

DESIGN & INNOVATION CLINIC 2024 SHORTLISTED CANDIDATES			
Sl. No	Leader Name & Team	Title	College
1	Abdulwahab Ahmed M Omer	Smart Door Lock using the ESP32 CAM and the Blynk App	Sambhram Institute Of Technology
2	Abhishek Y P	IOT- Enabled Smart Washrooms	BGS Institute of Technology
3	Ajwin Dsouza	IoT based Smart Bee Hive Monitoring System	St. Joseph Engineering College, Mangaluru
4	Akshay Ajit Bhawar	VitalAir: Connected Gas Mask for Critical Worker Safety	Reva University
5	AppuGowdaB.S	SHAUCHA: Plastic Waste Management	Sri Krishna Institute Of Technology
6	Athish Sagar Kishan	Nandhi - ProBot: AGRI-TECH	Government Sri Krishna Rajendra Silver Jubilee Technological Institute, Bengaluru
7	Bhaskar.G	KeySense:Ensuring Vehicle Secure Ignition	Vidya Vikas Institute Of Engineering and Technology, Mysuru
8	Bhavika p	Smart Stock Management System	Reva University
9	Debprakash Mandal	Attendance System Using Face Recognition	Sambhram institute of technology
10	Deeksha Reddy M R	Smart Work Jacket for Coal Miners	Sambhram Institute of Technology
11	Deepu CP	Atmospheric Water Harvesting using Dehumidification Principle	Ramaiah Institute Of Technology
12	Dhanush S	Low-Cost Ventilator For Emergency Care	BGS Institute of Technology, ACU
13	Fida Fareesha	Non-Invasive Viral Fever Prediction Through Stress Analysis: A Novel Approach	The National Institute of Engineering, Mysuru
14	Gagana KN	Fake Currency Detection using Machine Learning	BGS Institute of Technology
15	Gomathyesvar V	Communication Protocol Using LIFI Technology	Er.Perumal Manimekalai College Of Engineering
16	Gowtham M	LIGHT as a Fuel	PES college of Engineering
17	Hari Prasad BP	A Glass of Trust: Real time Milk Adulteration Detection using IoT	Sambhram Institute of Technology
18	Harshith K	3D Online Shopping with Virtual Trial onPromoting 3D innovation	Reva University
19	Heena Ahmed	Medical Image Analysis using deep learning algorithms	Sambhram Institute Of Technology
20	Hemanth Gowda S L	Design and Development of UGV for under chassis car washing	M S Ramaiah University of Applied Sciences
21	Indraj Kumar	Mouthpiece Bot	BGS Institute of Technology
22	Joshu John	SkyGuard: Autonomous Aerial Search and Rescue System	Reva University
23	Kaushik	SafeHover: Elevating Iron Box Safety with Retractable Legs	Sri Ramakrishna Engineering College
24	Kaustubh Agrawal	Identification Of Cost-Effective Method For Detecting Gold Percentage In Ornaments	Manipal Institute of Technology, Bengaluru
25	Kiran M SAIT	Detection of Cardiovascular Diseases using Artificial Intelligence	Sambhram Institute Of Technology
26	Koustubha S	Oral Cancer Detection Using Deep Learning	BGS Institute of Technology
27	Lathesh D R	A Vision-Based System Design And Implementation For Accident Detection And Analysis Via Traffic Surveillance Video	Sambhram Institute of Technology
28	Likhith Raje URS N	AI-Powered, 4G Enabled Autonomous Drone Redefining Surveillance, Agriculture, and Smart Deliveries.	Reva University
29	Lokesh.B	Design & Development of Bladeless Proplulsion in Aviation	Sri Ramakrishna Engineering College
30	Manu Hegde	Navigating the Road Ahead: Advancing Bike Suspensions with Computer Vision	MS Ramaiah Institute of Technology
31	Marvel M John	VR AR systems with feedback to control remote robots	VIT - AP University
32	Mohan G M	EEG based eye movement controlled motion	Reva University

33	Monish Kumar G	Wind Turbine for Electric and IC Vehicles.	Atria Institute of Technology
34	Nitisri.T.S	AIoT Smart Eyewear For Law Enforcement	KCG College Of Technology
35	Pavan Kumar P C	Multiple Disease Prediction System using Machine Learning	Sambhram Institute of Technology
36	Prajwal	BINERGY	Government Sri Krishna Rajendra Silver Jubilee Technological Institute, Bengaluru
37	Prakruthi B C	User friendly devices for aged or physically challenged people	Sambhram Institute of Technology(CSE), Bangalore
38	Pratheeksha T C	Green-Tech (multipurpose agriculture robot)	Government Sri Krishna Rajendra Silver Jubilee Technological Institute, Bengaluru
39	Preetha M B	Smart Road Safety and Accident Prevention System for Electric Vehicles	Government Engineering College,Mosalehosahalli
40	Priyanka S	IOT based Mushroom Farming	Sambhram Institute of technology
41	Rahul s poonja	Cerium oxide electrode for super capacitor application	NMAM Institute of Technology, NITTE
42	Rakesha sharma	Design and Development of Automated Medicine Delivery System	MS Ramaiah University Of Applied Sciences
43	Rakshith Gowda K	Prognostic Investigation of Malnutrition in Infants using ML	BGS Institute of Technology
44	Revanth Sriraj	MechSphere: Advanced Inspection Robot	Reva University
45	Rohini Singh C H	Developing Of Virtual Chatbot System	Reva University
46	Rohit Shailesh	Many Terrain Surveillance Robot	M.S Ramaiah Institute of Technology
47	Sachin saurav	Novel Footstep Power Generation Using Piezoelectric Material	Sambhram Institute of Technology
48	Sandeep Panjiyar	Crypto Currency Price Prediction using LSTM Algorithm	Sambhram Institute of Technology
49	Saurav Kumar	Forecasting the Crop prices using Machine Langauge	Sambhram Institute of Technology
50	Shivakumar_Y	Smart Speed Guardian: An intelligent bike speed monitoring and control system for enhanced safety	Sapthagiri Eollege of Engineering
51	Shivani Singh T J	NEXT-GEN SMART GLASS: Elevating Safety, Navigation & Assistance in a Single Device	Sambhram Institute of Technology
52	Suchithra HM	Smart Metro Railway Ticketing System	BGS Institute of Technology
53	Suhas M	MindWheels: Mobility powered by EEG based BCI Technology	Sambhram Institute of Technology
54	Sukhadev.J.S	Stability for Fixed Wing UAV's	Sri Ramakrishna Engineering College
55	SurajG	Revolutionizing Areca nut Farming: Robotic Tree Climber, Harvester, and Pesticide Sprayer	Reva University
56	Suyog Arun Shinde	Intelligent Neonatal Health Monitoring system	Basaveshwar Engineering College, Bagalkote
57	Tharuneshwara Prasad S	Leaf disease detection system and Solution using machine learning	Government Engineering College, Mosalehosahalli
58	Tusshar Acharya	Fabrication Of Solar Drying Unit For Crops	NMAM Institute of Technology, NITTE
59	Ullas S T	Conversion of Internal combustion vehicle into Electric vehicle	BGS Institute of Technology
60	Vanishree N	Anomaly Based Detection of Privilege Escalation in Cyber Security	Sambhram Institute of Technology
61	Vijay vittal c	Implementing IR Light Technology to Combat Movie Piracy	Reva University
62	Vinit Shenvi	AI-powered liquid Nitrogen Ice Cream Maker	M S Ramaiah Institute of Technology
63	Vishwajeet kumar	Cyberbullying Detection using Machoine Learning	Sambhram Institute of Technology
64	Vyoma Mehta	Smart belt to assist elder people	Govt. Sri Krishnarajendra Silver Jubilee
65	Yathin Kumar M	Aqua Vision – Safety Aid Tool: A Drowning Incident Monitoring and Alerting System	Sambhram Institute of Technology

General Guidelines:

1. Please carry your laptops for project related activities (web search, presentation slides,etc.)

2. Dress code is smart casual on all 3 days.

3. Participate in all sessions and activities; be prepared for late nights.

4. Take responsibility for your part of the team project, and make sure team expectations are met.
5. Get timely feedback from mentor(s) for your team project from initial concept to final presentation.
6. Keep your project work area neat and dump waste into designated bins. Return the tools to stations.
7. Take photos and video clips of your team on all days; some of these can be used for presentation.
8. Take care of your valuables (mobile, wallet, laptop). CMTI will not be responsible for any loss or theft.
9. Network or unwind during mid-morning tea, working lunch, afternoon tea and dinner
10. Explore, experiment and enjoy every moment of the Camp with team members and mentors.
11. Take notes and maintain a diary of your experience for sharing with friends in your organization.
12. Share your daily experience, photos and videos on social media.
13. Kindly get your college ID cards as the valid proof.***It is mandatory***
14. Kindly bring a passport size photo for further reference.
15. No accommodation is provided those who are residing in Bengaluru. Student residing outside Bengaluru must carry a set of cloths if selected on the first day.
Prototype abstracts have been shortlisted based on Innovativeness, Novelty, Applications(Social impact / industry relevance), Technology usefulness and Relevance to Design & Innovation.
NOTE: * The final program schedule will be updated in the website. For any queries contact : N C Mookambika - 8618731842, Anil - 9986107099