

Sardar Vallabhbhai Patel Institute of Technology, Vasad

MCA Department

A report of Workshop on

“Internet of Things (IoT)”

held on 22/02/2024

VYOM 2024

A workshop on “Internet of Things (IoT)”

MCA Department of SVIT, Vasad had organized a one day state level technical fest, **VYOM 2024** on 22nd February, 2024. This technical fest VYOM 2024 is based on the theme **Industry 4.0**. An account of the Industry 4.0 theme, different workshops such as *Mobile Application Development*, *Internet of Things (IoT)* and *Machine Learning* have been arranged for the participants to enhance their technical knowledge in the respective domain.

The workshop on “**Internet of Things (IoT)**” was conducted by the expert **Prof. Zankhana Bhatt**, Assistant Professor, MCA Department, SVIT-Vasad. The duration of the workshop was 2 hours. Total 7 students of various colleges had actively participated in the workshop.

The workshop intended on student’s solid introductory knowledge on IoT and its application development. IOT is the idea of making devices (namely sensors, actuators and other objects) smarter by linking them to the internet. The “Internet of Things” workshop provide participants to learn about IoT Architecture and Layering Concepts, IoT platform, Wireless sensor networks and IoT Application development. This workshop provides hand-on session on IoT Application development using Arduino platform.

The following topics were covered during workshop that eventually helped students with their live projects to grasp concepts for developing IoT based applications.

- Basics concepts of IoT
- Types of sensors and its usage
- Introduction of Arduino IDE
- Interfacing sensors with Arduino
- Programming in Arduino.
- Implementation of IoT application

All the participants were awarded with the certificate at the end of the workshop.





Attendees

**Sardar Vallabhbai Pael Institute of Technology - Vasad
MCA Department
VYOM - 2024**

Workshop (Internet of Things) Attendance Sheet

Date: 22/02/2024

Sr. No	Participant's Name	College name	Signature
✓ 1	Aum kishankumar Prajapati	SVICA	<i>[Signature]</i>
✓ 2	Harshil Alpeshbhai Bhimani	V.P. & R.P.T.P Science College	<i>[Signature]</i>
✓ 3	KRISHNA ALPESHKUMAR CHAVDA	SVICA	<i>[Signature]</i>
✗ 4	Mohan Tejaskumar Rami	V.P. & R.P.T.P Science College	<i>[Signature]</i>
✓ 5	Om Anilbhai Patel	SVICA	<i>[Signature]</i>
✓ 6	Prajapati Jinal Ashokbhai	V.P. & R.P.T.P Science College	<i>[Signature]</i>
✗ 7	Prince Parmar	SVICA	
✓ 8	sahil Rakholiya	SVICA	<i>[Signature]</i>
9	Tarun Kishanbhai Rami	SVICA	<i>[Signature]</i>
10	Tarun Kishanbhai Rami	SVICA	<i>[Signature]</i>