



**DEPARTMENT OF
 ELECTRICAL AND ELECTRONICS ENGINEERING**



1149
 Anna University
 Counselling Code



DEPARTMENT BROCHURE

Placement Offers



University Ranks



Inplant Training



Online Certifications



Internships



Student Achievers



Industrial Visits



Mini Projects



Guest Lectures



Workshops & VAC



Club Activities
45+

Placement Training
27+

Industrial Collaborators
10

IEEE Awards
9

Industry Collaborative
Labs
4

Professional
Bodies
3

Govt Funds
Received
3

Student
Chapters
2



Scan QR code
for our website

About the Department

- ✓ We started our journey in August 2011.
- ✓ We provide world class quality of education and individual attention.
- ✓ The department is strived by well qualified and experienced faculty members.
- ✓ The department is well equipped with industry collaborated laboratories and infrastructure.
- ✓ All the eligible students are getting placement regularly every year in reputed companies both in core and IT sector.
- ✓ Most of our students are securing valid score in GRE, TOFEL, ILETS, Duo lingo, CAT, GATE to pursue higher studies in India and Abroad

Vision

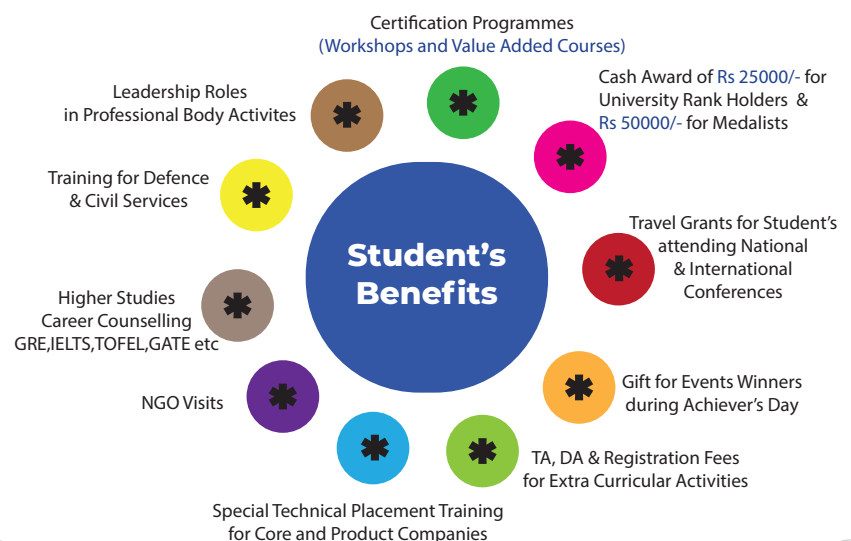
- ✓ To become a well renowned department in the field of Electrical and Electronics Engineering by imparting knowledge and inculcating ethical values to serve the global society.

Mission

- ✓ To inculcate knowledge of fundamental principles and make the students competent in the field of Electrical and Electronics Engineering.
- ✓ To upgrade student's technical knowledge through industry interaction.
- ✓ To enhance the professional skills of designing, leadership, management with ethical standards for a successful career.
- ✓ To provide research and intellectual resources for the challenges faced by the industry and mankind.

Why EEE in St.Joseph's?

- ✓ We motivate our students for getting awards, University ranks and medals.
- ✓ Our Students are equipped with latest technological skills like AI based smart grid, electric vehicle and IOT through
 - ▶ Value Added Course, Workshops, Guest Lectures
 - ▶ Industrial Visits, Inplant Training, Internships
- ✓ We encourage our students to achieve all-around success by providing intense placement and career-oriented training.
- ✓ Center of Excellence and MoU's are signed to bridge the gap between academics and industries that enhances the knowledge of staff and students to carry out industrial projects.
- ✓ Intensive Support for higher studies.
- ✓ We encourage students in Co-Curricular & Extra - Curricular activities to achieve their dreams.



Laboratories

Factory automation and robotics Lab | Solar PV System Lab | Power Electronics & Embedded System Lab | Electronic design automation lab | Power System Simulation Lab | Power Electronics and drives lab | Control System Lab | Electrical Machines Lab



☞ *Electricity can transform people's lives, not just economically but also socially*

Piyush Vedprakash Goyal, Cabinet minister, GOI

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<https://www.stjosephstechnology.ac.in/web/eee/index.php>

PLACEMENTS

Our Recruiters



Our Placement Milestones

Quad placed students



Poojitha J

2015 - 2019 batch
CTS, Wipro, TCS, Infosys



Divya M

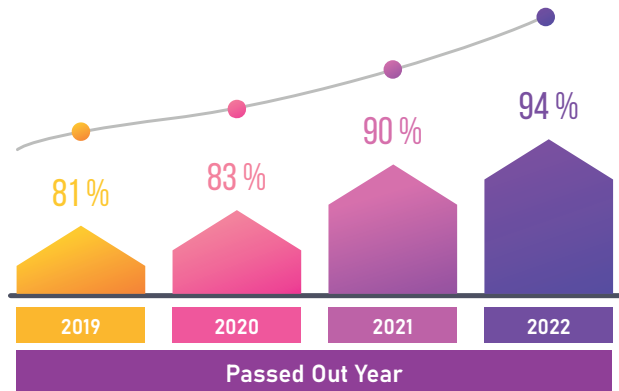
2014 - 2018 batch
Robert Bosch, NTT Data, Mind Tree, Amazon



Mohan Prasad G

2016 - 2020 batch
TCS, CTS, Avasoft, Byjus

Our Placement Records



Placement Training

I year	Communication Skill Enhancement	Aptitude Crash Course				
II year	BEC Training	C Programming	Mock Interview I			
III year	Department Specific Value Added Course	Product Batch Training Advanced	Data Structures	Placement Orientation Program I	AMCAT Assessment I	
IV year	Placement Orientation Program II & III	Data Structures & Algorithm	Mock Interview II	CODE Fit Training	CoCubes Online Assessment I & II	AMCAT Assessment II & III

ABHS : Advisory Bureau for Higher Studies

The prime notion of Advisory Bureau for Higher Studies (ABHS) is to serve the student community for getting admission to higher studies in India and abroad with a main objective to enable students prepare for tests like GRE, TOEFL, GMAT, IELTS, GATE, CAT, etc. It maintains all the latest information regarding these exams.

The students can access ABHS for getting any information about various universities and courses they offer.

Higher studies

Our students are pursuing their higher studies at abroad universities like UCLAN UNIVERSITY OF CENTRAL LANCHSHIRE, STATE UNIVERSITY OF NEW YORK, TEXAS A&M UNIVERSITY, UNIVERSITY OF ARLINGTON, UNIVERSITY OF NEW HAVEN, UNIVERSITY OF GREENWICH and Indian universities like Indian Institute of Management, National Institute of Technology, Anna University (Chennai), Madras Institute of Technology, Pondicherry University, Government College of Technology (Coimbatore), Thiagarajar College of Engineering, Madurai.



☺ *The Future is Green Energy, Sustainability, and Renewable Energy*

Arnold Alois Schwarzenegger, American Actor and Former Governor of California

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<https://www.stjosephstechnology.ac.in/web/eee/index.php>

Guest Lectures & Seminars

Apart from regular curriculum, the Department of Electrical and Electronics Engineering regularly conducts guest lectures by Eminent Personalities from Academic Institutions and Industries to get exposure on latest technology.

Experts are invited from various reputed industries like **ABB-Automation company | Cares Renewables Pvt Ltd | Kone | Qmax Systems India Pvt Ltd | TANGEDCO (Chennai) | Emcog solutions | NIWE | NSIC | Brakers India Ltd | Disys India (p) Ltd.**



Value Added Courses & Workshops

Value Added Courses and workshops are conducted for the students with an aim to teach and train in programming skills. The goal is to accelerate the programming capability needed for solving scientific and real time problems demanded by the corporate world.

Inplant Training & Internships

Department of Electrical and Electronics Engineering lays Provision for the Students to take up Inplant training and internships in reputed companies like **CTS, Wipro, Valeo, VVDN, Soliton, Zoho, Emcog Solutions, Chennai Port Trust, TANGEDCO, Sothern Railways, Chennai Metro Rail Ltd, BSNL.**



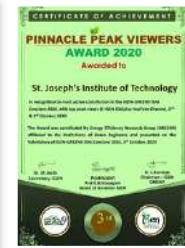
Industrial Visits

Industrial visits are scheduled in every semester for the students, where the arrangements and coordination will be taken care by the department and College. These visits, in addition to their laboratory classes, help students to experience the industrial environment, which inherently promotes the thinking capacity, conceptualization skills, good decision making ability and discipline among them. Our Students had visited industries like **Tamil Nadu Electricity board – TANGEDCO | Indira Gandhi Centre for Atomic Research | Neyveli Lignite Corporation | Andrew Yule & Company | Southern Railways.**

Club Activities

The EnSave Club, Electrical Club and Robotics Club are the department clubs that enhance the potentials of the students by regularly conducting events with cash awards and merit certificates.

Mathematics Club, Tamil Club, Quiz Club, Science Club, ECOSOC Club are also active clubs in our institution.



Mini projects

As part of the curriculum our students are motivated to bring out their technical innovations in the form of mini projects. So far our students has turned up with 90 mini projects.



Centre of Excellence

To keep up with the technical advancements in the industry, it becomes necessary to channelize the academic interest of the students with core sector. To achieve this, the Department of Electrical and Electronics Engineering has signed MoUs with various companies and also have established Centres of Excellence.

OUR INDUSTRIAL COLLABORATORS



☺ **The Only Solution of Future energy Crisis is the massive use of Renewable energy in future**
A. P. J. Abdul Kalam, Former – President and Scientist

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<https://www.stjosephstechnology.ac.in/web/eee/index.php>

Professional Bodies



Inaugurated in 2014 with 260 student members
Consecutively getting appreciation award since 2015
Total grants Received Rs 5,07,864 /-



IEI

Inaugurated 2019 with 226 members



ISTE

Inaugurated 2020 with 105 members



Distinguished guest lectures delivered by special guests from abroad

Dr. Sheldon S Williamson, Professor,
University of Ontario-Institute of Technology, Canada.
Mr. Duncan Macgregor, Technical Head, Enphase, Australia.



Entrepreneurship Development Cell

The EDC of the College has collaborated with the Entrepreneurship Development Institute of Tamil Nadu, to enhance entrepreneurial skills among the students and to provide the right orientation, training and counseling for the students.

Symposiums

“Some succeed because they are destined to but most succeed because they are determined to.” is the chanting mantra of our college, which aims to train students for various Inter Collegiate competitions by conducting Intra-departmental Symposiums and National-level Symposiums. Cash awards and merit certificates are given to the winners.



St. Joseph's Civil Services Academy

The Civil Service Academy aims to produce able bureaucrats who would act as beacon of light for the welfare of the society. Students have been trained by the best trainers from various leading IAS Academies in Chennai to cross Prelims, Mains and Interview and join the elite Civil Services.

St. Joseph's Defence Officers Academy

Defence Academy prepares candidates to serve in the three services of Indian Armed Forces. The academy organises seminars and workshops with the help of defence officers and experts in soft skills to train the Defence aspirants to think, feel and express like a Defence officer.

St. Joseph's விடிவொளி NGO



Each semester for the past eight academic years more than 90 NGO homes, which include 75 orphanages, 10 old age homes and 7 CP children homes in and around Chennai have been visited by our student volunteers.



☞ **The Automobile industry will change to electrification more in the next five to ten years**

Mary Teresa Barra, CEO, General Motors,

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Technological Enhancement Programmes

Our department regularly organizes various events for the staff and students to enhance their technical knowledge and to emote the sense of recent trends in electrical engineering among the engineering community



Webinars for students

Various webinars are conducted for our Students in the topics like Artificial Intelligence & Neural Networks, Ethical Hacking, Smart Energy Management, Microgrid Design using HOMER Pro, Industrial Automation, Solar PV Systems & Future Technologies by eminent speakers from University of Ontario – Canada, Power Projects-Chennai, Vega Institute – Mauritius, Sree Technologies, Ravin Group, EmCog Solutions and RIPE Global

Faculty development programs / Staff Workshop

Our department regularly conducts FDP and Workshops on emerging trends, topics like Robotics Applications using MATLAB, Microgrid Design using HOMER Pro ,Power System Analysis using ETAP, Sustainable Energy, Recent Trends in Electric Vehicle by eminent speakers from Halla Mechatronics, Bay City, Michigan, USA ,Qmax Systems India Pvt Ltd , RRT Electro Power (P) Ltd , Power Projects, were organized.



In the context of technological development, our department has received an amount of Rs. 1,86,000 from AICTE for organizing Six days Short Term Training Program on "Data Analytics for Smart Grid Technology"

Certifications by Staff & Students

To abreast the latest technological development in their fields, our department staff and students are regularly undergoing online certification courses like NPTEL, Spoken Tutorial conducted by government institutions like IIT Madras, IIT Bombay, Coursera,etc.



EEE trends across the Globe



“ The Automation and what we are doing now will make future testing go that much more efficiently
 Jeff Orr, CE, Power Corporation of Canada

Distinguished Alumni



John Smith
2012-2016 batch
Member Technical Staff – QA, Zoho



Jasper Bristo
2012-2016 batch
Project Manager,
Caggemini (Sweden)



Shiny J
2012-2016 batch
Integration and
Implementation expert – Dev Ops Nokia



Akshai Retnam R
2013-2017 batch
M.S.in Electrical engineering at
Colorado State University, USA



Jeya Merwingsingh
2013-2017 batch
Manager at Federal Bank Limited,
Maharashtra,India



Swetha Srinivasan
2014-2018 batch
Software Engineer
HSBC Software Development India



Adeline Grace G
2014-2018 batch
Project Engineer
Soliton Technologies



Arun Ram R
2014-2018 batch
M.Tech. (NIELIT,Calicut)



Vijayanthi R
2014-2018 batch
M.S. Specialization
in Embedded Systems
The University of Texas at Arlington,USA



Srinivasan R
2015-2019 batch
Associate Software Engineer
Robert Bosch



Gokulkrishnan M
2015-2019 batch
Entrepreneur
SHREE MAHALAKSHMI
ELECTRICAL SERVICE, CHENNAI



Ali Ahmed Khan
2016-2020 batch
Software Engineer -
Data Analysis / Business Intelligence,
Valuelabs



Sooraj Kumar S
2016-2020 batch
M.S in Computer Engineering at Univer-
sity at Albany,SUNY,USA



Nithya M
2016-2020 batch
M.S in Mechatronics,
Robotics and Automation
New York University,USA



Melba Violet Ariram
2017-2021 batch
Service Diagnostic Engineer
Ola Electric, Bangalore



Erick V
2017-2021 batch
M.Sc ELECTRICAL AND ELECTRONIC
ENGINEERING
University of Greenwich,UK



S.Kayalvizhi
2018-2022 batch
Graduate Engineer
Emerson, Chennai



Madhu Bhashini N R
2018-2022 batch
Associate Engineer
Renew,Bangalore

ELITE Alumni



Ms. Kreehsha R
2014-2018 batch
Sub - Lieutenant, Indian
Navy, AWARDS: Chief
of the Naval Staff Gold
Medal & The Zamorin
Trophy



Pragathish S
2015-2019 batch
Cadet Electrical
Officer, Mearks Line,
Denmark



Premkumar R
2014-2018 batch
MBA Indian Institute
of Management,
Sirmaur (Himachal
Pradesh)

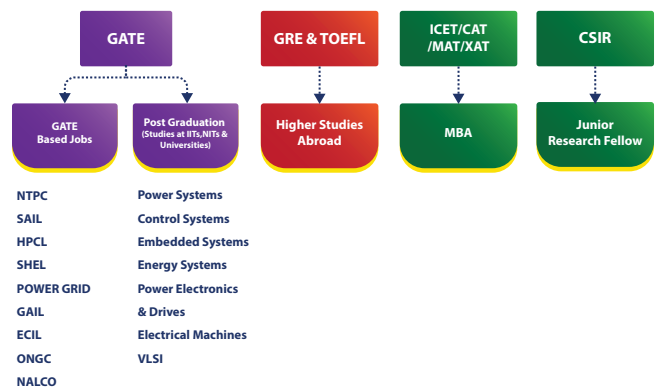
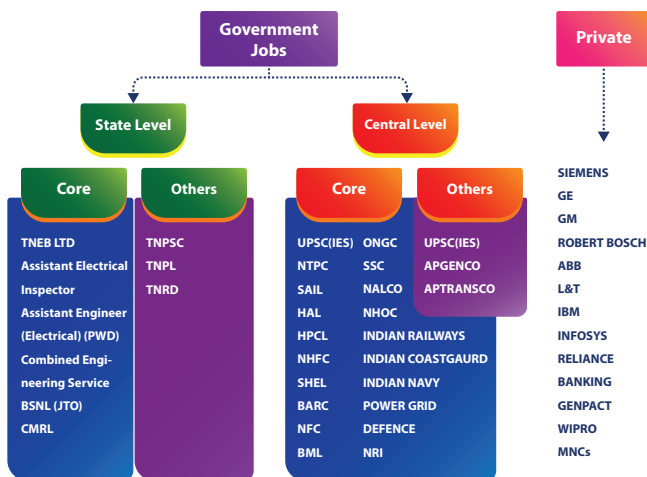


Aaron Ashish P
2012-2016 batch
Supply Chain
Co-ordinator,
Alstom,France

Scope of ELECTRICAL AND ELECTRONICS ENGINEERING

Job Opportunities

Higher Studies (Qualifying Examinations)



“ We will not stop until every car on the road is electric
Elon Reeve Musk, CEO, Tesla,



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 Aayan 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.
- ✓ Received grants from SERB & AICTE for conduction of IEEE supported International conference & MSME for startup project.
- ✓ 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.
- ✓ Conducted 7 International Conferences periodically since 2016.
- ✓ Excellent Sports recognitions at National and International level.

Overall Placement Counts

2022 - 2023 : 640*

* (as on date)

Total Companies Visited

280+