

List of MOUs in the Department:

S.No	Name of the Company
1	Rajan Robotics, Trichy
2	Aeroknotz Drones India Pvt Ltd, Chennai
3	LiftIndia, Trichy
4	Cranes Varsity Private Limited, Bengaluru, Karnataka
5	Enthu Technology Solutions India PVT Ltd, Coimbatore 641014
6	Hi-Tech Electronics, Thiruchirappalli
7	DADB India Private Limited, Mumbai, Maharashtra

Table 2.8.1 List of MOU

Industry Expert involvement in Board of Studies and their Remarks in Curriculum Enrichment

Academic Year: 2024-2025

S.No	Name of the Expert	Industry Name	Comments in Curriculum Enrichment
1	Dr.K.Subramanian	Enthu Technology Solutions India PVT Ltd	<ul style="list-style-type: none">Insisted to include the various types advanced Microprocessors & Microcontrollers in the “Processor and Controller” & “Embedded System”.Industry-Relevant Projects and Internships needed in the curriculum

Table 2.8.2 Industry Expert involvement

A. Industry Involvement in Partial Delivery of Regular Courses

- Invited experts from leading industries for **guest lectures** and **module-based teaching** in core subjects.
- Incorporated **industry-oriented case studies** and practical assignments within regular courses.

- Collaborative teaching sessions were conducted jointly by faculty and industry professionals
- **Outcome:** Students gained real-time insights into industry practices and enhanced problem-solving skills.

S. No	Academic year	Name of The Course	Topic	Student attended details	Industry Involvement	Name of The Industry Expert
1	2024-2025	Processors and Controllers/ Adhoc and Sensor Networks	Interfacing Peripherals with Arduino	131	Hands-on Workshop, Lab Sessions	Mr.Sriraman Balaji, CEO & Founder,Rajan Robotics,Trichy
2		Mini Project/ Project Work Phase I	Career Strategies for the Future	252	webinar	Mr.K.Selvaganapathy,Technical Consultant, Insueta Technology Pvt Ltd., Bangalore
						Mr.Kaplidev,SoC Design Engineer,Intel Corporation, Bangalore
						Mr.A.Sathish,Senior Infrastructure Engineer,Marine Solution Pvt Ltd, Pondicherry.
3		VLSI Circuits and CAD Design	VLSI-ASIC system design for next generation IoT and SoC Implementations	193 Students	Seminar	Mr.K.Kumar, VLSI Mentor, Semiconductor manufacturing,Bangalore,karnataka
4	Satellite Communication and Remote Sensing	Drones and Innovation Shaping the Future Technology”	220	Skill Development Programs	Mr.M.Subash,Co-Founder & SMD. Mr.P,Surendar,Manager,AeroKnotz Drones India Private Limited, Chennai	
5	Employability Enhancement Courses	Campus to Corporate	130	Seminar	Mrs.Salom Jerlin,Managing Director,HITAKEY Tech Solution Pvt. Ltd, Trichy	
1	2023-2024	Broadband Wireless Communications	“5G Communication Technology”	67 Students	Seminar	Mrs. Saranya T V Regional Business Head from DADB.
2		VLSI Circuits and CAD Design	Cranes Varsity	90 Students	Seminar	1.Mrs. Ashwini, General Manager, Cranes Varsity Private Limited, Bengaluru, Karnataka

						2.Mr.Venkatesh B.R, Corporate Trainer
3		Adhoc and Sensor Networks	Industrial IoT Using Lorawan Technology	120 Students	Workshop	Dr.K. Subramanian, Technical lead, Enthu Technology solution Pvt ltd, Coimbatore.
4		Data Analytics / ICT skill development	Microsoft Power BI Data Analyst Associate	131 Students	Training program	Bhaskar D – Domain Head, Seni0r Technical Trainer
5		Employability Enhancement Courses	'Navigating Careers to Success'	203	Webinar	Yadava Krishnan V V, a Business Analyst in SCM & Logistics at Vyapi InfoTech Pvt Ltd,
6		Soft Computing / AI / Security	AI Revolution in Cyber Security	320 Students	Seminar	Priyadharshini Karthik Ram, Manager - Security Governance Risk & Compliance, Capgemini
1	2022-2023	VLSI Circuits and CAD Design	VLSI Design	88 Students	Guest Lecture & Hands-on Session	Mrs.M. Divya, MD, Logic Solutions Pvt.Ltd
2		Processors and Controllers	Embedded System	110 students	Guest Lecture & Hands-on Session	K.C Tamil Venthan, LIFT INDIA, SRC College Road, Chatham Bus Stand, Trichy – 620002
3		Antenna and Wave Propagation	Antenna and Microwave Engineering	67 Students	Guest Lecture	Ms.Saundarya Venkatesan, Lead Application Engineer, Altair Engineering India Pvt. Ltd, Bengaluru – 560103, Karnataka

Table 2.8.3: Details of Industry Involvement

B. Industry-Offered Courses / Training

- Organized **short-term certification programs** in collaboration with industries
- Conducted **hands-on training programs** on emerging technologies
- Partner industries provided **domain-specific boot camps** and **skill-upgradation programs** for pre-final year students.

S.No	Academic year	Name of The Certificate Course organized/hands on training/Boot camps	Number of Students attended	Industry Involvement	Name of The Industry Expert
1			131		Mr.Sriraman Balaji,

		Internet of Things (IoT) – Hands-on Training on Arduino & Sensors		Collaborative Teaching	CEO & Founder, Rajan Robotics, Trichy
2	2024-2025	Cloud Computing with AWS – Certification Program	131	Guest Lecture, Hands-on Lab	Mr.Balaji, Associate Software Engineer,Cognitive platform solution
3		Artificial Intelligence & Machine Learning Bootcamp	131	Guest Lecture	Ms.Bhuvaneshwari, G&D Technologies,Perungudi, Chennai
4		PLC and SCADA	67	Collaborative Teaching	Mr.A.Ravi, INNOVA SKILLS,Bangalore
5		Cloud-Connected IoT Devices and Applications	97	Collaborative Teaching	Mr.K.Sivakumar, Star Technology, Trichy
6		AWS Academy Cloud Architect and Cloud Foundations	120	Collaborative Teaching	Mrs. N.Sandhya Iyer, TCS, Bangalore.
7	2023-2024	Microsoft Power BI Data Analyst Associate	120	Collaborative Teaching	Mr. K. A. Kananan
9		Navigation Careers to Success	89	Webinar	Mr. RAHUL, Sr.Hardware Engineer., Capgemini, Chennai.
10	2022-2023	VLSI Design	67	Guest Lecture, Hands-on Lab	Mr.Kaplidev, SoC Design Engineer, Intel Corporation, Bangalore
11		PCB Design	99	Guest Lecture, Hands-on Lab	Mr. Donthi Reddy Sathiesh., Tech IOT Lead Hinduja Tech, Chennai
12		EMBEDDED SYSTEM	68	Guest Lecture, Hands-on Lab	K.C Tamil Venthan Director Life Intensive Formation of Trust Trichy.

Table 2.8.4: Details of Industry Involvement

- **Outcome:** Students were industry-ready with additional certifications that complement the curriculum.

