



We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
St. JOSEPH'S GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THE CIRCUIT CHRONICLE

NEWSLETTER JULY- 2025

**TO KNOW MORE ABOUT THE DEPARTMENT ACTIVITIES
PLEASE VISIT**

<https://stjosephstechnology.ac.in/web/eee/>

MESSAGES

Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.

Chairman

It gives me immense pleasure to commend the staff and the students of the Department of Electrical and Electronics Engineering for this excellent Newsletter. This Newsletter maps the merits and milestones accomplished by the department. I sincerely hope that the efforts put in by the students and the staffs help them in all their future endeavors.

Mrs. S. Jessie Priya M.Com.

Executive Director

This Newsletter is testament to the academic excellence of the college which in myriad ways is ingrained in our culture. It gives me great pleasure to see the exceptional potential of the students of the Department of Electrical and Electronics Engineering, in various extra-curricular activities as well as in academics. I congratulate the staff and the students on bringing out this wonderful Newsletter.

Mr. B. Shashi Sekar M.Sc.

Managing Director

I am very happy that our institution has shown a marvelous presentation of the activities through the Newsletter. I congratulate the staff and students for their excellent effort. Today, as we march towards a technological world, we aspire to open new vistas in the field of education for our students and this Newsletter helps us in our efforts.

Dr. S. Arivazhagan M.E., Ph.D.

Principal

I take this opportunity to laud the efforts of all those who were involved in the making of this Newsletter from the Department of Electrical and Electronics Engineering, St. Joseph's Institute of Technology. I would also like to appreciate the relentless efforts of our teachers for giving their best in bringing out the best in each student helping them achieve their goals.

Dr. G. Sreekumar M.Tech., Ph.D.

Dean Academics

It is inspiring to see the Department of Electrical and Electronics Engineering reach new heights through the efforts documented in this Newsletter. This publication not only reflects the department's commitment to academic and technical excellence but also its focus on nurturing well-rounded individuals. Congratulations to everyone who contributed to this outstanding achievement, paving the way for even greater successes ahead.

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Vision

To become a well renowned department in the field of Electrical and Electronics Engineering by imparting quality education and inculcating ethical values among students to serve the global society.

Mission

The department strives

M1: To provide strong fundamental knowledge through effective teaching- learning process to make the students competent in the field of Electrical and Electronics Engineering

M2: To enable students with intellectual resources to conduct innovative research in order to meet the challenges faced by the industries and mankind

M3: To promote the skills on emerging technologies through industry-interactions to attain sustained placements and other career opportunities

M4: To inculcate ethically bound professional standards, skills of leadership and management for a successful career.

Program Educational Objectives

1. To provide foundation in their fields such as circuit theory, field theory, control theory and computational platforms.
2. To enhance the designing skills for the evolution of new technology in the Electrical and Electronics domain.
3. To equip the students to work in interdisciplinary groups for enhancing professional skills.
4. To motivate and prepare the students for a successful career in the industry or higher education.
5. To create awareness for lifelong learning and inculcate professional ethics.

Program Specific Outcomes

1. Our graduates will be able to understand the basic concepts related to engineering and technology with enhanced problem solving skills.
2. Our graduates, with high proficiency in Electrical and Electronics Engineering will be able to exhibit technical knowledge in industrial and entrepreneurial focus.
3. Our graduates can translate the effects of professional values and ethics in accordance with Electrical and Electronics Engineering domain, to create sustained environment for social growth.

GUEST LECTURE

The session was delivered by Mr. Sampathkumar K, Deputy Manager – Operations, Cost & Safety at Renault Nissan India Automotive Pvt. Ltd. He shared valuable insights on emerging trends, required skillsets, and career opportunities in the automotive electrical sector. The lecture emphasized the importance of innovation, safety standards, and interdisciplinary knowledge. Students gained a clear perspective on industry expectations and how to align their academic learning with real-world applications for successful careers..



GUEST LECTURE

On 29th July, Mr. Rajaganesan G from VATIO Energy India delivered a lecture on integrating solar power into EV charging infrastructure, discussing its technical and economic aspects. Both sessions provided valuable knowledge on real-world applications and helped students align academic learning with industry expectations.



INDUSTRIAL VISIT

On 19th July 2025, fourth-year students visited the Bhavani Sagar Power House in Erode. The visit offered hands-on exposure to hydroelectric power generation, turbine operations, and control systems. It enriched students' practical knowledge and bridged the gap between classroom learning and real-world applications.



INDUSTRIAL VISIT

On 23rd July 2025, third-year students visited the Sathanur Dam Power Station in Thiruvannamalai. The industrial visit provided valuable insights into hydroelectric power generation, control systems, and power distribution. Students gained practical exposure to real-time operations, enhancing their understanding of theoretical concepts.



INDUSTRIAL VISIT

On 30th July 2025, the second-year students visited as part of an industrial visit aimed at enhancing their practical knowledge of power systems. During the visit, students observed the step-down process of electrical energy from transmission to distribution levels and learned about the operation of key equipment such as transformers, circuit breakers, isolators, and protection systems. The visit provided valuable real-time exposure to substation functioning, safety protocols, and system maintenance, helping students connect their classroom learning with real-world electrical infrastructure and operations



NGO VISIT

On 23rd July 2025, fourth-year students visited Little Flock Matriculation School, S.P. Kovil, Chengalpattu, as part of their NGO outreach activity. The visit aimed to promote social responsibility among students. They engaged with school children through educational activities, awareness programs, and donated essential learning materials.



NGO VISIT

On 31st July 2025, Third-year students visited St. John De Britto Home for Aged Women in Kovalam as part of our NGO outreach activity. The visit aimed to offer support and interact with the elderly residents. We were warmly welcomed and engaged in conversations, shared stories, and performed songs and skits to bring joy to the residents. We also donated essential items like groceries, medicines, and toiletries. The experience highlighted the importance of care, empathy, and human connection. It was a meaningful visit that deepened our understanding of social responsibility and the need to support and respect the elderly.



MOCK INTERVIEW

On 27th July 2025, an online mock interview session was organized for fourth-year students of the Department of Electrical and Electronics Engineering. Esteemed alumni from various reputed organizations conducted the interviews, providing valuable feedback and guidance. The session aimed to improve students' confidence, communication skills, and preparedness for upcoming campus placements.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes

ONLINE MOCK INTERVIEW

By

OUR PROUD ALUMNI



VISHWANATHAN A
GET Engineer - Electrical




SHANMUGAPRIYAN N
Emulation Engineer




VARSHINI KANNA
AI/ML Engineer




DHANAPRIYA K
Agile Business Analyst




SHRIKUMAR V
Software Engineer




27.07.2025



11:00 AM

FOR IV YEAR STUDENTS

SCHOOL EVENT

S.No	Date	Name of the School	No. of students visited
1.	09.07.2025	Mother's Matric Hr sec school, Pallikaranai, Chennai	51
2.	23.07.2025	Holy Prince Matric Hr sec school, Madipakkam, Chennai	164
3.	24.07.2025	Pole Star Matric Hr sec school, Nanmangalam, Chennai	111
4.	25.07.2025	Sacred Heart Matric Hr sec school, Nanmangalam, Chennai	34

Mothers Matric Hr. Sec School



Holy Prince Matric Hr. Sec School



Pole Star Matric Hr. Sec School



Sacred Heart Matric Hr sec school, Nanmangalam, Chennai



ALUMINI TALK

On 9th July 2025 an alumni talk on "*Key Skills for Successful Campus Placements*" for final-year students. The session was delivered by Ms. Gayathiri P, an esteemed alumna and Graduate Engineer at Renault Nissan (Batch: 2021-2025). She shared valuable insights into the current placement process, industry expectations, and the essential technical and soft skills required to succeed. Emphasizing the importance of communication, problem-solving, and continuous learning, she also provided tips on resume building and interview preparation. The session was highly informative and motivated students to proactively prepare for their placement journey.



ALUMINI TALK

On 23rd July 2025 alumni talk titled "*Unlocking Opportunities Beyond the Campus*" for final-year students. The session was delivered by Mr. Daniel M, an esteemed alumnus and the Founder & Director of DS Solutions Tech Pvt. Ltd (Batch: 2020-2024). He shared his journey from a student to a successful entrepreneur, highlighting the importance of skills, adaptability, and continuous learning in today's competitive world. The talk provided valuable insights into career opportunities beyond conventional paths and encouraged students to think innovatively. It was an engaging and motivational experience for all participants.



PROFESSIONAL SOCIETY ACTIVITY



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE INDUSTRIAL ELECTRONICS SOCIETY SBC16181E

Brings you....

Converse & Connect!!

Exclusively
For 2nd years

"Where minds sync and circuits click"

 ROUND 1 : "Amp per Term"
ROUND 2 : "Volt Opinions" 

 10.07.2025, Thursday  code: bmt-sfio-ewa



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE INDUSTRIAL ELECTRONICS SOCIETY SBC16181E

Brings you...

Crack & Connect

Exclusively
for
2nd years

 ROUND 1 : " Amp per Term "
ROUND 2 : " Volt Opinions " 

 17.07.2025, Thursday  code: bmt-sfio-ewa



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANISES

ECO-CHECK
an ENSAV Club Event

KEY TAKEAWAYS

Participants will gain a deeper understanding of critical environmental facts and global sustainability challenges. The event will test their knowledge on various topics like climate change, renewable energy, biodiversity, waste management, and more. By ticking off the correct answers, participants will not only reinforce their existing knowledge but also learn new facts related to the environment, helping to raise awareness and educate them on pressing global issues.

<https://meet.google.com/umm-phez-sqn>

Friday
18 July 2025

06:00 p.m - 07:00 p.m



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE INDUSTRIAL ELECTRONICS SOCIETY SBC16181E

Brings you...

Group Discussion

Exclusively for 2nd years

24.07.2025, Friday

code: bmt-sfio-ewa

Time : 6:30pm - 7:30pm

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes

**SEMINAR ON
CAREER OPPORTUNITIES FOR ELECTRICAL ENGINEERING**



EDHAYADHARSHINI RAMESH

Senior Developer -
SAP BODS Consultant



ROSHAN ARO ALVIN J

Systems Analyst II



27.07.2025



10:00 AM

FOR XII PASSED OUT STUDENTS



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANISES



CROSS GREEN

an ENSAV Club Event



Control System Lab

EXCLUSIVE FOR II YEAR STUDENTS



Friday
25 July 2025



09:40 a.m - 11:40 a.m

KEY TAKEAWAYS

Participants will gain a deeper understanding of critical environmental facts and global sustainability challenges. The event will test their knowledge on various topics like climate change, renewable energy, biodiversity, waste management, and more. By ticking off the correct answers, participants will not only reinforce their existing knowledge but also learn new facts related to the environment, helping to raise awareness and educate them on pressing global issues.





DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE INDUSTRIAL ELECTRONICS SOCIETY SBC16181E

Presents....

BRAINATHON

a technical quiz event

Exclusively

FOR SCHOOL STUDENTS

 Certificates for top 5 participants 



Sunday
27 July 2025



TIME
05:00PM - 06:00PM



fsm-sqqj-zpk



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE INDUSTRIAL ELECTRONICS SOCIETY SBC16181E

Brings You....

GATE TRAINING IN ELECTRICAL ENGINEERING

TOPIC : CONTROL SYSTEMS

Exclusively for EEE Students



Dr. P. ANBARASAN
Associate Professor,
Department of EEE
St. Joseph's Institute of Technology



Thursday
31 July 2025



TIME
06:00PM - 07:00PM



ucx-qmmf-kpp

ALUMNI TESTIMONIAL

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI TESTIMONIAL

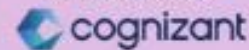
"My time at the Department of Electrical and Electronics Engineering, St. Joseph's Institute of Technology (2013-2017 Batch), was a pivotal chapter in my life. The department laid a strong technical groundwork while encouraging curiosity beyond the core curriculum, which greatly influenced my professional path. The mentorship and support from the faculty, along with the institution's commitment to academic and personal growth, helped my transition confidently into the corporate world. Today, as a Senior Associate at Cognizant, I continue to rely on the analytical thinking and problem-solving skills cultivated during my college years. I remain truly grateful to my alma mater for the knowledge, discipline, and values it instilled in me - qualities that continue to guide my journey forward."



Anubhama R

Batch 2013-2017

Senior Associate



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI TESTIMONIAL

"Being part of the Department of Electrical and Electronics Engineering at St. Joseph's Institute of Technology (2015-2019 batch) played a significant role in shaping my career. The department provided a strong academic foundation, while also fostering critical thinking, problem-solving, and collaboration through hands-on projects and interdisciplinary learning. The support and mentorship from the faculty helped me develop both technically and personally, preparing me for the challenges of the professional world. Today, as a Senior Service Management Analyst at BNY Mellon, I continue to apply the skills and values I gained during my time at St. Joseph's, and I am truly grateful for the lasting impact it has had on my journey."



Praisy Gold G

Batch 2015-2019

Senior Service
Management Analyst



BNY MELLON

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI TESTIMONIAL

"Being a part of the Department of Electrical and Electronics Engineering at St. Joseph's Institute of Technology has been a defining phase of my life. The department fostered a strong technical foundation while also encouraging interdisciplinary learning, which played a key role in shaping my career path. The support and mentorship from the faculty, along with the institute's focus on both academic excellence and holistic development, empowered me to confidently transition into the software industry. Today, as a Software Engineer at Kovaion Consulting India Pvt. Ltd., I continue to apply the problem-solving mindset and analytical skills honed during my time at St. Joseph's. I will always be grateful to my alma mater for the knowledge, values, and experiences that continue to guide me in my professional journey."



Prakash Ashrith S

Batch 2019-2023

Software Engineer



MENTOR MEETING

A mentor meeting was held on 28th July 2025 by the department staff for final year students. The main focus of the session was to discuss students upcoming academic performances. Guidance was provided on improving project work, internships, and exam preparation. Students were encouraged to stay focused and make the most of their final year.



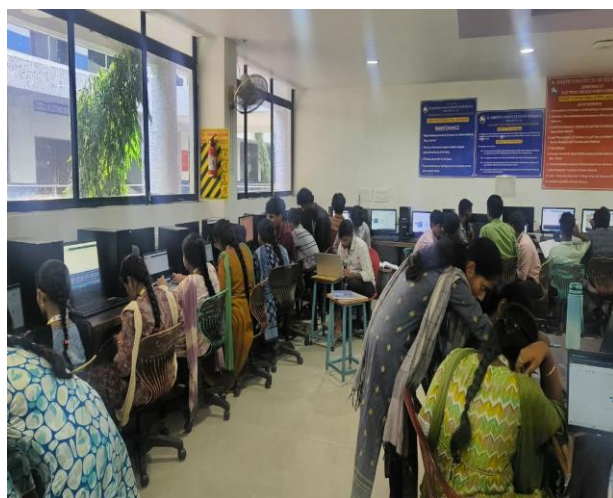
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STUDENT WORKSHOP

On 31st July and 1st August 2025, the Department organized a two-day workshop on Embedded System Programming & Applications in association with EmCog Solutions Pvt. Ltd. The workshop offered students valuable hands-on experience in microcontroller programming, real-time application development, and system design. Participants engaged in practical sessions that bridged theoretical concepts with industrial practices, thereby enhancing their technical competency. The program effectively aligned students' skills with current industry requirements, fostering both innovation and employability in the domain of embedded systems.



EDITORIAL

STAFFS

1. Dr. D. Kirubakaran
2. Dr. S. Hemalatha
3. Dr. P. Anbarasan
4. Mr. R. Manivannan
5. Mr. I. Cephas
6. Mr. S. Karthick
7. Dr. P. Nisha
8. Dr. N. P. Gopinath

STUDENTS III Year

1. Harinee M
2. Anjali Varshika VS

STAY CONNECTED WITH US THROUGH OUR WEB PAGES



<https://www.linkedin.com/in/st-joseph-s-institute-of-technology-electrical-and-electronics-engineering-755108282>



<https://youtube.com/@st.josephsinstituteoftecehnee?si=zN38e-9nLKAd-3g>



<https://www.facebook.com/share/3mu5cTiHU3zRYecX/>



<https://www.instagram.com/eeesjit?igsh=cm5ycWc2bW9jNmoy>

Learn more on our department's website :

<https://stjosephstechnology.ac.in/web/eee/>

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Student Toppers Secured 8.5 CGPA and Above (Upto Sem VIII)

Batch 2021 - 2025



AISHWARYA P
312421105001
9.58



GAYATHRI P
312421105016
9.23



DINESH M M
312421105013
9.12



SIVAPRAKASH S
312421105049
8.86



SARIHA R
312421105046
8.85



VARSHNI KANNA M
312421105055
8.85



SENTHIL VELAN R
312421105047
8.81



SAIVARSHINI R
312421105043
8.80



NARMADHA K
312421105033
8.68



JAYAVANTHI B M
312421105020
8.59



KARTHICK S
312421105022
8.51



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Batch Toppers

Upto Sem VIII (Batch 2021 - 2025)



AISHWARYA P
312421105001
9.58



GAYATHRI P
312421105016
9.23



DINESH M M
312421105013
9.12

Upto Sem V (Batch 2022 - 2026)



AKASH K
312422105004
9.01



KARPPAKAMALAR S
312422105024
8.96



SHARON JULIET P F
312422105047
8.94

Upto Sem III (Batch 2023 - 2027)



NIKITHAA KUMAR
312423105046
9.18



YASIRA BEGUM K
312423105060
8.90



BHUVANESHWARI M
312423105010
8.85



St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



The Choice of
Disciplined Toppers



About College

- ✓ St. Joseph's Institute of Technology is a higher education institution in OMR, Chennai, India, established in the year 2011 and offers 7 UG programmes - CSE, ECE, EEE, IT and MECH and 1 PG Programme – Business Administration.
- ✓ St. Joseph's Institute of Technology is in its 13th year of educational service, in 2024.
- ✓ Anna University has granted Permanent Affiliation for 4 UG Programmes - CSE, ECE, IT and MECH from the year 2020-21.
- ✓ Anna University has approved 4 Departments - CSE, ECE, IT and MECH as Recognized Centre for Research for offering Ph. D/MS (by research).
- ✓ Five courses offered since inception namely B.E. - CSE, ECE, EEE, Mech. Engg. & B. Tech. IT have been accredited by NBA in 2017 in a shortest span of 6 years since its establishment, which ascertains the quality of our education.
- ✓ Our College was granted Autonomous status from the year 2022-23 for a period of 10 years.
- ✓ Our college has been approved for establishment AICTE Idea Lab - one among 95 Labs in India with an investment of Rs. 1.10 Crore to impart skill based training of our students from First Year onwards.
- ✓ Our college secured an All India Rank 134 (by AICTE Internshala) among 2000+ colleges participating in student internships for the year 2023 and 48th Rank out of 249+ colleges participated in South Zone.
- ✓ Our graduate outcomes include 80 % of placements in each academic year and 15 % admission to higher studies.
- ✓ For 5 consecutive years, our institution has been awarded with 4 out of 5 stars by the Institutions Innovation Council (IIC), Ministry of Education, Government of India.
- ✓ We are recognized as the "Best Exam Preparatory Centre" for conducting Linguaskill examinations by Cambridge Assessment English.
- ✓ We are consistently awarded "Best Employability Award" every year from 2020 by Aspiring Minds.
- ✓ Our institution is approved as a "Skill Development Center" with grant of Rs. 24 Lakhs for establishing Skill Hub under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0)
- ✓ St. Joseph's Institute of Technology is a recognized Remote center for conducting training programs by IIT Bombay and Nodal center of ISRO-IITs outreach programs to conduct live and interactive courses.
- ✓ Ours is a recognized Remote center for conducting training programs by IIT Bombay and Nodal center of ISRO-IITs outreach programs to conduct live and interactive courses.
- ✓ Our institution is selected under National level "Unnat Bharath Aayan Programme" by MoE Government of India and Skill & Personality Development Program center (SPDP) for SC/ST students by AICTE.
- ✓ We Received a total grant of Rs.21 Lakhs under MSME Idea Hackathon 3.0 (Women) sanctioned by the Ministry of Micro, Small & Medium Enterprises, Government of India.
- ✓ Our institution is a recipient of distinguished awards and recognitions namely Innovative Project Award and Youth Conclave Award from INAE, Hackathon Award, IEEE and Premier Institution Award from the Institution of Engineers (India).

Total Placement Offer

2024 - 2025 : 1056*

*(as on date)

