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DEPARTMENT OF
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Organizes

1st

INTERNATIONAL CONFERENCE ON
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(ICFTS'25)
27.03.2025 & 28.03.2025

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St. Joseph's College of Engineering

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

ICFTS 2025 is the versatile platform to convey the latest discoveries and innovative research results in computing, communication, and electrical energy systems to all students, working professionals, and engineers worldwide. The conference features presentations by attendees as well as a keynote address and invited talks by notable speakers. To meet researchers worldwide, build a professional network, and seize opportunities. We hope that this conference will serve as a platform. It is organized by the Department of Electrical and Electronics Engineering & Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, Chennai, India, on 27th & 28th March 2025. We are confident that this conference will allow researchers to share their ideas and enable future collaboration possibilities. Accepted research papers will be forwarded for inclusion in the IEEE Xplore Digital Library. The extended versions of high-quality innovative research papers from the registered papers presented at the conference will be considered for publication in SCI and Scopus Indexed Journals.

REGISTRATION FEE

Category	IEEE MEMBER		Non IEEE MEMBER	
	Fee (₹)	Fee ($)	Fee (₹)	Fee ($)
Research Scholar/ Student	INR 8000	USD 175	INR 8500	USD 200
Academia / R&D / Industry	INR 8500	USD 200	INR 9000	USD 225
Listener with Certificate	INR 1000	USD 50	INR 1500	USD 75

IMPORTANT DATES

Full Paper Submission	~~28/01/2025~~ **15/02/2025**
Notification of Acceptance	20/02/2025
Registration	25/02/2025
Final Paper Submission	28/02/2025

CALL FOR PAPERS

TRACK 1: COMPUTING

TRACK 2: COMMUNICATION

TRACK 3: ARITIFICIAL INTELLIGENCE

TRACK 4: VLSI

TRACK 5: INTERNET OF THINGS (IOT)

TRACK 6: POWER SYSTEMS

TRACK 7: RENEWABLE ENERGY

TRACK 8: ELECTRIC VEHICLES

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.

Plagarism 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.
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Paper submission Link
https://ftsconf.com/submission.php

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