

Indian Society for Technical Education

CMR TECHNICAL CAMPUS



UGC Autonomous



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Kandlakoya, Medchal Road, Hyderabad-501401

Session Details:

Title of the session: TIP- EXPO 2025 The innovation project (Expo).

Date: 22-03-2025

Duration: 9:30 am- 4:00 pm (6 hours)

Expenditure: 4000/-

Theme: Innovation

Expert/Speaker Details:

Name: Dr. Mohana Laxmi, V Prema tulasi, M. Raghavendra

Designation: Associate Professor, Assistant Professor, Assistant Professor.

Organization: CMR Technical Campus

Coordinator Details:

Name: Md Asma, SV Suji Aparna, G swarnalatha, BP deepak kumar, M shreesha

Designation: Assistant Professor, Assistant Professor, Assistant Professor, Assistant Professor, Assistant Professor

Organization: CMR Technical Campus

Outcome of the activity:

Key Highlights:

The TIP-EXPO 2025, or The Innovation Project Expo, aims to serve as a dynamic platform for showcasing innovative projects, products, and solutions across various sectors.

Objectives of TIP-EXPO 2025:

Showcase Innovation: Provide an opportunity for companies, startups, and individuals to present their groundbreaking products, technologies, and projects that demonstrate significant innovation.

Foster Networking and Collaboration: Encourage collaboration among participants, including businesses, tech enthusiasts, and thought leaders, creating an environment conducive to the exchange of ideas, partnerships, and investment opportunities.

Inspire Industry Advancements: Promote the adoption of cutting-edge technologies and processes

that can drive advancements in various industries, including tech, sustainability, manufacturing, healthcare, and more.

Educate and Engage the Public: Offer workshops, seminars, and interactive exhibits to educate the public about emerging trends and the potential impact of new innovations on society and the global economy.

Highlight Sustainable Innovation: Emphasize the importance of sustainable development in innovation, encouraging solutions that contribute to environmental and social responsibility.

Benefits/Outcome of the Program:

Increased Visibility for Innovators: Participants, especially startups and small businesses, will gain exposure to potential investors, collaborators, and customers, enhancing their market visibility and credibility.

Stronger Industry Connections: The event will help forge new partnerships between startups, corporations, academic institutions, and government bodies, fostering collaboration that can lead to new business ventures and research initiatives.

Development of Innovative Solutions: The expo is expected to spark the development of new, practical solutions to pressing challenges in areas such as sustainability, digital transformation, healthcare, and more.

Knowledge Exchange and Learning: Attendees will leave with a deeper understanding of the latest trends and best practices in innovation, contributing to the ongoing evolution of their respective industries.

Promotion of Sustainable Innovation: By focusing on sustainability and social responsibility, the expo will help drive the growth of environmentally conscious innovations, contributing to the global push toward greener technologies.

Participant Details:

Total no. of Student participation: 60

Total no. of Staff (Teaching/Non-teaching) participation:12

Three to four Photographs/Screenshots that show the participation of students and staff (Teaching/Non-teaching)

Photographs/ Screenshots:



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(Ministry of Education Initiative)



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ISTE SOCIETY FOR TECHNICAL EDUCATION

Department of Computer Science & Engineering
in association with
Institution's Innovation Council (IIC 7.0) Organizing

TIP-Expo 2025
The Innovation Project (Expo)



 **LAB NO 248**

 **22-03-2025**

 **09.30 AM to 04.00 PM**

REGISTER NOW



Md Asma
SV Suji Aparna
Program Co-Ordinators
CMR TECHNICAL CAMPUS
Hyderabad

Dr.N.Bhaskar
HOD, CSE
CMR TECHNICAL CAMPUS
Hyderabad

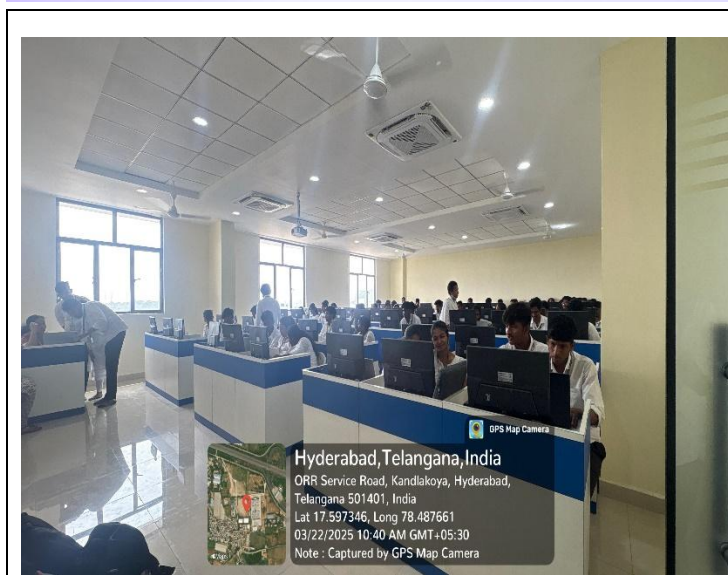
Dr.Suma S
Convenor, IIC
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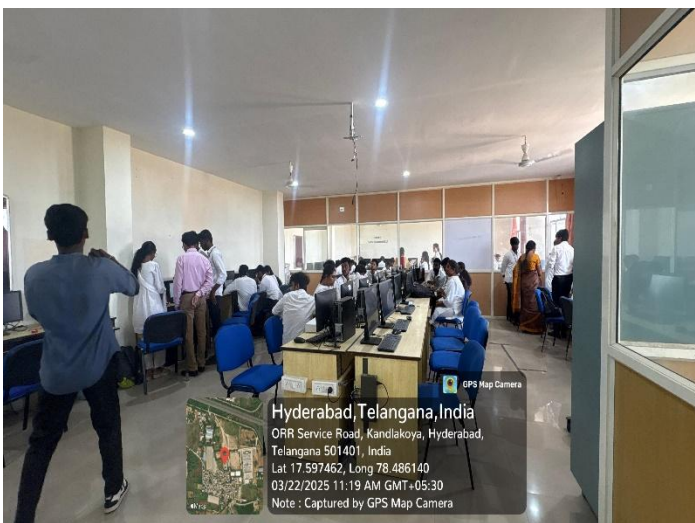
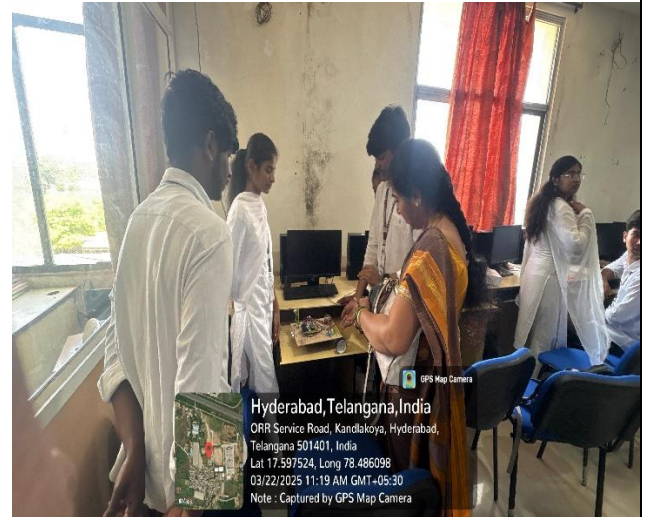
Dr.K.Srujan Raju
Vice President, IIC
CMR TECHNICAL CAMPUS
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Dr.M.Ahmed Ali Baig
President, IIC
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Dr.A.Raji Reddy
Director
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Event Video link:

<https://drive.google.com/file/d/1xUfvt42vkNBRVsF4y4umgAcIVtCZ3na2/view?usp=sharing>

Attendance details:

Timestamp	Year	Title of Project	Batch Leader Name	Batch Leader Roll No	Batch member 1 Name & Roll No	Batch member 2 Name & Roll No	Batch member 3 Name & Roll No
2025/03/18 10:36:30 AM GMT+5:30	III	Hydrowatch -A water quality monitoring network for drinking and irrigation	POGULA MADHUR YA	237R5A0522	POGULA MADHUR YA-237R5A0522	BANOTH THRIVIKRAM-227R1A05K9	ADITYA SRIPALLE-227R1A05K3
2025/03/18 11:50:49 AM GMT+5:30	II	MODERN STOCK AND SALES MANAGEMENT	V ABHILASH CHARY	237R1A05Y6	237R1A05Y8	247R5A0529	247R5A0526
2025/03/18 1:33:52 PM GMT+5:30	II	Android Based Video Surveillance Robot	Sambu Nithish Kumar	237R1A05B5	S. Tharun -237R1A05B6	S. Rakesh -237R1A05B8	P. Bhanu Swaroop -237R1A05A8

2025/03/18 1:42:10 PM GMT+5:30	II	Voice operated Intelligent automatic fire extinguishing vehicle	M.Sai Nikhil	237R1A05 G1	A.Shailaj a 237R1A0 5D0	Chandra Pavan Sai 237R1A05E1	P.Manikanta 247R5A0516
2025/03/18 6:11:34 PM GMT+5:30	II	Industrial iot- based monitoring application for gridtied photovoltaic systems	Mani varshith	237R1A05 EJ	Akshaya & 237R1A0 5EN	Srikanth & 237R1A05CT	Lavanya & 237R1A05EM
2025/03/19 9:53:12 AM GMT+5:30	II	MedXPert	Saiteja	237r1a05c3	K.MAN OJ 237R1A0 592	CH.RUSHIV ARDHAN 237R1A0578	P.VISHNUVARDHAN 237R1A05A7
2025/03/19 12:20:40 PM GMT+5:30	II	Iot based smart multi control surveillance system	Nutan	237r1a05g4	Samatha 05g2	Sushma 05e3	Sai Ram 05d9
2025/03/19 12:27:07 PM GMT+5:30	II	Underground cables fault detection	N Harshadith	237r1a05g3	Haritha 237r1a05 f0	Nishitha 237r1a05h5	Pranav 237r1a05h4
2025/03/19 12:29:05 PM GMT+5:30	II	Airport Automation System Using IoT	N.Niharika	237R1A05 G6	Sathya jaya sree,237 R1A05J1	Harshavardha n,237R1A05F 5	Ramakanth,237R1A05E9
2025/03/19 2:50:03 PM GMT+5:30	II	Passenger Survival Prediction	Vaishnav Agarwal	237R1A05 EP	Gangapra sad :237R1A 05CU	Harshith: 237R1A05D B	Tagore : 237R1A05CQ
2025/03/19 2:53:01 PM GMT+5:30	III	A recurrent CNN for Automatic detection and classification of Coronary Artery Plaque and Stenosis in Coronary CT Angiography	ANGETI SHARAN YA	227R1A05 66	A.SHAR ANYA 227R1A0 566	B.NAVEEN KUMAR 227R1A0569	NONE
2025/03/19 2:54:37 PM GMT+5:30	II	Software Vulnerability Detection Tool using Machine Learning Algorithms	K. Prudviraj	227R1A05 98	K. Prudviraj , 227R1A0 598	G. Queeny, 227R1A0588	B. Niveditha. 227R1A0570
2025/03/19 2:54:55 PM GMT+5:30	II	Blockchain based technology for organ donation and transplantation	Nishanth popuri	237R1A05 EV	Gayatri Pujari 237R1A0 5EW	Sravanthi Andhe 237R1A05C K	Murari K 237R1A05DG
2025/03/19 2:55:46 PM GMT+5:30	II	Gaurdian ai's future home prediction using IOT	Rohanth Gunda	237R1A05 ED	R. Shivpal & 247R5A0 547	A praveen & 247R5A0539	None
2025/03/19 2:56:29 PM GMT+5:30	II	AI-POWERED DOCTOR APPOINTMENT BOOKING APP	Anileshwa r	237R1A05 FA	Raghave ndra 237R1A0 5DC	Sudeep 237R1A05C Y	Siddhartha 247R1A0540
2025/03/19 2:57:39 PM GMT+5:30	III	Air Quality Index Forecasting via Genetic Algorithm-Based Improved Extreme Learning Machine	J.Nithin	227R1A05 90	J.Nithin - 227R1A0 590	G.Hachutha - 227R1A0582	Ollamalla Laxmi Prasanna - 227R1A05A6
2025/03/19 3:04:10 PM GMT+5:30	III	Analysis and Detection Autism Spectrum Disorder using Machine Learning	k.sravya	237r5a0513	G. Sai Parimala	227r1a0584	227r1a0567

2025/03/19 3:24:16 PM GMT+5:30	II	Blood Group Detection Using Image Processing and fingerprint	Anumula Akshitha	237R1A05 DH	P. Pramod Amrit 237R1A0 5DW	T. Mary Shinika 237R1A05EL	V. Vishwak 237R1A05ET
2025/03/19 3:27:44 PM GMT+5:30	II	Alzheimer disease prediction using machine learning algorithm	G.Samatha	237R1A05 E6	K.Gayath ri - 237R1A0 5F2	P.Rakesh - 237R1A05H3	Y.Harshith kumar - 237R1A05K1
2025/03/19 3:28:55 PM GMT+5:30	II	A Machine Learning Approach Using Statistical Models for Early Detection of Cardiac Arrest in Newborn Babies in the Cardiac Intensive Care Unit	A.SRIPAL	237R1A05 CL	Laharika &237R1 A05CM	SRIVARDH AN &237r1a5cp	SANJANA &237R1A05EG
2025/03/19 3:51:12 PM GMT+5:30	II	A machine learning approach using statistical model for early detection of cardiac arrest in new born babies	Sripal	237R1A05 CL	Laharika 237r1a05 cm	Srivardhan 237r1a05cp	Sanjana 237r1a05eg
2025/03/19 6:31:28 PM GMT+5:30	II	Cyberkids: Video Game for Raising Cyber Security Awareness in Children	Nenavath Sai Nithin	237R1A05 P4	K.Sai Kumar - 237R1A0 5M6	K.Sreeshanth - 237R1A05N2	M.Lokesh - 247R5A0518
2025/03/19 6:41:30 PM GMT+5:30	II	Integrating GPS and GSM Technologies for Enhanced Women's Safety A Fingerprint- Activated Device Approach	Tumma Tejaswi	237R1A05 Q8	237R1A0 5K7 ANNEM ALLA THANIS HKA	237R1A05M 4 KOSULA RAM CHARAN REDDY	237R1A05N0 KATLA VIGNESH
2025/03/19 8:01:59 PM GMT+5:30	II	PANCREATIC TUMOUR DETECTION USING IMAGE PROCESSING	Gundebom mu Dheeraj	237R1A05 L9	G. Dheeraj (237R1A 05L9)	S. Faraaz(237R1 A05Q4)	T. Bhuvaneswari (237R1A05Q7)
2025/03/19 8:08:47 PM GMT+5:30	II	Cyberkids : VIDEO GAME FOR RAISING CYBERSECURIT Y AWARENESS IN CHILDREN	Nenavath Sai Nithin	237R1A05 P4	K.Sai Kumar - 237R1A0 5M6	K.Sreeshanth - 237R1A05N2	M.Lokesh - 247R5A0518
2025/03/19 8:12:42 PM GMT+5:30	II	An automated low cost iot based fertilizer intimation	Dheram Sripurna	237R1A05 82	Harsha sahith (237R1A 0591)	Likith (237R1A0596)	Bharghav (237R1A05C0)
2025/03/19 8:17:09 PM GMT+5:30	II	Construction Site Accident Analysis Using Text Mining And Natural Language Processing Tech niques	Mahek Saxena	237R1A05 AY	Mahek Saxena & 237R1A0 5AY	Akshaya & 237R1A05Z5	Venkatesh & 237R1A05AU
2025/03/19 8:17:41 PM GMT+5:30	II	Missing Child Analysis using Deep Learning and Multiclass SVM	Sreeshanth Reddy Bodigam	237r1a05z9	Sreeshant h Reddy Bodigam 237r1a05 z9	P. Vijay Kumar 237r1a05bm	K. Spandana 237r1a05ar
2025/03/19 8:46:21 PM GMT+5:30	II	AUTOMATION OF TOLLGATE AND BLOCKING OF UNAUTHORISE D VEHICLES	CH.PRUD HVI	237R1A05 AD	CH.PRU DHVI - 237R1A0 5AD	D. MANORANJ ITH - 237R1A05A G	K. SREEJA - 247R5A0534
2025/03/19 9:11:51 PM GMT+5:30	II	Railway track crack and obstacle detection system	Ruthvik voorukalla	237R1A05 BT	V. Ruthvik - 237R1A0 5BT	S. Tanmay - 237R1A05BZ	V. Bhargavi - 237R1A05CH

2025/03/19 9:22:51 PM GMT+5:30	II	Automatic detection of genetic diseases in pediatric age using pupillometry	BHOOMPALY LIKITHA CHARY	237R1A0511	BHOOMPALY LIKITHA CHARY : 237R1A0511	JAYANTH KOMMALA PATI : 237R1A0527	ROHITH REDDY : 237R1A0530
2025/03/19 9:42:45 PM GMT+5:30	II	Integrating GPS and GSM Technologies for Enhanced Women's Safety A Fingerprint-Activated Device Approach	Tumma Tejaswi	237R1A05Q8	237R1A05R5 YANDA PALLI ANSHITHA	237R1A05K7 ANNEMALLA THANISHKA	237R1A05M4 KOSULA RAM CHARAN REDDY
2025/03/19 9:59:26 PM GMT+5:30	II	Towards detection and attribution of cyber attacks in IoT-based cyber physical systems	Rakshitha Reddy	237r1a0546	mahesh yadav&237r1a0563	Deepak&237r1a0564	vamshi&247r1a0502
2025/03/20 9:35:54 AM GMT+5:30	III	Emotion detection using Facial recognition and speech recognition	Teja Reddy	227r1a05e1@cmrtc.ac.in	227r1a05e1@cmrtc.ac.in	227r1a05h8@cmrtc.ac.in	227r1a05f2@cmrtc.ac.in
2025/03/20 10:48:05 AM GMT+5:30	III	An Ai and Cloud based Collaborative platform for plant disease identification, tracking and forecasting for farmers	Ch. Vineela	227R1A0509	Ch. Vineela (227R1A0509)	J. Arun Kuma (227R1A0523)	N. Satish (227R1A0543)
2025/03/20 12:07:03 PM GMT+5:30	III	A Comparative Analysis of Deep Neural Networks for Brain Tumor Detection	Kotagiri Nikhil	227r1a05p3	Nikhil 227r1a05p3	Hamsini 227r1a05r2	sanket 227r1a05m7
2025/03/20 12:08:35 PM GMT+5:30	III	STRESS DETECTION IN IT PROFESSIONALS USING IMAGE PROCESSING AND MACHINE LEARNING	P Bhavani priya	227R1A05Q1	P Bhavani priya 227R1A05Q1	Nithin Valaboju 227R1A05R1	J Balaji Chandra 227R1A05N3
2025/03/20 12:09:23 PM GMT+5:30	III	PADDY DISEASES RECOGNITION USING CONVOLUTIONAL NEURAL NETWORKS	B Abhinay	227R1A05L0	B Abhinay-227R1A05L0	Y Keerthy-227R1A05R5	M Suhan-237R5A0526
2025/03/20 12:31:49 PM GMT+5:30	III	PATIENT HEALTH MONITORING SYSTEM USING IOT	G.bhavana	237r1a0521	P.sairam &237r1a0544	Govardhan &237r1a0540	Pankaj&237r1a0543
2025/03/20 12:38:29 PM GMT+5:30	II	Sensitive content on yt	S. MEGHAN A SUVIGNA	227R1A0544	K. neelima	227R1A0535	B. Venkatesh
2025/03/20 12:47:35 PM GMT+5:30	III	Blockchain in agriculture	M.Dharani	227r1a0538	M.Dharani-227r1a0538	Molina Mandal-227r1a0542	M.Sangeetha-197r1a0590

2025/03/20 1:01:32 PM GMT+5:30	II	A BLOCKCHAIN- INTEGRATED FRAMEWORK FOR SECURE FEDERATED LEARNING OF ENCRYPTED EHR DATA WITH HOMOMORPHI C ENCRYPTION	Gurram Vishala	227R1A05 21	P.Vishnu Teja - 227R1A0 547	A.venkatesh - 227R1A0505	-
2025/03/20 1:24:35 PM GMT+5:30	II	Road Accident Prediction Model Using Data Mining Techniques	G. Akshith	227R1A05 19	G. Akshith, roll no:227R1 A0519	R. Srija, roll no:227R1A05 49	N Naveen Kumar, roll no:237R5A0507
2025/03/20 1:50:03 PM GMT+5:30	II	A BLOCKCHAIN- INTEGRATED FRAMEWORK FOR SECURE FEDERATED LEARNING OF ENCRYPTED EHR DATA WITH HOMOMORPHI C ENCRYPTION	G. Vishala	227R1A05 21	G. Vishal a - 227R1A0 521	P. Vishnu Teja- 227R1A0547	A. Venkatesh- 227R1A0505
2025/03/20 3:29:59 PM GMT+5:30	III	SMART CITY TRANSPORTATI ON: DEEP LEARNING ENSEMBLE APPROACH FOR TRAFFIC ACCIDENT DETECTION	Yarra Harshini	237R1A05 R6	Yarra Harshini 237R1A0 5R6	Anand Kasaju 237R1A05K4	Agidi Akshitha 247R5A0521
2025/03/20 4:28:37 PM GMT+5:30	II	Blockchain based autonomous notarization system using national eld card	Ashish	227R1A05 D1	Ashish 227R1A0 5D1	Vardhan 227R1A05E2	Mohan 227R1A05D0
2025/03/20 6:17:47 PM GMT+5:30	II	DIABETIC RETINOPATHY DETECTION USING RESNET101 AND DENSENET121	G VINAY KUMAR	237R1A05 20	G VINAY - 237R1A0 520	P VISHNU - 237R1A0542	O SRINU - 237R1A0539