



We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

OMR, CHENNAI - 119, TAMILNADU, INDIA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NEWSLETTER

APRIL - 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

- To provide foundation in their fields such as circuit theory, Field theory, control theory and computational platforms.
- 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.
- To motivate and prepare the students for a successful career in the industry or higher education.
- To create an awareness for lifelong learning and inculcate professional ethics.

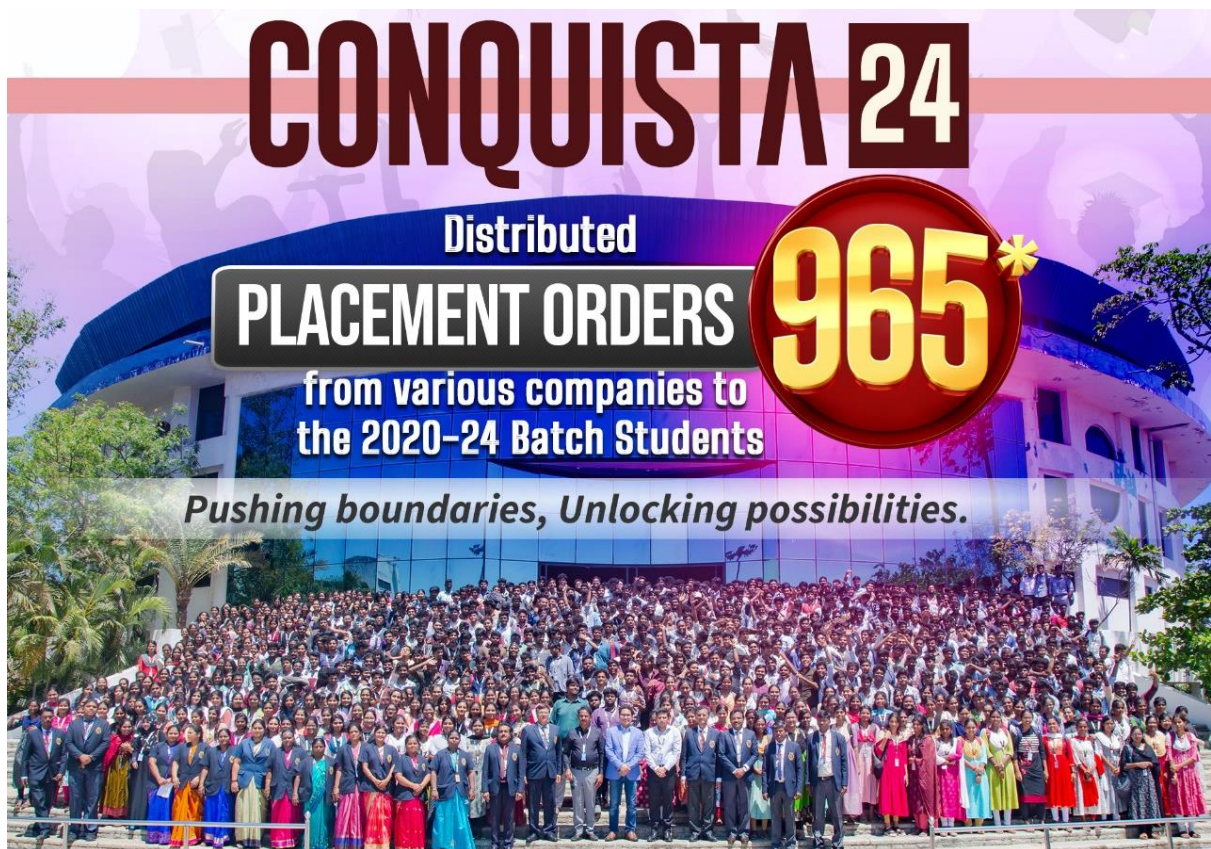
Program Specific Outcomes

- 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.

CONQUISTA'24

St. Joseph's Group of Institutions serve as incubators of talent, nurturing students to become skilled professionals ready to make their mark in the world. Among the most significant milestones in a student's academic journey is securing placement in esteemed companies. This achievement not only validates their hard work and dedication but also underscores the college's commitment to excellence in education. Celebrating such accomplishments is not just a ceremony; it's a testament to the symbiotic relationship between educational institutions and their students.

Celebrating the achievements of students who have been placed in companies is a hallmark of college culture. It marks the culmination of years of hard work, dedication, and the acquisition of knowledge and skills. Through these celebrations, colleges send a powerful message: that excellence isn't just an ideal—it's a standard to aspire to. By honoring the achievements of their students, colleges reaffirm their commitment to fostering a culture of excellence and employability. They demonstrate their belief in the transformative power of education to shape lives, empower individuals, and drive positive change in the world.



Student Achievements

The Smart ID card and Attendance System is a novel idea that helps to eradicate the human error involved in taking attendance every day, also it promotes safe sanitation in the premises. The project involves face recognition and a bar/QR scanner for taking attendance. The system is accurate and it helps in maintaining the records perfectly. As the world moves towards the better technology, we must equip ourselves to keep up with the trends. It is to be noted that this project implements the latest technology to execute the given task.

A photograph showing a man in a dark suit presenting a blue folder to a woman in a pink and white sari. Another woman in a purple sari stands beside her. The background is a modern interior with glass walls.

FELICITATED BY OUR BELOVED CHAIRMAN

TEAM MEMBERS
SHALINI S
VARSHNI KANNA M
STEFFY GRAN J

MENTOR
DR. D. KIRUBAKARAN
PROFESSOR & HOD

DEPARTMENT
ELECTRICAL AND ELECTRONICS ENGINEERING

PROJECT TITLE
SMART SCHOOL ID CARD

MSME IDEA HACKATHON 3.0 [WOMEN] **GRANT APPROVED Rs. 6 LAKH**

Placement Activities

PLACEMENT DETAILS – BATCH (2020-2024)

We are delighted to share the exciting news that the has 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
01.	312420105007	NIRMAL S	<ul style="list-style-type: none">○ BYSJU'S○ QSPIDERS○ CONSERVE SOLUTIONS
02.	312420105003	JESSY K	<ul style="list-style-type: none">○ PICKYOURTRIAL○ JSE ENGINEERING PVT LTD
03.	312420105006	MERIN STEPHA J	<ul style="list-style-type: none">○ KEYENCE○ PICKYOURTRIAL
04.	312420105001	DANIEL M	<ul style="list-style-type: none">○ BHARAT FIH
05.	312420105004	JUNISH ESRA P	<ul style="list-style-type: none">○ BHARAT FIH○ GK POWER
06.	312420105009	PAUL ANDREW M	<ul style="list-style-type: none">○ BHARAT FIH○ JSE ENGINEERING PVT LTD
07.	312420105011	SANJAY KATHIRESAN K	<ul style="list-style-type: none">○ QSPIDERS

Summer Internship Program

The internship program aimed to bridge the gap between theoretical knowledge and practical skills by providing hands-on experience to school students in the various fields of electrical and electronic engineering, such as electrical vehicles, the Internet of Things and Robotics. And also software domains such as editing using Canva And Adobe Photoshop, and some basics of programming and App development.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SUMMER INTERNSHIP TRAINING PROGRAM

15th April 2024
to
24th May 2024
5 Days Each

6 SLOTS
Available

CERTIFICATES
will be issued for
all participants

EXCLUSIVELY FOR STUDENTS
COMPLETING CLASS XI & XII

Technology Extravaganza

Day 1

- Overview of power system and career opportunities
- Solar PV Technologies and hands on
- Basic wiring system (demo)
- Safety and precautions (video display)

Day 2

- Trends on Electric Vehicles
- Overview and types of EVs, challenges
- App development - EV SOA
- Lab session - EV demonstration

Day 3

- Glimpses of Robotics technologies
- Embedded system design
- Applications of Internet of things

Day 4

- Adobe Photoshop
- Audio/Video Editing
- Special Effects

Day 5

- Blender Animation
- Animation Tools

Contact:
 hodeeee@stjosephstechnology.ac.in
 +91 98400 09248

<https://stjosephsgroup.org/sjit/eee>

SCAN HERE
BOOK
Ur Slot

FOOD & TRANSPORT WILL BE PROVIDED

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SUMMER INTERNSHIP TRAINING PROGRAM – SCHEDULE

HOUR/DAY	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 11.15 AM	11.15 AM to 12.30 PM	12.30 PM to 01.40 PM	01.40 PM to 02.20 PM	02.20 PM to 03.00 PM
MONDAY 22.04.2024	About the college & department	Overview of Power Systems	B R E A K	Basic wiring and safety systems	Solar PV technologies	L U N C H	C O M P E T I T I O N S
TUESDAY 23.04.2024	Trends in EV			Overview & Challenges in EV	Electric Vehicle Demonstration		
WEDNESDAY 24.04.2024	IoT Presentation			Robotics Technologies	IoT & Robotics Lab Session		
THURSDAY 25.04.2024	Canva Editing			Adobe Photoshop	Video Editing		
FRIDAY 26.04.2024	Basics of Programming			Overview Of App Development	Animation		Prize Distribution



Workshop

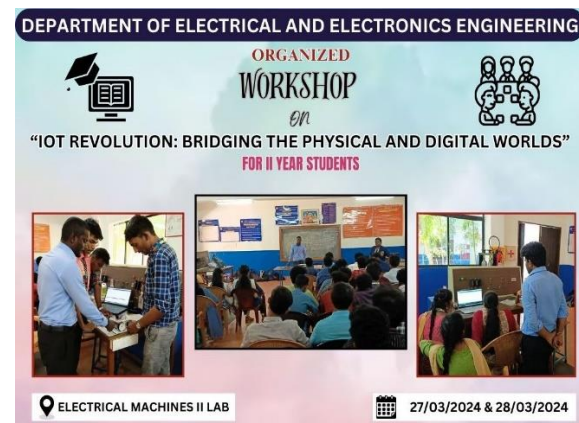
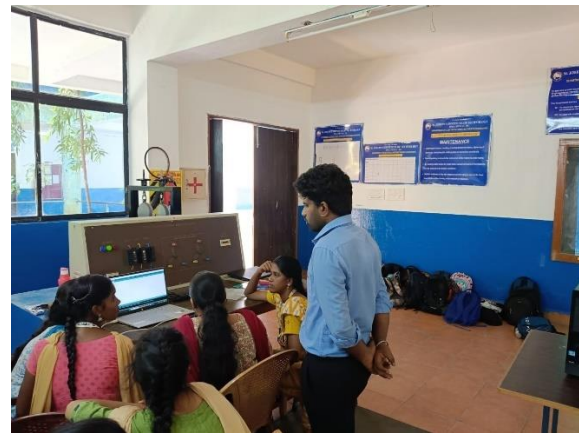
WORKSHOPS FOR 2ND YEAR STUDENTS

We are delighted to share the success of the recent workshop organized by our Department on Internet of Things (IoT) Revolution: Bridging the Physical and Digital Worlds, held from March 27 to March 28, 2024. Mr. E. Arun Kumar, Vice President, RE tech Solutions Pvt Ltd for II-year EEE students with total strength of 55

This workshop marked a significant milestone in equipping our 2nd-year students with essential skills in problem-solving, networking and interdisciplinary collaborations

Outcomes of Internet of Things (IoT) Workshop are as follows:

- The basic usage of the Arduino environment for creating own embedded projects.
- Working on open platforms to store data from sensor to the Cloud.



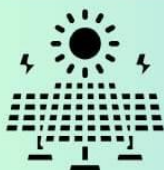
Guest Lectures

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.

SOLAR PV TECHNOLOGIES AND ITS APPLICATIONS

Our department recently hosted an enlightening guest lecture on the "Solar PV Technologies and its Applications," featuring the esteemed Dr. K. Pushpanathan 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. Dr. K. Pushpanathan's expertise and experience promised an engaging discourse on emerging innovations and transformative developments shaping the field.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ORGANIZED GUEST LECTURE ON "SOLAR PV TECHNOLOGIES AND ITS APPLICATIONS"



08th April 2024


09:30 - 11:00 AM




Prize Winners

The department of EEE takes immense pleasure in congratulating the following students for their outstanding performance in competitions conducted 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!


Sl. No	STUDENT NAME	EVENT	ORGANISING COLLEGE	PRIZE WON
III YEAR				
01.	AISHWARYA P	TECH MARVELS	St. JOSEPH'S INSTITUTE OF TECHNOLOGY	III Rs. 5000/-
02.	SENTHIL VELAN R			
03.	MADHAN KUMAR A			





St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
OMR, CHENNAI - 119, TAMILNADU, INDIA



Approved by AICTE, New Delhi and Affiliated to Anna University


Cambridge
English Qualifications


ARIIA
ACHIEVEMENTS IN RESEARCH AND INNOVATION



INSTITUTIONS
INNOVATION COUNCIL


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 with cash prize and certificates in **Intra College Project Expo - Tech Marvels** held on 4th April 2024.

III YEAR EEE STUDENTS



Aishwarya P


Senthil Velan R


MadhanKumar A

PROJECT MENTOR
Dr.D. KIRUBAKARAN
Professor & HOD

Position : III
Prize : Rs. 5,000/-
Title : Vehicle to Vehicle Wireless Charging



0504215 CHAIRMAN



Club Activities

Green Energy Club

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

The objectives of this event are

- Delve into the intricate workings of renewable energy technologies and their integration within contemporary power systems.
- Inspire analytical thought and inventive approaches in crafting sustainable energy solutions.
- Obtain valuable perspectives on the most recent advancements and shifts influencing the renewable energy landscape.
- Equip students with a comprehensive grasp of the principles and applications of green energy.
- Champion impactful transformations towards a future powered by resilient and sustainable energy sources.



(Green Energy Club prize winners)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANIZES

Green Energy Club

for

I YEAR STUDENTS



05/04/2024
1.30 PM TO 5.00 PM



CLASSROOM
BLOCK



GREEN ENERGY CLUB

FOR II YEAR STUDENTS



Alumni Talks

The alumni talk offered a priceless chance for current students to connect with accomplished graduates who once walked the same halls. These sessions acted as a heartfelt link between academic life and the real world, where alumni generously shared their personal stories, triumphs, and wisdom with eager young minds. It was a touching exchange that left a lasting impression, inspiring students to dream big and navigate their own paths with confidence and purpose.

JENIFER GONSALVES E

Batch (2017 – 2021)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ORGANIZED
ALUMINI TALK
ON
"FROM CAMPUS TO CAREER : NAVIGATING THE PATH TO PROFESSIONAL SUCCESS"
For II Year Students



JENIFER GONSALVES E
Batch (2017 - 2021)
Junior Consultant - Testing
HCL Technologies

10/04/2024

DEVIMMA K
Batch (2019 – 2023)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANIZED

ALUMNI TALK

ON

"NAVIGATING SUCCESS IN THE STARTUP WORLD"

For II Year Students



DEVIMMA K
Batch (2019- 2023)
Policy Bazaar



13/04/2024

Editorial

Staff Editorial

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

Student Editorial

1. Akash K
2. Gayathri K U
3. Kamlesh J
4. Shriraam R R

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Student Toppers Secured 8.5 CGPA and Above (Upto Sem III)

Batch 2022 - 2026



Akash K
312422105004
9.06



Gopika V
312422105015
8.94



Sharon Juliet P F
312422105047
8.81



Aadithya S
312422105002
8.79



Karppakamalar S
312422105024
8.74



Gayathri K U
312422105014
8.69



Kishore Kumar C
312422105028
8.68



Kokilavani E
312422105029
8.64



Karthiyayini P
312422105025
8.61



Sharan Shaagithiya
312422105046
8.58



Kuvvarapu Rasmitha
312422105031
8.57

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Toppers secured 8.5 CGPA and above (Up to V Sem)

Batch (2021 - 2025)



312421105001
AISHWARYA P
9.45



312421105013
DINESH M M
9.27



312421105016
GAYATHRI P
9.16



312421105055
VARSHNI KANNA M
9.04



312421105049
SIVAPRAKASH S
8.99



312421105046
SARIHA R
8.94



312421105047
SENTHIL VELAN R
8.88



312421105043
SAIVARSHINI R
8.81



312421105033
NARMADHA K
8.70



312421105021
JEEVA MURUGAN A
8.55



312421105020
JAYAVANTHI B M
8.53



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Batch 2020 - 2024



NIRMAL S

312420105007

8.70



MERIN STEPHA J

312420105006

8.66



JESSY K

312420105003

8.59



St. JOSEPH'S
GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



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.