

DESIGN & INNOVATION CLINIC 2025 SHORTLISTED CANDIDATES

Team No.	Leader Name (+Teammates)	Title	College Name
1	Akash Lata	Modular Pressure swing adsorption for small and medium Air purifiers	Indian Institute of Technology Jammu
2	Akash M	Eco-friendly pliant	PES College of Engineering, Mandya
3	Akshai K	Smart Disaster Response & Rescue Bot	Jai Shriram Engineering College
4	Akshay Ajit Bhawar	Precision Intelligence	REVA University
5	Alwin Anpu	Digital Guitar Amp with Distortion using DSP	Sambhram Institute of Technology
6	Anmol Kumar	AI Interview Simulator and Course Generator	Sambhram Institute of Technology
7	Aranya Bandhu	Bio Rythm	CMR Institute of Technology
8	Arvind A G	Portable Coffee Harvesting Machine	PES College of Engineering, Mandya
9	Basavaraj Shrishail Katti	Polylactic acid using potato starch	Basaveshwar Engineering College
10	B Nitin Reddy	Bag Security on Wheels	DSATM
11	Chandu. B	Laser Security System for farming	Global Academy of Technology
12	Chirag Sharma	VedicPod	REVA University
13	Durpat Singh Balayar	Online Chatbot Based Ticketing System for Museums	Sambhram Institute of Technology
14	Gayathridevi S	Eco Cycle: Smart Community Composting for a Sustainable	Knowledge Institute of Technology
15	Gladwin Paul	Smart Medical Devices for Elderly Care and Rehabilitation	REVA University
16	Godugu Bharani Vishnu	VIRESH HAST	RVR & JC College of Engineering
17	Godwin Jacob J	IoT-Based Speed Breaker Alert System for Single-Lane Roads	Dr. Mahalingam College of Engineering and Technology
18	Gokul S	Green Breeze Cooler	Knowledge Institute of Technology, Salem
19	Gowthami S	Breathe Safe: Smart Air Quality Monitoring with Predictive Analytics for Pollution Control	Sambhram Institute of Technology
20	Guddappa S Hosamani	Design and Fabrication of Smart Wheelchair with Voice Control for Physically Challenged People	PES College of Engineering, Mandya
21	Guna Lakshmikanth	ONCO-TRACE : Design and Testing of Microstrip Patch Antenna for Breast Cancer Detection	Dayananda Sagar College of Engineering
22	Harini R	Measuring Nutrient Content of Soil Using Solar Powered Mini Sensor	NPR College of Engineering and Technology
23	Harshitha R	Smart Intelligent Security For Women and Child System based on IOT	Sambhram institute of technology
24	Harshitha V	AI/ML based solution for detection of face-swap based deep fake videos.	Sambhram Institute of Technology
25	Harshitha.H	Eye Gaze System	sambhram institute of technology
26	Hrudhay H	Monitoring and Detection of Ammonia and Carbon Dioxide in Poultry Farm	PES College of Engineering, Mandya
27	Indraj Kumar N	EMPOWERING VISION: AI for Blind	BGS Institute Of Technology
28	Jai Shruthi N	VOXI SCRIBE: Speak to Write answers	CMRIT
29	Janagan A	AquaDetect+: An Effective Solution For Microplastic Detection & Removal	NPR College of Engineering and Technology
30	J Prem raj	IOT based Camouflage Robot	Sambhram Institute of Technology
31	Karan Gowda M	From Waste to Wires: Upcycling Polystyrene into Advanced Conductive Cables	Bapuji Institute of Engineering and Technology
32	Karthigeyan S	SMART AMBULANCE	Rajarajeswari College of engineering
33	Kaustubh Agrawal	Identification of Cost-effective method for detecting Gold Percentage in ornaments	Manipal Institute of Technology, Bengaluru
34	Kethan Gowda B R	GlyScope - Non-Invasive Blood Glucose Monitoring System	BMSIT & M
35	Kiran Gowda T	Rocker-Bogie Robot for Precision Laser Weeding	Sapthagiri college of engineering
36	Kiran J	RAKSHANA	G M Institute Of Technology, Davanagere
37	Kshithij Bandi	Smart glasses for the visually impaired	REVA University
38	K Dhanush	Park Smart	CMR Institute of Technology
39	Lathashree. M. S.	Drone based Women safety device using NAVIC	REVA University
40	Lekhak Gowda C R	AI-Driven PCOS/PCOD Diagnosis & Hormonal Monitoring Wearable	REVA University
41	Manisha G	Simplified Constitution for Citizens of India (JanMitra Samvidhaan)	Sambhram Institute of Technology
42	Mano Renjith S	AGROSENSE: A Smart Rover for Precision Agriculture	Knowledge Institute of Technology
43	Mayur Rajendra Badiger	AI and IoT-Powered Smart Waste Segregation System for Efficient Waste Management	Dr. Ambedkar Institute Of Technology
44	Mohammed Lukhmaan Shariff	Medical Drone a Life saver in Emergency Situtation	BGS Institute of Technology/ACU
45	Mohammed Muflih	A Novel Approach for Weed Detection & classification using Advanced Computational Technique	Sambhram Institute of Technology
46	Mohammed saqlain Z	New Borm Baby Abduction prevention system by using radio frequency band with buzzer alert	Thanthai periyar Government Institute of Technology, Vellore
47	Monisha A	Automated Comprehensive Vehicle damage assessment system	Sambhram Institute of Technology
48	Muthiah Bala Subramaniam	Gesture Home – Smart Home Automation via Gesture Recognition for Disabled People	SASTRA University
49	Muzamil Dilawar wagay	Generate Electricity by Waste Materials	Global Academy Of Technology
50	M Meghana	A Sustainable Approach to Reduce Plastic Pollution and Floating Debris in Rivers and Canals	PES College of Engineering, Mandya
51	M. Hemachandran	Solar-Powered automated Multi-Crop Thresher	J.K.K.Munirajah College of Technology
52	Nagashree DS	A real time sign language recognition system for Bridging Communications	JSS Academy of Technical Education, Bangalore
53	Nagesh N	E-Poshan for Food monitoring and spoilage detection	The Oxford College of Engineering
54	Nandan S	Smart Solid Waste Management System using Machine Learning on Social IoT	PES College of Engineering, Mandya
55	N. NaveenKumar	Mechanized precision Seeding system for small-scale farmers	J.K.K.Munirajah College of Technology
56	Parinitha P	Smart Vision Drop Dispenser	SJC Institute of Technology
57	Pragatheshwaran K S	Innovative Waste Heat Recovery for Sustainable Energy	Thiagarajar College of Engineering
58	Prajwal P Patil	AI-Driven Legal Assistant & Judicial Support System	Global academy of technology
59	Praveen Raja P	EVERYTHING IS EASY WHEN I AM WITH YOU	J K K Munirajah College of Technology, T.N Palyam
60	P.Surya Prakash	Innovative Non-Toxic Fire Suppression: Cost-Effective & energy-Free Protection for Class B & C fires	Ramco Institute of Technology
61	Revanth Sriraj	Vital Link	REVA University
62	Rohan Baiju	Rudra Aero: The Skyborne Guardian	Reva University
63	Rosiya A.S	Ambergris: PMFC in Aerophonics	NPR College of Engineering and Technology
64	Rupesh kumar Gupta	IOT - Based Automated Paralyzed Patient Healthcare System Using Arduino	Sambhram Institute of Technology
65	Saatwik satpathy	Smart shoe for visually impaired people	CMR Institute of Technology

66	SABARIBALA P	Autonomous monitoring and supervision	M.A.M COLLEGE OF ENGINEERING AND TECHNOLOGY
67	Samyuktha S S	THERAFUN: Therapy for Autism & Needing individuals through interactive play	KPR Institute of Engineering and Technology
68	Sanjaykumar R	Smart Gloves in Healthcare: Enhancing Patient-Doctor Communication for the Deaf & Mute	K.S.Rangasamy College of Technology
69	Shashank TM	AI-powered Smart Glasses For Visually Impaired	Sri Krishna Institute of Technology
70	Shashikiran K	Robust Adaptive Cruise Control for Intelligent Vehicles	Sambhram Institute of Technology
71	Shilpa K	Smart Detection Surveillance For Power Systems	Sambhram institute of technology
72	Shivam Mishra	Smart home system for security, Energy management and Air quality monitoring	The LNM Institute of Information Management
73	Shreyas C Manchali	Design & Development of Eco-Friendly low cost infectious Disease controller and preventive device.	Bapuji Institute of Engineering and Technology, Davanagere
74	Shreyas H V	Cardio Care+	G M Institute Of Technology, Davanagere
75	Shreyas M B	Real-Time Air Quality Monitoring for Factories	Jawaharlal Nehru New College of Engineering
76	Shrivatsa K S	HYPER RELIEF	Raja Rajeshwari College Of Engineering (RRCE)
77	Sivamani V	Enhancing Worker Safety: Wearable Health Systems in the Mining Industry	NPR College of Engineering and Technology
78	Solairaja K	Interview Automation	Thiagarajar College of Engineering
79	Sowmyashree H N	Enhanced Smart Health Monitoring Technology	BGS Institute of technology
80	Srinidhi M	Hear Together	REVA University
81	Srijan U	Electric Vehicle Wireless Car Charging Station	BMSIT
82	Sri Varsha R	Intelligent Sleep Monitoring Bed	REVA University
83	Sudalai Muthu	AgriTech: Innovating Agriculture for a Sustainable Future	N P R College Of Engineering And Technology
84	Sumanth N	Designing Analysis and Fabrication of Hybrid Drone	Global Academy of Technology
85	Surabhi	Elderly Assistance and Care Hub	Sambhram Institute of Technology
86	Syed Iman	Real-time Wildfire Detection with Thermal Camera	Malnad College of Engineering, Hassan.
87	S Lokanath	Solar Electric Autorickshaw with Innovative Handle Braking System for Disabled Persons & Women Empowerment	Amrita Vishwa Vidyapeetham
88	Tamilarasan M	NEOCHARGE:Zero waste, Infinite Energy cycle	Knowledge Institution of Technology
89	Thanigavel	Environmental Sustainability: Engineering for a Greener Planet Waste Mangement /recycling systems using AI or Automation	Knowledge Institution of Technology
90	Tharun P A	IoT-Driven Fish Pond Automation: Real-Time Monitoring, Feeding and Health Detection	PES College of Engineering, Mandya
91	Uday S G	Sustainable Management and Utilization of Sugarcane Bagasse Waste	PES College of Engineering, Mandya
92	U Nandini	Environmental Sustainability: Engineering for a Greener Planet	PES College of Engineering, Mandya
93	Varun K S	Smart Agribot	Government Engineering College, Mosalehosahalli
94	Veeresh K G	Using EEG Signals and Machine Learning to Improve the Early Detection of Major Depressive Disorder (MDD)	Sambhram Institute of Technology
95	Velu B	Women's Legal Health and Safety Network	Sambhram Institute of Technology
96	Vidhya G	Adaptive Lane: IoT based road divider for traffic control using ML	Sambhram Institute of Technology
97	Vigneshvaran M	Smart Solar-Powered IoT Agri-Vehicle for Precision Farming	NPR College of Engineering and Technology, Natham Dindigul
98	Vikas I Sali	AI-Powered Smart Irrigation and Precision Farming System	REVA University
99	Vikas K	Advancement in Heat Seeking Missile	UBDT collage of Engineering Davangere/M S Ramaiah
100	Vikash	Automatic Plant irrigation using Soil moisture sensor	RNS Institute of Technology
101	Vikas nayak	Automated Railway Safty for Enhanced Accident Prevenation and Efficiency	Vidhyavardhaka College of Engineering
102	Vishwanatha M	Transforming Drinking Water Analysis with Artificial Intelligence	BGS Institute of Technology/ACU
103	Vrushank S K	Python Frame work for short-term Enbsemble Weather Prediction System	Sri Jagadguru Murugarajendra Institute Of Technology(SJMIT),Chitradurga
104	Yashwanth S	Smart Agricultural Rover	Sambhram Institute of Technology
105	Y C Lokeshwari	Voice-Controlled set top box for enhanced accessibility	REVA University

PROTOTYPE ABSTRACTS HAVE BEEN SHORTLISTED BASED ON INNOVATIVENESS, NOVELTY, APPLICATIONS (SOCIAL IMPACT/ INDUSTRY RELEVANCE), TECHNOLOGY USEFULNESS & RELEVANCE TO DESIGN & INNOVATION.

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 a valid proof.**Mandatory**
14. Kindly bring a passport size photo for further reference.
15. No Accomodation is provided those who are residing in Bengaluru. Student residind outside Bengaluru must carry a set of cloths if selected on the first day.

NOTE:

1. The schedule of the event below is just the brief on how the event scheduled, there might be some changes.
2. The final schedule will be updated in the website.

Please contact for any queries: N C Mookambika - 8618731842, Anil - 9986107099