

INSTITUTION'S INNOVATION COUNCIL (IIC)

CMR TECHNICAL CAMPUS

UGCAutonomous

Accredited by NBA & NAAC with 'A' Grade

Approved by AICTE & Affiliated to JNTUH

Kandlakoya, Medchal Road, Hyderabad-501401



Session Details:

Title of the session: *Prototype Development and Validation Clinic*

Date: 21-1-2026

Duration: 10 hours

Activity Level: Full Day

Expenditure: 5000 (Five Thousand Only)

Activity Category: Prototype Development and Validation Clinic

Theme: "Promotion of Deep-Tech based Research & Innovation"

Brief Description of Session:

Prototype Development and Validation Clinic / Project Expo is an initiative where ideas are transformed into working models (prototypes) and tested for feasibility, functionality, and user relevance. Participants design, develop, and refine prototypes, then validate them through testing and expert feedback. The Project Expo provides a platform to showcase these solutions, encouraging innovation, hands-on learning, and real-world problem solving while connecting students or innovators with mentors, industry experts, and potential stakeholders.

Expert/Speaker Details:

Name: Mr. Gotte Bhaskar

Designation: Sub Divisional Engineer

Organization: BSNL, ABIDS, Hyderabad

Brief about Expert/Speaker:

Mr. Gotte Bhaskar is currently working as Sub Divisional Engineer in BSNL, Chief Manager, Abids, Hyderabad. He joined as DR-JTO in 2007 and has worked in Karnataka, Andhra Pradesh. In addition to his 19 years of service in BSNL, also worked as HOD ECE in reputed engineering colleges over a period of 10 years.

Objective of the activity:

The objective of this activity is to promote innovation and experiential learning by enabling participants to convert ideas into functional prototypes and validate them through testing and expert feedback. It aims to enhance practical skills in design, development, and problem-solving while bridging the gap between theoretical knowledge and real-world applications. The activity also provides a platform for showcasing projects, encouraging collaboration, creativity, and entrepreneurial thinking among participants.

Outcome of the activity:

The outcome of the activity is that participants gain hands-on experience in developing and validating prototypes, improving their technical, analytical, and problem-solving skills. They achieve a better understanding of real-world application of concepts through testing and feedback, enhance teamwork and communication abilities, and demonstrate innovative solutions through the project expo. The activity also helps identify viable ideas for further development, research, or entrepreneurial opportunities

EventBrochure:

CMR TECHNICAL CAMPUS
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Department of Electronics & Communication Engineering
in association with Institution's Innovation Council (IIC 8.0)
R&D Cell Idea Cafe Organizing

“Prototype Development & Validation Clinic”

Jury Member

PROTOTYPE

Mr. G. Bhaskar
Sub Divisional Engineer
Bharat Sanchar Nigam Limited (BSNL), ABIDS-HYD.

Scan me!

Register as a team here for free

ECE Department, B-Block, 3rd Floor

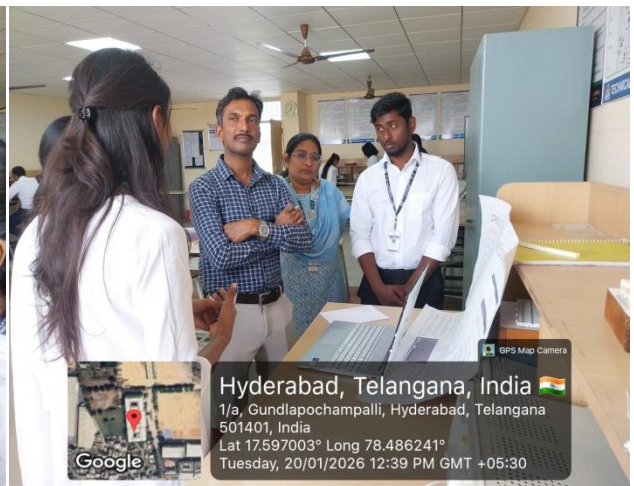
20-01-2026

10:00 AM to 4:00 PM

Dr. Suraya Mubeen Coordinator R&D Cell & Idea Cafe, CMRTC, Hyderabad	Dr. S. Mallesh HOD, ECE CMRTC, Hyderabad	Dr. K. Mohana Lakshmi R&D Cell & Idea Cafe, CMRTC, Hyderabad	Dr. S. Suma Convenor, IIC CMRTC, Hyderabad
Dr. S Rao Chintalapudi Vice President, IIC CMR TECHNICAL CAMPUS Hyderabad	Dr. K. Srujan Raju President, IIC CMR TECHNICAL CAMPUS, Hyderabad	Dr. A. Raji Reddy Director CMR TECHNICAL CAMPUS Hyderabad	

Event Photographs:







Attendance details:

Total no.of Student participation: 20

Total no.of Staff(Teaching/Non-teaching) participation: 21

S.NO	TIMESTAMP	ROLLNO	STUDENTNAME	Year	BatchNumber	MailID	Titleofthe Prototype
1	1-19-2026 10:52:52	227r1a0406	Vinay	IV	5	2271a0406@cmrtc.ac.in	Heartdiseasepredictionusingmachinelearning
2	1-19-2026 10:57:11	227R1A0422	Durgam Vyshnavi	Finalyear	A2	227r1a0422@cmrtc.ac.in	Metaheuristicapproachesforoptimiz eddrone communicationnetwork
3	1-19-2026 10:54:03	227R1A0426	NavyasriJonnala	4th	A-8	227r1a0426@cmrtc.ac.in	Intelligent3Dscanningwith AI-basedoptimizationtechnique
4	1-20-20269:10:57	227R1A0444	Mohan	4th year	12	Mohannuvvula07@gmail.com	Designofhelicalantennausinghfss
5	1-19-2026 10:53:19	227r1a0452	S.supriya	4th	14	227r1a0452@cmrtc.ac.in	Designandimplementationof primitivebatterymanagementsystem
6	1-19-2026 10:53:23	227r1a0457	Sirapurapurvarsha	4	5	227r1a0457@cmrtc.ac.in	Heartdiseasepredictionusingmachinelearning
7	1-19-2026 10:57:09	227r1a0458	Anandreddy	4	15	anandreddy27297@email.com	STRESSDETECTIONINITPROFESSIONALS BY MACHINELEARNING
8	1-19-2026 10:54:16	227r1a0464	A.Sneha	4th year	15	227r1a0464@cmrtc.ac.in	Stress detection in ITprofessionals by imageprocessingandmachine learning
9	1-19-2026 10:52:23	227R1A0484	Jagadabi Varshitha	IV	6	227r1a0484@cmrtc.ac.in	SmartgardeningssystemusingESP32
10	1-19-2026 10:53:46	227R1A04A4	Pathlavath Pallavi	4th year	13	227r1a04a4@cmrtc.ac.in	LeveragingDeepCNNBloodgroup detection usingfingerprint
11	1-19-2026 10:54:47	237r5a0401	S.vikas	4th	2	237r5a0401@cmrtc.ac.in	Metaheuristicapproachesforoptimiz eddrone communicationnetwork
12	1-19-2026 10:53:15	237R5A0402	MalyalaSaiCharan	4	8	237r5a0402@cmrtc.ac.in	INTELLIGENT 3DSCANNINGWITHAI-BASEDOPTIMIZATION TECHNIQUE
13	1-19-2026 10:54:41	237r5a0403	S.varshini	4th	A2	237r5a0403@cmrtc.ac.in	Metaheuristicapproachesforoptimiz eddrone communicationnetwork

14	1-19-2026 10:54:56	237r5a0405	B.swami	4	4	237r5a0405@cmrtc.ac.in	Enhancingwomen'ssafetywithIoT
15	1-19-2026 10:57:59	237R5A0406	NSiddarthReddy	4	10	237r5a0406@cmrtc.ac.in	SurvivorTracker:AnIoTbasedvictim detection and rescue systemusingESP32
16	1-19-2026 10:54:46	237R5A0407	GangarajulaRajaSri	4th	10	237r5a0407@cmrtc.ac.in	SurvivorTracker-IOTbasedVictimDetectionandRescue System
17	1-19-2026 10:51:29	237r5a0410	T.Soumyasri	4	17	sreejatalakoti@gmail.com	Earthquakesafe detection
18	1-19-2026 10:57:13	237r5a0412	P.Thanuja	4th	16	thanujalaxman29@gmail.com	SMART ACCIDENTPREVENTIONSYS TEMFORU-TYPE ROADS USING ARDUINOUNO
19	1-19-2026 10:58:08	237r5a0413	P.ANITHA	4th	17	237r5a0413@cmrtc.ac.in	SMART HUMANDETECTIONSYS TEMFORAN EARTHQUAKE SURVIVORS
20	1-19-2026 10:57:57	237R5A0414	Ch Akshitha	4	18	chakatiakshitha05@gmail.com	WORKINGOFMULTIPLE TARGETS AR WITH IOT

VideoLink:

VideoLink: https://www.linkedin.com/posts/iic-cmrtc-12278a3a1_indiaaiimpactsummit2026-aiforgood-responsibleai-activity-7419738043667992576-Y5YE?utm_source=social_share_send&utm_medium=member_desktop_web&rcm=ACoAAGKJcCoB6dC5ERWeB0BF1EMdyFxNVyuQAOo