmol Ratna Saxena	Associate Professor (Electrical Engineering), NIT Delhi
Convenors	Dr. Ripin Kohli	Associate Professor (Applied Sciences), KCET, Amritsar
	Dr. Malti Puri	Professor (Electronics and Communication Engineering), KCET, Amritsar
Organising Secretaries	Dr. Jasleen Kaur Associate Professor and Head (Computer Science and Engineering), KCET, Amritsar Dr. Shilpi Saxena Professor and Head, Agricultural Engineering, KCET, Amritsar Dr. Sandeep Devgan, Associate Professor (Mechanical Engineering), KCET, Amritsar Dr. Prince Karandeep Singh Assistant Professor (Civil Engineering), KCET, Amritsar Er. Sukhmeet Kaur Assistant Professor (Computer Science and Engineering), KCET, Amritsar Mr. Yogesh Sharma Assistant Professor, MBA, KCET, Amritsar	
Editor-publications:	Mr SP Verma, Director (Training and Innovation),Green Petals Trust Meerut	

Organising Committee

- Mr. Rajeev Sharma, PRO and Admission Head, KCET, Amritsar

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National Advisory Committee

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About Khalsa College of Engineering and Technology

Established by the Khalsa College Charitable Society, an institution with a 134-year legacy and the stated aim of the “Welfare and well-being of all”, Khalsa College of Engineering and Technology (KCET), Amritsar, is committed to providing quality technical education to the youth of Punjab. The college is accredited with NAAC Grade A and is supported by modern infrastructure, well-equipped laboratories, contemporary software and instruments, and a committed faculty. It seeks to foster creativity, discovery and innovation among its students.

About Amritsar

Amritsar, the cultural and spiritual heart of Punjab, is renowned for the Golden Temple, a symbol of peace and devotion. The city brings together a rich historical legacy and a vibrant contemporary culture. Its landmarks include Jallianwala Bagh, while its wider region offers visitors the opportunity to experience the Wagah Border ceremony. Known for its hospitality, Amritsar offers a memorable experience of history, tradition and spirituality.

About Academic Partner-Green Petals Trust

Green Petals Trust (GPT), Meerut (a registered NGO), through its Centre of Excellence in Training and Research (CoETR), is developing an academic platform for training, research, knowledge dissemination, academic documentation and institutional collaboration.

DIRECTIONS TO AUTHORS

FEST-2026 invites researchers, academicians, scientists, industry professionals, research scholars and students to submit original research contributions relevant to the conference theme, *"AI-Enabled Interdisciplinary Innovations for a Greener and Smarter Future."*

Submissions may include original research papers, review papers, case studies and conceptual papers addressing any of the six conference tracks.

1. General Guidelines

1. Each submission must be original, unpublished and not under consideration for publication or presentation at another conference or journal.
2. Authors must select **one appropriate conference track** that best matches the subject and scope of their submission.
3. The research work should clearly demonstrate its objectives, methodology, findings and relevance to the chosen theme or track.
4. Interdisciplinary and collaborative research contributions are particularly encouraged.
5. All authors' names, institutional affiliations and contact details must be provided accurately. One author must be identified as the corresponding author.

2. Abstract Submission

1. Authors should submit an extended abstract of approximately **250–300 words**, excluding the title, author details and keywords.
2. The abstract should clearly indicate:
    - Background and rationale of the study.
    - Objectives and scope of the research.
    - Research methodology or approach.
    - Major findings, outcomes or expected contributions.
    - Relevance to engineering, science, technology, sustainability or interdisciplinary innovation.
3. Include 4–6 relevant keywords.
4. Abstracts must be submitted in MS Word format.

3. Full-Paper Submission

1. Authors whose abstracts are accepted are invited to submit their full-length research papers.
2. The suggested length of a full paper is **3,000–5,000 words**, including the main text and excluding references.
3. A full paper should normally contain the following sections, as applicable:
    - Title of the paper
    - Author(s) and institutional affiliations
    - Abstract and keywords
    - Introduction and objectives
    - Review of relevant literature
    - Research methodology / experimental procedure
    - Results and discussion
    - Conclusions and recommendations
    - Acknowledgements (if applicable)
    - References

4. Tables, figures, photographs, equations and other illustrations must be numbered, appropriately titled and properly cited in the text.
5. All references and citations must be accurate and consistently formatted using an appropriate recognised referencing style.

4. Manuscript Formatting

1. Manuscripts should be prepared in MS Word (.doc or .docx) format.
2. Use A4 page size, Times New Roman font, 12-point font size and 1.5 line spacing.
3. Use clear headings and subheadings with consistent formatting throughout the manuscript.
4. All figures and tables should be of good resolution and suitable for publication.
5. SI units should be used wherever applicable.
6. Mathematical equations, technical symbols and abbreviations should be clearly presented and explained.

5. Submission and Review Process

1. Authors must submit their abstracts and full papers within the prescribed deadlines through the submission channel notified by the conference organisers.
2. Every submission will undergo an initial screening for relevance, originality and compliance with the prescribed guidelines.
3. Full-length papers will be evaluated through a peer-review process.
4. Acceptance of an abstract does not automatically guarantee acceptance of the corresponding full paper for publication.
5. Authors may be requested to revise their manuscripts in accordance with reviewers' comments.
6. The decision of the conference's review committee regarding acceptance and publication will be final.

6. Presentation Guidelines

1. Accepted papers will be presented during the technical sessions of the conference.
2. The conference will be conducted in hybrid mode, providing opportunities for both physical and online participation.
3. Presenting authors will be informed about the presentation schedule, allotted time and technical requirements.
4. Authors presenting online must ensure a stable internet connection, suitable audio-visual equipment and timely participation.
5. The presentation must be based on the accepted paper and should clearly communicate its objectives, methodology, findings and significance.

7. Publication and Ethical Considerations

1. Accepted abstracts will be published in the Book of Abstracts in print and electronic formats, with a separate ISBN.
2. Selected full-length research papers will be considered for publication in the Conference Proceedings, subject to peer review and the prescribed publication requirements.
3. Selected papers will be assigned Digital Object Identifiers (DOIs).
4. Authors are responsible for ensuring that their submissions are free from plagiarism, fabricated data, copyright violations and other forms of academic misconduct.
5. Any material, figures or illustrations reproduced from other sources must have appropriate permissions and acknowledgements.
6. Authors must disclose any relevant conflict of interest and acknowledge funding support, wherever applicable.

Note: Authors are advised to adhere strictly to the submission deadlines and follow the instructions issued by the conference organisers. Incomplete submissions or manuscripts that do not conform to the prescribed guidelines may be returned for correction or may not be considered for review.

Contact for Conference Enquiries

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