



# RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

**Department of Electronics and Communication Engineering**

## MoU Activities (2023-2024)

**Medsby Health Care & Solutions, Coimbatore:**

### **“Trends in 5G Networks –Applications in Biomedical Engineering”**

The Department of ECE, Ramco Institute of Technology, Rajapalayam organized AICTE Training and Learning (ATAL) Academy sponsored Six Day - Faculty Development Programme on “Trends in 5G Networks –Applications in Biomedical Engineering” from 18.12.2023 to 23.12.2023. Mr.G.Guruprasandh, Medsby Healthcare and Engineering Solutions delivered the lecture on the topic “Introduction to IoT and biotelemetry”.



### **“3D Printing and its Industrial Applications”**

Ramco Institute of Technology (RIT), in association with Medsby Healthcare and Engineering Solutions, Coimbatore, organized a Three-day Short Term Training Programme on **“3D Printing and its Industrial Applications”** during **01 – 03 Apr., 2024**. **Mr. G. Guru Prasandh, CEO & Founder, Mrs. S. Sree Sanjanaa Bose, Senior Project Engineer and Trainer and Ms.V.R.Shamyuktha, Project Engineer of Medsby Healthcare Engineering Solutions, Coimbatore** provided hands-on training on 3D printing technology to 56 students from Civil, CSE, EEE, ECE and Mechanical Engineering departments.



### **Ramco System, Chennai**

- Four students (Shree Harish R, Shree Ganga S, Sakthivinayagam C, Kirubasree M) are got placed in Ramco System, Chennai.
- The Department of ECE Alumni has organised the Orientation programme on 17.07.2024. Ms. Logasri Agitha, Ramco System, Chennai was the resource person.

### **M.S. Chellamuthu Trust, Madurai.**

- Department of ECE in association with IETE Student's Chapter organized a seminar on "**Balancing Academic Expectation with Mental and Emotional well-being**" conducted on 06.04.2024. Third year and Final year students were participated. The resource person for the workshop was Mr. Janardhan Babu, Director Programmes, Chellamuthu Trust and Research Foundation, Madurai.



### **Ramco Group of Textile Division, Rajapalayam:**

- Eight students of third year ECE (Batch 2021-2025) completed **internship** in Ramco Mills Limited, Rajapalayam.

### **Tessolve Semiconductor Pvt Ltd, Bangalore**

- Two Students (Mr.Sudharsanakumar, Mr.S.Vijayan) of final year ECE (2017-2021 Batch) got placed in Tessolve Semiconductor Pvt.LtdThe Department of ECE Alumni and Placement Cell has organised the Orientation programme. Mr.A.Sriram, Mr.A.Sathis Kannan, Silicon Validation Engineer are the resource persons., Bangalore.
- Mr.P.Siva Chithambaram , Senior Silicon Validation Engineer one of Department Advisory Committee Member for DAC –VI.

### **Ramco Cements Ltd., Chennai.**

- Two students (Kizhore Kumar S , Sri M) got placed in Ramco Cements Ltd., in Placement drive (2023-2024).
- Six students (Subhash S, Veeramanimaran P, Vijayalaxmanasen A, Naveen Kumar S,Saravanakumar S, Vijayarammsen A) of Final year ECE) done their Project in Ramco Cements, Virudhunagar.

### **Enthu Technology Solutions India Pvt Ltd, Coimbatore.**

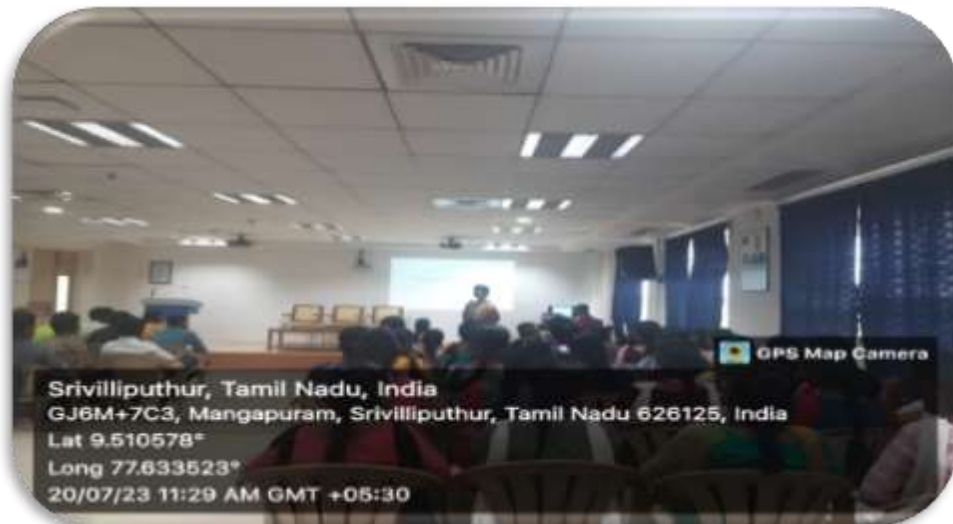
- Mr.K.Moorthy, Director-Business Development, Enthu Technology Solutions India Pvt. Ltd., Coimbatore as one of Department Advisory Committee Member for DAC –VI.



## **Industry Institute Interactions:**

### Guest lecture on “**Artificial Intelligence & Machine Learning**”

The Department of ECE in association with **RIT Electronica** organized a valedictory function and guest lecture on “**Artificial Intelligence & Machine Learning**” on **20.07.2023** from 11.00 AM to 12.30 PM. Totally 110 students from first year ECE participated in this lecture. The resource person for this workshop was Dr.S.Thayammal, AI-ML developer, Infoware House, Gujarat. During the lecture students were taught about the applications and job opportunities on Artificial Intelligence & Machine Learning. The workshop was organized by Mr.P.Venkatesh, AP/ECE. The students actively participated in the guest lecture by asking various doubts. Student coordinators Ms.I.Lakshmi Priya, I Mr.H.Aathir hasan of I year ECE A, and Ms.R.Sowmya and Mr.S.Nishan of I year ECE B.



### Guest Lecture on “**ADAS & Connected Cars**”

**RIT Electronica & IETE Students Chapter** of ECE Department organized Association Inauguration & Guest Lecture on “**ADAS & Connected Cars**” on 26.09.2023 for II & IV year ECE students.

Dr.R.Vimalathithan, Director, Krish Tech, Coimbatore inaugurated ECE Department RIT Electronica Association Inaugural function and is the resource person for the guest lecture. The guest lecture describes about the latest techniques related to IOT and connected cars.

The guest lecture event was organized by the student coordinators Ms.G. Anusuya, IV Year ECE A, Ms.M.L.Sivapriya, IV Year ECE B, Ms.M.Eniya, III

Year ECE A, Ms. B.Rithika, III Year ECE B, Mr.A.Srihari, II Year ECE B, Ms.S.Puvansri, II Year ECE B and faculty coordinators Mrs.R.Ramalakshmi, AP(SG), Mrs.V.SrirengaNachiyar AP(SG) & Mrs.G.Subhashini, AP.



### Workshop on “**Measurement of RF and Microwave Circuits**”

Department of Electronics and Communication Engineering in association with IE (I) student chapter jointly organized Workshop on “**Measurement of RF and Microwave Circuits**” on 22.08.2023 at DSP Laboratory for III & IV year ECE students and Faculty members. 23 students from III year ECE & IV year ECE students & 3 Faculty members were actively participated in this workshop. Resource Person: **Dr.Raghuraman Selvaraju, RF Application Engineer, Elmack Engineering Services (P) Ltd., Chennai.**



## **Workshop on “IoT Security”**

The Department of Electronics and Communication Engineering, in association with IE(I) **organised Workshop on “IoT Security”** on 28<sup>th</sup> October 2023 for III year student in ECE seminar Hall. The program duration is 10:00 AM to 1:00 PM. Around 120 III year ECE A and B section students participated in this event. The main aim of this event is to create awareness about the IoT security since the October month is announced as International Cyber security awareness month. Mr.Harish R, Senior Security Researcher, Information Technology Trainer TIFAC-CORE in Cyber Security, Coimbatore acted as the resource person of this event. The students learnt various cyber threats and how to overcome it. They got clear idea about IoT security in all four (Sensor, Gateway, Cloud/storage, Application) levels. The event was organised by Dr.C.Arunachala Perumal, Professor And Head/ ECE and coordinated by Dr.A.Lakshmi, ASCP/ECE & Mr.P.Venkatesh, AP/ECE. The Student Coordinator is Ms. B.Divyasri and Ms. S.Aarthi of final year A section.



## **Department Advisory Committee Meeting-VI:**

The sixth Department Advisory Committee Meeting was held on 09.10.2023. During the meeting, the industry representative offered several valuable suggestions to strengthen the department’s academic and skill-development initiatives. They emphasized the need to update the curriculum in line with current industry trends, encourage students to gain hands-on experience through internships and industry-oriented projects, and enhance technical training programs to improve employability. The committee noted these suggestions and agreed to incorporate them into the department’s future planning and development activities.

**Resource Persons:**

Mr.Prajesh Kalathil,  
Vice-President,  
Bharti Airtel Ltd, Chennai.

Mr.K.Moorthi,  
Director Business Development,  
Enthu Technology Solution India Pvt Ltd.,Coimbatore.

Mr.G.Harri Ram  
Senior Verification Engineer,  
Mobiveil Technologies Pvt, Ltd.,  
Chennai.

