



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

MAY - 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.

PLACEMENT DETAILS

The Department of Electrical and Electronics Engineering congratulates students on their placements! Your dedication and hard work have paid off. We thank the placement teams, mentors, and industry partners for their support. Wishing you all success in your careers. Congratulations!

S.No.	NAME OF THE STUDENT	NAME OF THE COMPANIES PLACED
1.	AISHWARYA P	- HEXWARE TECHNOLOGIES - INFOSYS - COGNIZANT
2.	AMALA GRACEWIN S	NUMAX ENERGY SOLUTIONS
3.	ARUN A	NUMAX ENERGY SOLUTIONS
4.	ASWIN N	NUMAX ENERGY SOLUTIONS
5.	AZIMAHAMED A	MUSIGMA
6.	BAVASRIVATHANI B	FEEFO ELECTRO PRODUCTS
7.	DEEPIKA S T	YAMAHA MUSIC INDIA PVT LTD
8.	DHARUN ANAND S	BNP PARI BAS
9.	DHEVIN ANANDA RAJ A S	MAGNETIC AND CONTROLS
10.	DIVAKAR S	NUMAX ENERGY SOLUTIONS
11.	GAYATHRI P	- MUSIGMA - ACCENTURE - RENAULT NISSAN - LTI-MINDTREE
12.	HARSHAG	INFOSYS
13.	JAYAVANTHI B	ELMEASURE INDIA PVT LTD
14.	JEEVAMURUGANA	- MITSOGIO - LTI-MINDTREE
15.	KARTHICK S	INFOSYS
16.	LOGESH K	- ELMEASURE INDIA PVT LTD - SWITCHING BATTERY
17.	MUKESH S	ELMEASURE INDIA PVT LTD

18.	MUKILAN S	• NUMAX ENERGY SOLUTIONS
19.	MUTHU SELVAM S	• MAGNETIC AND CONTROL
20.	NADANAVIGNESHWARAR S	• RENAULT NISSAN
21.	NARMADHA K	• INFOSYS
22.	PRAVEEN KUMAR K	• MAGNETIC AND CONTROLS
23.	RAJA VIKARAMA ASWIN K R S	• INFOSYS
24.	RAJ KUMAR K	• INFOSYS
25.	SAIVARSHINI R	• HEXAWARE • ACCENTURE
26.	SANTHIYA R	• ELMEASURE INDIA PVT LTD
27.	SARIHA R	• ELMEASURE INDIA PVT LTD
28.	SENTHIL VELAN R	• AVASOFT • KEYANCE
29.	SNEKA K	• YAMAHA INDIA MUSIC PVT LTD
30.	SHALINI S	• CAPEGEMINI
31.	SIVAPRAKASH S	• SPK POWER INFRA PVT LTD
32.	SNEKHA R	• ELMEASURE INDIA PVT LTD
33.	STEFFY GRAN J	• SIX PHRASE • TATA ELECTRONICS
34.	SUBASH K	• NUMAX ENERGY SOLUTIONS
35.	VARSHINI KANNA M	• AVASOFT • HEXAWARE
36.	VIGNESHWAR R M	• ACCENTURE
37.	VISHWANATHAN A	• OEDEC ENGINEERING

IGEN ENERGATHON 2025

The Department of Electrical and Electronics Engineering proudly participated in IGEN Energathon 2025, a virtual event held on May 17, 2025, focused on the theme "UN Energy Policy: Challenges and Opportunities." Organized by the Institution of Green Engineers (IGEN) in alignment with UN Sustainable Development Goal 7 (Affordable and Clean Energy), the event featured student speakers Harsha G, Narmadha K, Madesh S, and Saivarshini R of final year, Dr.D.Kirubakaran, Professor & Head and Dr. P.Nisha, Assistant Professor. They presented on clean energy technologies, global challenges, and innovative solutions like AI in energy systems. The event enhanced awareness of energy policies, improved student research and presentation skills, strengthened involvement in sustainability efforts, and offered exposure to real-world energy issues and solutions - emphasizing the power of youth engagement in shaping a sustainable future.



IGEN ENERGATHON 2025



STUDENT ACHIEVEMENTS

The Department of Electrical and Electronics Engineering proudly congratulates the students on their outstanding performance in various competitions held at renowned engineering institutions. Their dedication, passion, and perseverance have rightfully earned them this remarkable success. May their achievements serve as a source of inspiration for others to pursue excellence with the same zeal and commitment. Heartfelt congratulations to all the achievers!

S. No.	Reg. No	Name	Title of Paper	Conference and Date	Name of the Organizing college
	312422105032 312422105030	Leo Sylvester C Ananda Rao L	Footstep Power Generation System	International Conference on Electrical, Electronics & Communication Technology (ICEECT-25) on 23rd May 2025.	PERI Institute of Technology
1.					
					

2.	312422105021 312422105052	John Berno Roy J Vignesh V	Street and Corridor Light Automation System using Arduino UNO	International Conference on Electrical, Electronics & Communication Technology (ICEECT-25) on 23rd May 2025.	PERI Institute of Technology
					
3.	312422105004 312422105009 312422105023 312422105025	Akash K Arvind V Kamlesh J Karthyayini P	Application of Network Reduction Techniques in Power System	International Conference on Multidisciplinary Solutions for Emerging Trends	Dhanalakshmi Srinivasan University
					

4.	312422105049 312422105029	Subasri S Kokilavani E	Real-Time Alcohol And Smoke Detection System Using Arduino UNO	International Conference on Electrical, Electronics & Communication Technology (ICEECT-25) on 23rd May 2025.	PERI Institute of Technology
5.	Dr. S. Hemalatha, K. Akash, and J. Kamlesh published an article “Application of Network Reduction Technique in Power System” in Journal of Neonatal Surgery				

AICTE QIP PG Certification Program

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CONGRATULATIONS



**Shortlisted for AICTE-QIP PG Certificate Program on
"Data Science and Quantum Computing"**



Mr. R. MANIVANNAN
Assistant Professor

@





Dr. N. P. GOPINATH
Assistant Professor

**ABV-INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY AND MANAGEMENT, GWALIOR, MADHYA PRADESH**

Naan Mudhalvan – Niral Thiruvizha 2.0

Muthuselvam S and Dhevinananda Raj A S, Final year students, along with Mr. R. Manivannan, Assistant Professor from the Department of Electrical and Electronics Engineering, successfully presented an innovative prototype on solar panel recycling at Anna University – CUIC. The presentation was part of Naan Mudhalvan – Niral Thiruvizha 2.0, held under the theme "Clean, Green & Renewable Energy." their project emphasized sustainable practices in solar energy by focusing on the efficient recycling of used solar panels, reflecting the departments commitment to eco-friendly innovation and student-driven research.



NPTEL ACHEIVERS

We are delighted to share that students from the Electrical and Electronics Engineering Department, across the 2nd and 3rd years, have earned prestigious Elite and Elite Silver certifications in the NPTEL examination. These accolades are a clear reflection of their unwavering dedication, exceptional perseverance, and in-depth expertise in their respective fields, raising the academic standards of our department. Attaining Elite and Elite Silver status highlights their outstanding academic proficiency, tireless pursuit of knowledge, strong work ethic and commitment to continuous growth. This remarkable achievement sets a high standard, inspiring both current and future students to strive for excellence in their academic and professional journeys. We take immense pride in their success, as it embodies the core principles of persistence, discipline, and intellectual excellence that our department values. Congratulations to all for this impressive accomplishment, which undoubtedly marks the beginning of even greater achievements to come.

II YEAR

S.No.	REGISTER No.	NAME	COURSE NAME	STATUS
1	312423105002	AKSHIYA PRIYADARSHINI S S	Introduction to Internet of things	Successfully completed
2	312423105003	AMARNATH S	Digital Design with Verilog	Elite
3	312423105005	ANUVARTHINI M	Introduction to Internet of things	Elite
4	312423105006	ARAVIND R	Sensors and Actuators	Elite
5	312423105009	BHUVANESH R	Sensors and Actuators	Elite
6	312423105010	BHUVANESHWARI M	Sensors and Actuators	Elite
7	312423105012	DEEPALAKSHMI A	Sensor and Accurator	Elite
8	312423105013	DHANUSRI B	Internet of Things	Elite
9	312423105016	DIVESH K	Sensors and Actuators	Elite Silver
10	312423105021	GOUTHAM K	Sensor and Actuators	Successfully completed
11	312423105022	GUNAL S	Sensors and Actuators	Elite
12	312423105023	HARIHARAN S	Digital Design with Verilog	Elite
13	312423105026	HARISHPRABHU R	Sensors and Actuators	Elite

14	312423105028	JANANI P	Sensors and Actuators	Silver
15	312423105029	JAYAKRISHNAN S	Human computer Interaction	Elite Silver
16	312423105029	JAYAKRISHNAN S	Large Applications Practicum	Elite
17	312423105029	JAYAKRISHNAN S	Programming in JAVA	Elite
18	312423105030	JEEVANANTHAM T	Sensors and Actuators	Elite
19	312423105031	JINO J V	Digital Design with Verilog	Elite
20	312423105032	R KARAN KUMAR	Sensors and Actuators	Successfully Completed
21	312423105033	KAVINRAGAVINYAA KR	Sensors and Actuators	Elite
22	312423105036	KEERTHANA M	Sensors and Actuators	Successfully Completed
23	312423105038	KUVVARAPU SHEEBA RANI	Introduction to Internet of things	Elite
24	312423105039	MADHAN P	Sensors and Actuators	Successfully Completed
25	312423105040	MAHALAKSHMI K	Introduction to Internet of things	Elite
26	312423105042	MANISH KUMAAR V	Sensors and Actuators	Successfully Completed
27	312423105043	MOHAMED IRFAN M	Sensors and Actuators	Successfully Completed
28	312423105044	MOULEESWARAN.N	Digital Design with Verilog	Elite
29	312423105047	NITHIYAPRAKASH G	Intelligent Control and Robotic Systems	Elite
30	312423105051	K.SADHAVARSHINI	Introduction to Internet of things	Elite
31	312423105052	SAFFERA PRASANNA J	Introduction to Internet of things	Successfully Completed
32	312423105053	SHAROFIN B S	Sensors and actuators	Silver
33	312423105054	CHIRRA SHINY	Introduction to Internet of things	Elite
34	312423105055	SHIVANI CS	Sensors and Actuators	Successfully Completed
35	312423105056	SRUTHILAYA P	Foundation of Cloud IoT Edge	successfully completed

36	312423105057	STEFFIN RAJ R	Sensors and Actuators	Elite
37	312423105059	SUBHA SREE B	Sensors and Actuators	Silver
38	312423105301	P. BALAJI	Internet of Things	Elite
39	312423105302	SANJAY.B	Sensors and Actuators	Elite

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DIVESH K
for successfully completing the course
Sensors and Actuators

with a consolidated score of **77** %

Online Assignments	21.16/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **3554**

Jan-Apr 2025
(12 week course)

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25EE76S680100102 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JANANI P
for successfully completing the course
Sensors and Actuators

with a consolidated score of **75** %

Online Assignments	22.75/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **3554**

Jan-Apr 2025
(12 week course)

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25EE76S143205961 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JAYAKRISHNAN S
for successfully completing the course
Human Computer Interaction (In English)

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.75/75
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Total number of candidates certified in this course: **3921**

Jan-Apr 2025
(12 week course)

Dr. Anand Srivastava
Coordinator
Continued Education Program, IITD

Prof. Andrew Thangiraj
NPTEL Coordinator
IIT Madras

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25CS38S659900672 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUBHA SREE B
for successfully completing the course
Sensors and Actuators

with a consolidated score of **75** %

Online Assignments	22.75/25	Proctored Exam	52/75
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Total number of candidates certified in this course: **3554**

Jan-Apr 2025
(12 week course)

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25EE76S658400177 To verify the certificate No. of credits recommended: 3 or 4

III YEAR

S.No.	REGISTER No.	NAME	COURSE NAME	STATUS
1.	312422105001	AADHITHYA T	Introduction to Machine Learning	Elite
2.	312422105002	AADITHYA S	Python for Data Science	Elite
3.	312422105003	ABINIVASAN S	Introduction to Internet of Things	Elite
4.	312422105004	AKASH K	Introduction to Industry 4.0 and Industrial Internet of Things	Elite
5.	312422105005	AMRITHA S	Introduction to Internet of Things	Elite Silver
6.	312422105006	ARAVINTH S	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
7.	312422105007	ARULBHARATHI A	Introduction to Internet of Things	Elite
8.	312422105008	ARUNPRAKASH N	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
9.	312422105009	ARVIND V	Sensors and Actuators	Elite
10.	312422105010	ASWIN BALAJI L K	Introduction to Internet of Things	Elite Silver
11.	312422105013	DIXIDHA J	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
12.	312422105015	GOPIKA V	Introduction to Industry 4.0 and Industrial Internet of Things	Successfully Completed
13.	312422105017	HARIPRASATH T	Introduction to Internet of Things	Elite
14.	312422105018	HEMATHARSHINI V	Programming in Java	Elite
15.	312422105019	INDUMATHI K	Natural Hazards	Elite
16.	312422105020	JEEVA K	Computer Vision and Image Processing – Fundamentals and Applications	Successfully Completed
17.	312422105022	JOHN ROY S	Introduction to Internet of Things	Elite Silver
18.	312422105023	KAMLESH J	Recent Advances in Transmission Insulators	Elite
19.	312422105024	KARPPAKAMALAR S	Introduction to Internet of Things	Elite Silver

20.	312422105025	KARTHIYAYINI P	Sensors and Actuators	Elite Silver
21.	312422105026	KAVI PRIYA J	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
22.	312422105027	KAVIYARASU P	Introduction to Internet of Things	Elite
23.	312422105028	KISHORE KUMAR C S	Introduction to Industry 4.0 and Industrial Internet of Things	Elite
24.	312422105029	KOKILAVANI E	Introduction to Industry 4.0 and Industrial Internet of Things	Successfully Completed
25.	312422105030	ANANDARAO K	Introduction to Internet of Things	Elite
26.	312422105032	LEO SYLVESTER C	Introduction to Internet of Things	Elite Silver
27.	312422105033	LOKESH MANICKAM K	Introduction to Internet of Things	Elite
28.	312422105035	MADILA KOTESH	Cloud Computing	Elite
29.	312422105036	MALLEESWARAN T	Introduction to Internet of Things	Elite
30.	312422105037	MOHAMED KASIM S	Introduction to Internet of Things	Successfully Completed
31.	312422105039	NATARAJ T	Introduction to Internet of Things	Elite
32.	312422105040	NAVIN KISHOR P	Introduction to Internet of Things	Successfully Completed
33.	312422105043	RUBAN V	Introduction to Industry 4.0 and Industrial Internet of Things	Elite
34.	312422105044	SANTHAKUMAR V	Introduction to Internet of Things	Completed
35.	312422105045	SARAVANAN K	Introduction to Internet of Things	Elite Silver
36.	312422105046	SHARAN SHAAGITHIYA S	Introduction to Internet of Things	Elite Silver
37.	312422105047	SHARON JULIET P F	Introduction to Internet of Things	Elite Silver
38.	312422105048	SHRIRAAM R R	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
39.	312422105050	SURENDAR R	Introduction to Internet of Things	Elite
40.	312422105052	VIGNESH V	Introduction to Internet of Things	Successfully Completed

41.	312422105053	VIGNESHWARAN G	Introduction to Industry 4.0 and Industrial Internet of Things	Elite
42.	312422105054	VIMAL A	Introduction to Internet of Things	Elite
43.	312422105055	VIMALESH V	Introduction to Industry 4.0 and Industrial Internet of Things	Elite Silver
44.	312422105056	YOGESH S	EV Vehicle Dynamics and Electric Motor Drives	Elite
45.	312422105057	YUGENDHIRAN V	Introduction to Internet of Things	Elite

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARTHIYAYINI PANNEERSELVAM
for successfully completing the course

Sensors and Actuators

with a consolidated score of **78** %

Online Assignments	24.06/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 3554

Jan-Apr 2025
(12 week course)

Indian Institute of Science Bangalore

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
LEO SYLVESTER C
for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of **83** %

Online Assignments	24.78/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 38143

Jan-Apr 2025
(12 week course)

Indian Institute of Technology Kharagpur

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHRIRAM R R
for successfully completing the course

Introduction To Industry 4.0 And Industrial Internet Of Things

with a consolidated score of **84** %

Online Assignments	25/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 13763

Jan-Apr 2025
(12 week course)

Indian Institute of Technology Kharagpur

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHARAN SHAAAGITHIYA S
for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 38143

Jan-Apr 2025
(12 week course)

Indian Institute of Technology Kharagpur

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ARAVINTH S
for successfully completing the course

Introduction To Industry 4.0 And Industrial Internet Of Things

with a consolidated score of **76** %

Online Assignments	23.13/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 13763

Jan-Apr 2025
(12 week course)

Indian Institute of Technology Kharagpur

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KAVI PRIYA J
for successfully completing the course

Introduction To Industry 4.0 And Industrial Internet Of Things

with a consolidated score of **76** %

Online Assignments	24.78/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 13763

Jan-Apr 2025
(12 week course)

Indian Institute of Technology Kharagpur

PROFESSIONAL SOCIETY ACTIVITY

BUG - SMASH

The Department of Electrical and Electronics Engineering, in association with IEEE and the Industrial Electronics Society (IES), organized a technical event titled "BUG-SMASH" on May 7, 2025. The event was exclusively conducted for II and III year EEE students with the objective of enhancing their coding skills, particularly in Python programming. The primary outcome of the session was to provide students with enlightening coding knowledge through hands-on debugging challenges and interactive problem-solving. The initiative received enthusiastic participation and was appreciated for promoting programming skills among students.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE - INDUSTRIAL ELECTRONICS SOCIETY



Organises



BUG-SMASH



A TECHNICAL EVENT

For II & III year EEE students

OUTCOME :

ENLIGHTENING CODING KNOWLEDGE



"MODE : ONLINE"

```
Let Clock = {  
    Hour : 06, Minute : 00, Period : "PM"  
    Date : 07, Month : "May", Year : 2025,  
};
```

ELEKTRA

The Department of Electrical and Electronics Engineering conducted a technical event titled ELECTRA on May 18, 2025, for **11th and 12th - grade students**, focusing on recent trends in electrical engineering. The event aimed to introduce students to emerging technologies such as electric vehicles, renewable energy systems, IoT-based energy monitoring, and automation. Sessions included expert talks, project demonstrations, and interactive activities that provided hands-on learning experiences. Participants enthusiastically, gaining valuable insights into the field. ELECTRA successfully ignited curiosity and awareness among young learners, encouraging them to explore career opportunities in electrical engineering and its ever-evolving technological landscape.



The poster for the ELECTRA technical event features a light beige background with decorative dotted patterns in the corners. At the top left is the logo of the Institution Innovation Council, Ministry of Education India. At the top right is a circular graphic of the 17 Sustainable Development Goals. The main text is centered, starting with 'Department of Electrical and Electronics Engineering organizes' in dark blue, followed by 'ELEKTRA' in large, bold, brown letters, and 'A TECHNICAL EVENT' in smaller dark blue letters. To the right of this text is an illustration of a white electric car charging at a station, with solar panels and wind turbines in the background. Below the main title, it says 'For 11th and 12th students'. The topic 'Topic: Recent Trends in Electrical Engineering' is written in large dark blue letters. At the bottom left, a calendar icon indicates the date '18 May 2025', and a clock icon indicates the time '10.00 am - 11.00 am'. At the bottom right is a QR code with the text 'Register Here' below it.

 INSTITUTION
INNOVATION
COUNCIL
(Ministry of Education India)



Department of Electrical and Electronics Engineering
organizes

ELEKTRA
A TECHNICAL EVENT



For 11th and 12th students

Topic: Recent Trends in Electrical Engineering

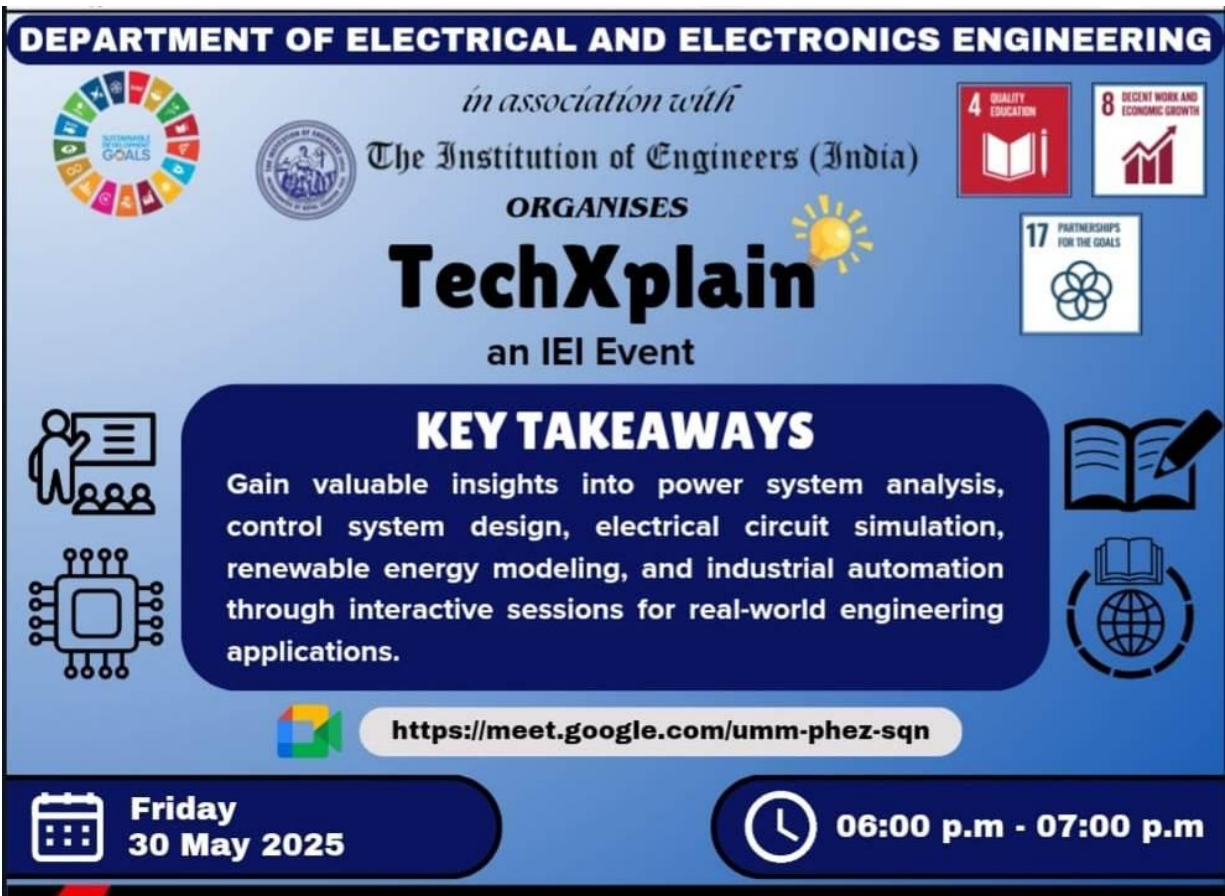
 18 May 2025

 10.00 am - 11.00 am


Register Here

TechXplain

The Department of Electrical and Electronics Engineering, in collaboration with The Institution of Engineers (IEI), organized a technical event titled "TechXplain" on May 30, 2025, exclusively for II and III year EEE students. The event aimed to enhance students' technical knowledge and skills by providing them with insights into the latest developments in electrical and electronics engineering. It featured expert lectures, interactive sessions on emerging technologies and innovations. The event fostered a deeper understanding of core engineering concepts and offered an excellent platform for students.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

in association with
The Institution of Engineers (India)
ORGANISES

TechXplain
an IEI Event

KEY TAKEAWAYS
Gain valuable insights into power system analysis, control system design, electrical circuit simulation, renewable energy modeling, and industrial automation through interactive sessions for real-world engineering applications.

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

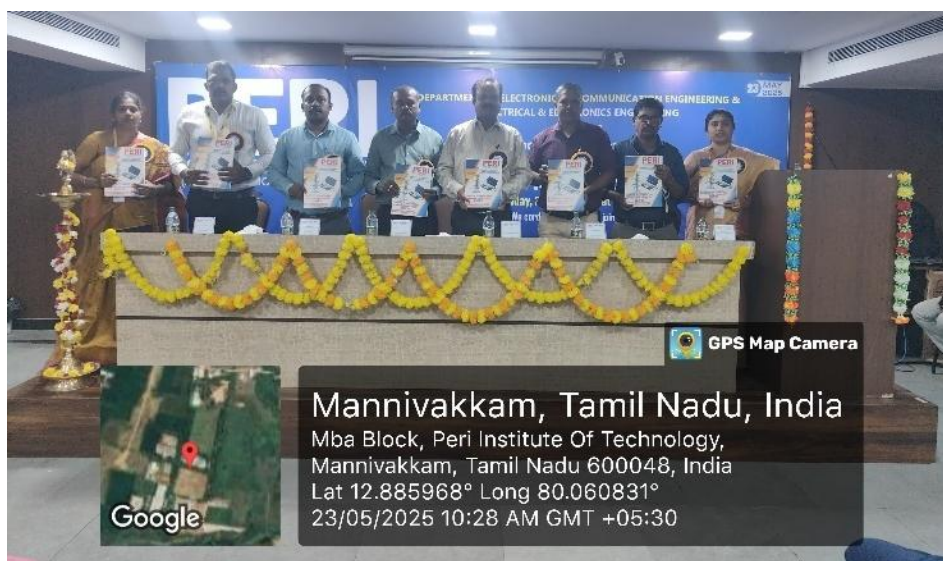
Friday
30 May 2025

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

The poster features several logos and icons: the United Nations Sustainable Development Goals wheel, the IEI logo, SDG icons for Quality Education (4), Decent Work and Economic Growth (8), and Partnerships for the Goals (17), a lightbulb icon, a person presenting to an audience, a microchip, an open book with a pencil, and a globe with a book.

STAFF ACHEIVEMENT

Dr. N.P. Gopinath, Assistant Professor, Department of Electrical and Electronics Engineering, served as the Chief Guest and Session Chair at the International Conference on Electrical, Electronics & Communication Technology (ICEECT-25) held on 23rd May 2025 organized by PERI Institute of Technology.



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

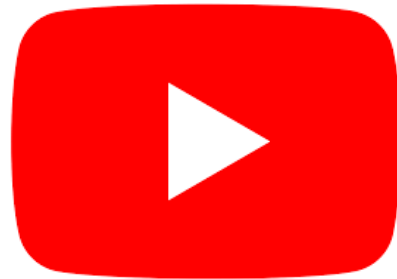
STUDENTS II Year

1. Akshiyapriyadharshini S S
2. Anjali Varshika VS
3. Aravind R
4. Divesh K
5. Harinee M

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Learn more on our department's website :

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

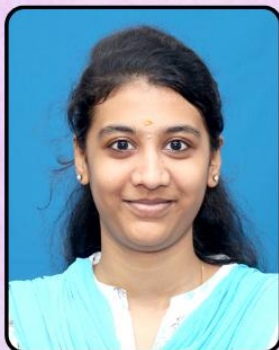
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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



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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).

