

Design & Innovation Clinic 2023 - List of shortlisted candidates			
Sl. No	Leader Name	Title	College
1	ADITYA RAO	ease detection in a real environment and setting up autonomous machines in agriculture for re	St. Joseph Engineering college, Mangalore
2	Aditya Sannabhadti	Blockchain based digital identity solution	REVA UNIVERSITY
3	Akash Paul S	Design and Development of Prototype for Computer Vision Based Wheel Alignment	Faculty of Engineering and Technology, Jain (Deemed-to-be) University
4	Ameen	Portable ECG device	REVA University
5	Amit Kumar	Blind-Friendly Shoes Theme: Helping those who can't see the beauty of this world	Bapuji Institute of Engineering and technology
6	Ananth Narayan LS	BusEz	Sai Vidya Institute of Technology - SVIT
7	ANIRUDDH.S	8Multipurpose Smart Bag	REVA UNIVERSITY
8	Anjali R	n and Implementation of Smart Supermarket System for Vision Impaired - Embedded System ar	GSSSIETW College Mysore
9	Anusha B	Mapping of an Indoor Environment using 2D LiDAR and Arlo bot	GSSSIETW, Mysore
10	Arathi M L	ANTI SMUGGLING SYSTEM FOR SAVING THE TREES	Sambhram Institute of Technology
11	Ashray A	Developing a low-cost Solar Tracker for Solar Panel Arrays	Ramaiah University of Applied Sciences
12	Atharva Linge	Generative Design On Yamaha R1 Swing Arm	A.P Shah Institute Of Technology
13	Athish Sagar Kishan	PGEN Shoes (Power Generating Shoes)	GSKSITI, K R Circle
14	AV OMKAR	esign and development of secured RFID based health card for integrated various health service	REVA University
15	Ayush Kumar	Project GraviCore-Sustainable Energy Storage through the force of Gravity	Birla Institute of Technology, Mesra
16	BASAVARAJA M B	SPEED CONTROL OF DC MOTOR USING WIRELESS CONTROLLER	Government Engineering College Mosalehosahalli Hassan
17	Bharath A E	Facial Emotion Recognition	BGS Institute of Technology
18	Bhavana R	AIDE MEMOIER	Vidya Vikas Institute of Engineering & Technology
19	BHIMESH I MUGALAKHOD	DEVELOPMENT OF RAILWAY TRACK CRACK DETECTION AND MANAGEMENT SYSTEM USING IOT	GOVT ENGI COLLEGE RAMANAGARA
20	BINDU K B	Theme: Crack detection RAILWAY TRACK CRACK DETECTION	Government Engineering College Mosalehosahalli Hassan
21	BINDU V R	Efficient Electronic Nasal Pod for air pollutants Detection	BGS Institute of Technology
22	BK RENUSHREE	Alzheimer Disease	GSSSIETW College Mysore
23	Brunda Raj G K	NEST MASTER	GSKSITI, KRCircle
24	CHETAN KUMAR C K	RESHME SIRI	GOVERNMENT ENGINEERING COLLEGE MOSALEHOSAHALLI,HASSAN
25	Chethan K	SMART RO WATER DISPENSER	VIDYA VIKAS INSTITUTE OF TECHNOLOGY AND ENGINEERING
26	Dileepa H K	hree phase fault analysis with Auto Reset for temporary fault and Tripping for permanent fault	Government Engineering College Mosalehosahalli Hassan
27	Dinu P D	i-speculum	JNNCE, Shimoga
28	DISHA T S	SMART AUTOMATIC CRADLE SYSTEM USING IOT	BGS INSITUITE OF TECHNOLOGY
29	Divya Kalash	Crown Monkey	BMS Institute Of Technology/VTU
30	EKTA DASH	VISION BEYOND SIGHT	GSKSITI
31	GAGAN V NAIDU	(Alternative methods to generate electricity)	Atria Institute of Technology
32	GANESH BIRADAR	DESIGN AND FABRICATION OF FLYWHEEL POWERED BICYCLE	Siddaganga Institute of Technology, Tumakuru
33	Gurusiddayya S G	Team Weeders A Novel Biological Process for Eradication of Water Hyacinth	KLE Technological University
34	JAYATEERTH V KULKARNI	Team Explorers Smart Shopping Cart	REVA University
35	Kurakalva Vamsi Krishna	COMBAT UAV H-BOT	Sri Venkateswara College Of Engineering
36	LIKITH R	SMART AUTOMATIC CRADLE SYSTEM USING IOT	BGS INSITUITE OF TECHNOLOGY

37	Manjunath J	Smart waste segregator with organic fertilizer production	SAMBHRAM INSTITUTE OF TECHNOLOGY
38	MANOJ K M	IMPLEMENTATION OF AES (Advanced Encryption Standard) ALGORITHM USING VERILOG FOR CF	GEC Mosalehosahalli/VTU
39	MOHAMMED MAAZ	ELECTRIC STREET CART WITH ECO-FRIDGE SYSTEM	Kalpataru Institute of Technology, Tiptur
40	Mohammed Usman	Design and Fabrication of Coconut Tree Climbing System	Vidyavardhaka college of Engineering
41	Monish Kumar G	Farm Protection System	Atria Institute of Technology
42	Mr. Madwesh J Devadiga	MC ² : Mecanum Control and Coordination - Navigating the Future of Mecanum Robots	NMAMIT, Nitte, Mangalore
43	Nagendra Prasad G	Multimaker Foldable ModuMach Team Name: - Manufacturing Mavericks	Channabasaveshwara Institute of Technology
44	Narayanaswamy K L	Fabrication of vortex flame rocket stove with forced air flame controller	Sapthagiri Clg of Engg\ VTU
45	PARDHA SARADHI G	AUTOMATED POTHOLE DETECTION AND RESTORATION USING IoT	JSSATE-B
46	PAVAN S GOWDA	Theme: Brain-computer interfaces (BCIs) BRAIN CONTROLLED DEVICE USING ARDUINO UNO AND ULTRASONIC SENSOR	SJB Institute of Technology
47	Pavithra H A	Smart drugs: Medication Reminder and Dispenser for Alzheimer Patients	GSSS Institute Engineering and Technology for women
48	Pramod Kumar H	Industry Pipe Cleaning and Inspection Robot	Sapthagiri College of Engineering/ Visvesvaraya Technological University
49	Pramod Raju B	Robotic Wall Painter	Don Bosco Institute of technology / Acharya Institute of Technology
50	Prateek P Jigalore	Live Subtitle Glasses for Deaf People	Sapthagiri college of engineering
51	Preethi Gowri D S	Automated Connected vehicles for Intelligent Transportation	SIDDAGANGA INSTITUTE OF TECHNOLOGY , TUMAKURU
52	PS SUDARSHAN RAO	Electronic hydraulic jack and integrated tyre puncturing system	GLOBAL ACADEMY OF TECHNOLOGY
53	Punith P	Intelligent Fire Combat Vehicle (IFCV)	Don Bosco Institute of Technology
54	Rahul G	Design and Development of Semi automated Trash Collecting Machine	M.S. Ramaiah University of Applied Sciences
55	Rakshith Nr	Fabrication Mobile controlled multipurpose wheelchair for differently able person	BGS Institute of Technology
56	RASHMI R	IMAGE BASED VEHICLE DAMAGE AND ROAD CONDITION PREDICTION	Government engineering college mosale hosalli
57	Roopesh G L	IOT-based Smart clip	Ramaiah Institute of Technology
58	Sagar Shekar	Design And Development of Thermocycler Used in Dental Research	M S Ramaiah Institute of Technology
59	SAGAR.S.T	Theme: Newer techniques in treating Breast cancer Breast Cancer Classification using Machine Learning	SAMBHRAM INSITUTE OF TECHNOLOGY
60	Sahana S	IoT Based Arm Rehab Monitoring Device Using Wearable Sensors	GSSSIETW
61	Samarth N	FABRICATION OF LOW COST AND PORTABLE CNC MACHINE	Channabasaveshwara Institute of Technology
62	Sandeep Prakash G	TURN-OFF INDICATORS IN TWO/THREE WHEELERS BY ANGULAR MEASUREMENT USING A COM	New Horizon College of Engineering
63	Sanjay J M	Fabrication of road pothole detecting prototype machine	BGS Institute of Technology
64	Sathmikan I	Electrical Chambers Smart Hybrid Solar Electrical Vehicle	Sri Sairam Engineering College
65	SHASHANTH NAG N	THERMO ELECTRICITY GENERATION FROM WASTE MATERIAL	Don Bosco Institute of technology / Reva
66	Shivakumara H H	Implimentation of under and over voltage protection	Government engineering college mosale hosalli
67	Shreyas.R	Automated Platform Safety Gates for Metro Using Recycled Plastic Ropes	Sapthagiri College of Engineering
68	Shwetha N	Detection of Lumpy Diseases in Cow Using Deep Learning Algorithms	BGS Institute of Technology
69	SOURABH SHET	Health Monitoring System With Medicine Box Old Age People And Physically Handicapped	KLS Vishwanathrao Deshpande Institute Of Technology,Haliyal- 581329,Dist:Uttara Kannada
70	Suhas R	Theme: AGRICULTURE IoT and Wireless sensor networking-based autonomous farming robot	BGS Institute of Technology
71	Surag m	TEAM COMPOSIT STING AND ANALYSIS OF 3D PRINTED OBJECTS BUILT USING COMPOSITE MATERIAL AS FEEDSTO	Vidyavardhaka collage of engineering / VTU
72	SURAJ G	Multipurpose Smart Bag	REVA UNIVERSITY
73	Syed Saqib Ahemd	Synthesis and Analysis of 3D Printing Resin using Waste Cooking Oil	Vidyavardhaka college of Engineering
74	Tahir Ahmad	Automation of airport baggage system	Acharya Institute of Technology / Don Bosco Institute of technology

75	Tejaswini D	CHAKRASANDHA-A simplified way of living for confined	Sambhram institute of technology
76	Vaishnavi K H	Graphical Password Authentication	BGSIT
77	Vighneshkumar Uttarkar	Design and Analysis of Antennas for 5G Applications	BMS College of Engineering
78	Vignesh Raj NM	Theme: Medical Devices Affordable Patient Lifting apparatus for use in Indian Hospitals	RNSIT
79	VIKAS A VASTRAD	AI-Graphene Electrochemical Devices	Bapuji Institute of Engineering and Technology
80	Vinit V Shenvi	Kamikaze Vritra Self Destructing UAV for defence purposes	M S Ramaiah Institute of Technology
81	Vishal G Nair	Cargo Cruiser	PES University
82	Vishal Male	Bio-inspired copper plated 3D-printed honeycomb structured ball for water treatment	IIT JAMMU
83	Yamini Seelam	Design and development of smart 3D printed-ankle splint Patient-friendly 3D-printed Smart splint for ankle immobilisation	IIT JAMMU
84	YASHAS GOWDA P	TAP WATER POWER GENERATION	DON BOSCO INSTITUTE OF TECHNOLOGY
85	Yashwanth B G	DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURE EQUIPMENT	Channabasaveshwara Instite of Technology
86	Yashwanth. N	ARECANUT HARVESTING AND SPRAYING MACHINE	Kalpataru Institute Of Technology, Tiptur

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. 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