



**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Institute Innovatio Council

**SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**

R E P O R T of EVENT

“Workshop on AI and I4.0 Tools for Innovators and Entrepreneurs”

Topic: IIOT Workshop

Proposed by

Instrumentation and Control Department

Date: 13th October, 2025

Time: 9:30 to 4:30 pm

ORGANIZED BY

INSTITUTE INNOVATION CELL - SCET

Faculty Coordinators

Prof. Tejal Joshi

Prof. Jayana Rana

Head of Department

Dr. Brijesh Naik

Student Coordinators

Bhavya Bodhanian

Krushang Prajapati

Event Highlights

The Team

HoD	:	Dr. Brijesh Naik
IIC Cell – SCET	:	Dr. Utpal Pandya, President, IIC-SCET
Student Coordinators	:	Bhavya Bodhanian -EC Dept Krushang Prajapati
Faculty Coordinator	:	Dr. Tejal Joshi , Prof Jayana Rana

Details of Event

Event Type	:	University / Institute Level Program
Event Platform	:	Sarvajanik College of Engineering & Technology (SCET)
Category	:	
Event	:	IIOT Workshop
Schedule	:	13 th October, 2025 (9:30 am to 4:30 pm) Embedded lab, I&C department, SCET
Aspirants	:	UG and PG students of Sarvajanik College of Engineering & Technology, SCET
Accessibility	:	Open to all (Students/Faculty members)
Registered Entry	:	26 registered entries

About the Event

Unawareness of recent technological trends for industries. Students are unaware about Industrial Internet of Things technology and implementation of IOT in engineering projects. The integration of the Internet of Things (IoT) is vital for developing industry-relevant skills in students who are innovators and desired to be enterprenuer and preparing them for a future where connected devices are ubiquitous.

The Instrumentation & Control Department has successfully organized a workshop of IIOT on 13th October, 2025 with the goal of covering basics of IOT with various sensor integration with Microcontroller which can help student increasing their participation in different Robotic and IOT competition. There were total 28 registered entries, but 26 participants actively took part in the workshop. The event was sponsored by IETE. So few members were there from IETE .Four different faculties conducted different sessions from morning to evening.

Summary and objective of Activities planned for Event

Objective of the Workshop:

- 1) Introduce the innovator students about the application of IIOT in various fields
- 2) To give hands on training on esp8266 and integrate with Blynk, Thingspeak and Adafruit IO.
- 3) To show live monitoring of sensor data and controlling through mobile and web.

Outcomes of Workshop

Hands-on exercises were integrated throughout the workshop. This approach allowed participants to reinforce their understanding and gain confidence in developing their IOT applications.

- 1) Students learned to develop web and mobile interface in IOT platforms.
- 2) Participants learned how to prepare Arduino IDE by downloading useful libraries for using ESP826612E
- 3) The event encouraged students to develop IOT applications in robotics and Agriculture field.

Attendance of Students

Morning Attendance									
Sl. No.	Name	Roll No.	Branch	Section	Phone No.	Signature	Sl. No.	Name	Roll No.
1	Aryan Singh	ET23BTIC026	IC	8780995797	8780995797		1	Aryan Singh	ET23BTIC026
2	Shiv Patel	ET23BTIC020	Instrur	8980609705	8980609705		2	Shiv Patel	ET23BTIC020
3	Vijay b vyas	ET25BTIC036	Instrur	8799562804	8799562804		3	Vijay b vyas	ET25BTIC036
4	VELARI ARYAN R.	ET23BTIC029	I&C	9698477474	9698477474		4	VELARI ARYAN R.	ET23BTIC029
5	Dharmi Zazadiya	ET24BTIC070	Ec	9998840650	9998840650		5	Dharmi Zazadiya	ET24BTIC070
6	JAY RASANIYA	ET24BTIC049	Ec	7863897006	7863897006		6	JAY RASANIYA	ET24BTIC049
7	Henil Goyani	ET23BTIC009	IC	8799606371	8799606371		7	Henil Goyani	ET23BTIC009
8	Yug Kahar	ET23BTIC013	Instrur	8866692287	8866692287		8	Yug Kahar	ET23BTIC013
9	Sakshi Thakkar	ET23BTIC028	Instrur	7622005065	7622005065		9	Sakshi Thakkar	ET23BTIC028
10	Jeel amrutya niteshbhai	ET23BTIC001	Instrur	6351082475	6351082475		10	Jeel amrutya niteshbhai	ET23BTIC001
11	Vyas Pruthvi Dhananjay	ET24BTIC030	Instrur	6352452819	6352452819		11	Vyas Pruthvi Dhananjay	ET24BTIC030
12	Mistry Rudra	ET24IMCA029	IMCA	7016353972	7016353972		12	Mistry Rudra	ET24IMCA029
13	Kevin babariya	ET23BTIC002	Instrur	9328258303	9328258303		13	Kevin babariya	ET23BTIC002
14	Shaikh Mohammad Affan Mohd	ET24BTIC031	IC	9173064699	9173064699		14	Shaikh Mohammad Affan Mohd	ET24BTIC031
15	Kachiya Nihal Ishvarbhai	ET24BTIC015	Instrur	7698487204	7698487204		15	Kachiya Nihal Ishvarbhai	ET24BTIC015
16	Bhumit Jagdishbhai Virani	ET24BTIC035	Instrur	9727260825	9727260825		16	Bhumit Jagdishbhai Virani	ET24BTIC035
17	Dheya Mayurkumar Patel	ET24BTIC010	Instrur	9328522566	9328522566		17	Dheya Mayurkumar Patel	ET24BTIC010
18	Neel Korgaonkar	ET24BTIC017	Instrur	7060629411	7060629411		18	Neel Korgaonkar	ET24BTIC017
19	Jarwala Dev Snehaikumar	ET24BTIC014	Instrur	8140328399	8140328399		19	Jarwala Dev Snehaikumar	ET24BTIC014
20	Indrani Kulkarni	ET23BTIC011	IC	8160785262	8160785262		20	Indrani Kulkarni	ET23BTIC011
21	Devarshi Patel	ET24BTIC009	IC	7698898021	7698898021		21	Devarshi Patel	ET24BTIC009
22	Deep Rakeshbhai Shah	ET24BTIC007	Instrur	6355271007	6355271007		22	Deep Rakeshbhai Shah	ET24BTIC007
23	Modi Fenish	ET24BTIC033	EC	9227019430	9227019430		23	Modi Fenish	ET24BTIC033
24	Jemil Sureshbhai Vekariya	ET24BTIC034	Instrur	9727260825	9727260825		24	Jemil Sureshbhai Vekariya	ET24BTIC034
25	Harshil sonani	ET24BTIC032	Instrur	9099309410	9099309410		25	Harshil sonani	ET24BTIC032
26	Meet Manishkumar Patel	ET24BTIC028	IC	8200462486	8200462486		26	Meet Manishkumar Patel	ET24BTIC028
27	Rohitkumar Prajapati	ET23BTIC021	I.C	7318599028	7318599028		27	Rohitkumar Prajapati	ET23BTIC021
28	Balram sondagar	ET24BTIC058	Ec	8980006599	8980006599		28	Balram sondagar	ET24BTIC058
29	Hitarshu Desai	IC	9825865655	9825865655	9825865655		29	Hitarshu Desai	IC
30	pruthvi bhagat	ET24BTIC002	EC	9824137638	9824137638		30	pruthvi bhagat	ET24BTIC002

After lunch attendance									
Sl. No.	Name	Roll No.	Branch	Section	Phone No.	Signature	Sl. No.	Name	Roll No.
1	Aryan Singh	ET23BTIC026	IC	8780995797	8780995797		1	Aryan Singh	ET23BTIC026
2	Shiv Patel	ET23BTIC020	Instrur	8980609705	8980609705		2	Shiv Patel	ET23BTIC020
3	Vijay b vyas	ET25BTIC036	Instrur	8799562804	8799562804		3	Vijay b vyas	ET25BTIC036
4	VELARI ARYAN R.	ET23BTIC029	I&C	9698477474	9698477474		4	VELARI ARYAN R.	ET23BTIC029
5	Dharmi Zazadiya	ET24BTIC070	Ec	9998840650	9998840650		5	Dharmi Zazadiya	ET24BTIC070
6	JAY RASANIYA	ET24BTIC049	Ec	7863897006	7863897006		6	JAY RASANIYA	ET24BTIC049
7	Henil Goyani	ET23BTIC009	IC	8799606371	8799606371		7	Henil Goyani	ET23BTIC009
8	Yug Kahar	ET23BTIC013	Instrur	8866692287	8866692287		8	Yug Kahar	ET23BTIC013
9	Sakshi Thakkar	ET23BTIC028	Instrur	7622005065	7622005065		9	Sakshi Thakkar	ET23BTIC028
10	Jeel amrutya niteshbhai	ET23BTIC001	Instrur	6351082475	6351082475		10	Jeel amrutya niteshbhai	ET23BTIC001
11	Vyas Pruthvi Dhananjay	ET24BTIC030	Instrur	6352452819	6352452819		11	Vyas Pruthvi Dhananjay	ET24BTIC030
12	Mistry Rudra	ET24IMCA029	IMCA	7016353972	7016353972		12	Mistry Rudra	ET24IMCA029
13	Kevin babariya	ET23BTIC002	Instrur	9328258303	9328258303		13	Kevin babariya	ET23BTIC002
14	Shaikh Mohammad Affan Mohd	ET24BTIC031	IC	9173064699	9173064699		14	Shaikh Mohammad Affan Mohd	ET24BTIC031
15	Kachiya Nihal Ishvarbhai	ET24BTIC015	Instrur	7698487204	7698487204		15	Kachiya Nihal Ishvarbhai	ET24BTIC015
16	Bhumit Jagdishbhai Virani	ET24BTIC035	Instrur	9727260825	9727260825		16	Bhumit Jagdishbhai Virani	ET24BTIC035
17	Dheya Mayurkumar Patel	ET24BTIC010	Instrur	9328522566	9328522566		17	Dheya Mayurkumar Patel	ET24BTIC010
18	Neel Korgaonkar	ET24BTIC017	Instrur	7060629411	7060629411		18	Neel Korgaonkar	ET24BTIC017
19	Jarwala Dev Snehaikumar	ET24BTIC014	Instrur	8140328399	8140328399		19	Jarwala Dev Snehaikumar	ET24BTIC014
20	Indrani Kulkarni	ET23BTIC011	IC	8160785262	8160785262		20	Indrani Kulkarni	ET23BTIC011
21	Devarshi Patel	ET24BTIC009	IC	7698898021	7698898021		21	Devarshi Patel	ET24BTIC009
22	Deep Rakeshbhai Shah	ET24BTIC007	Instrur	6355271007	6355271007		22	Deep Rakeshbhai Shah	ET24BTIC007
23	Modi Fenish	ET24BTIC033	EC	9227019430	9227019430		23	Modi Fenish	ET24BTIC033
24	Jemil Sureshbhai Vekariya	ET24BTIC034	Instrur	9727260825	9727260825		24	Jemil Sureshbhai Vekariya	ET24BTIC034
25	Harshil sonani	ET24BTIC032	Instrur	9099309410	9099309410		25	Harshil sonani	ET24BTIC032
26	Meet Manishkumar Patel	ET24BTIC028	IC	8200462486	8200462486		26	Meet Manishkumar Patel	ET24BTIC028
27	Rohitkumar Prajapati	ET23BTIC021	I.C	7318599028	7318599028		27	Rohitkumar Prajapati	ET23BTIC021
28	Balram sondagar	ET24BTIC058	Ec	8980006599	8980006599		28	Balram sondagar	ET24BTIC058
29	Hitarshu Desai	IC	9825865655	9825865655	9825865655		29	Hitarshu Desai	IC
30	pruthvi bhagat	ET24BTIC002	EC	9824137638	9824137638		30	pruthvi bhagat	ET24BTIC002

Glimpses of Event



Compiled and Prepared By
Dr. Tejal Joshi