

## INDUSTRY-INSTITUTE INTERACTION DETAILS



Acted as a Mentor for the IV BE ECE Students project team under Samsung Prism Project titled” Bandwidth Estimation Algorithm in Multi-device Experience use cases” during the year 2024-2025.

Organises COLIGO AI Design Challenge 2025 in collaboration with BE.services GmbH, Kempten, Bavaria, Germany for B.E. (ECE, EEE, IT, CSE, Civil, Mechanical) and B.Tech (IT) (AI&DS) & MSc students. This prestigious international competition provides our students with an opportunity to develop AI-driven engineering solutions in the fields of Factory Automation, Process Automation, Energy, Smart Cities, and Transportation & Logistics.

Online Phase 0 - Pre-Contest Training & Workshops was held on 26/03/2024 at 3.00pm



As part of the course 23EC413 - Analog Electronics for III Semester B.E. ECE students in the academic year 2024-2025, we have organized an industry interaction session with Dr. K. Swaminathan, Co-founder of Silicic Innova Technologies, on 'Essential Skills for Stepping into the Semiconductor Industry' on 22.10.2024.



As a part of elective course, 19ECE37/Sensors and Transducers for VII Semester B.E. ECE students in this academic year 2024-2025 we have organized an industry interaction session by an Industry expert on ELECTRONIC SENSORS to IV year ECE students (Section I & II in association with ECE association, IETE Students Forum, IE(I) student chapter and IIC on 28.10.2024 (AN). Session was delivered by **an industry expert**, Mr. PK Vashist, Chairman & managing Director, Instrumentation Ltd., Palakkad, Kerala and **coordinators are** Ms.M.Ramya and Ms.M.Abitha Thangam, Assistant Professors, Department of ECE, CIT.



As a part of course, 19EC52/Digital Signal Processing for V Semester B.E. ECE students and 19EC71/Digital Image Processing for VII Semester B.E. ECE students in the academic year 2024-2025, we have organized an industry interaction session on “AI AND MACHINE LEARNING IN HEALTHCARE FOUNDATIONS AND FUTURE TRENDS FOR ENGINEERING INNOVATORS” in association with ECE association, IETE Students Forum, IE(I) student chapter and IIC on 14.11.2024. The session was delivered by Ms. Roopa Foulger, an esteemed alumna of CIT, graduating in 1996. She currently serves as the Vice President of Digital Innovation Development (DID) at OSF HealthCare, a nonprofit Catholic healthcare system based in Illinois, USA.



**Date:** 07th February 2025

**Time:** 10:00 AM – 12:00 PM

**Venue:** LBCH

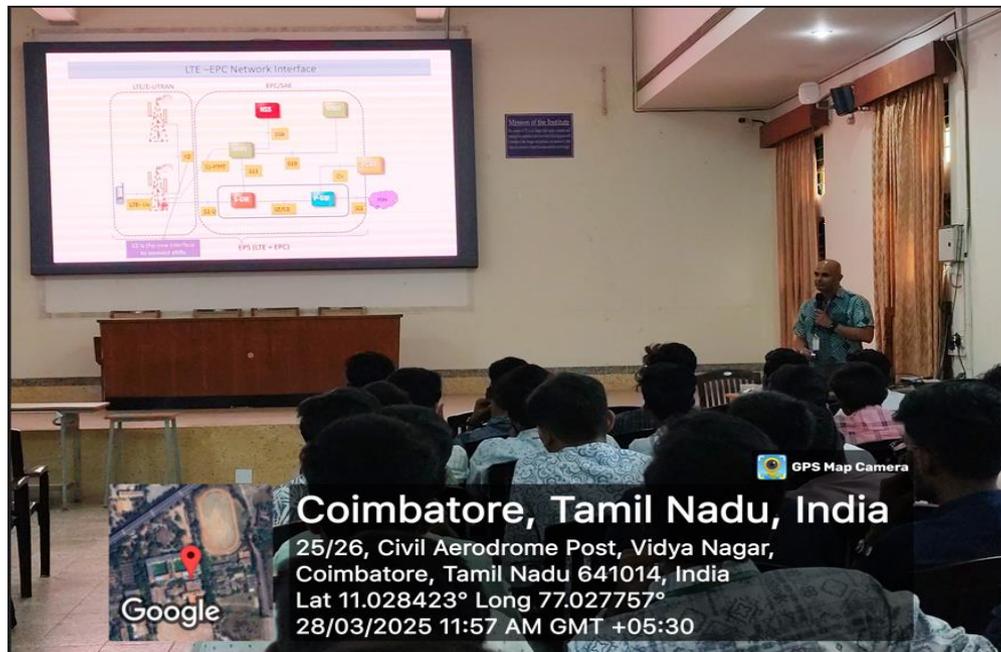
**Organized by:** Department of Electronics and Communication Engineering

**Speaker:** Dr. Srikanth, CKO, Nano Cell Technologies, Bangalore

**Topic:** IEEE 802.11 Wi-Fi

The Department of Electronics and Communication Engineering conducted a guest lecture on “IEEE 802.11 Wi-Fi” as part of the 19EC63 - *Data Communication Networks* course for third-year B.E. ECE students. A total of 130 students attended the session.

Dr. Srikanth, CKO of Nano Cell Technologies, delivered an insightful session covering the fundamentals and advancements in IEEE 802.11 Wi-Fi technology. He elaborated on the evolution of Wi-Fi standards, the role of IEEE in defining wireless communication protocols, and the impact of modern Wi-Fi technologies in various applications. The session was interactive, with students engaging in discussions on real-world Wi-Fi challenges, security concerns, and future trends in wireless networking. Dr. Srikanth also shared industry perspectives and case studies, providing valuable knowledge beyond the academic syllabus.



**Date:** 28th March 2025

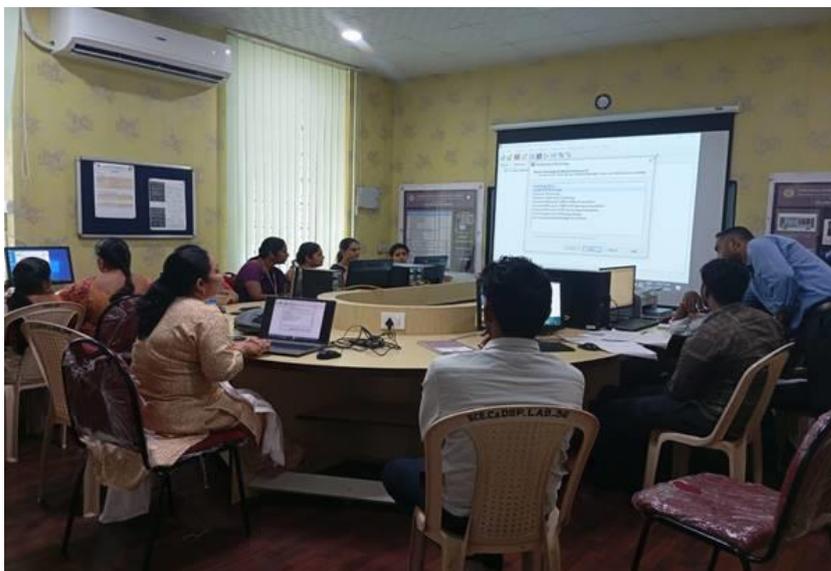
**Time:** 12:00 PM – 1:00 PM

**Venue:** MBCH

**Organized by:** Department of Electronics and Communication Engineering

**Speaker:** Dr. Srikanth, CKO, Nano Cell Technologies, Bangalore

**Topic:** “TCP and Network supporting protocols”



Ms.RenukaWekhande-Andankar, Sr. Application

Engineer—Pathwave Design Software, **Keysight Technologies, Bangalore**

Date: 18.07.2024 and 19.07.2024

Venue: 5G Innovation Centre

Timing: 10:00 am to 12:30 pm

**Title: ADS, System Vue, Golden Gate, ICCAP and Genesys, EMpro, PathWave Vector Signal Analysis (VSA), VNA Simulator.**

Hands- on experience on the different software which are used to design antenna and measure their radiation through graphs and smith chart.



Industrial Interaction for 5G Innovation Center Test Bed Setup solutions with Vivek Ladge, Manager at Rohde & Schwarz | Technical Sales | Business. The following were discussed.

- Test and Measurement Solutions
- Network Deployment and Scaling
- Technical Collaboration for Test Bed Setup



**The national level Hackathon, Nexus 24 was held on March 23rd , 2024, jointly with Career Guidance and Counseling Cell of CIT.**

Coordinators:

Dr.M.Poongothai

Dr.T.Balakumaran

Dr.B.Bhuvaneshwari

Ms.C.SubhaPriyadharshini

•Sponsors: Received Rs.1,80,000 from various industries and organizations

- Dr. R.S Pugalendhi ,Anora, Chennai, Indian Bank - Platinum Sponsor
- BytsPvtLtd : Gold Sponsor
- Time, Emgiltz, and Sixphrase: Silver Sponsors
- Slicon Systems, Emsol Systems, and SI-UK, Coimbatore: Bronze sponsors



We Invited the following esteemed panel of judges from various industries to evaluate the innovative projects that our participants have developed. The panel includes

- Dr.Pugalendhi R S,ManagingDirector,Anora Group of Companies-India
- Mr. Krishna Balagurunathan, Chief Mentor, Hexaware Technologies, Chennai
- Mr. P. Annadurai, Vice President (HR), C.R.I Pumps Pvt. Ltd, Coimbatore
- Mr.BharathiAthinarayanan, National MAARG Mentor / AI Technologies, Bangalore
- Dr.ShriramVasudevan, Lead-Technical Evangelist, Intel India Pvt. Ltd, Bangalore
- Mrs.SunandhiniMuralidharan, Freelance Software Consultant Intel Certified Instructor,Bangalore
- Mr.Karthick, Associate Project Manager, Robert Bosch, Coimbatore
- Mrs.AnjuVenkatachalapathy, Tech expert, Bosch Global Software Technologies, Coimbatore
- Mr.M. Rajasundar, Private IT Consultant & Product delivery, Coimbatore
- Mr.Aldrin'D'Cruz, Marketing Executive, Anora, Chennai
- Mr.ThirumoorthyDhayanidhi, Operations Manager, Anora, Chennai



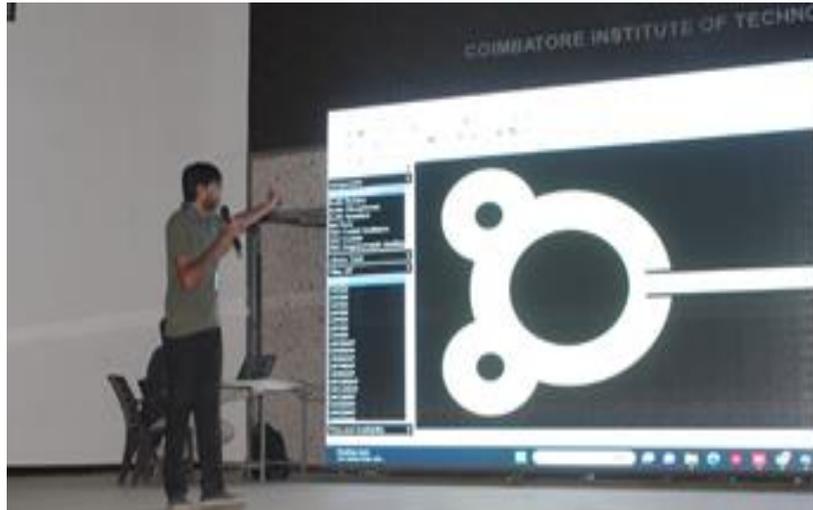


Had Interaction in Centre of Excellence's IoT Centre and the 5G Innovation Centre, Department of ECE, CIT on 27/07/2024 at 2:00 PM with Mr. Namath A, Oracle, Chennai, Mr.SrinathVenkatesan, BSNL, Chennai, Mr.Sathish. E.V, Director, Edge Verve Systems, Bangalore, Babu K, Radisys, Bangalore, Mr.L.Saravanan, Mr.Saravanakumar, Mr.S. Pradeep, Mr.VinaySasi, Mr.JothiPrakash, Mr.Karthik Chidambaram, Mr.ArunMahalingam with our esteemed alumni batch of 1995-1999.



5G Innovation Center, Department of Electronics and Communication Engineering conducted All India Seminar on “Design of advanced 5G antenna and prototype technologies”. In the technical paper presentation Session a total of seven teams participated. The participants presented their project and research works related to 5G and Antenna. They are judged by the following panel of technical committee members.

- Dr KoushikGuha Associate Professor & Head, Department of ECE National Institute of Technology, Silchar, Assam
- Mr G Dhanush HF Application Engineer Entuple Technologies Private Limited Bangalore
- Mr G Dhanush HF Application Engineer Entuple, Technologies Private Limited Bangalore
- Dr Milind Thomas Themalil Assistant Professor, Department of ECE, Indian Institute of Information Technology Kottayam, Kerala



Dr K Duraisamy Technical Lead Entuple Technology Solutions India Private Limited Coimbatore, presented “Antenna Fabrication and Prototyping”. He presented the systematic approach for producing



5G Innovation Center, Department of Electronics and Communication Engineering conducted summer Internship on “Design and fabrication of Next generation Antenna” during 15.07.2024 – 26.07.2024. A total of eight students attended this internship program. Ms. Renuka, Sr. Solutions Engineer at Keysight EDA Software Business, India, conducted a hands-on session on the following software during July 18, 2024, and July 19, 2024.