

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

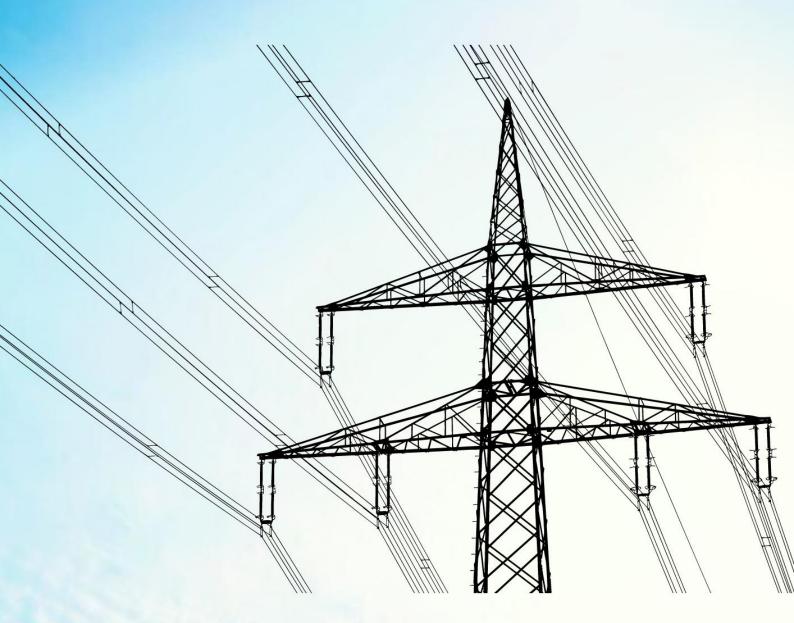
OMR, CHENNAI - 119, TAMILNADU, INDIA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NEWSLETTER

MARCH - 2024



TO KNOW MORE ABOUT THE DEPARTMENT ACTIVITIES
PLEASE VISIT

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

Acknowledgement

We sincerely thank our beloved Chairman Dr.B.Babu Manoharan, Managing Director Mr.B.Shashi Sekar, Executive Director Mrs.S.Jessie Priya and Principal Dr.P.Ravichandran for their motivation, guidance and support.



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



Mr.B.Shashi Sekar M.Sc., Managing Director



Mrs.S.Jessie Priya
M.com.,

Executive Director



Dr.P.Ravichandran M.Tech.,Ph,D. Principal

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Vision

To become a well renowned in the field of Electrical and Electronics Engineering by imparting knowledge and inculcating ethical values to serve the global society.

Mission

To inculcate knowledge of fundamental principles and make the students competent in the field of Electrical and Electronics Engineering.

Program Educational Objectives

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

Program Specific Outcomes

- o Our graduates will be able to understand the basic concepts related to engineering and technology with enhanced problem solving skills.
- Our graduates, with high proficiency in Electrical and Electronics Engineering will be able to exhibit technical knowledge in industrial and entrepreneurial focus.
- 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.

BEST OUTGOING STUDENT

Our department congratulates Nirmal S for his outstanding achievement in being awarded the prestigious Best Outgoing Student Award. We extend our heartfelt congratulations to Nirmal S on this remarkable accomplishment.





Prize Winners

The department of EEE takes immense pleasure in congratulating the following students for their outstanding performance for winning the competitions in various Engineering Colleges. Their diligence and passion have resulted in this well-deserved success. Let their achievement serve as an inspiration to others. Heartfelt congratulations!

S.No	NAME	DATE	EVENT	COLLEGE NAME	PLACE AND PRIZE		
	III YEAR						
1 AISHWARYA P SENTHIL VELAN R	AISHWARYA P	02.03.2024	TECH QUIZ	Easwari Engineering College	I Rs. 600/-		
	SENTHIL VELAN R		TRY CIRCUIT		II Rs. 150/-		
2	AISHWARYA P BAVASRIVATHANI B DANASIRI PA	01.03.2024	BUSINESS PLAN COMPETITION	St.Joseph's Institute of Technology	II Rs.1000/-		
	II YEAR						
3	ARVIND V KAMLESH J		ELECTRONIC ENIGMA	Easwari Engineering	I Rs. 300/-		
				College			
4	AKASH K SHRIRAAM R R		CIRCUIT DEBUGGING		II Rs. 200/-		

STUDENTS RECEIVING CERTIFICATES FROM THE JUDGES



TECH QUIZ



TRY CIRCUIT



ELECTRONIC ENIGMA



CIRCUIT DEBUGGING



BUSINESS PLAN COMPETITION



Approved by AICTE, New Delhi and Affilated to Anna University









DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONGRATULATIONS

The Management, Principal, Faculty members and students are pleased to congratulate the following students for winning the competitions in 27th National level Symposium organized by Easwari Engineering College on 2nd March 2024.

S.No	Name	Year	Event	Place and Prize
1.	Aishwarya P		Tech Quiz	I Rs 600/-
2.	Senthil Velan R	111	Try Circuit	II Rs 150/-
3.	Arvind V Kamlesh J		Electronic Enigma	I Rs 300/-
4.	Akash K Shriraam R R	H	Circuit Debugging	II Rs 200/-

060324

CHAIRMAN



St. JOSEPH'S INSTITUTE OF TECHNOLOGY St. Joseph's Group of Institutions
OMR. Change: 119



Approved by AICTE, New Delhi and Affilated to Anna University









DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONGRATULATIONS

The Management, Principal, Faculty members and students are pleased to congratulate the following students for winning the competition conducted by Entrepreneurship Club, St. Joseph's Institute of Technology OMR, Chennai-119.

5.No	Name	Year	Date	Event	Place and Prize
1.	Aishwarya P		01.03.2024	Business Plan Competition	II Rs.1000/-
2.	Bavasrivathani B	111			
3.	Danasiri P A				



CHAIRMAN



0603214

WINNERS CERTIFICATES (III YEAR)















WINNERS CERTIFICATES (II YEAR)









Department Activities

PROJECT EXPO BY FINAL YEAR STUDENTS

Our Department's Final Year Project Expo, held on March 20th, provided junior students with insights into innovative projects developed by seniors. Through interactive presentations, juniors gained inspiration and practical knowledge in renewable energy, automation, and IoT. Mentorship opportunities fostered collaboration and guidance, preparing juniors for their future projects. The event encouraged camaraderie and community within the department, promoting a supportive learning environment. As juniors plan their academic journey, the Expo catalyses their growth and aspirations in electrical and electronics engineering.



Placement Activities

PLACEMENT DETAILS – BATCH (2020-2024)

We are delighted to share the exciting news that our students have secured a coveted position with various companies. Their hard work, dedication, and skills have opened doors to new opportunities. The department extends warm congratulations to these students for their significant achievements. May this placement be the first step toward a successful and fulfilling career journey.

Sl. No	REGISTER NUMBER	NAME OF THE STUDENT	COMPANIES PLACED
1.	312420105007	NIRMAL S	BYJU'SQSPIDERSCONSERVESOLUTIONS
2.	312420105003	JESSY K	JSE NGINEERINGPVTLTDPICKYOURTRIAL
3.	312420105006	MERIN STEPHA J	KEYENCEPICKYOURTRIAL
4.	312420105001	DANIEL M	 JSE ENGINEERING PVT LTD
5.	312420105009	PAUL ANDREW M	o JSE ENGINEERING PVT LTD
6.	312420105004	JUNISH EZRA	o GK POWER
7.	312420105011	SANJAY KATHIRESAN K	o QSPIDERS

MOCK INTERVIEW SESSION FOR 3rd YEARS

Our Department recently conducted a Mock Interview event on March 16, 2024, tailored for 3rd-year students. This session provided a crucial platform for students to refine their technical prowess and boost their confidence as they prepare for the professional realm. Students engaged in simulated interviews with seasoned industry professionals, receiving meticulous feedback to enhance their interview skills. The event fostered invaluable networking opportunities, bridging connections between students and industry experts.



MOCK INTERVIEW CONDUCTED BY OUR ALUMNI

WORKSHOPS FOR 3rd YEARS

We are delighted to share the success of the recent workshop organized by our Department on POWER BI, held from March 13 to March 14, 2024. This workshop marked a significant milestone in equipping our 3rd-year students with essential skills in data visualization and analysis.

The objectives of this POWER BI Workshop are as follows:

- Engaging sessions and hands-on activities provided practical insights into data visualization and analysis.
- Students learned to leverage POWER BI features, create visually compelling dashboards, and analyse data.
- Real-world applications demonstrated POWER BI's effectiveness in various industries.





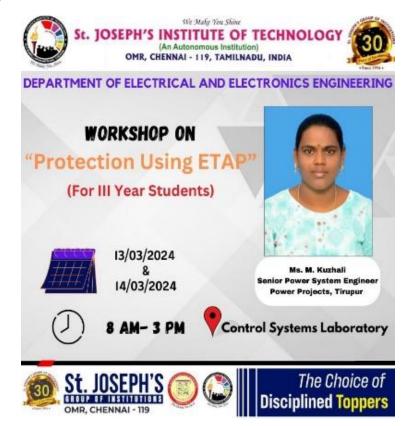


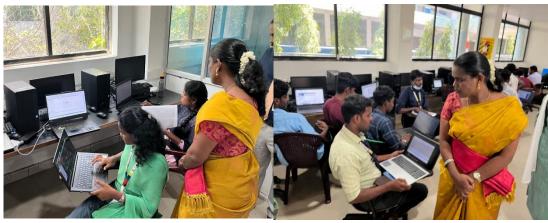
GLIMPSES OF POWER BI SESSION

Our department also conducted a workshop on "Protection Using ETAP" held on March 13th and 14th, 2024, the workshop aimed to equip our 3rd-year students with essential skills and knowledge in power system protection using ETAP software.

Outcomes of this Workshop are as follows:-

- o Provide insights into power system protection with ETAP software.
- o Hands-on experience in modelling protection schemes and fault analysis.
- o Real-world application demonstrated through case studies.
- Interactive learning environment encouraged discussions and peer exchange.





PRACTICAL SESSION ON ETAP

Guest Lectures

Our department hosted many dynamic guest lectures, offering students valuable insights from industry experts. Through interactive discussions and presentations, attendees gained practical knowledge and explored emerging trends in electrical engineering. This event exemplified the department's commitment to holistic education and professional development in the rapidly evolving field of EEE.

RECENT TRENDS IN ELECTRIC VEHICLE TECHNOLOGY

Our department recently hosted an enlightening guest lecture on the "Recent Trends in Electric Vehicle," featuring the esteemed Dr. G.A. Rathy as the distinguished speaker. With a commitment to staying at the forefront of technological advancements, the department eagerly organized this event to provide students and faculty with valuable insights into the dynamic landscape of electronics.



GLIMPSES OF EV SESSION

RECENT TRENDS IN ROBOTICS

Our department recently orchestrated an illuminating guest lecture focused on "Recent Trends in Robotics," featuring the esteemed Dr. P.V. Manivannan as the distinguished host. With an unwavering commitment to staying abreast of cutting-edge advancements in technology, the department eagerly organized this event to offer students and faculty invaluable insights into the rapidly evolving realm of robotics. Dr. Manivannan's extensive expertise and pioneering contributions in the field promised an engaging discourse on emerging innovations and transformative developments shaping the landscape of robotics.





SESSION ON RECENT TREND IN ROBOTICS

Industrial Visits

110/33-11 KV SUBSTATION VISIT

In a bid to enrich the academic journey of second-year students, the Department orchestrated a transformative industrial visit to the 110/33-11KV Substation located in Madambakkam on 14th March 2024. Serving as a beacon of practical learning, the visit provided students with a rare opportunity to witness firsthand the real-world applications of their theoretical knowledge within the energy sector. Guided by professionals, students navigated through the workings of the substation, delving deep into the complexities of voltage regulation, grid management, and power distribution. The industrial visit not only deepened their understanding of the subject matter but also ignited a newfound passion for the industry, reaffirming their career aspirations. As they returned to the classroom, students carried with them not only memories but also a renewed sense of purpose and direction, highlighting the transformative power of practical learning in shaping the minds and futures of the next generation of energy professionals.



INDUSTRIAL VISIT TO MADAMBAKKAM 110/33-11KV SUBSTATION





Student Chapters

The Institution of Engineers (India) (IEI)



The Institution of Engineers (India), commonly referred to as the IEI, is a prominent national organization that represents engineers in India. With over one million members spanning across 15 different engineering disciplines, the IEI holds a significant position as the world's largest multi-disciplinary engineering professional society. Our department conducted Guest Lecture title "The Major Opportunities that Shape the Future of the Electrical Vehicles in India" on 19/03/2024 in collaboration with IEI.







SESSION ON MAJOR OPPORTUNITIES THAT SHAPE THE FUTURE OF THE ELECTRICAL VEHICLES

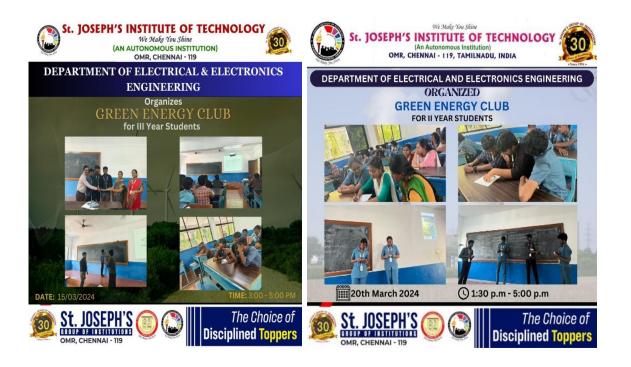
Activities

Green Energy Club

The Green Energy Club, in collaboration with the Department of Electrical and Electronics Engineering (EEE), organized an event to promote sustainable energy practices.

The objectives of this event are

- o Develop deeper into the complexities of renewable energy technologies and their integration into modern power systems.
- o Encourage critical thinking and innovation in devising sustainable energy solutions.
- o Gain invaluable insights into the latest developments and trends shaping the renewable energy sector.
- o Empower students with a holistic understanding of green energy principles and practices.
- o Drive meaningful change towards a more sustainable and resilient energy future.



Alumni Talks

The alumni talks provided an invaluable opportunity for current students to gain insights and inspiration from esteemed graduates who have excelled in their respective fields. These talks served as a bridge between academia and the professional world, allowing alumni to share their journeys, experiences, and valuable advice with younger minds.

ROHITH. S (2019-2023)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organised

ALUMNI TALK

for II year students on

Career Opportunities in Core Industry



Rohith S

Batch (2019-2023)

Graduate Trainee

Titan Engineering and Automation, Hosur



14/03/2024

St. Joseph's College of Engineering YOU CHOOSE, WE DO IT

St. Joseph's Institute of Technology
WE MAKE YOU SHINE

The Choice of **Disciplined Toppers**

SAJANYA SEKAR (2017 – 2021)



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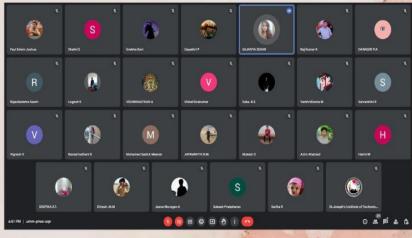
ALUMNITALK

on

STRATEGIC STEPS TO CRACK HCL PLACEMENT FOR III YEAR STUDENTS



Sajanya Sekar (2017-2021 BATCH) Hardware Design Engineer HCL Technologies





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



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SHERIN INIYA. S (2014 – 2018)



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Department of Electrical and Electronics Engineering



organised Alumni talk on

Personal growth and Career development







For III year students



04/03/2024 2:00 - 3:00PM BY : Sherin Iniya S (2014-2018)batch Senior Software Developer in

Robert Bosch









VIJAY. S (2015 - 2019)



We Make You Shine

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OMR, CHENNAI - 119, TAMILNADU, INDIA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ALUMNI TALK

AN

TIPS TO CRACK SOLITON INTERVIEW For III Year Students





S. VIJAY
Engineer - Train Electrical
ALSTOM

(Batch 2015 - 2019) on campus placed in SOLITON



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



17th March 2024



2:30 p.m - 3:30 p.m



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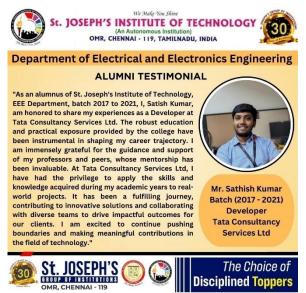


The Choice of Disciplined Toppers

Alumni Testimonials

Testimonials from former students of the Electrical and Electronics Engineering (EEE) Department consistently resonate with themes of appreciation, achievement, and enduring influence. Graduates nostalgically reminisce about the academic program, which was enhanced by practical projects and pioneering research prospects. Numerous alumni attribute their growth to the department's esteemed faculty, who not only honed their technical skills but also instilled in them ethical values and leadership traits. In addition to academic pursuits, former students frequently emphasize the lively environment and spirit of collaboration nurtured within the department, where bonds of friendship and professional networks persist long after graduation.





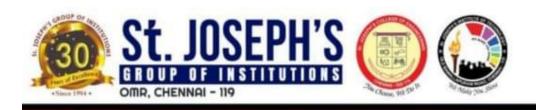
Editorial

Staff Editorial

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

Student Editorial

- 1. Akash K
- 2. Kamlesh J
- 3. Shriraam R R



St Joseph's Institute of Technology

Department of Electrical and Electronics Engineering

DEPARTMENT REWARD WINNERS

Congratulation

2022 - 2026



Mr.AKASH K S/O Mr.KANNAN K R Mrs.RADHA K CGPA: 9.02



2021 - 2025



Ms.AISHWARYA P D/O Mr.PALANI KUMAR S Mrs.MANJULA P CGPA: 9.48



Mr.DINESH M M S/O Mr.MURUGAN M Mrs.SHANTHI M CGPA: 9.23



Ms.GAYATHRI P D/O Mr.PRAKASH S Mrs.LALITHASRI P CGPA: 9.10



MR.SIVAPRAKASH S S/O Mr.SIVAKUMAR K Mrs.PORKKALAI S CGPA: 9.01

St. Joseph's College of Engineering YOU CHOOSE, WE DO IT
St. Joseph's Institute of Technology
WE MAKE YOU SHINE



The Choice of Disciplined Toppers



About College

- We motivate and prepare our students to excel in all aspects.
- ✓ 12 years of academic excellence in Engineering Education, offering 6 UG programs and 1 PG program.
- Secured 39 University Ranks with 1 Silver medal since inception.
- ✓ The courses offered (B.E. CSE, ECE, EEE, Mech. Engg. & B.Tech.-IT) have been accredited by NBA in 2017 in the shortest span of 6 years since inception, which ascertains our quality.
- → Rated 4.5 Stars by the Institution's Innovation Council (IIC) of Ministry of Education, Govt. of India.
- Ranked at 'Performer Band' in Atal National level Ranking (ARIIA -2021) by Ministry of Education, Govt. of India.
- Associate Member of ICT Academy, Department of Information Technology, Government of Tamilnadu.
- 'National Employability Award' by Aspiring Minds (SHL), received every year since 2021.
- Recognized as the Nodal Centre of ISRO-IIRS outreach program to conduct live and interactive courses.
- Recognized Skill Development Centre for Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Ministry of Skill Development & Entrepreneurship (MSDE) implemented by National Skill Development Corporation.
- Selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and "Skill
 and Personality Development programme Centre (SPDP)" for SC/ST students by AICTE, New Delhi.
- Recognized as the 'Best Exam Preparatory Centre' for conducting Business English Certificate (BEC) examination by Cambridge ESOL for the past years in India & one among 25 South Asia Best Preparatory Centres.
- Received notable awards and recognitions namely Innovative Project Award and Youth Conclave Award from INAE, Hackathon Award, IEEE and TNSCST Student Project Fund.
- Approval has been granted by AICTE for IDEA lab worth Rs 110 lakhs under self-finance scheme.
- Received 2 International Travel Grants from IEEE Photonics society by our students for attending International Conferences in USA.
- Received grants from SERB & AICTE for conduction of IEEE supported International conference & MSME for startup project.
- Conducted 7 International Conferences periodically since 2016.
- Excellent Sports recognitions at National and International level.