



Institution Making Students Ready for “Industry 4.0”

Editor in Chief

Prof.Y.Mohamed Badcha,
Asso. Prof / EEE

***Faculty
Members***

1. Dr. G. Sundararajan, Asst. Professor (Sr.G) / EEE
2. Mr. S. Karthikeyan, Asst. Professor / EEE
3. Mrs. AR. Manjula Devi, Asst. Professor / EEE

Student Members

1. G.Kiruthika Sri, IV year/EEE
2. S.Lisha, IV year/EEE
3. V.Mohith, III year/EEE
4. V.Singaravel, III year/ EEE
5. M.Asath Ali, II year/EEE

***Editorial
Board***



EEE NEWS LETTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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- To provide students with high quality education so that they are well prepared to become high caliber Electrical and Electronics Engineers, and it aspires to grow to the level of gaining global recognition.

MISSION



- Developing competent technocrats who strive continuously in pursuit of professional excellence in the field of Electrical and Electronics Engineering.
- Developing and sustain a culture of research while promoting values, ethics and professionalism.
- Offering well balanced curriculum to help students acquire professional competencies and to arrange placements for students.
- Developing state of the art infrastructure and research for effective teaching learning process.
- Strengthening of soft skills especially for rural students through co-curricular and extra-curricular activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEOs	Content
PEO1	Find employment in Core Electrical and Electronics Engineering and service sectors.
PEO2	Get elevated to technical lead position and lead the organization competitively.
PEO3	Enter into higher studies leading to post-graduate and research degrees. Become consultant and provide solutions to the practical problems of core organization.
PEO4	Become an entrepreneur and be part of electrical and electronics product and service industries.

PROGRAM OUTCOMES (POs)

POs	Title	Content
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering Problems.
PO2	Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering Sciences.
PO3	Design/development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and communication tools including prediction and modeling to complex engineering activities with an understanding of the limitations .

PO6	The engineer and society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the Professional engineering practice.
PO7	Environment and sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSOs	Content
PSO1	Foundation of Electrical Engineering: Ability to understand the principles and working of electrical components, circuits, systems and control that are forming a part of power generation, transmission, distribution, utilization, conservation and energy saving. Students can assess the power management, auditing, crisis and energy saving aspects.
PSO2	Foundation of Mathematical Concepts: Ability to apply mathematical methodologies to solve problems related with electrical engineering using appropriate engineering tools and algorithms.
PSO3	Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution which leads to new ideas and innovations.

STUDENTS' ACHIEVEMENTS

S. Haseena, a first-year EEE student, participated in the Anna University Zonal Tournaments (2025–26) in Basketball at UCE, BIT Campus, Anna University, Trichy–24, and won **Third** place.

ANNA UNIVERSITY

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025**

**ZONAL TOURNAMENTS 2025 - 2026
CERTIFICATE OF MERIT**

CERTIFICATE NO
BB-W-34

PROGRESS THROUGH KNOWLEDGE

This is to certify that HASEENA S son / daughter of
 Register no. _____ Year I
 Branch EEE Zone 13
 College J.J.C.E.T., Trichy
 was a member of BASKET BALL - WOMEN team
 secured First / Second / Third Position in the Anna University Zonal
 Tournaments 2025-2026 held at UCE, BIT CAMPUS, ANNA UNIVERSITY
TRICHY/BAPPALI - 24 from 23.09.2025 to _____
 Event _____ Classification _____

Local Sports Secretary _____ Local Sports Coordinator _____ Zonal Sports Secretary _____ Zonal Sports Coordinator _____

FACULTIES' ACHIEVEMENTS

Mrs. R. Gayathri and Mr. S. Muthuveerapan have completed the NPTEL course “Introduction to Large Language Models (LLMs)” with **Elite** certification.

Elite

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

Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
GAYATHRI R
for successfully completing the course
Introduction to Large Language Models (LLMs)

with a consolidated score of **63** %

Online Assignments	24.69/25	Proctored Exam	38.63/75
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Total number of candidates certified in this course: 4747


Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, ऊन्नत भारत

Roll No: NPTEL25CS161S1170502250 To verify the certificate  No. of credits recommended: 3 or 4

The following faculty members have completed the NPTEL course “*Fundamentals of Artificial Intelligence*”:

- With **Elite Silver Certification**: Mr. S. Karthikeyan
- With **Elite Certification**: Dr. G. Sundararajan, Dr. N. Babu, Mrs. A. R. Manjuladevi, and Mr. S. Thomas Praveen Joseph
- **Successfully Completed**: Dr. K. Jayakumar, Mr. P. John Britto, and Mrs. M. Priya.

Elite

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


This certificate is awarded to
AR MANJULADEVI
for successfully completing the course
Fundamentals of Artificial Intelligence


with a consolidated score of **67** %


Online Assignments	22/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025
(12 week course)


Dr. Saliil Kashyap
Coordinator, Centre for Educational Technology,
IIT Guwahati

 Indian Institute of Technology Guwahati


FREE ONLINE EDUCATION
swayam
विद्यया ऽ मृतमश्नुते

Roll No: NPTEL25GE55S1270502795 To verify the certificate  No. of credits recommended: 3 or 4

Dr. Jayakumar, Dr. Balakrishnan and have published a book titled “*SOLAR ENERGY Advancements and Applications*” with Scientific International Publishing House.

