



St. JOSEPH'S
COLLEGE OF ENGINEERING
An Autonomous Institution, Affiliated to Anna University



IEEE

St. JOSEPH'S COLLEGE
OF ENGINEERING
STUDENT BRANCH CHAPTER

IEEE

Madras Section

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
Organizes

INERT-CON

2026

**1st International Emerging
Research and Technology Conference**



25-26 SEPTEMBER 2026



RESEARCH



INNOVATION



TECHNOLOGY



WEBSITE

<https://inertcon.ieeesjcesb.org/>



EMAIL

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VENUE

St. Joseph's College of Engineering
OMR Chennai-600119, India.



ABOUT THE INSTITUTION

St. Joseph's College of Engineering has excelled in delivering quality education for over three decades, offering 11 undergraduate and 3 postgraduate programs. The college has been ranked by the National Institutional Ranking Framework (NIRF) since 2017, securing a position in the 201-300 band in 2024. It is accredited with an "A+" grade by NAAC with a 3.46/4.00 score since 2019. The institution secured 2nd rank in the Performers Band of NSIIR 2023, organized by NITI Aayog & ATAL Innovation Mission, for its contributions to the UN Sustainable Development Goals. It has also been selected for the "Unnat Bharat Abhiyan Programme" by MHRD and the "Skill and Personality Development Programme Centre (SPDP)" for SC/ST students by AICTE. The college has received an "AA" rating for its performance in NPTEL Online Certification courses, the Institutional Excellence Award 2024 from the Institute of Engineers (India), and the National Employability Award annually since 2017 by Aspiring Minds. Recognized as a top preparatory center by Cambridge ESOL for eight consecutive years, it is among the 25 best centers in South Asia. Students of St. Joseph's have achieved 1,541 university ranks, including 57 Gold and 55 Silver medals, and earned the highest number of Anna University ranks in 2010, 2019, and 2021. Recognized as an Institute Level Research Centre by Anna University, the college enables scholars to pursue Ph.D. and MS by research. The college emphasizes industry collaborations through a "Centre for Excellence" with Honeywell and Salesforce and a Big Data Lab supported by Cognizant. Additionally, students have gained recognition in prestigious sports events, including the Commonwealth, Asian, and Olympic Games, further showcasing the institution's focus on holistic development.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering, established in 1996, has consistently excelled in both academic and industrial domains. Accredited by NBA since 2003, the department is equipped with state-of-the-art laboratories to support students' educational and industrial needs. Our faculty members, actively engage in teaching, research, consultancy, and student mentorship. To enhance career development, department organizes specialized programs each semester focusing on personality development and career awareness. The department fosters innovation through collaborations with industry and academic leaders. We have signed MoUs with prominent organizations like BSNL, The ARM Academy, The ARM Academy, ICT Academy, EmCog solutions, TIAS Energy, Power Projects, NITTTR, SK Power Fabrications, Unique MEP Engineering Academy Pvt. Ltd., Towards Technology, Windplus Private Limited, TEEV – Team Energy Electric Ventures Private Limited, Arcres Techsol Private Limited, BlueBinaries(P) Ltd. Additionally, we support student involvement through ISTE & 8 IEEE technical chapters and Three affinity group, encouraging technical and professional growth.

ABOUT THE CONFERENCE

IEEE INERT-CON 2026 (International Conference on Emerging Research Trends and Technologies) is a premier international conference organized by the Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering, Chennai, in association with IEEE Madras Section. The conference provides a platform for researchers, academicians, industry professionals, and students to share innovative ideas and research findings in emerging technologies, including Artificial Intelligence, Machine Learning, Cybersecurity, IoT, 5G/6G Communications, Renewable Energy, Robotics, and Smart Systems. IEEE INERT-CON 2026 aims to foster collaboration, knowledge exchange, and technological advancement through technical presentations and expert interactions.

REGISTRATION FEE

Category	IEEE MEMBER		Non IEEE MEMBER	
	Fee (₹)	Fee (\$)	Fee (₹)	Fee (\$)
Research Scholar/ Student	INR 9000	USD 300	INR 9500	USD 300
Academia / R&D / Industry	INR 10000	USD 350	INR 10500	USD 400
Listener with Certificate	INR 1500	USD 100	INR 2000	USD 150

IMPORTANT DATES

Full Paper Submission	30/07/2026
Notification of Acceptance	15/08/2026
Registration Deadline	20/08/2026
Final Paper Submission	30/08/2026

CALL FOR PAPERS

Track 1: AI, ML & Data Science

Track 2: Cybersecurity, Blockchain & Cloud Computing

Track 3: IoT, Edge Computing & Digital Twins

Track 4: 5G/6G Communication & Networking

Track 5: Quantum Computing & Emerging Technologies

Track 6: Smart Grids, Renewable Energy & EVs

Track 7: Robotics, Automation & Embedded Systems

AUTHORS INSTRUCTION

General Information

1. The original unpublished Technical Papers, Articles and Working Papers having maximum length 6 pages on the topics related to the theme of the conference are invited for presentation/publication in the conference proceedings.
2. Kindly ensure that your paper is formatted as per Template (not exceeding 6 pages) single-spaced double column pages using 10-point size font on 8.5×11 inch pages (IEEE conference style), including authors' affiliations, figures, tables, and references. See IEEE style templates at this page for details. Additional pages per paper above the 6 pages limit will be charged.
3. All papers must be submitted online via Microsoft CMT submission portal. All submissions will undergo a double blind peer review by the team of peer reviewers based on originality, relevance to the conference theme, technical strength, significance, quality of results, and organization and clarity of presentation of the paper.

Plagiarism Policy

The paper prior to submission should be checked for plagiarism from licensed plagiarism softwares like Turnitin/iThenticate etc. The similarity content should not exceed 10% (in any case either self contents or others).

Further, you have to strictly implement the following ethical guidelines for publication:

- Any form of self-plagiarism or plagiarism from others' work(s) should not be there in an article.
- If any model / concept / figure / table / data / conclusive comment by any previously published work is used in your article, you should properly cite a reference to the original work.
- If you are using any copyrighted material, you should acquire prior permission from the copyright holder.

Paper submission Link

<https://inertcon.ieeesjcesb.org/>

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