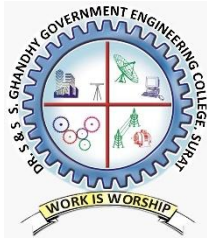


Dr. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE – SURAT



SSIP 2.0 & DIC Cell Organizes

“Innovative Automation Excellence with IOT”

The “**Innovative Automation Excellence with IoT**” workshop is designed to provide participants with hands-on exposure to the latest trends and practical applications of Internet of Things (IoT) in the field of industrial and home automation. Through expert sessions, live demonstrations, and interactive activities, the workshop aims to build participants’ skills in IoT-based system design, sensor integration, and automation control, empowering them to develop smart and efficient solutions for real-world challenges.

Objectives:

- To introduce the fundamentals and architecture of IoT systems.
- To explore the role of IoT in modern automation technologies.
- To provide practical knowledge of IoT platforms and devices.
- To develop participants’ ability to design and implement IoT-based automation projects.

Date: 19/09/2025 & 20/09/2025

Time: 11:00 AM onwards

Venue: E-201 & E-102

Organized by: Electrical Engineering Department, DGGEC- Surat

Students need to register for the event and the event registration Link is:

<https://forms.gle/NP52MHLoSDxTgMXp9>

For further details contact **Dr. Dhruva Patel**, Assistant Professor, at Electrical Engineering Department, Email ID: dhruva.gec@gmail.com.

SSIP 2.0 & DIC cell

REPORT

Hands on Workshop on “Innovative Automation Excellence with IOT”

A Workshop on “**Innovative Automation Excellence with IOT**” was organized by the Electrical Engineering Department under the SSIP 2.0 & DIC cell of the institute. Students of semester-3 had participated in the workshop. It is coordinated by Dr. D. M. Patel, Assistant Prof, EED. It was conducted by **Mr. Niyanta Desai, Industrial Expert (SSM INFOTECH SOLUTIONS PVT.LTD)** on **19/09/2025 & 20/09/2025** during 11:00 am to 5:00 pm in Electrical Department room No-201 and Room No. 102. Total of 50 students of Semester 3 had participated in the workshop.

Various topics related to Automation used for the control of process were covered in the workshop. All the topics covered with expert’s depth knowledge are helpful for the students for their future carrier enhancement and in innovation.

Topic covered during workshop:

Fundamentals and Architecture of IoT systems,

Modern Automation Technologies

Real-world applications

Case studies

Hand on Demonstration

Interactive session/Q&A

Event Photos:



