

# ECE News Letter

## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2000. It offers UG Programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out Ph.D. Programme under Anna University. It has good infrastructural facilities with well-experienced and dedicated team of faculty members. The Department has signed MoU with various companies and has collaboration in Research & Development / Student Projects / Consultancy works. The Department organizes National level Students' Technical Symposia and Project Exhibition every year.



The Department is Accredited by NBA, AICTE since 2009. The department comprises of 9 supportive and air conditioned Laboratories.

Our students are placed in various top MNCs like CTS, TCS, Wipro, Infosys, IBM, Tech Mahendra, IBM, EDS, SAP Labs, Accenture, Mind Tree, Hexaware, etc.

### Courses Offered:

- B.E. Electronics and Communication Engineering (4 Years)
- M.E. Applied Electronics courses (2 Years)



## VISION

- ✓ To impart professional excellence, leadership qualities and competence, embedded with character in students and serve the society through research.

## MISSION

- ✓ Create Learning Environment to serve the societal needs
- ✓ Impart state of art Technical Education to groom engineers with high professional standards
- ✓ Promote innovative ideas and augment research to improve the quality of life through application of technologies
- ✓ Provide high quality ethical engineers for the Benefit of the Society



## ASSOCIATION ACTIVITIES:

Mr.Seetharaman Vijayagopal, Managing Director, Uvid Tech Solution, Chennai (2007 Passed out alumnus) inaugurated “Whizzcom”- ECE Students Association activity.

Mr.K.Prabhu Shankar, Lead-Software Engineer, Gartner, Chennai (2007 Passed out alumnus) delivered a Guest Lecture on “Distributed Computing System” on 13.09.2021.

Department of Electronics and Communication Engineering celebrated Engineer’s Day on 15-09-2021.

The Workshop on “Machine Learning – Hands on Training” was held on 12.10.2021 at 11.30 am. Dr.M.Jayasanthi (2005 Passed out alumnus), Associate Professor, Department of ECE, PSG Institute of Technology and Applied Research, Coimbatore was the resource person of the event.

The Guest Lecture on “Preparation for better Campus Placement” was held on 30.10.2021 at 9.30 a.m. at Main Block Seminar Hall. Ms.M.Geetha Seetha Lakshmi (2010 Passed out alumnus), Lead- Software Engineer, Net cracker Technology India Ltd. Bangalore was the resource person of the event.

Dr. Christian Johnson, IQAC Convener, Erode Sengunthar Engineering College, Perundurai, Erode, Tamil Nadu, India gave a lecture on “National Education Policy witha Focus on Innovation and Entrepreneurship”.

The Mini Project Expo was conducted on 29.11.2021 at 11.30 a.m. at ECE and For this event, Dr.T.S.Senthil Professor/Physics cum R & D director, ESEC acted as Jury.

Mr.R.Praveenkumar (2019 passed out alumnus), Network Engineer, Bharti Airtel Pvt Ltd. has given a lecture about his working experience and motivational speech for the III year studentson 29.11.2021.

Mr.P.P.Suraj, Network Analyser, Vodafone Idea Limited (formerly Idea Cellular Limited), Gurgaon.(2018 passed out alumnus), Network Engineer, Bharati Airtel

Pvt Ltd. has given motivational speech on 03.12.2021.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ✓ Impart the learners, an ability to understand and use analytical, academic and communication skills effectively with special emphasis to fulfill societal needs
- ✓ Inspire the beginners to enrich their skills throughout career by learning about emerging technologies, adapting and accepting the changes to achieve leadership position in industry or academia
- ✓ Prepare graduates to innovate products/solutions through research to real life problems for boosting the economy of the region and the nation
- ✓ Prepare graduates to work effectively as a team and practice ethics in the profession with a sense of social responsibility



## R & D proposals Granted/Submitted:

- All India Council For Technical Education has provisionally recommended the Project , “Design and Development of Machine Learning Based Vehicular MIMO VLC system with imaging receivers submitted by Dr.R.Kalaivani P/ECE under Research Promotion Scheme (Applied for 24 Lakhs).
- Kaviya Priya D, Kovarthini. R and Dhivya B were short listed for FAER –Mcafee Scholar award 2021-2022 program for the project proposal titled “Lug cancer detection using digital image processing on CT scan” under the guidance of Mr. V. Thamizharasan Assistant Professor, ECE.

## Faculty Applied for Ph.D. Supervisorship:

- Dr.S.Vimalnath, AP/ECE has applied for Ph.D. Supervisorship in Anna University December 2021.

## PAPER PUBLICATIONS BY FACULTY:

- Dr.R.Kalaivani, published an article titled “Secured Wireless Connectivity with Machine Learning Optimized Flawless IoT” in the International Journal of Aquatic Science during July 2021.
- Dr. S. Vimalnath, published an article titled “Traffic controlling and monitoring using IoT” in Journal of Physics: Conference Series, during October 2021.
- Dr. S. Vimalnath, published an article titled “Improved Radio Resource allocation in 5G Network Using Fuzzy Logic Systems” in Journal of Intelligent Automation and Soft Computing, Vol.32, No.3, 2021.
- Dr.V. Premchandran, M. Karthikkumar and V. Thamizharasan, published an article titled “Solar Powered Autonomous Robotic Car Using for Surveillance” in Springer publication series "Smart Innovation, Systems and Technologies, during December 2021.
- Dr.V. Premchandran, published an article titled “Effect of surfactant on the electrochemical performance of WO<sub>3</sub> as super capacitor electrode” in Journal of Materials Science: Materials in Electronics, during September 2021.
- Dr.V. Premchandran, published an article titled “IoT-Enabled Wireless Sensor Networks for Controlled and Safe Routing” in International Journal of Aquatic Science, during July 2021.
- Dr.K.Jayaram, published an article titled “Design of Logically Obfuscated Memory and Arithmetic Logic Unit for Improved Hardware Security” in Intelligent Automation and Soft Computing, Tech Science Press, November during 2021.



### **Patents Published by Faculties:**

- Dr. S. Vimalnath published a patent “Traffic controlling and monitoring using Internet of Things” during August 2021.
- Dr.M.Dhipa, Dr.S.Vimalnath, Mr.V.Thamizharasan and Mr.M.Karthik Kumar have published a design patent “Data Processing Equipment as well as Peripheral Apparatus and Devices” during September 2021.
- Dr.R.Kalaivani, Dr.M.Dhipa and Mr.P.Logamurthy have filed a patent “Machine Learning” during November 2021.

### **Faculties attended FDP/Workshop/Seminar/Conference:**

- Dr. R. Kalaivani, Professor and Head, attended a workshop titled “Metamaterial Characteristics in RF Technology” at Kumaraguru College of Engineering and Technology on 29.10.2021.
- Dr. R. Kalaivani Professor, attended AICTE Sponsored STTP titled “Hybrid and Electric Vehicle Development Integration and Challenges” at Erode Sengunthar Engineering College, on 20.09.2021 to 25.09.2021.
- Dr.R.Kalaivani attended a training session titled “renewable Energy System Master Class” at Pantech e-Learning Pvt Ltd., Chennai from 17.10.21 to 16.11.2021.
- Dr.S.Vimalnath, AP/ECE attended a FDP titled “Sensor Technology” at K S R College of Technology on 04.10.2021 to 08.10.2021.
- Mr.V.Thamizharasan, AP/ECE attended a FDP titled “Devices and Circuits for Next generation Computing Architecture” at Govind Ballab Pant Institute of Technology and Engineering on 25.10.2021 to 29.10.2021.
- Mr.P.Logamurthy, AP/ECE attended a FDP titled “Machine Learning Algorithms for 5G Mobile Networks” at IIIT, Kanchipuram on 04.10.2021 to 08.10.2021.
- Mr.P.Logamurthy, AP/ECE attended a FDP titled “Internet of Things using Arduino and Raspberry Pi” at Sakthi Polytechnic College on 25.10.2021 to 29.10.2021.
- Mr.M.Karthik Kumar, AP/ECE attended a FDP titled “Latest technological developments for system on chip (soc) applications” at GIET University on 26.07.2021 to 30.07.2021.
- Mr.V.Thamizharasan, AP/ECE attended a FDP titled “Custom IC Design in the CMOS Technology” at IIIT, Pune on 21.11.2021 to 25.11.2021.
- Mr.M.Karthik Kumar, AP/ECE attended a FDP titled “Custom IC Design in the CMOS Technology” at IIIT, Pune on 21.11.2021 to 25.11.2021.
- Dr.S.Vimalnath, Dr.K.Jayaram, Dr.V.Premchandran, Mr.M.Karthik Kumar and Mr.V.Thamizharan attended a workshop titled “Technical Session on Internet of Things (IoT)” at e-Yantra Lab Setup Initiative (eLSI) on 01.10.2021.
- Dr.S.Vimalnath attended international conference titled “An IOT Based Water Leakage detection system for Rural Areas” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.





- Dr.M.Dhipa attended international conference titled “An IOT Based Smart Water Monitoring system for Agriculture” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Mr.M.Karthik Kumar attended international conference titled “Energy Efficient Smart Agriculture System for Green House Cultivation” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Mr.V.Thamizharasan attended international conference titled “Automation in Agriculture Using AI Technique” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Mr.M.Karthik Kumar attended international conference titled “Energy Efficient Smart Agriculture System for Green House Cultivation” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Dr.V.Premchandran attended international conference titled “Smart Monitoring Alert System for Fire in dense for Rural Areas” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Mr.V.Thamizharasan attended international conference titled “Implementation on AI & IoT in Agriculture for Profit” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Mr.M.Karthik Kumar attended international conference titled “Water Leakage Detection in Urban using IoT” at Narashimma Reddy Engineering College, Hyderabad on 22.10.2021 & 23.10.2021.
- Dr. R. Kalaivani, P/ECE Presented a paper on “Audio Transmission over SDR using USRP and Labview” in the international conference on Recent Advancements in Science Engineering and Technology conducted by Nadar Saraswathi College of Engineering and Technology, on 04.12.2021.

### **Professional Society Membership Registered by Faculties and Students:**

- The faculties and the students are registered the life time membership in ISTE (Indian Society for Technical Education), IETE (Institution of Electronics and Telecommunication Engineers), InSc (Institute of Scholars) and IAENG (International Associations for Engineers) professional societies.

### **E-Contents/Lecture Videos developed by Faculties:**

- The faculty members were developed the e-contents for their subjects in Word Press websites (<https://wordpress.com/>).
- The faculty members were uploaded the lecture videos on their subjects in YouTube for the students' knowledge development.

### **Students Participation in Inter- Institute Paper Presentation/Conference:**

- R.Purnachandrigaa and M.Selvanayagi of IV ECE have attended international conference titled “An IOT Based Water Leakage detection system for Rural Areas” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.



- Pandiyan P, Arunkumar, Gokul Prasath and Naveen Kumar of IV ECE have attended International Conference titled “An IOT Based Smart Water Monitoring system for Agriculture” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- Janani, Amsaveni, Keerthika and Jamunarani of IV ECE attended international conference on “Energy Efficient Smart Agriculture System for Green House Cultivation” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- M Madhubala and M Gokula Priya of III ECE have attended International Conference titled “Automation in Agriculture Using AI Technique” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- G M Nithya Shri, Monisha S, Saranya T and Swetha K of IV ECE have attended International Conference titled “Smart Monitoring Alert System for Free fire In dense for Rural Areas” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- P Kirubha Sankar and L Gokul of III ECE have attended International Conference titled “Implementation on AI & IoT in Agriculture for Profit” at Malla Reddy College of Engineering, Hyderabad on 24.09.2021 & 25.09.2021.
- A.D.Nivetha, final ECE Presented a paper on “Audio Transmission over SDR using USRP and Labview” in the international conference on Recent Advancements in Science Engineering and Technology conducted by Nadar Saraswathi College of Engineering and Technology, on 04.12.2021.

### **Students Participation in Inter- Institute Workshop:**

- S. Vishnu Priya, III/ECE attended a workshop titled “Learn MATLAB with Image Processing” at SRM Institute of Science and Technology on 03.08.21.
- R Nandhakumar and K Naveen, III/ECE students attended workshop titled “SOC Boards” at SRM Institute of science and technology on 23.09.21.
- K. Karthick, IV/ECE attended workshop titled “Online city cam on essentials of scientific entrepreneurship” at AISSMS, Pune on 26.08.21 & 27.08.21.
- S.Hariharan, II/ECE attended workshop titled “4G architecture” at Skill LYNC on 08.10.21.
- Naveen K, III/ECE attended workshop on “React JS” at CMR Engineering college titled 05.07.21 to 10.07.21.



- N.S.Venkatesh Babu, III/ECE attended webinar titled “Science and Technology” at Great Learning on 24.11.21.
- Kathirvel R and M Rajaprabhu of III ECE have attended Quizz titled “Engineering workshop” at Bharat Institute of Engineering and Technology on 21.10.21.
- Tamizhan R, III ECE attended webinar titled “The new unconscious mind” at Mind dynamics center on 12.10.21.
- M Selvanayaki and N.Ramya of III ECE attended webinar titled “Hydraulics and pneumatics” at Arifa Institute of Technology on 10.10.21.

### **Students Participation in Internship/In-plant Training:**

- Bhavani.G & Saranya.T of IV ECE attended the internship training at Maventic Innovative Solutions Pvt Ltd, Bengaluru.
- Monisha S of IV ECE attended the internship training in attended the internship training at Softsuave technologies Chennai”.
- Bhuvaneshwari.A ,IV ECE attended the internship training at Mobiveil Technologies India Pvt Ltd, Chennai.
- Shubicsha Devi Saravanan , IV ECE attended the internship training at Netlink at Chennai.
- Divya.K , IV ECE attended the internship training at ZuciSystems, Chennai.
- Third year ECE students attended the internship training program at Maven Silicon VLSI Training Center, Bangalore.

### **Students Participation in Extracurricular Activities:**

- M. Keerthika of IV year won silver medal in 3000 mtrs in National Level Championship held at Amristar, Punjab.
- M. Keerthika of IV year won gold medal in 1500 mtrs in State Level Championship held at Erode Sengunthar Engineering College.
- M. Keerthika of IV year won gold medal in basket ball in State Level Championship held at Karur.
- III year student, R.Nandha Kumar has won third prize for the short film competition which held at R V S Technical Campus, Kumarankottam on 30.11.2021.



## Students participated in Technical Events:

- N.S.Venkatesh Babu, S.Akilan, N.Sriarthik and S.Prasath of III ECE participated in HACKATHON on “Automatic irrigation System in Agriculture” on 28.09.21.
- L.Gokul, P.Kirubha Shankar, J.Naganiranjana and A.Ashwini of III ECE participated in HACKATHON on “Artificial Intelligence in Agriculture” on 28.09.21.
- K.Ramya Gowri, G.Dhipa, M.Madhubala and M.Gokula Priya of III ECE participated in HACKATHON on “COVID Robot for Monitoring and Trading” on 28.09.21.
- V.Allwin Abhishaike, M.S.Kavin Prasad, A.Suresh Balaji and J.Vinoth of III ECE participated in HACKATHON titled “Innovative Technology for girls Safety by using IoT Devices” on 28.09.21.
- N.Krishnaveni, P.Peshithra, R.Absara and Shackshi Mishra of II ECE participated in HACKATHON titled “Waste Heat Generation” on 24.09.21.
- S.Balasubramaniam, S.hariharan and S.Dharanidharan of II ECE participated in CONNECTATHON titled “Low Cost Technology for a Centralized Control and Monitoring System for Street Lights in Rural Areas using IoT” on 13.11.21.
- A.Mouli, T.Kavin and S.Dharanidharan of II ECE participated in CONNECTATHON titled “Asphalt Concrete (Topmix Permeable)” on 13.11.21.
- S.Balasubramaniam, K.Shanmathi, Kushjeet Kumar and G.Rohith of II ECE Participated in E-Yantra Robotics Competition on 16.09.2021.

## Students Participation in Inter- Institute Workshop/Seminar/Webinar/Quiz:

| S. No                           | Name of the Student   | Year | Title  | Date                      | Venue   | Level         | Remarks       |
|---------------------------------|---|------|--|---------------------------|---|---------------|---------------|
| <b>International Conference</b> |   |      |  |                           |   |               |               |
| 1                               | P. Pandiyan<br>S. Gokul Prasath<br>P. Naveenkumar<br>S. Arunkumar | IV   | An IoT based Smart Weather Monitoring System for Agriculture | 24.09.21<br>&<br>25.09.21 | Malla Reddy College of Engineering, Hyderabad | International | Participation |
| 2                               | V. Janani<br>L. Amsaveni<br>Jamuna Rani<br>M. Keerthika           | IV   | An IoT based Smart Agriculture                               | 24.09.21<br>&<br>25.09.21 | Malla Reddy College of Engineering, Hyderabad | International | Participation |





|   |                                      |     |  |                           |   |               |               |
|---|--------------------------------------|-----|--|---------------------------|---|---------------|---------------|
| 3 | G. Deepa<br>K. Ramya Gowri           | III | Voice input controller based home automation system using AI | 24.09.21<br>&<br>25.09.21 | Malla Reddy College of Engineering, Hyderabad | International | Participation |
| 4 | M. Gokulapriya<br>M. Madhubala       | III | Automation in agriculture using AI technology                | 24.09.21<br>&<br>25.09.21 | Malla Reddy College of Engineering, Hyderabad | International | Participation |
| 5 | M. Selvanayaki<br>R. Purnachandrigaa | III | An IoT based water leakage detection system for rural areas  | 24.09.21<br>&<br>25.09.21 | Malla Reddy College of Engineering, Hyderabad | International | Participation |

#### Paper Presentation

|   |   |     |                                |                           |                                  |          |               |
|---|---|-----|--------------------------------|---------------------------|----------------------------------|----------|---------------|
| 1 | N.Allwin Abishek<br>J.Gokul   | III | Latest Trends in 5G Technology | 01.10.21                  | Jai Shriram Engineering Collage  | National | Participation |
| 2 | V. Janani<br>L. Amsaveni<br>Jamuna Rani<br>M. Keerthika   | IV  | Blue Eye Technology            | 22.10.21<br>&<br>23.10.21 | Narshima Reddy College           | National | Participation |
| 3 | Selvanayaki M<br>Purnachandrigaa R<br>Ashwini A<br>Pradeep M<br>Naveen K<br>Vishnu Priya S<br>Tamilan R<br>J.Naganiranjana<br>Nandha Kumar R<br>A.Surya<br>S.Dineshkumar<br>M Madhubala | III | Kalam 2021                     | 31.10.21                  | Kumaraguru College of Technology | National | Participation |

#### Workshop

|   |                 |     |  |                            |  |          |               |
|---|-----------------|-----|--|----------------------------|--|----------|---------------|
| 1 | Naveen K        | III | React JS   | 05.07.21<br>to<br>10.07.21 | CMR Engineering college and Brain O vision solutions India Pvt.ltd | National | Participation |
| 2 | S. Vishnu Priya | III | Learn MATLAB with Image Processing                           | 03.08.21                   | SRM Institute of Science and Technology                            | National | Participation |
| 3 | K. Karthick     | IV  | Online city cam on essentials of scientific entrepreneurship | 26.08.21<br>&<br>27.08.21  | AISSMS, Pune   | National | Participation |



|                |  |     |   |          |  |          |               |
|----------------|--|-----|---|----------|--|----------|---------------|
| 4              | Nandhakumar R<br>Naveen K  | III | SOC Boards  | 23.09.21 | SRM Institute of<br>science and<br>technology                              | National | Participation |
| 5              | S.Hariharan  | II  | 4G architecture   | 08.10.21 | Skill LYNC   | National | Participation |
| 6              | Selvanayaki M<br>Venkatesh Babu<br>N.S<br>Ramya N<br>K Ramya Gowri   | III | Dare to Dream –<br>Women in Tech                                  | 14.10.21 | Women<br>entrepreneurship<br>day organization<br>and Mizoram<br>university | National | Participation |
| <b>Webinar</b> |  |     |   |          |  |          |               |
| 1              | S.Dharanidhran   | III | Cybersecurity   | 10.06.21 | Ant Wak  | National | Participation |
| 2              | S. Vishnu Priya  | III | Master Python Arrays<br>in 60 minutes                             | 31.07.21 | -  | National | Participation |
| 3              | S. Vishnu Priya  | III | Top 10 project<br>management<br>certification you need<br>to know | 05.08.21 | -  | National | Participation |
| 4              | S. Vishnu Priya  | III | Why Engineering<br>Graduate fails in job<br>market                | 25.07.21 | Coimbatore<br>Institute of<br>Engineering and<br>Technology                | National | Participation |
| 5              | S. Vishnu Priya  | III | Innovation and<br>Invention in<br>utilization of solar<br>energy  | 07.08.21 | Coimbatore<br>Institute of<br>Engineering and<br>Technology                | National | Participation |
| 6              | S. Vishnu Priya  | III | Designing of solar<br>thermal system using<br>MATLAB              | 21.08.21 | Coimbatore<br>Institute of<br>Engineering and<br>Technology                | National | Participation |
| 7              | D.Vanitha<br>S.Jeevithaa<br>S.Namakeshwari<br>S.Ruba<br>M.Gokulapriya<br>S. Vishnu Priya<br>J.Naganiranjana<br>M.Selvanayaki | II  | Design thinking and<br>product innovation                         | 01.10.21 | Arifa Institute of<br>Technology   | National | Participation |



|    |  |     |   |          |                                  |          |               |
|----|--|-----|---|----------|----------------------------------|----------|---------------|
| 8  | K.Ramyaa gowri<br>Rajalakshmi<br>R Purnachandrigaa   | III | Imperial hegemony<br>and subaltern<br>resistance in Mizoram<br>and subaltern and<br>India's freedom<br>struggle | 02.10.21 | Mizoram<br>university, Aizawl    | National | Participation |
| 9  | B.Muthulakshmi<br>S.Rajalakshmi<br>S.Saranya<br>S.Saranraj<br>P.Kiruba Shankar<br>A.Aswini<br>S.Vishnu priya<br>J.Naganirajan<br>S.Prasath<br>T.Divya<br>M.Selvanyaki<br>R.Purnachandrigaa<br>M.Madhubala<br>S.Kavin prasath<br>S.Dharanidharan<br>M.Manikandan<br>V.Somprakash<br>K.Ramyaa gowri<br>S.Hari Krishnan | III | Design thinking and<br>product innovation   | 03.10.21 | Arifa Institute of<br>Technology | National | Participation |
| 10 | S.Gayathri<br>V.Dharani<br>C.Maha sri<br>P.Hema nandhini<br>S.Balasubramaniam<br>T.Kavin<br>N.Krishnaveni<br>P.Preshithra<br>Kavipriya Mohan<br>S.Hariharan<br>G.Velan<br>A.Mouli<br>V.Shachi mishra<br>S.V.Kiruthiga<br>K.Siddharthan   | II  | Design thinking and<br>product innovation   | 03.10.21 | Arifa Institute of<br>Technology | National | Participation |



|    |   |     |  |          |                                  |          |               |
|----|---|-----|--|----------|----------------------------------|----------|---------------|
|    | R.Shanmuganathan<br>R.Apsara<br>G.Durgadevi<br>R.Deepika  |     |  |          |                                  |          |               |
| 11 | S.Rajalakshmi<br>B.Muthulakshmi<br>M.Madhubala<br>T.Divya<br>N.Ramya<br>S.Kavin prasath   | III | VoIP PBX IP<br>telephony   | 10.10.21 | Arifa Institute of<br>Technology | National | Participation |
| 12 | S.Dharanidharan<br>S.Balasubramaniam<br>P.Preshithra<br>Kavipriya Mohan<br>A.Mouli<br>S.Hariharan   | II  | VoIP PBX IP<br>telephony   | 10.10.21 | Arifa Institute of<br>Technology | National | Participation |
| 13 | M.Selvanayaki<br>N.Ramya  | III | Hydraulics and<br>pneumatics   | 10.10.21 | Arifa Institute of<br>Technology | National | Participation |
| 14 | K.Ramyaa Gowri<br>J.Vinoth<br>A.Sureshbalaji<br>S.Rajalakshmi<br>M.Rajabrabhu<br>N.Saranraj<br>N.Sriarthik<br>R.Nanthakumar<br>K.Naveen<br>V.Nirmal kumar<br>S.Hari Krishnan<br>P.Kiruba Shankar<br>S.Vishnu priya<br>A.Ashwini<br>J.Naganiranjana<br>S.Prasath<br>M.Selvanayaki<br>R.Purnachandrigaa<br>T.Divya<br>N.S.Venkatesh<br>babu<br>G.Deepa<br>M.Madhubala<br>N.Ramya<br>V.Allwin abishaike<br>L.Gokul | III | Licensing and<br>commercialization of<br>patents and<br>technologies | 12.10.21 | Vel Tech                         | National | Participation |





|             |  |     |  |          |                                       |          |               |
|-------------|--|-----|--|----------|---------------------------------------|----------|---------------|
|             | M.Lokesh<br>S.Boopathi<br>S.Kiriraj<br>R.Tamizhan<br>M.Pradeep   |     |  |          |                                       |          |               |
| 15          | Tamizhan R   | III | The new unconscious mind                           | 12.10.21 | Mind dynamics center                  | National | Participation |
| 16          | M.Gokulapriya<br>S. Vishnu Priya<br>J.Naganiranjana<br>M. Selvanayaki<br>R Purnachandrigaa<br>N.Sri Karthik<br>S.Prasath<br>N.S.Venkatesh<br>Babu  | III | Cyber security India 2021                          |          | Cyber Ninja Academy                   | National | Participation |
| 17          | J.Naganiranjana<br>K.Ramya Gowri<br>N.Sri Karthik<br>S.Prasath<br>N.S.Venkatesh<br>Babu<br>V.Nirmal Kumar<br>R.Tamizhan  | III | Massive MIMO Antenna for 5G Wireless Communication | 30.10.21 | Kongu Engineering College             | National | Participation |
| <b>Quiz</b> |  |     |  |          |                                       |          |               |
| 1           | M.Gokulapriya<br>N.Ramya<br>M.Madhubala<br>N.S.Venkatesh babu<br>T.Divya<br>R.Purnachandrigaa<br>M.Selvanayaki<br>S.Prasath<br>M.Lokesh<br>J.Naganiranjana<br>A.Ashwini<br>S.Vishnu priya<br>P.Kiruba sahanakar<br>V.Nirmal kumar<br>M.Rajabrabhu<br>K.Naveen<br>R.Nandhakumar<br>N.Sriarthik<br>N.Saranraj<br>S.Rajalakshmi | III | Energy management and auditing                     | 11.10.21 | K.Ramakrishnan College of Engineering | National | Participation |



|   |  |     |  |          |  |          |               |
|---|--|-----|--|----------|--|----------|---------------|
|   | V.Jayabal<br>M.Rajabrabhu<br>A.Surehbalaji<br>L.Gokul<br>R.Tamizhan<br>S.Boopathi<br>K Ramya Gowri   |     |  |          |  |          |               |
| 2 | N.Ramya<br>M.Madhubala<br>T.Divya<br>M.Selvanayaki<br>S.Prasath<br>M.Lokesh<br>J.Naganiranjana<br>A.Ashwini<br>S.Vishnu priya<br>P.Kiruba Shankar<br>V.Nirmal kumar<br>K.Naveen<br>R.Nandhakumar<br>N.Sriarthik<br>N.Saranraj<br>S.Rajalakshmi<br>Jayabal V<br>Purnachandrigaa R | III | Power system                                 | 15.10.21 | K.Ramakrishnan<br>College of<br>Engineering                    | National | Participation |
| 3 | Saranraj N   | III | Quiz series on electric<br>vehicles -XXII    | 18.09.21 | KPR Institute of<br>Engineering and<br>Technology              | National | Participation |
| 4 | Kathirvel R<br>Rajabrabu M   | III | Engineering<br>workshop                      | 21.10.21 | Bharat Institute of<br>Engineering and<br>Technology           | National | Participation |
| 5 | S.Dharanidhran<br>Krishnaveni<br>Peshithra<br>M.Kavipriya  | II  | Cyber patriot                                |          | ISEA   | National | Participation |
| 6 | Kiruba Shankar P<br>Gokula Priya M<br>Ramya N<br>Gokul L<br>Purnachandrigaa R<br>Selvanayaki M<br>Naganiranjana J<br>Madhubala M<br>Rajalakshmi S<br>K Ramya Gowri<br>M.Lokesh<br>R.Tamizhan   | III | Pseudocode<br>Competition of<br>AARAMBH 2K21 | 31.10.21 | Annasaheb Dange<br>College of<br>Engineering and<br>Technology | National | Participation |



|                               |   |     |  |          |   |          |               |
|-------------------------------|---|-----|--|----------|---|----------|---------------|
| 7                             | N.S.Venkatesh Babu  | III | Science and Technology                                     | 24.11.21 | Great Learning                            | National | Participation |
| <b>Other Technical Events</b> |   |     |  |          |   |          |               |
| 1                             | M.Pradeep Kiriraj<br>R.Tamizhan<br>Naveen K<br>S.Hari Krishnan              | III | My vision of India 2030 (E-poster competition)             | 08.09.21 | Azadi Ka Amrit Mahotsav                   | National | Participation |
| 2                             | S.Venkadesh Saranraj N  | III | Build your first python project - personal chat assistance | 23.09.21 | Tech Learn                                | National | Participation |
| 3                             | S.Hari Krishnan   | III | Python and Machine Learning Fundamentals                   | 28.09.21 | Perfect plan B e-learning private limited | National | Participation |
| 4                             | S.Venkadesh   | III | How to self driving car works                              | 30.09.21 | Tech Learn                                | National | Participation |
| 5                             | K.Haranieswari  | II  | Android studio tutorial                                    | 30.09.21 | Great learning                            | National | Participation |
| 6                             | J.Naganirnjana  | III | JAVA   | 02.10.21 | AP Training                               | National | Participation |
| 7                             | K.Haranieswari<br>Apsara R  | II  | Python and machine learning fundamentals                   | 03.10.21 | Perfect plan B e-learning private limited | National | Participation |
| 8                             | S.Balasubramaniam<br>T.kavin<br>N.Krishnaveni<br>P.Peshithra<br>S.Hariharan | II  | IoT  | 05.10.21 | e-Yantra                                  | National | Participation |
| 9                             | Apsara R  | II  | Cloud computing service models                             | 12.10.21 | Great learning academy                    | National | Participation |
| 10                            | Shachi Mishra V   | II  | Cloud Foundation   | 13.10.21 | Great Learning academy                    | National | Participation |
| 11                            | Rajalakshmi   | III | Python and machine learning fundamentals                   | 15.10.21 | Perfect plan B e-learning pvt.ltd         | National | Participation |
| 12                            | J.Naganirnjana  | III | Web Design   | 23.10.21 | AP Training                               | National | Participation |
| 13                            | Nirmal Kumar V  | III | Cloud Foundations  | 04.11.21 | Great learning academy                    | National | Participation |

## Students Placed in Companies AY 2021-22:

| S.No. | Name of the student | Name of the company placement attended            | Status of placement (Placed / Not placed) | Salary Package |
|-------|---------------------|---|---|----------------|
| 1.    | Bhavani.G           | Maventic Innovative Solutions Pvt LTD, Bengaluru. | Placed                                    | 3.5 to 5 LPA   |
| 2.    | Saranya.T           |   | Placed                                    |                |

|     |                             |   |        |                 |
|-----|-----------------------------|---|--------|-----------------|
| 3.  | Monisha.S                   | Softsuave technologies<br>Chennai               | Placed | 3 LPA           |
| 4.  | Jamunarani G.K.             | Calibrant Technologies,<br>Chennai.             | Placed | 3.5 to 4 LPA    |
| 5.  | Keerthika.M                 | eNoahi Solution, Chennai                        | Placed | 4 LPA           |
| 6.  | Sridhar S                   | eNoahi Solution, Chennai                        | Placed |                 |
| 7.  | A. Bhuvaneshwari            | Mobiveil Technologies India<br>Pvt Ltd, Chennai | Placed | 3.6 LPA         |
| 8.  | K.Dhivya.                   | ZuciSystems,Chennai                             | Placed | 3 LPA           |
| 9.  | G.M.Nithya Sri              | Infosys Limited,Bengaluru                       | Placed | 3.6 LPA         |
| 10. | Nivetha A.D                 | One bill Software,Chennai                       | Placed | 4 LPA           |
| 11. | Arthi M S                   | Avasoft   | Placed | 3 LPA           |
| 12. | Bhuvaneshwari S             | Avasoft   | Placed |                 |
| 13. | Karuppasamy S               | Tessolve semiconductor                          | Placed | 2 LPA           |
| 14. | Rajeshkannan K              | TCS   | Placed | 3.36 LPA        |
| 15. | Shubicsha Devi<br>Saravanan | Netlink, Chennai                                | Placed | 3 LPA           |
| 16. | Hemalatha N                 | TCS   | Placed | 3.36<br>LPA     |
| 17. | Nithya Sri.G.M              | TCS   | Placed |                 |
| 18. | Jayaprakash                 | Ultramain                                       | Placed | 3 LPA           |
| 19. | Vincent Raj                 | Ultramain                                       | Placed |                 |
| 20. | Thangamani                  | Ultramain                                       | Placed |                 |
| 21. | Swetha                      | TCS   | Placed | 3.36<br>LPA     |
| 22. | B.Divya                     | Secure Cloud                                    | Placed | 3.6 to<br>5 LPA |
| 23. | Kaviya Priya                | Secure Cloud                                    | Placed |                 |
| 24. | C.Priyanka                  | Secure Cloud                                    | Placed |                 |
| 25. | A.D.Nivetha                 | IBM   | Placed | 4 LPA           |
| 26. | Santhosh                    | Wipro   | Placed |                 |



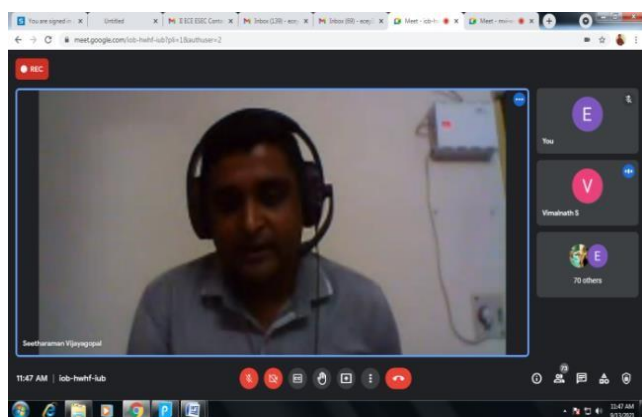


|     |                       |                 |        |             |
|-----|-----------------------|-----------------|--------|-------------|
| 27. | P.T.Sruthi            | Wipro           | Placed | 3.5<br>LPA  |
| 28. | M Srikarthik<br>Kumar | Aspire Systems  | Placed | 3.6<br>LPA  |
| 29. | Suthiswetha g v       | Webbarax        | Placed | 2.1<br>LPA  |
| 30. | Suresh krishna v      | Webbarax        | Placed | 2.1<br>LPA  |
| 31. | Shreemathi.p.p        | Webbarax        | Placed | 2.1<br>LPA  |
| 32. | Ranjani. A            | Webbarax        | Placed | 2.1<br>LPA  |
| 33. | Karthick.k            | Webbarax        | Placed | 2.1<br>LPA  |
| 34. | Indhumathi p          | Webbarax        | Placed | 2.1<br>LPA  |
| 35. | Arunkumar.s           | Webbarax        | Placed | 2.1<br>LPA  |
| 36. | Gokul prasath s       | Webbarax        | Placed | 2.1<br>LPA  |
| 37. | Prabhakaran           | Job World       | Placed | 2.75<br>LPA |
| 38. | Shanmathi             | Job World       | Placed | 2.75<br>LPA |
| 39. | Suthi Swetha          | Aalam Software  | Placed | 3.7<br>LPA  |
| 40. | Harishwaran           | NCR Corporation | Placed | 2.5<br>LPA  |
| 41. | Dinesh                | NCR Corporation | Placed | 2.5<br>LPA  |
| 42. | Mohankumar            | NCR Corporation | Placed | 2.5<br>LPA  |
| 43. | Prakash               | NCR Corporation | Placed | 2.5<br>LPA  |
| 44. | Gopalakrishnan        | NCR Corporation | Placed | 2.5<br>LPA  |



|     |               |                 |        |             |
|-----|---------------|-----------------|--------|-------------|
| 45. | Varunkumar    | NCR Corporation | Placed | 2.5 LPA     |
| 46. | Deepak        | NCR Corporation | Placed | 2.5 LPA     |
| 47. | Lingeshwaran  | NCR Corporation | Placed | 2.5 LPA     |
| 48. | Ashwithraj    | NCR Corporation | Placed | 2.5 LPA     |
| 49. | M.Kavin (27)  | NCR Corporation | Placed | 2.5 LPA     |
| 50. | Naveenkumar P | NCR Corporation | Placed | 2.5 LPA     |
| 51. | Sreemathi.P.P | AM Trends       | Placed | 4 – 4.5 LPA |
| 52. | Sathish       | Wipro           | Placed | 3.5 LPA     |

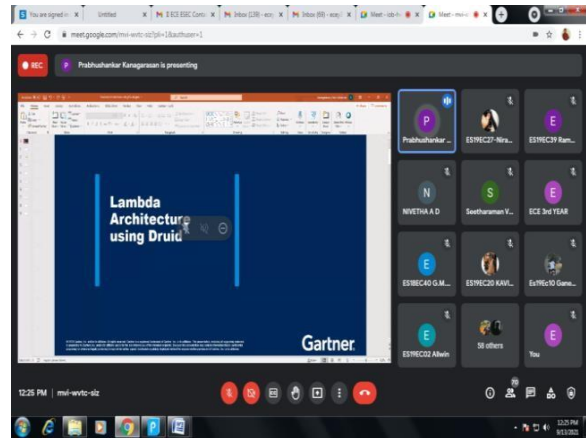
## GLIMPSE OF THE EVENT:



**Mr.Seetharaman Vijayagopal, Managing Director, Uvid Tech Solution, Chennai (2007 Passed out alumnus) inaugurated “Whizzcom”- ECE Students Association activity on 13.09.2021.**

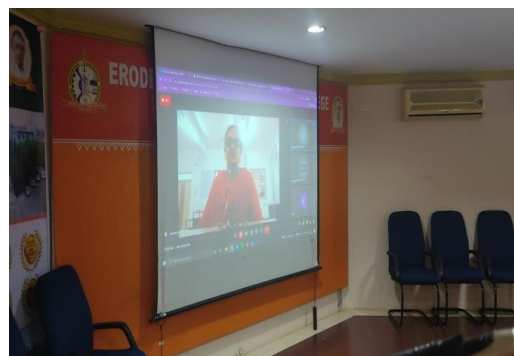


**Mr.K.Prabhu Shankar, Lead-Software Engineer, Gartner, Chennai (2007 Passed out alumnus) delivered a Guest Lecture on “Distributed Computing System” on 13.09.2021.**



**Celebrated Engineer’s Day on 15-09-2021 organized by Department of Electronics and Communication Engineering.**

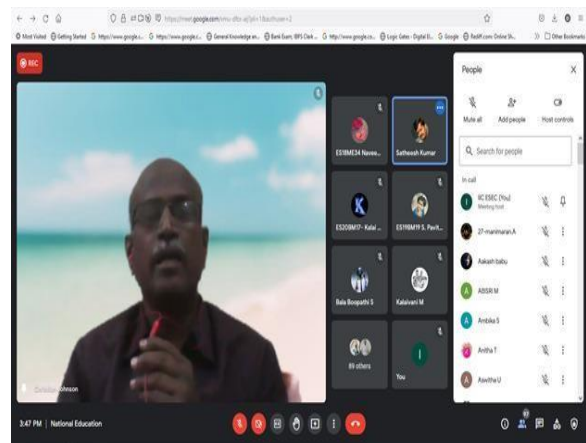
**The Workshop on “Machine Learning – Hands on Training” was held on 12.10.2021 at 11.30 am. And Dr.M.Jayasanthi (2005 Passed out alumnus), Associate Professor, Department of ECE, PSG Institute of Technology and Applied Research, Coimbatore is the resource person of the event.**





**The Guest Lecture on “Preparation for better Campus Placement” was held on 30.10.2021 at 9.30 a.m. at Main Block Seminar Hall. Ms.M.Geetha Seetha Lakshmi (2010 Passed out alumna), Lead- Software Engineer, Net cracker Technology India Ltd. Bangalore is the resource person of the event.**

**We celebrated National Education Day on 11.11.2021 and Dr. Christian Johnson, IQAC Convener, Erode Sengunthar Engineering College, Perundurai, Erode, Tamil Nadu, India gave a lecture on “National Education Policy with a Focus on Innovation and Entrepreneurship”.**



**The Mini Project Expo was conducted for II ECE on 29.11.2021 at 11.30 a.m. at ECE Department Seminar Hall by Dr.V.Premchandran, AP/ECE.**





**The Mini Project Expo was conducted on 03.12.2021 at 2.30 p.m. at Microprocessor Laboratory by Mr.V.Thamizharasan, AP/ECE. III Year students were participated with their projects on this event (13 Projects).**



**Mr.R.Praveenkumar (2019 passed out alumnus student), Network Engineer, Bharati Airtel Pvt Ltd. has shared his work experience and gave a motivational speech for the III year students on 29.11.2021.**

**Mr.P.P.Suraj, Network Analyser, Vodafone Idea Limited (formerly Idea Cellular Limited), Gurgaon.(2018 passed out alumnus student), Network Engineer, Bharti Airtel Pvt Ltd. has shared his work experience and gave a motivational speech for the IV year students on 03.12.2021.**





#### EDITORIAL BOARD:

##### Faculty In-Charges

Dr.R.Kalaivani HoD/ECE

Dr.S.Vimalnath AP/ECE

##### Students In-Charges

Mr. C.Janarthanan

Ms. K.Ramya Gowri