



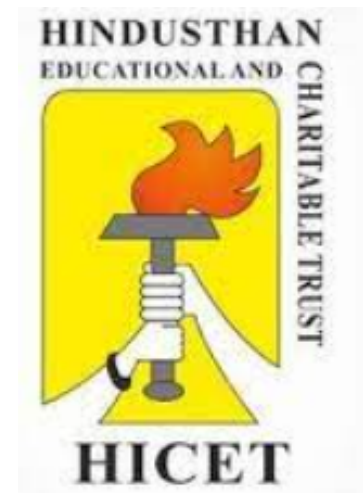
# E Buzz

Newsletter of ECE Department  
Hindusthan College of Engineering and Technology  
Valley Campus, Coimbatore-641032



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# Electronics & Communication Engineering



## MESSAGE FROM CHIEF EDITOR



It is with great honor and pleasure that we present the newsletter , volume 12, issue 2 of department of ECE . This issue will recall the different activities in which our students and faculty members have participated. I hope this edition piques your curiosity in knowing our achievement.

**Dr.P.Vijayalakshmi, Prof. & Head/ECE**  
**Chief Editor**

## EDITORS DESK

### CHIEF EDITOR

Dr.P.Vijayalakshmi, Prof. & Head/ECE

### STUDENT EDITORS

- 1.Praveen Kumar B IV ECE B
- 2.Kota Harishsri Ragavendra IV ECE B
- 3.S.Manikandan III ECE B
- 5.Justin AronRaj II ECE A

### EDITOR

Ms.S.Karpakam, AP / ECE

## **DEPARTMENT VISION & MISSION**

### Vission

- To achieve excellence in Electronics and Communication Engineering keeping pace with evolving technologies through quality education embedded with employability skills and ethical values for the betterment of society.

### Mission

- DM1: To expand the frontiers of knowledge by providing an inspiring and holistic learning environment.
- DM2: To develop intellectual skills towards employability by fostering innovation and creativity in learning.
- DM3: To inculcate professional ethics, values and entrepreneurial attitudes addressing industrial and societal demands.

# **Program Educational Objectives (PEOs)**

PEO1: To prepare the graduates to solve, analyze, and develop real-time engineering products by providing a strong foundation in the fundamentals of Electronics and Communication Engineering.

PEO2: To prepare the graduates to succeed in multidisciplinary dimensions by providing adequate training and exposure to emerging technologies.

PEO3: To prepare the graduates to become a successful leader and innovator following ethics with a sense of social responsibility for providing engineering solutions.

## **Program Specific Outcomes (PSOs)**

PSO1:

Graduates will be able to analyze, design and develop solutions for real-time challenges, facilitating the creation of quality products in the Electronics and Communication industry.

PSO2:

Graduates will exhibit resilience in embracing emerging technologies, nurturing innovation in Signal Processing, Communication Systems, Embedded Systems, IoT, Networking, and VLSI to address contemporary demands.



Department of Electronics and Communication Engineering

# Seminar on Innovation in Advanced healthcare Technologies held on 28.01.23

## IIC Self Driven Activity



**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Valley Campus, Pollachi Highway, Coimbatore-32

**Department of ECE**  
*Organizes Seminar on*  
**Innovations in Advanced Healthcare Technologies**  
IIC Self Driven Activity

**Resource Person**  
**Mr.S.Ganesh Kumar**  
Senior Embedded Design Engineer  
Techuc Automation, Coimbatore



**Date: 28-01-2023**      **Venue : Ganga Hall**      **Time : 11:00 am**

**Co-ordinator**  
**Mr.T.Boobalan**  
AP/ECE

**Convenor**  
**Dr.P.Vijayalakshmi**  
HOD/ ECE



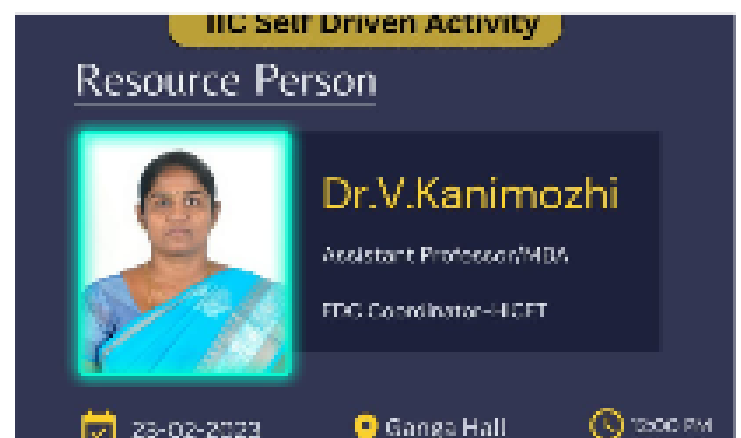
## Department of Electronics and Communication Engineering

# Seminar on Career Opportunities in Employability Skills for the Future held on 16.02.2023

## IIC Self Driven Activity



# Seminar on Entrepreneurship Development – IIC Self Driven Activity held on 23.02.2023



## DEPARTMENT EVENTS

### Career Guidance Program on Higher Education Abroad held on 15.02.2023





## Women's Day Celebration held on 08.03.23

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

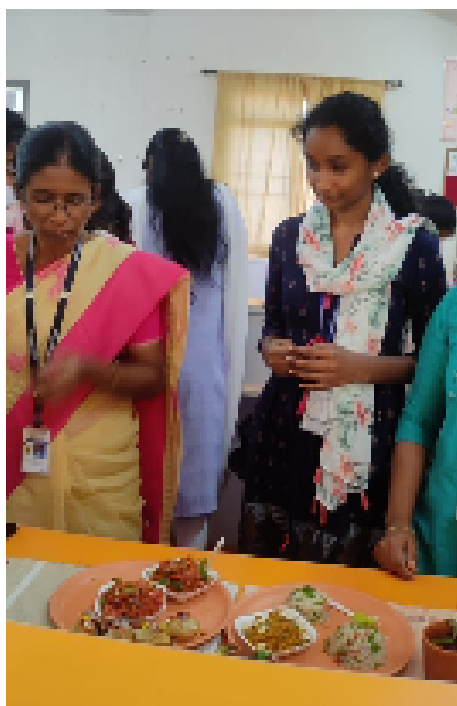
Organises a Seminar on  
"THE GLASS CEILING : DOES IT STILL EXIST?"



**Resource Person**  
**Ms.M.Ashaa** Ph.D.  
Alumni (2014 - 2018 Batch)  
Product Owner  
RFPIO  
Coimbatore

8 March, 2023    Ganga hall    2.00 - 3.00 PM

**Coordinator:** Dr.K.Kalatselvi    **Convener:** Dr.P.Vijayalakshmi



## Department of Electronics and Communication Engineering

# Social Entrepreneurship for Sustainable Development held on 31.03.23



# NAAN MUDHALVAN-IIT BOMBAY FOSSEE-MAPATHON-hold on 31.03.2023



NAAN MUDHALVAN - IIT BOMBAY FOSSEE  
**MAPATHON**

Create Maps using Remote Sensing Data using Free and Open Source Software and WIN exciting prizes!

**Last day to Register: 31st March 2023**

- All Anna University Colleges must register at least one team
- Any number of teams can be registered by a college
- Students from any department in 3rd and 4th year can participate
- Colleges with the most participating teams will be recognised by the TNSDC
- Best performers will be awarded Internships with IIT Bombay and get exclusive invites to job fairs.

Register Now

For More Info





# National Level Technical Symposium held on 18.04.23



**HINDUSTHAN**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway, Coimbatore-641032  
www.hicet.ac.in



**IEEE**  
Student Branch  
Hindusthan College of Engineering and Technology, Coimbatore

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
IN ASSOCIATION WITH IETE & IEEE STUDENTS FORUM  
Proudly Presents

## ECLATZA '23

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

**18<sup>th</sup> APRIL, 2023**  
AND  
**EXCLUSIVE PROJECT FAIR**  
**19<sup>th</sup> APRIL, 2023**

**WIN EXCITING CASH PRIZES**

**ON SPOT REGISTRATION AVAILABLE**  
For Registration:  


**TECHNICAL EVENTS**

- PAPER BESTOWAL
- PINGS WITH THINGS (DEBUGGING)
- QUIZ BUCKERS
- TOAST MASTER
- HACKER TALK

**NON-TECHNICAL EVENTS**

- PICTURE SHOW (SHORTFILM)
- SNAP IT (PHOTOGRAPHY)
- FUN GAMES
- BOSS MAKER

**CHIEF PATRONS**

Dr. Jaya. J  
Principal

Dr. Karunakaran. K  
CEO

**STUDENT CO-ORDINATORS**

Hari Vignesh. S  
7397579890

Barath Kumar. S  
8610012890

**CO-ORDINATORS**

Dr. Suresh Babu. A  
Associate Professor/ECE

Dr. Baskar. D  
Associate Professor/ECE

**CONVENOR**

Dr. Vijayalakshmi. P  
HOD/ECE

<https://forms.gle/bPVR65eeS7DnCuCA>  
eclatza23@gmail.com





# Department of Electronics and Communication Engineering

## Five Days Online FDP on "Real Time Automation Solution using AI" held from 19.06.23 to 23.06.23



**HINDUSTHAN**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway, Coimbatore – 641032.

**Department of Electronics and Communication Engineering**  
**organizes**  
**Five Days Online FDP on**  
**"Real Time Automation Solutions Using AI"**  
**19<sup>th</sup> June, 2023 to 23<sup>th</sup> June, 2023**



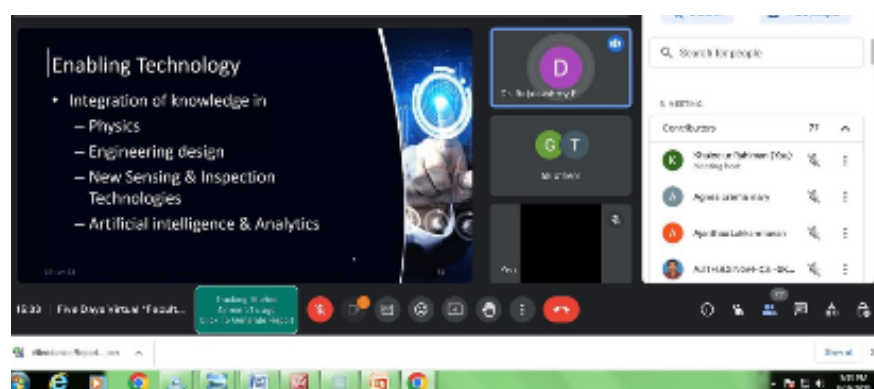
**Google Meet Link**  
<https://meet.google.com/bys-qbsj-sjw>

**Registration link**  
<https://forms.gle/5DMcFAmh8W8fNx4R9>

**Convenor**  
Dr.P.Vijayalakshmi, HoD/ECE

**Co-ordinators**  
Dr.P.F.Khaleelur Rahman, ASP/ECE  
9994641251  
Mr.T.Boobalan, AP/ECE  
9655729385

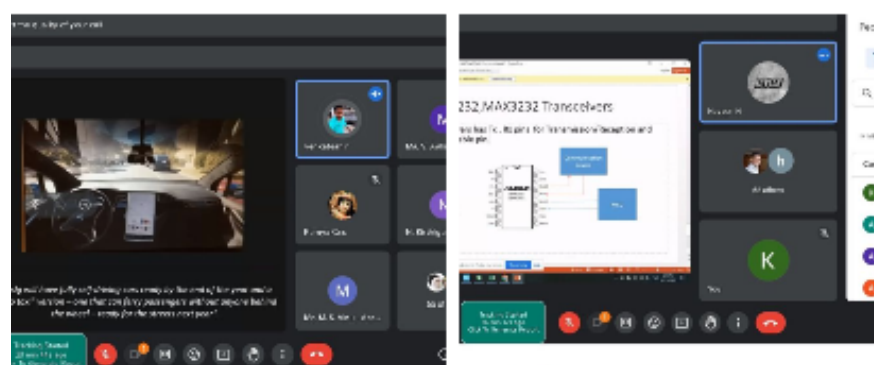
**Patrons**  
  
Dr.K.Karunakaran  
CEO  
  
Dr.J.Jaya  
Principal



The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Enabling Technology" with the following bullet points:

- Integration of knowledge in
  - Physics
  - Engineering design
  - New Sensing & Inspection Technologies
  - Artificial Intelligence & Analytics

The right sidebar shows a list of participants under the heading "Contributors". The bottom status bar indicates the session is titled "Five Days Online FDP on 'Real Time Automation Solutions Using AI'" and shows the time as 15:22.



The screenshot shows a Google Meet interface with a presentation slide titled "252/MAX9232 Transceiver". The slide content includes:

- 252/MAX9232 Transceiver**
- High-Speed, Bi-Directional, RS-485 Transceiver
- Features: 100kbit/s, 100V, 100mA, 100V, 100mA, 100V, 100mA

The right sidebar shows a list of participants. The bottom status bar shows the time as 15:22.

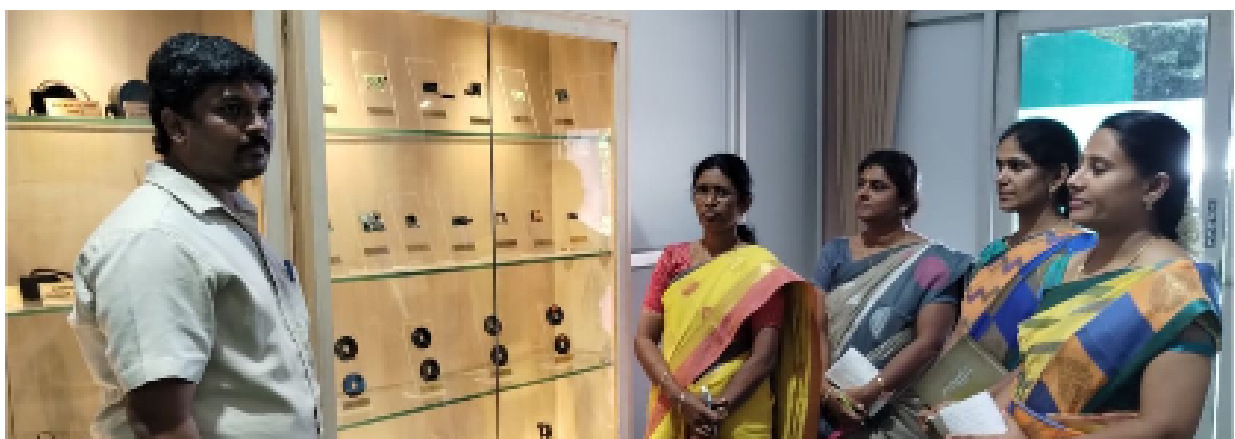
## **Faculty Industrial Training at Illuminen Technologies**

**Coimbatore held on 09.05.23 & 10.05.2023**



## **Faculty Industrial Training at Roots Industries**

**held on 27.06.23 & 28.06.2023**





# 1500 Saplings Planting Ceremony held on 24.06.23





# Department of Electronics and Communication Engineering

## Miyawaki Forest Development and removal of weeds held on 30.06.2023





# Department of Electronics and Communication Engineering

## IEEE-International Conference on Sustainable Computing and Smart Systems (ICSCSS) 2023 held from 14.06.23 to 16.06.23

**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway, Coimbatore - 641032, INDIA  
www.hicet.ac.in

Departments of ECE, EEE & EIE organizes  
**IEEE - INTERNATIONAL CONFERENCE ON SUSTAINABLE  
COMPUTING AND SMART SYSTEMS**

ICSCSS'2023  
www.icssc.com  
14<sup>th</sup> - 16<sup>th</sup> June, 2023

 IEEE  
Student Branch  
Hindusthan College of Engineering and Technology, Coimbatore

  
**Dr. Nirmal D**  
IEEE R10 SRC Vice Chair  
IEEE Excom Member Madras Section

  
**Dr. Joy long-Zong Chen**  
Professor  
Da-Yeh University, Taiwan

Organizing Secretaries  
Dr.N.P.Ananthamoorthy, HoD/EEE  
Dr.P.Vijayalakshmi, HoD/ECE

Conference Chair  
Dr.B.Anand, HoD/EIE

Patrons  
Dr. J. Jaya  
Principal

Dr. K.Karunakaran  
CEO

Mode : Online



# Department of Electronics and Communication Engineering

## International Collaboration

**Global Immersion Programme held from 25.01.23 to 27.01.23**





**Department of Electronics and Communication Engineering**

## **STUDENTS ACHIEVEMENT**

### **Co-Curricular Activities**

**SREC Alumni Trophy -2023**

**Volleyball winners held from 10.03.23 to 11.03.23**



**Department of Electronics and Communication Engineering**

## **STUDENTS ACHIEVEMENT**

### **Co-Curricular Activities**

**SREC Alumni Trophy -2023**

**Hockey winners held from 10.03.23 to 11.03.23**





## Department of Electronics and Communication Engineering

### **Kongunadu Engineering College Alumni Trophy-2023 HOCKEY MATCH-THIRD Place held on 02.04. 2023**



### **Karpagam institute of Tech, Coimbatore AU Zonal Volleyball tournament -Championship held from 03.01.23 to 17.01.23.**



## FACULTY PARTICIPATION

### SEMINARS/WEBINARS ATTENDED BY FACULTY

| S.No | Name of Staff      | Date                      | Title of the FDP/Seminar/Workshop/ STTP/ Training program                            | Name of Organizing Institute  | Place  |
|------|--------------------|---------------------------|--|---|--------|
| 1.   | K.Kavitha          | 13.03.2023 to 17.03.2023  | Machine learning using Python  | Department of Computer Applications, Hindusthan College of Engineering and Technology | Online |
| 2.   | K.Kavitha          | 08.05.2023 to 12.05.2023  | Radiological Equipments  | Hindusthan College of Engineering and Technology                                      | Online |
| 3.   | Mrs.N.Menakadevi   | 08.05.2023 to 12.05.2023  | FDP on Radiological Equipment  | Hindusthan College of Engineering and Technology                                      | Online |
| 4.   | Dr.P.K.Poonguzhali | 22.05.2023 to 26.05.2023  | "INTELLECTUAL PROPERTY RIGHTS"   | Dr.M.G.R Educational and Research Institute   | Online |
| 5.   | Dr.P.K.Poonguzhali | 15.05.2023 to 20.05.2023  | FDP on "Machine Learning for signal processing: Application and research challenges" | KUMARAGURU COLLEGE OF TECHNOLOGY- IEEE Signal Processing Society                      | Online |
| 6.   | Dr.J.RAMYA         | 22.05.2023 to 26.05.2023. | "INTELLECTUAL PROPERTY RIGHTS"   | Dr.M.G.R Educational and Research Institute   | Online |
| 7.   | Dr.J.RAMYA         | 15.05.2023 to 20.05.2023  | FDP on "Machine Learning for signal processing: Application and research challenges" | KUMARAGURU COLLEGE OF TECHNOLOGY- IEEE signal Processing society                      | Online |
| 8.   | Dr. K. Kalaiselvi  | 13.03.2023 to 17.03.2023  | FDP on Machine Learning using Python   | HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY                                      | Online |
| 9.   | Dr.A.Udhayakumar   | 22.05.2023 to 26.05.2023. | "INTELLECTUAL PROPERTY RIGHTS"   | Dr.M.G.R Educational and Research Institute   | Online |
| 10.  | Dr.T.Manjula       | 08.02.23 to 13.02.23      | Moral values attitude and behaviour science  | GL Bajaj institute of Technology  | Online |
| 11.  | Dr.T.Manjula       | 29.05.23 to 02.06.23      | Introductory AICTE UHV   | AICTE   | Online |
| 12.  | Dr. K. Kalaiselvi  | 15.05.2023                | Virtual reality and Augmented Reality  | HICET   | Online |



# Department of Electronics and Communication Engineering

## FACULTY PARTICIPATION

### ONLINE CERTIFICATION

| S. No | Name of Staff      | Duration                 | Title of the Course  | Platform (NPTEL / Coursera / other Online Courses) |
|-------|--------------------|--------------------------|--|--|
| 1.    | Dr.J.Ramya         | 07.02.2023 17 Hours      | Artificial Intelligence and Machine learning, Deep learning    | Udemy  |
| 2.    | Dr.J.Ramya         | 19.01.2023 2.5Hours      | Machine learning in health care                                | Udemy  |
| 3.    | Dr.J.Ramya         | 27.12.2023 5.5 Hours     | Introduction to Machine learning for Data Science              | Udemy  |
| 4.    | Dr.J.Ramya         | 12.05.2023               | Emotional Intelligence at work:Learn from your emotions        | Udemy  |
| 5.    | Dr.J.Ramya         | 02.01.2023 5 Hours       | Intro to Data Science:Your step-by-step guide to starting      | Udemy  |
| 6.    | Dr.J.Ramya         | 10.01.2023 3.5 Hours     | Machine learning in Python level 1: Beginner                   | Udemy  |
| 7.    | Dr.J.Ramya         | 08.05.2023 1.5 Hours     | Teacher training: Teach the perfect lecture students love      | Udemy  |
| 8.    | Dr.J.Ramya         | 10.05.2023 to 11.05.2023 | Using MATLAB with Python                                       | Mathworks  |
| 9.    | Dr.P.Geetha        | 11.01.2023 5 Hours       | Intro to Data Science: Your step-by-step guide to starting     | Udemy  |
| 10.   | Dr.P.Geetha        | 07.01.2023 5.5 Hours     | Introduction to Machine Learning for Data Science              | Udemy  |
| 11.   | Dr.P.K.Poonguzhali | 06.01.20232.5 Hours      | Cloud Computing for Beginners-Infrastructure as a Service      | Udemy  |
| 12.   | Dr.P.K.Poonguzhali | 09.01.2023 3 Hours       | Cloud Computing Fundamentals                                   | Udemy  |
| 13.   | Dr.P.K.Poonguzhali | 12.01.2023               | Ultimate AWS certified Solutions Architect Associated SAA-CO3  | Udemy  |
| 14.   | Dr.P.K.Poonguzhali | 12.01.2023 14.5 Hours    | Ultimate AWS certified cloud practitioner-2022                 | Udemy  |
| 15.   | Dr.P.K.Poonguzhali | 12.01.2023 4.5 Hours     | Certificate of Cloud Security Knowledge V4                     | Udemy  |
| 16.   | Dr.P.K.Poonguzhali | 12.01.2023 7 Hours       | Introduction to cloud computing on AWS for Beginners (2023)    | Udemy  |
| 17.   | Mrs.T.Nivethitha   | 23.01.2023 3 Hours       | Python for Beginners: Learn Python Programming (Python 3)      | Udemy  |
| 18.   | Mrs.T.Nivethitha   | 23.01.2023 5 Hours       | Intro to Data Science: Your step-by-step guide to starting     | Udemy  |
| 19.   | Mrs.T.Nivethitha   | 23.01.2022 5.5 Hours     | Introduction to Machine learning for Data Science              | Udemy  |
| 20.   | Mrs.T.Nivethitha   | 23.01.2023 4 Hours       | Microsoft SQL for Beginners                                    | Udemy  |
| 21.   | Mrs.K.Kavitha      | 27.01.2023               | Prototyping Design Thinking                                    | Infosys Springboard                                |
| 22.   | Mrs.K.Kavitha      | 03.05.2023               | Internet of Things: How did we get here?                       | Coursera   |
| 23.   | Mrs.K.Kavitha      | 10.05.2023               | Next Gen Technologies  | Infosys Springboard                                |
| 24.   | Mrs.K.Kavitha      | 12.01.2023               | Cybersecurity Essentials                                       | CISCO networking academy                           |
| 25.   | Mrs.K.Kavitha      | 06.01.20238 Hours        | The complete course of Labview 2020                            | Udemy  |
| 26.   | Mrs.K.Kavitha      | 30.01.202332 Hours       | Microcontrollers and the C programming language (MSP430)       | Udemy  |
| 27.   | Mrs.K.Kavitha      | 10.01.20238 Hours        | RF design architecture of receiver transmitter and transceiver | Udemy  |
| 28.   | Mrs.K.Kavitha      | 11.01.20238 Hours        | RF microwave transmission line theory                          | Udemy  |
| 29.   | Mrs.M.Gayathiri    | 05.01.202331 Hours       | Ultimate 2023 Electric circuits Master class for Beginners     | Udemy  |
| 30.   | Mrs.M.Gayathiri    | 11.01.20232 Hours        | Introduction to fixed Wing Drone Design                        | Udemy  |
| 31.   | Mrs.M.Gayathiri    | 06.01.20236.5 Hours      | Semiconductors and its Applications in Analog Electronics      | Udemy  |
| 32.   | Mrs.M.Gayathiri    | 10.01.202311 Hours       | Electricity and Electronics-Robotics learn by building         | Udemy  |
| 33.   | Mrs.M.Gayathiri    | 07.01.20235 Hours        | Statistics/Data Analysis in SPSS-Inferential Statistics        | Udemy  |
| 34.   | Mrs.M.Gayathiri    | 12.01.20235 Hours        | Introduction to Data Science                                   | Udemy  |
| 35.   | Mrs.M.Gayathiri    | 24.01.202317 Hours       | Artificial Intelligence A-Z                                    | Udemy  |
| 36.   | Mrs.M.Gayathiri    | 19.01.202315.5 Hours     | Machine learning, Data Science and Deep learning with Python   | Udemy  |



# Department of Electronics and Communication Engineering

## STUDENTS PARTICIPATION

### WORKSHOPS ATTENDED

| S. No. | Name of the Student  | Class     | Name of the Programme                                | conducted by   | Date                     |
|--------|----------------------|-----------|--|--|--------------------------|
| 1.     | Dharma S             | II ECE B  | National level technical Hands on Workshop on MATLAB | Department of Mathematics, HICET                     | 21.04.2023               |
| 2.     | Vimal Raj M          |           |  |  |                          |
| 3.     | Tarun Vasakam K      |           |  |  |                          |
| 4.     | Venkatasubramanian G |           |  |  |                          |
| 5.     | Veeramanikandan S    |           |  |  |                          |
| 6.     | Mugesh C             |           |  |  |                          |
| 7.     | Sri Ram M            |           |  |  |                          |
| 8.     | Praveen Kumar R      |           |  |  |                          |
| 9.     | Shree Yadhavan V     |           |  |  |                          |
| 10.    | Venkatesh V          |           |  |  |                          |
| 11.    | Saran R              |           |  |  |                          |
| 12.    | Sivaprakash P        |           |  |  |                          |
| 13.    | Vinishya K           |           |  |  |                          |
| 14.    | Sanjay S             |           |  |  |                          |
| 15.    | Ashitha Parveen N H  | III ECE B | Open source EDA tools for SoC chip design            | Department of ECE, Sri Eshwar College of Engineering | 02.02.2023 to 03.02.2023 |
| 16.    | Kaviyadevi M         | III ECE B | Open source EDA tools for SoC chip design            | Department of ECE, Sri Eshwar College of Engineering | 02.02.2023 to 03.02.2023 |
| 17.    | Santhosh K           | III ECE C | Open source EDA tools for SoC chip design            | Department of ECE, Sri Eshwar College of Engineering | 02.02.2023 to 03.02.2023 |
| 18.    | Ravivarma V          | II ECE A  | Android  | Code bind technologies, Coimbatore                   | 09.01.2023               |
| 19.    | Syed Saabiq S G      | III ECE C | Android  | Code bind technologies, Coimbatore                   | 09.01.2023               |
| 20.    |                      |           | Corporate training test                              | Code bind technologies, Coimbatore                   | 09.01.2023               |

# Department of Electronics and Communication Engineering

## STUDENTS PARTICIPATION

## TECHNICAL SYMPOSIUM

| S. No. | Name of the Student | Class    | Event Name/ Prize       | conducted by                              | Date       |
|--------|---------------------|----------|-------------------------|---|------------|
| 1.     | Srikanth K          | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 2.     | Priyadharshana K    | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 3.     | Thendral Vasan S A  | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 4.     | Swathi M            | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 5.     | Hariniya S          | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 6.     | Sreehari Kumar P    | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 7.     | Anish K             | II ECE B | Paper presentation      | JCT College of Engineering and Technology | 27.04.2023 |
| 8.     | Pooja S             | II ECE B | Connexion               | ECLATZA 23, HICET                         | 23.03.2023 |
| 9.     |                     |          | Best Academic Performer | ECLATZA 23, HICET                         | 23.03.2023 |
| 10.    |                     |          | Paper Presentation      | i-SYM 23, HICET                           | 23.03.2023 |
| 11.    |                     |          | Start Music             | i-SYM 23, HICET                           | 23.03.2023 |

## STUDENT PARTICIPATIONS

### NATIONAL LEVEL CONTEST

| S. No. | Name of the Student                              | Class           | Name of the Contest                      | Conducted by                                       | Date                           |
|--------|--|-----------------|--|--|--------------------------------|
| 1.     | Kaviyadevi M<br>Koushika M<br>Manikandan S       | III<br>ECE<br>B | TECHqium Open<br>Innovation Competition. | L&T Technology Services                            | 20.01.2023                     |
| 2.     | Shanthini R<br>Dhabhrina<br>Joselyn E<br>Annam S | II<br>ECE<br>B  | Solar Vehicle<br>Championship 2023       | Hindusthan Educational<br>Institutions, Coimbatore | 29.03.2023<br>to<br>02.04.2023 |



## Hindusthan

College of Engineering and Technology  
(An Autonomous Institution)  
Approved by AICTE, Affiliated to Anna University  
Accredited with 'A' Grade by NAAC



CONGRATULATIONS AND BEST WISHES...!

Among 30000 students/434 teams  
with 17 HICET teams

our team has got selected out of 129 teams  
for Proof of Concept round in TECHqium ' 2022  
organised by L&T,Bangalore

PROJECT TITLED  
RF ENERGY HARVESTING IMPLANTS



MENTOR: T. ARANDE SELVA KARTHIK  
APJEE



J. Jayaprakash  
III - ECE



M. Koushika  
III - ECE



S. Manikandan  
III - ECE



M. Kaviyadevi  
III - ECE





# Department of Electronics and Communication Engineering

## SEMINAR

| S. No. | Name of the Student   | Class     | Name of the Programme   | National/<br>International | Organised by           | Sponsored<br>by | Date                           |
|--------|---|-----------|---|----------------------------|------------------------|-----------------|--------------------------------|
| 1.     | Iniya R<br>Dhabhrina Joselyn E<br>Janani<br>Kavibharathi M  | II ECE A  | The better half for building a better planet: The role of women in sustainable business leadership                | National                   | Department of ECE, HIT | ICSSR           | 17.04.2023<br>to<br>18.04.2023 |
| 2.     | Veeramanikandan S<br>Rohan<br>Vasanth Ruban<br>Neeraj Kumar<br>Barathraj K<br>Antony Samy P<br>Arunesh Kumar A<br>Akash S M | II ECE B  | Real time continuous monitoring of Biomakers to advance soldier performance and Enhancement in military personnel | National                   | Department of ECE, HIT | DRDO            | 08.03.2023                     |
| 3.     | Keerthish M   | III ECE B | Nano and Micro formulations as drug delivery systems for prevention of coronavirus disease                        | National                   | Department of ECE, HIT | SERB            | 12.05.2022<br>to<br>13.05.2022 |
| 4.     | Mathivathani E<br>Chaithanya M<br>Ram Lakshman S<br>Surendhar A<br>Saran R  | II ECE B  | Modern Eletrophoresis device for early detection of sickle cell anemia among the tribal communities in India      | National                   | Department of ECE, HIT | ICSSR           | 15.02.2023                     |

## TRAINING PROGRAM

| S. No. | Name of the Student   | Class    | Name of the Programme               | conducted by                                    | Date                           |
|--------|---|----------|-------------------------------------|---|--------------------------------|
| 1.     | Eswar V<br>Arjun R<br>Boobala Athikesavan S<br>Melvinallenjoe J<br>Thanaveer Kowsik J<br>Sonu Kochukoshy A<br>Neeraj Kumar D<br>Vijakumar V<br>Philip Jai M | III ECE  | Global Immersion Programme          | Knowskills TVET college, Kuala Lumbar, Malaysia | 25.01.2023<br>to<br>27.01.2023 |
| 2.     | Harikrishnan KV<br>Aswaith Simhan C P<br>Devadharshini A  | II ECE A | Campus Ambassador program           | Entrepreneurship cell, IIT Bhubaneswar          | Jan – Feb<br>2023              |
| 3.     | Swathi M  | II ECE B | Internship Program-Drone Technology | DE Drone world Solutions Pvt Ltd                | 02.01.2023<br>to<br>15.01.2023 |

# Department of Electronics and Communication Engineering

## ONLINE CERTIFICATION

| S. No. | Name of the Student | Class     | Name of the Course  | Conducted by | Date                  |
|--------|---------------------|-----------|---|--------------|-----------------------|
| 1.     | Vimal J             | III ECE C | Microsoft SQL for Beginners                                   | Udemy        | 19.04.2023 4 Hours    |
| 2.     |                     |           | Introduction to Machine Learning for Data Science             |              | 06.01.2023 5.5 Hours  |
| 3.     |                     |           | Intro to Data Science   |              | 06.01.2023 5 Hours    |
| 4.     |                     |           | Deploy a Production Machine Learning model with AWS and React |              | 22.02.2023 6 Hours    |
| 5.     |                     |           | Python for Beginners  |              | 19.04.2023 3 Hours    |
| 6.     |                     |           | Executive Briefing: AI  |              | 22.02.2023 2 Hours    |
| 7.     | Siranjeevi K        | III ECE C | Intro to Data Science   | Udemy        | 06.01.2023 5 Hours    |
| 8.     |                     |           | Deploy a Production Machine Learning model with AWS and React |              | 19.04.2023 6 Hours    |
| 9.     |                     |           | Microsoft SQL for Beginners                                   |              | 19.04.2023 4 Hours    |
| 10.    |                     |           | Introduction to Machine Learning for Data Science             |              | 06.01.2023 5.5 Hours  |
| 11.    |                     |           | Python for Beginners  |              | 20.04.2023 3 Hours    |
| 12.    |                     |           | Artificial Intelligence with Machine Learning, Deep Learning  |              | 20.04.2023 23 Hours   |
| 13.    | Sarath Aarthiyen P  | III ECE C | Deploy a Production Machine Learning model with AWS and React | Udemy        | 22.04.2023 6 Hours    |
| 14.    |                     |           | Python for Beginners  |              | 23.01.2023 3 Hours    |
| 15.    |                     |           | Introduction to Machine Learning for Data Science             |              | 06.01.2023 5.5 Hours  |
| 16.    |                     |           | Microsoft SQL for Beginners                                   |              | 23.01.2023 4 Hours    |
| 17.    |                     |           | Intro to Data Science   |              | 06.01.2023 5 Hours    |
| 18.    |                     |           | Executive Briefing: AI  |              | 22.02.2023 2 Hours    |
| 19.    | Koushika M          | III ECE B | Introduction to Microsoft Azure IOT                           | Udemy        | 20.01.2023 3 Hours    |
| 20.    |                     |           | RF/ Antenna Fundamentals                                      |              | 20.01.2023 1.5 Hours  |
| 21.    |                     |           | Microsoft power point in 1 Hour: Introduction to power point  |              | 18.01.2023 1.5 Hours  |
| 22.    |                     |           | Let's Learn Hindi through English                             |              | 17.01.2023 7.5 Hours  |
| 23.    |                     |           | The Art and Science of Drawing/ BASIC SKILLS                  |              | 13.01.2023 4.5 Hours  |
| 24.    |                     |           | SQL Programming Basics  |              | 13.01.2023 1.5 Hours  |
| 25.    | Jeyaprakash J       | III ECE B | Introduction to CSS-Complete Beginner to Expert Course        | Udemy        | 20.01.2023 4 Hours    |
| 26.    |                     |           | HTML- Introduction to HTML Web Development                    |              | 04.01.2023 5.5 Hours  |
| 27.    | Tamilselvan         | III ECE C | Cloud Computing Fundamentals                                  | Udemy        | 22.02.2023 3 Hours    |
| 28.    |                     |           | Introduction to Web Development                               |              | 22.02.2023 2 Hours    |
| 29.    |                     |           | Deploy a Production Machine Learning model with AWS and React |              | 22.02.2023 6 Hours    |
| 30.    |                     |           | Careers in Data Science A-Z                                   |              | 22.02.2023 3.5 Hours  |
| 31.    |                     |           | Artificial Intelligence with Machine Learning, Deep Learning  |              | 22.02.2023 17 Hours   |
| 32.    | Kirubhakaran R      | III ECE B | Microcontroller Embedded C Programming: Absolute Beginners    | Udemy        | 20.01.2023 16.5 Hours |
| 33.    |                     |           | The Absolute Beginners Guide to Cyber Security 2023-Part 1    |              | 22.01.2023 4.5 Hours  |
| 34.    |                     |           | Microsoft Azure Fundamentals Exam Prep 2023                   |              | 23.01.2023 6 Hours    |
| 35.    |                     |           | Make your first 2D Game with Unity and C#                     |              | 23.01.2023 4 Hours    |
| 36.    |                     |           | Hands -on Embedded Systems with Atmel SAM4s ARM Processor     |              | 23.01.2023 2 Hours    |
| 37.    | Karthikeyan         | III ECE C | The complete JAVA Script course 2023                          | Udemy        | 29.05.2023 69 Hours   |

# Department of Electronics and Communication Engineering

|     |                      |           |  |                              |                       |
|-----|----------------------|-----------|--|------------------------------|-----------------------|
| 38. | Kaviyadevi M         | III ECE B | All about Arduino wireless and the IOT                         | Udemy                        | 23.01.2023 6 Hours    |
| 39. |                      |           | SQL Programming Basics   |                              | 18.01.2023 1.5 Hours  |
| 40. |                      |           | Python for Beginners   |                              | 23.01.2023 3 Hours    |
| 41. | Manikandan S         | III ECE B | Pic Microcontroller and pcb designing step by step             | Udemy                        | 27.03.2023 6 Hours    |
| 42. |                      |           | RF/Antenna Fundamentals  |                              | 20.01.2023 1.5 Hours  |
| 43. |                      |           | SQL Programming Basics   |                              | 07.01.2023 1.5 Hours  |
| 44. |                      |           | Beginner Full Stack web Development: HTML, CSS, React and Node |                              | 31.01.2023 31.5 Hours |
| 45. |                      |           | Learn the Art and Science of PCB design with Eagle             |                              | 08.02.2023 3.5 Hours  |
| 46. |                      |           | JavaScript basics for Beginners                                |                              | 20.01.2023 6.5 Hours  |
| 47. |                      |           | SEO tutorial for Beginners                                     |                              | 08.02.2023 1 Hour     |
| 48. | Thanaveer Kowsik J S | III ECE A | RDBMS  | IBM Career education program | 30.04.2023            |
| 49. |                      |           | Design Thinking  |                              | 04.05.2023            |
| 50. | Angel Wilson         | III ECE A | RDBMS  | IBM Career education program | 26.04.2023            |
| 51. |                      |           | Design Thinking  |                              | 04.05.2023            |
| 52. | Janine Rohan L       | III ECE A | RDBMS  | IBM Career education program | 04.05.2023            |
| 53. |                      |           | Design Thinking  |                              | 03.05.2023            |
| 54. | Zen Thomas           | III ECE A | RDBMS  | IBM Career education program | 27.04.2023            |
| 55. |                      |           | Design Thinking  |                              | 27.04.2023            |
| 56. | Saran                | III ECE A | Introduction to Python   | IBM Career education program | 03.05.2023            |
| 57. | Naveen Kumar N       | III ECE A | Design Thinking  | IBM Career education program | 27.04.2023            |
| 58. |                      |           | RDBMS  |                              | 26.04.2023            |
| 59. | Monish M             | III ECE A | RDBMS  | IBM Career education program | 26.04.2023            |
| 60. |                      |           | Design Thinking  |                              | 30.04.2023            |
| 61. | Santhoshperumal J    | III ECE A | Design Thinking  | IBM Career education program | 27.04.2023            |
| 62. | Hariniya S           | II ECE A  | RDBMS  | IBM Career education program | 01.05.2023            |
| 63. |                      |           | JAVA Fundamentals  |                              | 01.05.2023            |
| 64. |                      |           | Introduction to Python   |                              | 28.04.2023            |
| 65. | Bhavyakrishnan T K   | II ECE A  | JAVA Fundamentals  | IBM Career education program | 28.04.2023            |
| 66. |                      |           | RDBMS  |                              | 28.04.2023            |
| 67. | Deva Priya S         | II ECE A  | JAVA Fundamentals  | IBM Career education program | 28.04.2023            |
| 68. | Vignesh Bhaskar V    | III ECE A | Design Thinking  | IBM Career education program | 27.04.2023            |
| 69. |                      |           | RDBMS  |                              | 26.04.2023            |
| 70. | Keerthish M          | III ECE B | Introduction to JAVA Programming                               | Coursera                     | 29.12.2022            |
| 71. |                      |           | Learning Internet of Things with thingworx                     | Infosys Springboard          | 30.12.2022            |
| 72. |                      |           | Introduction to JAVA Programming                               | Infosys Springboard          | 29.12.2022            |
| 73. | Gokul A P            | III ECE B | Learning Python  | Infosys Springboard          | 02.02.2023            |
| 74. | Dhanucith S N        | III ECE B | Learning Python  | Infosys Springboard          | 02.02.2023            |
| 75. | Sreekesh P           | III ECE C | Presentation Skills  | Infosys Springboard          | 01.11.2023            |
| 76. | Jeyaprakash J        | III ECE B | JAVA Programming – Introduction                                | Infosys Springboard          | 18.12.2022            |
| 77. | Veerakumar N         | III ECE C | Presentation Skills  | Infosys Springboard          | 03.11.2022            |
| 78. | Thamaraiselvam A     | II ECE B  | Telephone Etiquette  | tcs ion                      | 23.01.2023            |
| 79. | Keerthish M          | III ECE B | Python   | Kaggle                       | 23.12.2022            |
| 80. | Riyas S              | II ECE B  | IOT Foundations  | Linkedin Learning            | 21.01.2023            |
| 81. | Arunkumar V          | II ECE A  | Machine Learning   | SkillUp                      | 02.01.2023            |
| 82. | Ejash Shajan S       | II ECE A  | Machine Learning   | SkillUp                      | 02.01.2023            |
| 83. | Tharun               | III ECE A | Basics of Managing Money                                       | TRAININDIA                   | 12.08.2021            |
| 84. | Sangeetha V          | III ECE A | Basics of Managing Money                                       | TRAININDIA                   | 12.08.2021            |
| 85. | Bagavathi            | III ECE B | Basics of Managing Money                                       | TRAININDIA                   | 12.08.2021            |
| 86. | Vijayaragavan R      | III ECE C | Basics of Managing Money                                       | TRAININDIA                   | 12.08.2021            |
| 87. | Sherine Glaudia J    | III ECE A | Flipkart SCOA Pre-Assessment 2023                              | SCOA Academy                 | 28.04.2023            |
| 88. |                      |           | IT for Business Success  | Hp Life                      | 30.04.2023            |
| 89. |                      |           | Design Thinking  |                              | 30.04.2023            |
| 90. |                      |           | Agile Methodology Virtual Experience program                   | Cognizant/Forage             | 30.04.2023            |
| 91. |                      |           | Data Visualisation   | TATA/Forage                  | 30.04.2023            |



# Department of Electronics and Communication Engineering

| S. No. | Name of the Student       | Class     | Name of the Course                      | Pass Percentage                             | Duration                   |
|--------|---------------------------|-----------|---|---|----------------------------|
| 1.     | Dineshkumar K             | III ECE A | Computer networks and Internet protocol | 61  | 12 Weeks<br>JAN-APRIL 2022 |
| 2.     | Immanuel B S              | III ECE A | Computer networks and Internet protocol | 52  |                            |
| 3.     | Thanaveer Kowsik J S      | III ECE A | Computer networks and Internet protocol | 67 Elite                                    |                            |
| 4.     | Abinaya R                 | III ECE B | Computer networks and Internet protocol | 51  |                            |
| 5.     | Aravinth P                | III ECE B | Computer networks and Internet protocol | 51  |                            |
| 6.     | Ashitha Parveen N H       | III ECE B | Computer networks and Internet protocol | 60 Elite                                    |                            |
| 7.     | Balaji G                  | III ECE B | Computer networks and Internet protocol | 57  |                            |
| 8.     | Bindushree M              | III ECE B | Computer networks and Internet protocol | 52  |                            |
| 9.     | Dhanucith S N             | III ECE B | Computer networks and Internet protocol | 55  |                            |
| 10.    | Divya Singh               | III ECE B | Computer networks and Internet protocol | 55  |                            |
| 11.    | Godson C                  | III ECE B | Computer networks and Internet protocol | 55  |                            |
| 12.    | Gokul S                   | III ECE B | Computer networks and Internet protocol | 56  |                            |
| 13.    | Ilayadevan U S            | III ECE B | Computer networks and Internet protocol | 52  |                            |
| 14.    | Jeyaprakash J             | III ECE B | Computer networks and Internet protocol | 54  |                            |
| 15.    | John Joseph D             | III ECE B | Computer networks and Internet protocol | 53  |                            |
| 16.    | Kaviyadevi M              | III ECE B | Computer networks and Internet protocol | 56  |                            |
| 17.    | Keerthana Devi V          | III ECE B | Computer networks and Internet protocol | 60 Elite                                    |                            |
| 18.    | Keerthish M               | III ECE B | Computer networks and Internet protocol | 52  |                            |
| 19.    | Koushika M                | III ECE B | Computer networks and Internet protocol | 57  |                            |
| 20.    | Melvinallenjoe J          | III ECE B | Computer networks and Internet protocol | 53  |                            |
| 21.    | Miruthula T               | III ECE B | Computer networks and Internet protocol | 69 Elite                                    |                            |
| 22.    | Muthukrishnan M           | III ECE C | Computer networks and Internet protocol | 52  |                            |
| 23.    | Nandhini R                | III ECE C | Computer networks and Internet protocol | 60 Elite                                    |                            |
| 24.    | Naveena J                 | III ECE C | Computer networks and Internet protocol | 54  |                            |
| 25.    | Noujahan Bin Jafer        | III ECE C | Computer networks and Internet protocol | 50  |                            |
| 26.    | Raghuram M                | III ECE C | Computer networks and Internet protocol | 58  | 12 Weeks<br>JAN-APRIL 2022 |
| 27.    | Roshan P R                | III ECE C | Computer networks and Internet protocol | 52  |                            |
| 28.    | Sakthi Dharshini S        | III ECE C | Computer networks and Internet protocol | 51  |                            |
| 29.    | Sarath Aarthiyar P        | III ECE C | Computer networks and Internet protocol | 57  |                            |
| 30.    | Sherine Glaudia S         | III ECE C | Computer networks and Internet protocol | 57  |                            |
| 31.    | Shri Manju Rekha K        | III ECE C | Computer networks and Internet protocol | 51  |                            |
| 32.    | Sujin A S                 | III ECE C | Computer networks and Internet protocol | 56  |                            |
| 33.    | Tamilselvan B             | III ECE C | Computer networks and Internet protocol | 51  |                            |
| 34.    | Varshini A L              | III ECE C | Computer networks and Internet protocol | 55  |                            |
| 35.    | Veerakumar N              | III ECE C | Computer networks and Internet protocol | 55  |                            |
| 36.    | Vijayaragavan R           | III ECE C | Computer networks and Internet protocol | 52  | 12 Weeks<br>JAN-APRIL 2022 |
| 37.    | Santhosh K                | III ECE C | Computer networks and Internet protocol | 37  |                            |
| 38.    | Santhoshini K             | III ECE C | Computer networks and Internet protocol | 60 Elite                                    |                            |
| 39.    | Senthamizhselvan S        | III ECE C | Computer networks and Internet protocol | 57  |                            |
| 40.    | Akash S                   | III ECE A | Computer networks and Internet protocol | 54  |                            |
| 41.    | Dhanush E                 | III ECE A | Computer networks and Internet protocol | 51  |                            |
| 42.    | Dhileep K                 | III ECE A | Computer networks and Internet protocol | 54  |                            |
| 43.    | Akalya S                  | III ECE B | Computer networks and Internet protocol | 62 Elite                                    |                            |
| 44.    | Sonu.K.Achenkunju         | III ECE C | Computer networks and Internet protocol | 49  |                            |
| 45.    | K.Najeep Rahman           | III ECE C | Computer networks and Internet protocol | 66 Elite                                    |                            |
| 46.    | Harish S                  | III ECE A | Cloud Computing                         | 61 Elite                                    |                            |
| 47.    | Janine Rohan L            | III ECE A | Cloud Computing                         | 65 Elite                                    |                            |
| 48.    | Nivash C                  | III ECE A | Cloud Computing                         | 63 Elite                                    |                            |
| 49.    | Sanjaisaran S             | III ECE A | Cloud Computing                         | 54  |                            |
| 50.    | Santhoshperumal J         | III ECE A | Cloud Computing                         | 60 Elite                                    |                            |
| 51.    | Tharun Lal P M S          | III ECE A | Cloud Computing                         | 61 Elite                                    |                            |
| 52.    | Vignesh Bhaskar V         | III ECE A | Cloud Computing                         | 76 Elite + Silver                           |                            |
| 53.    | Manikandan S              | III ECE B | Cloud Computing                         | 81 Elite + Silver<br>TOPPER 5<br>PERCENTAGE |                            |
| 54.    | Sreekesh P                | III ECE C | Cloud Computing                         | 78 Elite + Silver                           |                            |
| 55.    | Syed Anas A               | III ECE C | Cloud Computing                         | 70 Elite                                    |                            |
| 56.    | Thabsheer Ali Bin Basheer | III ECE C | Cloud Computing                         | 56  |                            |
| 57.    | Pachur J Tharun           | III ECE A | Cloud Computing                         | 62  |                            |
| 58.    | Mariyappan B              | III ECE A | Cloud Computing                         | 54  |                            |
| 59.    | Balaji G                  | III ECE B | Programming in Java                     | 76 Elite                                    |                            |

# Department of Electronics and Communication Engineering

## NPTEL ACHIEVERS



No of Students Registered for the Exam -84

No of Students Cleared the Exam -59

No of Toppers -1

No of students in Elite Silver Category -3

No of students in Elite Category -16

**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SREEKESH P**  
for successfully completing the course

**Cloud Computing**  
with a consolidated score of **78** %  
Online Assignments **24.38/25** Proctored Exam **53.37/75**  
Total number of candidates certified in this course: **11454**

Jan-Apr 2023  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS42523390644 To validate 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  
**VIGNESH BHASKAR V**  
for successfully completing the course

**Cloud Computing**  
with a consolidated score of **76** %  
Online Assignments **23.44/25** Proctored Exam **52.55/75**  
Total number of candidates certified in this course: **11454**

Jan-Apr 2023  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS42564380116 To validate 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  
**SYED ANAS A**  
for successfully completing the course

**Cloud Computing**  
with a consolidated score of **70** %  
Online Assignments **24.38/25** Proctored Exam **45.92/75**  
Total number of candidates certified in this course: **11454**

Jan-Apr 2023  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS42564380131 To validate 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  
**NANDHINI R**  
for successfully completing the course

**Computer Networks and Internet Protocol**  
with a consolidated score of **60** %  
Online Assignments **22.35/25** Proctored Exam **37.74/75**  
Total number of candidates certified in this course: **3082**

Jan-Apr 2023  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS48543395150 To validate the certificate No. of credits recommended: 3 or 4



# Department of Electronics and Communication Engineering

**Elite**

**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**BASKAR DURAISAMY**  
for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **76** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.75/25 | Proctored Exam | 52.04/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2034**

Jul-Sep 2022  
(8 week course)

Prof. Debjani Chakraborty  
NPTEL Coordinator  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS97523057432 To validate the certificate No. of credits recommended: 2 or 3

**Elite**

**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MENAKADEVI N**  
for successfully completing the course

**Principles of Signal Estimation for MIMO/OFDM  
Wireless Communication**

with a consolidated score of **86** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.88/25 | Proctored Exam | 64.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **211**

Jul-Oct 2022  
(12 week course)

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

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

**Elite**

**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ANANDASELVAKARTHIK T**  
for successfully completing the course

**Principles of Signal Estimation for MIMO/OFDM  
Wireless Communication**

with a consolidated score of **85** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.88/25 | Proctored Exam | 63/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **211**

Jul-Oct 2022  
(12 week course)

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

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL22EE72554482604 To validate 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  
**A SURESH BABU**  
for successfully completing the course

**System Design Through VERILOG**

with a consolidated score of **76** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.92/25 | Proctored Exam | 55.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **645**

Jul-Sep 2022  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam



# Department of Electronics and Communication Engineering

## STUDENT PARTICIPATIONS

### EXTRA CURRICULAR ACTIVITIES

| S.No. | Name of the Student                                    | Class     | Name of the Competition   | Place        | Conducted by   | Date                     |
|-------|--|-----------|---|--------------|--|--------------------------|
| 1.    | Dhabhrina Joselyn E                                    | II ECE A  | Drawing   | II           | National Science day, Aeronautical Engineering, HICET                          | 28.02.2023               |
| 2.    | Dhabhrina Joselyn E                                    | II ECE A  | Sensitization program on the provisions of Transgender persons Act, 2019 and Rules 2020 |              | National Institute of Social Defence (NISD) and Hindusthan Arts and Science    | 10.02.2023               |
| 3.    | Ajishini C   |           |   |              |  |                          |
| 4.    | Bhavyakrishnan T K                                     |           |   |              |  |                          |
| 5.    | Deva Priya S   |           |   |              |  |                          |
| 6.    | Lydia E  |           |   |              |  |                          |
| 7.    | Janani R   |           |   |              |  |                          |
| 8.    | Harinya S  |           |   |              |  |                          |
| 9.    | Jhawahar J<br>Gokul Pandian K                          |           |   |              |  |                          |
| 10.   | Jhawahar J   | II ECE A  | Donating Blood  |              | Swami Vivekananda blood centre, Coimbatore                                     | 20.02.2023               |
| 11.   | Philip Jai Milton S                                    | II ECE B  | Donating Blood  |              | Swami Vivekananda blood centre, Coimbatore                                     | 20.02.2023               |
| 12.   | Mahavishnu S   | II ECE    | Donating Blood  |              | Shanthi Social Service, Coimbatore   | 04.03.2023               |
| 13.   |  | A         | Donating Blood  |              | Swami Vivekananda blood centre, Coimbatore                                     | 20.02.2023               |
| 14.   | Sreekesh P   | III ECE C | E Commerce and Tech Quiz of Flipkart GRiD 4.0 – Software Development                    |              | Flipkart   |                          |
| 15.   | Ranjith A S  | II ECE B  | ICC International fide rapid rating chess tournament                                    | Secured 4/8  | Adithya Global School, Coimbatore  | 26.02.2023               |
| 16.   | Naveen V   | II ECE B  | National Science day Quiz contest   |              | NSS, HICET   | 28.02.2023               |
| 17.   | Karikrishnan KV  | II ECE    | National Youth day Quiz   |              | NSS, HICET   | 12.01.2023               |
| 18.   |  | A         | Army day Quiz competition   |              | NSS, HICET   | 15.01.2023               |
| 19.   | Kalidass P   | II ECE A  | 20 <sup>th</sup> Edition of the Quiztrac/Quiztrac juniors                               |              | PSG College of Arts and Science  | 26.03.2023               |
| 20.   | Manikandan S   | III ECE B | Google cloud career practitioners pathway campaign 2022-2023                            | Completed    | Google developer student clubs, Dr.Babasaheb Ambedhar technological University |                          |
| 21.   |  |           | Movie ticket booking Chat-Bot project   | Completed    | Google developer student clubs, Dr.Babasaheb Ambedhar technological University | 14.12.2022 to 08.01.2023 |
| 22.   | Dhayanand A P<br>Oviya R<br>Bharath Kumar III<br>ECE A | II ECE A  | Short Film contest  | Participated | G20 University Connect Lecture Series, Anna University, Chennai                | Feb 2023                 |

## Department of Electronics and Communication Engineering

### STUDENT PLACEMENTS

| S.NO | UNIV ROLL NO | FULL NAME                     | COMPANY PLACED        |
|------|--------------|-------------------------------|-----------------------|
| 1.   | 19106060     | KRISHNAKUMAR R                | CTS Gen C Elevate     |
| 2.   | 19106008     | ARCHANA B                     | CTS                   |
| 3.   | 19106067     | MAHESHWAR M                   | CTS                   |
| 4.   | 19106075     | MOURISH MANO RANJAN           | CTS                   |
| 5.   | 19106113     | <u>SOURNAMALYA.S.B</u>        | CTS                   |
| 6.   | 19106061     | KRISHNA MOORTHY M             | CENTIZEN INC          |
| 7.   | 19106015     | CHALUVADI SOMANADH            | DUCEN                 |
| 8.   | 19106096     | RIFHATH RIZAN MOHAMMAD RABEEK | DUCEN                 |
| 9.   | 19106067     | MAHESHWAR M                   | HEXAWARE TECHNOLOGIES |
| 10.  | 19106071     | MARI NEELA PARVATHY S         | HEXAWARE TECHNOLOGIES |
| 11.  | 19106105     | SHAHITH.S                     | HEXAWARE TECHNOLOGIES |
| 12.  | 19106110     | SHRUTHI.K                     | HEXAWARE TECHNOLOGIES |
| 13.  | 19106112     | SNEHA.P                       | HEXAWARE TECHNOLOGIES |
| 14.  | 19106063     | LINKESHVARAN R                | INNO VALLEY WORKS     |
| 15.  | 19106124     | SYED SHARUKH                  | KAAR TECHNOLOGIES     |
| 16.  | 19106011     | BAKKAMUNTHALA MAHENDRA        | LTI                   |
| 17.  | 19106026     | GAJJALA VAMSI                 | LTI                   |
| 18.  | 19106099     | ROHUL SIBI M                  | LTI                   |
| 19.  | 19106041     | HARISH V                      | VINSINFO              |
| 20.  | 19106045     | JAGADEESH K                   | VINSINFO              |

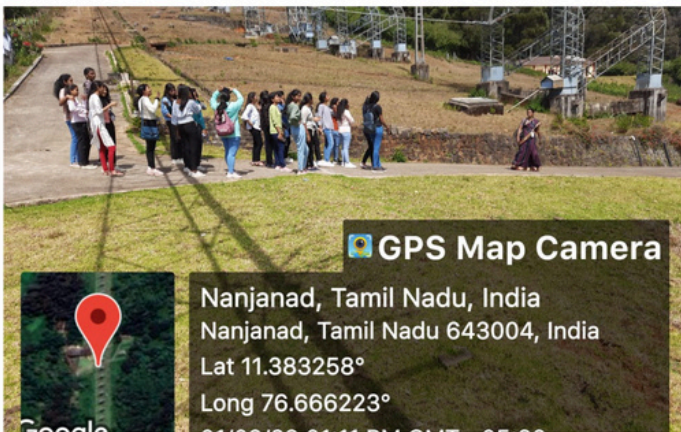
## STUDENT PLACEMENTS

| S.NO | UNIV ROLL NO | FULL NAME                   | COMPANY PLACED                    |
|------|--------------|-----------------------------|-----------------------------------|
| 21.  | 19106133     | VIKRAM R                    | VINSINFO                          |
| 22.  | 19106035     | GOWTHAMEN S                 | SANMINA SCI TECHNOLOGIES          |
| 23.  | 19106074     | MONISHA R                   | SANMINA SCI TECHNOLOGIES          |
| 24.  | 19106137     | YAMUNA.A                    | SOLARTIS TECHNOLOGY SERVICES      |
| 25.  | 19106127     | R. THILLAIKARASI            | FACE PREP                         |
| 26.  | 19106118     | SUBHIKSHA S                 | UNEARTHINSIGHT                    |
| 27.  | 19106088     | RAJALAKSHMI R               | G3Orbit Walnut                    |
| 28.  | 19106050     | KALAI SELVAN A              | LAKSHMI ELECTRICAL CONTROLSYSTEMS |
| 29.  | 19106056     | KARTHIKRAJAN LS             | LAKSHMI ELECTRICAL CONTROLSYSTEMS |
| 30.  | 19106059     | KOTA HARISH SRI RAGHAVENDRA | LAKSHMI ELECTRICAL CONTROLSYSTEMS |
| 31.  | 19106024     | DHINESHKUMAR S              | DELPHI TVS                        |
| 32.  | 19106028     | GNANAABISHECK G             | DELPHI TVS                        |
| 33.  | 19106036     | GUGANESH M                  | DELPHI TVS                        |
| 34.  | 19106046     | JEEVA N                     | DELPHI TVS                        |
| 35.  | 19106053     | KARTHICK BALA K             | DELPHI TVS                        |
| 36.  | 19106054     | KARTHICKRAJA K              | DELPHI TVS                        |
| 37.  | 19106055     | KARTHIKEYAN S               | DELPHI TVS                        |
| 38.  | 19106058     | KISHORE.S                   | DELPHI TVS                        |
| 39.  | 19106073     | MONISH K                    | DELPHI TVS                        |
| 40.  | 19106079     | NISHANTH DANIEL.J           | DELPHI TVS                        |
| 41.  | 19106089     | RAJARAJAN J                 | DELPHI TVS                        |
| 42.  | 19106094     | RANJUL R                    | DELPHI TVS                        |
| 43.  | 19106111     | <u>R.SIVASANJEEVI</u>       | DELPHI TVS                        |
| 44.  | 19106108     | SHIYAM SUNDAR T             | DELPHI TVS                        |



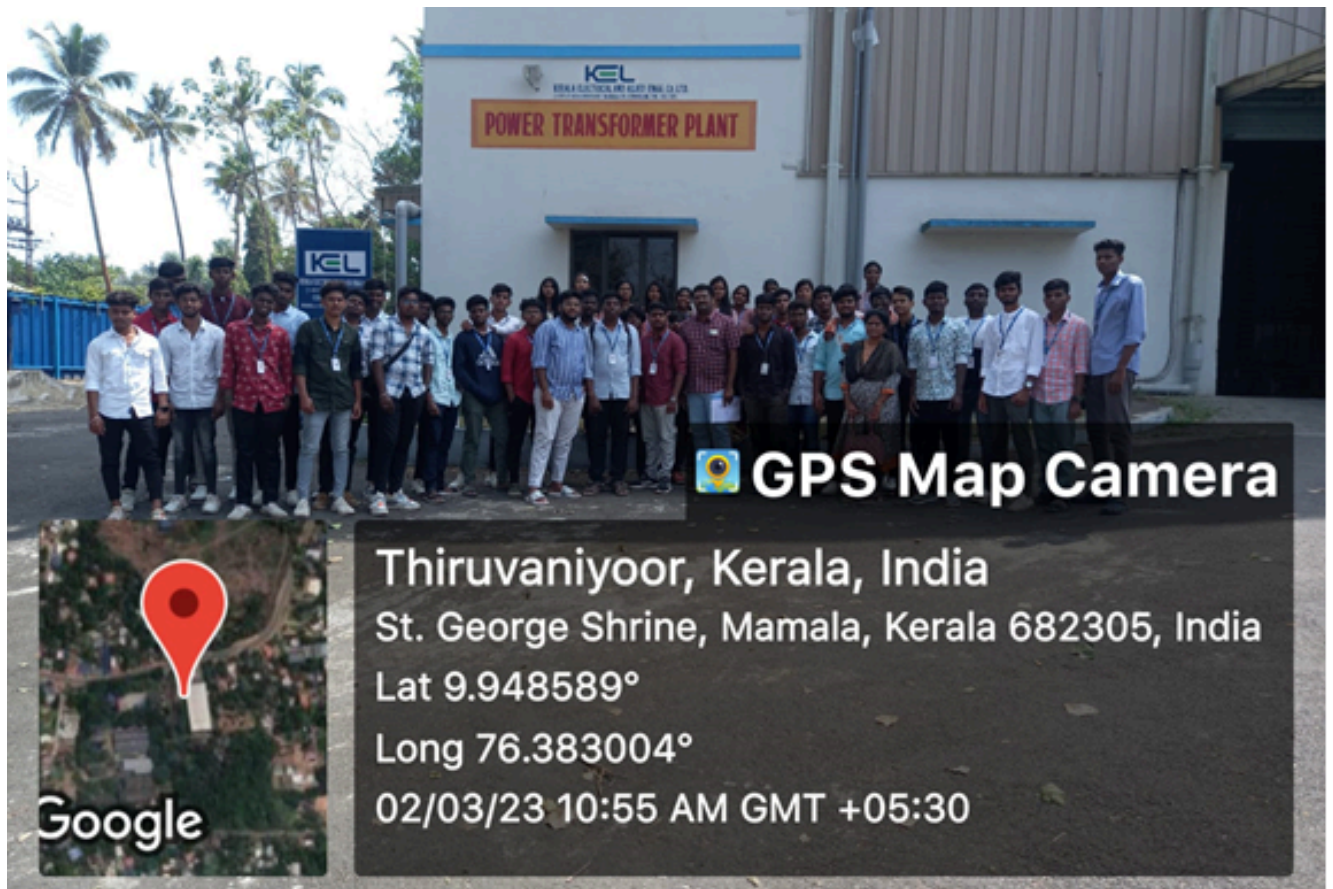
## INDUSTRIAL VISIT

### Radio Astronomy Centre on 01.02.2023





## Electrical & Allied Engg .Co.Ltd Cochin on 02.03.23



## Kaynes Technology India Pvt.Ltd., Mysuru on 20.03.23



# Department of Electronics and Communication Engineering

## FACULTY PUBLICATIONS

| S.No | Name of the Faculty      | Name of the Journal  | Title of the Paper   | Volume No. /Issue No./Page No. /Year   |
|------|--------------------------|--|--|--|
| 1.   | Dr.P.Vijayalakshmi       | Intelligent Automation & Soft Computing                                | Multisensor Information Fusion for Condition Based Environment Monitoring                                      | Vol. 36,10131025,2023                  |
| 2.   | Dr.P.Vijayalakshmi       | Intelligent Automation & Soft Computing                                | Generalized Jaccard Similarity Based Recurrent DNN for Virtualizing Social Network Communities                 | Vol. 36 Issue 3, p2719-2730 2023.      |
| 3.   | Dr.P.Vijayalakshmi       | Intelligent Automation & Soft Computing                                | Defected Ground Structure Multiple Input-Output Antenna For Wireless Applications                              | 46,2,2109-2122, Feb 2023               |
| 4.   | Dr P F Khaleelur Rahiman | International Journal of New Innovations in Engineering and Technology | Development of a Facial Features Monitoring for Real Time Drowsiness Detection using ANN Algorithm             | Vol 22, ,12501255,2023                 |
| 5.   | Ms.T.Nivethitha          | BioGecko   | An improved Computer aided diagnosis of breast cancer detection using mammogram and machine learning algorithm | Vol.12,1,746-754 2023                  |
| 6.   | Dr. T. Manjula           | InternationIn Journal of new Innovations and Research                  | Bacterial skin infection detection using ANFIS   | volume22 Issue 1 Apr 23 ISSN 2319-6319 |