St. JOSEPH'S INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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Special Achievements

The following are glimpses of few honours achieved by our students during 2024-2025:

HACK–O–MANIA–2K24 Software Edition a 24 Hrs Coding Contest

1.	**TEAM MEMBERS:** 1. Parimelazhagan S, III ECE 2. Vigneshwaran S , III ECE 3. Sahana S , III ECE 4. Priyanga S , II ECE **DOMAIN** Agriculture **TITLE OF THE PROJECT** Mobile Application development for Agriculture **MENTOR DETAILS:** Dr. P.G.V Ramesh, Professor & HOD-ECE **PRIZE & CASH AWARD:** **III Place & Rs. 3,000/-** **DATE & VENUE** 29th to 30th August 2024 St. Joseph's Institute of Technology, Chennai.	 **TEAM NAME: Farm Matrix**

INVENTIFY '24 - Hardware Innovation a 24 Hours Challenge

2.	**TEAM MEMBERS:** 1. Kalidass L, II ECE 2. Keerthana N, II ECE 3. Pravinesh K, II ECE 4. Navina R, II ECE 5. Nithin Visva M, II ECE **DOMAIN** Smart Automation **TITLE OF THE PROJECT** Smart Urban Waste Management System **MENTOR DETAILS:** Mr. D. Suresh, Assistant Professor /ECE **PRIZE & CASH AWARD:** **I Place & Rs. 10,000/-** **DATE & VENUE** 29th to 30th August 2024 St. Joseph's Institute of Technology, Chennai.	 **TEAM NAME: ECOSYNERGY**

UYIR Road Safety Hackathon 2025, a National Level 24-Hour Hackathon

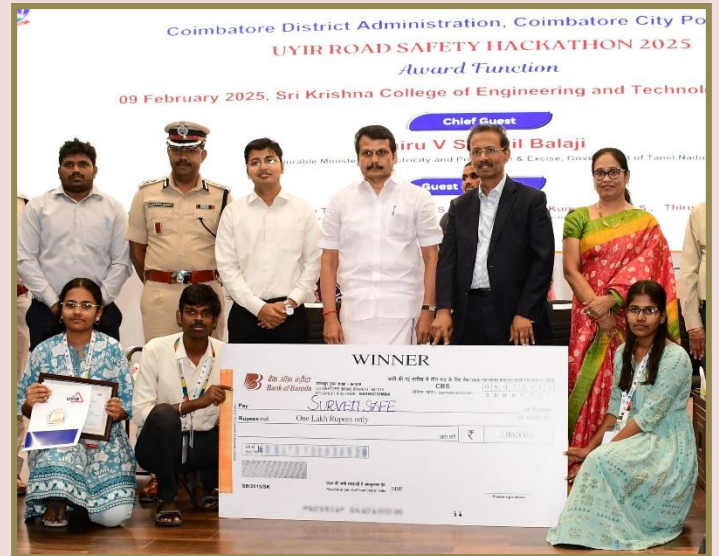|		
3.	**TEAM MEMBERS:** 1. Kalidass L, II ECE 2. Keerthana N, II ECE 3. Lathika B, II ECE **DOMAIN** AI-Driven Road Safety Innovations **TITLE OF THE PROJECT** Coimbatore Accident Detection & Emergency Response System with Hazard Detection, Hotspot Prediction and Prevention **MENTOR DETAILS:** 1. Dr. P.G.V Ramesh, Professor & HOD-ECE 2. Mr. D. Suresh, Assistant Professor /ECE **PRIZE & CASH AWARD:** **I Place & Rs. 1,00,000/-** **DATE & VENUE** 8/2/2025 & 9/2/2025 Coimbatore district administration, Coimbatore City Police, Sri Krishna College of Engineering and Technology, Coimbatore	 **TEAM NAME: SURVEIL SAFE**	

The Thiran CTF Quest 2025

4.	**TEAM MEMBERS:** 1. Shyamalavannan G, III ECE 2. Karthik D, III ECE **DOMAIN** CYBER SECURITY **MENTOR DETAILS:** Ms. B N Kalpana, Assistant Professor (PEP-Cyber) **PRIZE & CASH AWARD:** **II Place & Rs. 15,000/-** with Internship offer from Traboda Labs **DATE & VENUE** 20/2/2025 Sri Eshwar College of Engineering, Coimbatore	 **TEAM NAME: EX0RCISTS**	

Code Fest'25 A International Hackathon 2.0

5.	**TEAM MEMBERS:**
	1. Priyadharshini S, III ECE
	2. Sivaprakasam T, III ECE
	3. Shriram S, III ECE
	4. Subasri R, III ECE
	DOMAIN
	Augmented Reality
	TITLE OF THE PROJECT
	Developing a web-based Augmented Reality (AR) application.
	MENTOR DETAILS:
	1. Dr. A. Maria Christina Blessy, Assistant Professor / ECE
	2. Mr. T. Siva, Assistant Professor /ECE
	PRIZE & CASH AWARD:
	I Place & Rs. 12,000/-
	with Internship offer from Praya Labs
	DATE & VENUE
	20/2/2025 & 21/2/2025
	Arunai Engineering College, Tiruvannamalai

TEAM NAME: CF2524

A VORTEX Hackathon 2025

6.	**TEAM MEMBERS:**
	1. Vimalan S, II ECE
	2. Vasanth S, II ECE
	3. Sanjay T, II ECE
	4. Walter Viwin J, II ECE
	CATEGORY
	FUSION
	TITLE OF THE PROJECT
	The Volans MAP
	MENTOR DETAILS:
	Dr. S.Tephillah, Associate Professor/ECE
	PRIZE & CASH AWARD:
	I Place & Rs. 4,000/-
	DATE & VENUE
	24/2/2025
	SSN College of Engineering, Chennai

TEAM NAME: POSEIDON'S MAP MAKERS

SMARTATHON, a National Level 24-Hour Hackathon

7.	**TEAM MEMBERS:** 1. Vimalan S, II ECE 2. Vasanth S, II ECE 3. Sanjay T, II ECE 4. Walter Viwin J, II ECE **DOMAIN** Sustainable Smart World **TITLE OF THE PROJECT** V-Maps **MENTOR DETAILS:** Dr. S.Tephillah, Associate Professor/ECE **PRIZE & CASH AWARD:** **I Place & Rs. 10,000/-** **DATE & VENUE** 27/2/2025 & 28/2/2025 St. Joseph's College of Engineering, Chennai and Sponsored by L&T Pvt. Ltd., IEEE IAS, and The Centre for Climate Change and Disaster Management, Anna University.	 **TEAM NAME: VOLANS**

INFINEON LAUNCHPAD HACKATHON, a National Level 36-Hours Hackathon

8.	**TEAM MEMBERS:** 1. Chandra Sekaran S, III ECE 2. Chandrakiran, III ECE 3. Risikesvar G, III ECE **DOMAIN** VLSI DESIGN **TITLE OF THE PROJECT** Build A Soc: The Tiny MCU **MENTOR DETAILS:** Dr. J.Jeba Johannah, Associate Professor/ECE **PRIZE & CASH AWARD:** **I Place & Rs. 15,000/-** **DATE & VENUE** 1/3/2025 & 2/3/2025 Chennai Institute of Technology, Chennai	 **TEAM NAME: TEAMY**

CYBER CONCLAVE and Capture the Flag (NovaCTF)

9.	**TEAM MEMBERS:**	
	1. Shyamalavannan G, III ECE 2. Karthik D, III ECE	
	DOMAIN Cyber Security	
	MENTOR DETAILS: Ms. B N Kalpana, Assistant Professor (PEP-Cyber)	
	PRIZE & CASH AWARD: **III Place &** with Cash Award & Cash Voucher of CRTA Exam worth **$300 USD** Total Prize Money of **Rs. 29,000/-**	**TEAM NAME: EX0RCISTS**
	DATE & VENUE 14/3/2025 Kumaraguru College of Technology, Coimbatore	

Human-Animal Conflict (HAC-Kathon '25)

10.	**TEAM MEMBERS:**	
	1. Mohamed Rifay S, II ECE 2. Naga Vinay Avvaru, II ECE 3. Nehanitha S, II ECE	
	DOMAIN Artificial Intelligence & IoT	
	TITLE OF THE PROJECT AI-Powered Swarm Drone System for Human-Elephant Conflict Mitigation	
	MENTOR DETAILS: 1.Dr.G. S. Uthayakumar, Associate Professor – ECE 2.Dr.M. Senthil Murugan, Associate Professor– ECE	
	PRIZE & CASH AWARD: **II Place & Rs. 15,000/-**	
	DATE & VENUE 14/3/2025 & 15/3/2025 Tamilnadu Forest Department Coimbatore Forest Division & Sri Ramakrishna Engineering College, Coimbatore	

Blaze A Trial 1.0

11.	**TEAM MEMBERS:** 1. Balasubramani E, III ECE 2. Bavasri K, III ECE 3. Harini D P, III ECE **CATEGORY** Hardware **TITLE OF THE PROJECT** Multimodal Segment Anything Drone **MENTOR DETAILS:** 1. Mr. Bino J, Assistant Professor-ECE **PRIZE & CASH AWARD:** **II Place & Rs. 7,000/-** **DATE & VENUE** 19/3/2025 & 20/3/2025 St. Joseph's Institute of Technology, Chennai	

Blaze A Trial 1.0

12.	**TEAM MEMBERS:** 1. Abdul Kathir Jailani M, II ECE 2. Abisheik E, II ECE 3. Benny Hinn J, II ECE 4. Gokul Raj S, II ECE 5. Balaji R, II ECE **CATEGORY** Hardware **TITLE OF THE PROJECT** **Fix-It-Bot :** an AI-Powered Predictive Maintenance Assistant **MENTOR DETAILS:** Dr. C.T Kavitha, Associate Professor-ECE **PRIZE & CASH AWARD:** **III Place & Rs. 3,000/-** **DATE & VENUE** 19/3/2025 & 20/3/2025 St. Joseph's Institute of Technology, Chennai	

13.	**TEAM MEMBERS:** 1. Vimalan S, II ECE 2. Vasanth S, II ECE 3. Sanjay T, II ECE 4. Walter Viwin J, II ECE **TITLE OF THE PROJECT** VOLANS MAPS – Marine Time Navigation and Border Alerts System with no connection-VOLANS-Call **PRIZE & CASH AWARD:** **I Place & Rs. 5,000/-** **DATE & VENUE** 27/3/2025 SRM Institute of Science and Technology, Vadapalani Campus Chennai, organized by IETE Student Forum and association with the National Institute of Ocean Technology	 **TEAM NAME: TEAM VOLANS**