



A Report on

IoT Design Challenge 2.0

Organized by :

Electronics and Communication Engineering Department,
Sarvajnik College of Engineering and Technology, Surat

Faculty coordinators: Prof. (Dr.) Nehal Shah, Prof. (Dr.) Vandana Shah and Prof. (Dr.) Dhiren Bhagat.

Jury Panel:- Mr. Mrugesh Patel and Mr. Priyank Trivedi

Student coordinators: Afreen Amroliwala and Diya Patel.

Date: 19th October 2024.

Time: From 9:00 a.m. onwards.

Venue: A/V Room, ECE Department, SCET.

Key Highlights of the Event

Participants:

Students from various departments such as Information technology, Computer, Artificial intelligence and data science, Electronics and communications and Instrumentation and control engineering from SCET participated in the competition. 24 teams participated for the event with 80+ participants. There was even participation from outside of SCET that is from Bhagwan Mahavir University which shows the diversity among the participants.

About Workshop:

IoT Design Challenge was held on 19th October 2024 at ECE Department, SCET in collaboration with Institution of Electronics and Telecom Engineers (IETE) Surat sub center and R&D Cell, SCET.. The event was a resounding success, bringing together students, faculty, and industry professional for a day of learning, inspiration, and collaboration.

Key Highlights:

Engaging Posters:-

All the students presented their captivating prototypes along with posters containing Block Diagrams and Outputs. Judges also keenly listened to the participants and gave their valuable feedbacks.

Networking Opportunities: The event provided ample networking opportunities, allowing attendees to connect with the speaker, faculty members, and peers. These connections are crucial



for fostering collaboration and future partnerships.

Projects Presented: Participants showcased a variety of IoT projects, including:

- 1) Smart Parking System
- 2) Smart attendance system
- 3) Traffic management system
- 4) Patient health monitoring system

Winners: The competition concluded with awards for the top three projects:

- 1) 1st Place:- Ansh Dobariya , Sarthak Bosamiya, Jeel Ramani, Khushi Harkhani
for Park Assist
- 2) 2nd Place:- Naninesh Gurav, Arya Kavani for Park Genius
- 3) 3rd Place :- Rituraj Singh, Parmar Ayush, Patel Abhishek for TantraSrishti
- 4) Special appreciation:- Utsav Vachhani, Jay Ganjawala, Jil Rupani, Sujal Thakkar
- 5) Special appreciation:- Jeel Ramani , Ansh Dobariya
- 6) Special appreciation:- Sahil Goti, Drashti Domadiya, Shruti Savani



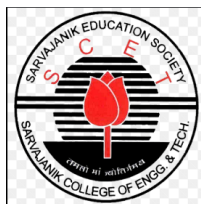
Participants:-

Sr. No.	Name of Students
1	Gurav Nainesh Rajeshbhai Arya Kavani
2	Utsav Vachhani Jay Ganjawala Jil Rupani Sujal Thakkar
3	Rajbhoi Dev Sunilbhai Soni Rahul Sujal Pandav Krish Gandhi
4	Patel Meet Patel Meetkumar Rupareliya Vraj Valiya Kevin

5	Preet Shah Abhilash Banarjee Priyanshu Singh Aaditya Joshi
6	Abhilash Banerjee Aaditya Joshi Priyanshu Singh Vishwaraj Singh Gohil
7	Nikhil gelani Aryan Bandhiya Smit donga Vinit magukiya
8	Vatsal Makwana Vinit Kotadia Panchal Aayush Saad Jariwala

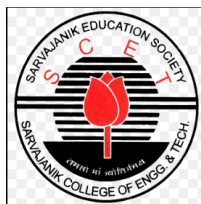


9	Jash charodiya	14	Jay Patel
	Tanvi Chovatia		Abhi Patel
	Himaja Jadvani		Manan Patel
	Jenish Sonani		Dhruv Devani
10	Jay Reshamwala	15	Vaishnavi Patel
	Sujal Parmar		Hetvi Lad
	Yash Chauhan		Hina Padsala
	Parth Rana		Vishwa Jariwala
11	Sahil Goti	16	Rituraj singh
	Drashti Domadiya		Parmar Aayush
	Shruti Savani		Patel Abhishek Sureshbhai
12	Vatsal Sanghani	17	Tanisha Agarwal
	Het Sheta		Parth Kadu
	Mihit Bharodiya		Vishvam Joshi
	Kuldip Khuman		Shruti Desai
13	Pujari Mehul	18	Jeel Maniya
	Raval alok		Yash Khunt
			Desai Umang
			Vishv Moradiya




19	Tiwari Kanak Suraj
	DHRUVIN N BAROT
	Balane Sindhuja Srinivas
20	Bhavy Gandhi
21	Hill akbari
	Hardik solanki
	Meet soni
22	Tej Patel
	Om Kumbhare
	Prayag Joshi
23	Trupal mendapara
	Jenish Makwana
	Hardik Sojitra
	Sujal Ghadiya

24	Dvijesha Prajapati
	Nidhi Sakariya
	Neha Sharma
	Vidhi Parmar
	Chabhadiya
25	Himanshunhai
26	Jeel Ramani
	Ansh Dobariya
27	Ansh Dobariya
	Sarthak Bosamiya
	Jeel Ramani
	Khushi Harkhani



Poster:-



The poster is for the 'IOT DESIGN CHALLENGE 2.0' organized by the Electronics and Communication Engineering Department at Sarvajnik College of Engineering and Technology, Surat. It features a dark blue background with white and yellow text. At the top, there are three logos: Sarvajnik Education Society, IETE, and Sarvajnik University. The main title 'IOT DESIGN CHALLENGE 2.0' is in large, bold, white letters. Below it, the date 'OCTOBER 19TH, 2024' and time 'TIME: 09:00 AM- 12:00 PM' are listed. The venue 'VENUE: EC AV ROOM' is also mentioned. A QR code is displayed in the center, with a person's silhouette scanning it. To the right of the QR code, the names of the faculty coordinator, head of department, and student coordinator are listed. The rules of the challenge are listed on the left side. The bottom of the poster features a stylized illustration of a person sitting at a desk with a computer, surrounded by various icons representing technology and communication.

Electronics and Communication Engineering Department
(Re-Accredited by NBA, New Delhi for 3 years, W.E.F 1 July 2022)
Sarvajnik College of Engineering and Technology, Surat
In association with R&D cell, SCET
Organizes

STATE LEVEL

IOT DESIGN CHALLENGE 2.0

OCTOBER 19TH, 2024
TIME: 09:00 AM- 12:00 PM
VENUE: EC AV ROOM

RULES:

- PARTICIPATION IS IN A GROUP
- MAX. 4 STUDENTS/GROUP
- POSTER MUST BE PREPARED FOR PRESENTATION COMPRISES OF GROUP DETAILS, BLOCK DIAGRAM, BRIEF EXPLANATION AND OTHER TECHNICALITIES
- ALL GROUPS MUST REPORT AT 9:00AM AT THE VENUE

FACULTY COORDINATOR:
DR. NEHAL SHAH
DR. VANDANA SHAH
DR. DHIREN BHAGAT

HEAD OF DEPARTMENT:
PROF. (DR.) CHIRAG PAUNWALA

STUDENT COORDINATOR:
AFREEN AMROLIWALA
(9426712770)
DIYA PATEL
(7383665156)



Pictures:-







