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## EDITORIAL BOARD

### FACULTY MEMBERS

- **MS. D. RAGAVI, AP/ECE**
- **MS. J. JENISHA, AP/ECE**

### STUDENTS

- **A. SARAVANAKUMAR, IV ECE**
- **H. POOJA, IV ECE**
- **S. P. DEVASRI, IV ECE**



The Department of Electronics and Communication Engineering was established in the year 2007. The department has an intake of 60 students in B.E. course. The department possesses the most advanced equipment in its laboratories. It also provides opportunities to grow and excel in the technical world by conducting regular workshops and programs in various fields. The department is highly active in research work in the fields of broadband communications, VLSI Design, image processing etc. The students are provided adequate training in the field of signal processing, image processing and digital communication. Students are highly encouraged to undergo in-plant training at some of the most prestigious organizations during their time at the institution.

## **Vision of the Department:**

1. To provide the quality education in the field of Electronics and Communication Engineering which caters the needs of the society in line with the technological revolution.

## **Mission of the Department:**

1. To upgrade the technical knowledge of the students continuously by providing industrial exposure and innovative projects.
2. To establish a creative learning environment for the students by active learning of the techniques in the electronics and communication engineering field.
3. To nurture career improvement by facilitating skill development and training in the recent technologies.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

**PEO1:** To provide the students with a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.

**PEO2:** To gain adequate knowledge to become good professional in electronic and communication engineering associated industries, higher education and research.

**PEO3:** To develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

**PEO4:** To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

**PEO5:** To inculcate in the students a professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

## PROGRAM SPECIFIC OUTCOMES

**PSO1:** Design, develop and analyze electronic systems through application of relevant electronics, mathematics and engineering principles.

**PSO2:** Design, develop and analyze communication systems through application of fundamentals from communication principles, signal processing, and RF System Design & Electromagnetism.

**PSO3:** Adapt to emerging electronics and communication technologies and develop innovative solutions for existing and newer problems.

## DEPARTMENT ACTIVITY

### VALUE ADDED COURSE

The Association of the Department of Electronics and Communication Engineering in collaboration with the Institution of Engineers (India) (IEI) Student Chapter, successfully organized a six-day “**VLSI Level 1 Certification Course**” from 15.12.2025 to 20.12.2025. The course provided hands-on training in VLSI design using open-source EDA tools, covering key topics such as VLSI technology, Verilog HDL, combinational and sequential logic design, FSM modelling, memory design, and synthesis. The program was handled by Mr. J. Jes Evans Daniel, Design Engineer (VLSI), TARAS Systems and Solutions, Coimbatore.



## FACULTY DEVELOPMENT PROGRAMME

The Department of ECE & EEE organized a Faculty Development Programme on “**PCB Design**”. The five-day FDP (22.12.2025 to 27.12.2025), conducted under **E & ICT Academy Phase II** and sponsored by **MeitY**, aimed to enhance faculty expertise in modern PCB design practices. The session was led by **Dr. K. Subramanian, Technical Manager, Shaansun Technology Solutions**, and provide hands-on exposure to industry-standard PCB design tools and techniques, strengthening faculty competence in teaching and curriculum integration.



## DEPARTMENT ACHIEVEMENTS

The Department of Electronics and Communication Engineering (ECE) proudly won the **Overall Championship Cup** at **TECHNOBATTLE'25**, the Mini Project Expo of Chettinad College of Engineering and Technology, held on **23.10.2025**. Our students showcased innovative and technically sound mini projects, which were highly appreciated by the eminent external jury. This achievement highlights the department's excellence in practical learning, innovation, and application of emerging technologies. The Principal congratulated the ECE students and faculty members for their dedicated efforts and commendable performance.



## FACULTY CONTRIBUTION

Our department faculty **Mr. P. Selvan**, IIC Co-Coordinator, Chettinad College of Engineering and Technology, Karur, participated in the **IIC Regional Meet 2025** held at PSG College of Arts & Science, Coimbatore, on 25.11.2025. The event focused on fostering innovation, entrepreneurship, and institutional collaboration under the aegis of the Ministry of Education and the Institution's Innovation Council (IIC).



## STUDENTS' ACHIEVEMENTS

Our student R. Girija of III ECE secured the **Third Prize** with a cash award of ₹1,000 in the “Memes Contest” organized as part of the **Energy Ambassador Program 2025** at Thiagarajar College of Engineering.

G. Manju and P. Priyadharshini of III ECE also won **Special Prizes**, each receiving a cash award of ₹1,000, in the same contest. Heartiest congratulations to all the winners for their creativity and commendable achievement.



The students of **III ECE** successfully completed NPTEL courses, including **Introduction to Internet of Things**, **Digital Circuits**, and **Introduction to Programming in C**, with several students securing **Elite** certification and others completing the courses with commendable performance.



## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DHARANI B**

for successfully completing the course



### Introduction to Internet of Things

with a consolidated score of **58** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 33/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **50282**

**Jul-Oct 2025**

(12 week course)

**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS147S960200188

To verify the certificate



No. of credits recommended: 3 or 4



## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**P PRIYADHARSHINI**

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **64** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.56/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **50282**

**Jul-Oct 2025**

(12 week course)

**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS147S970503644

To verify the certificate



No. of credits recommended: 3 or 4



## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SARMILA V**

for successfully completing the course



### Introduction to Internet of Things

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.19/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No: NPTEL25CS147S960200412

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

**SHALINI**

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.75/25 | Proctored Exam | 39.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No: NPTEL25CS147S1060201058

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

**GIRJJA R**

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.56/25 | Proctored Exam | 36.74/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No: NPTEL25CS147S1070503027

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

KEERTHIKA MP

for successfully completing the course



Skill India

कौशल भारत - कुशल भारत



### Introduction to Internet of Things

with a consolidated score of **65** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.16/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No:

NPTEL25CS147S960200448

To verify the certificate



No. of credits recommended: 3 or 4



## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

THARANITHARAN D

for successfully completing the course



Skill India

कौशल भारत - कुशल भारत



### Introduction to Programming in C

with a consolidated score of **48** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 18.08/25 | Proctored Exam | 30.32/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1771**

Prof. B. V. Ratish Kumar  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jul-Sep 2025

(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Roll No:

NPTEL25CS119S539000262

To verify the certificate



No. of credits recommended: 2 or 3



## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KISHORE E

for successfully completing the course



Skill India

कौशल भारत - कुशल भारत



### Digital Circuits

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.25/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **2454**

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No:

NPTEL25EE125S1260200317

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

MANJU G

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **61** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.81/25 | Proctored Exam | 39.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



कठिन भारत - कुराल भारत



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No:

NPTEL25CS147S1060200581

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

MONIKA S

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.35/25 | Proctored Exam | 35.21/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



कठिन भारत - कुराल भारत



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No:

NPTEL25CS147S1060200574

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

KAVIYAJ

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **72** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 23.5/25 | Proctored Exam | 48.98/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)



कठिन भारत - कुराल भारत



Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Roll No:

NPTEL25CS147S1060200553

To verify the certificate



No. of credits recommended: 3 or 4



Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India  
कौशल भारत - कुशल भारत



This certificate is awarded to

HIRISEEKA NAGARAJAN

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **73** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 48.98/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS147S1060200578

To verify the certificate



No. of credits recommended: 3 or 4



Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India  
कौशल भारत - कुशल भारत



This certificate is awarded to

Srimathi M

for successfully completing the course

### Introduction to Internet of Things

with a consolidated score of **73** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 48.98/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **50282**

Jul-Oct 2025

(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS147S1060200760

To verify the certificate



No. of credits recommended: 3 or 4

## INTERNSHIP

We are pleased to announce that eight of our third-year ECE students have been selected for a **six-month online internship** at **Taras Systems and Solutions**, which will run from December 2025 to May 2026. Congratulations to all selected students, and we wish them continued success in this valuable learning experience! We wish them the best in their internship journey.



## PLACEMENTS

We are delighted to announce the successful placement of our **ECE students**. The Management, Principal, Faculty, and Placement Cell of **Chettinad College of Engineering & Technology** congratulate the students on their achievement and wish them a bright career ahead.





**Chettinad**  
College of Engineering & Technology  
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