



# **Report**

**on**

## **“LabVIEW Training Program”**

**06-07 MAY, 2025**

**Coordinator: Prof. G. D. Makwana**  
**Co-coordinator: Prof. Ritisha Bhatt**

GTU- School of Engineering and Technology organized two days training program on “LabVIEW” during 06-07 May, 2025 by Rudraksha Technologies, Indore.

### **1. Introduction**

Rudraksha Technologies, Indore, in alignment with its commitment to advancing technical education and skill development, organized a comprehensive 2-day training session on LabVIEW for engineering students and professionals. The training was designed to provide hands-on experience and fundamental understanding of graphical programming using LabVIEW.

### **2. Objective of the Training**

- The primary objectives of the LabVIEW training session were:
- To introduce participants to the LabVIEW environment.
- To build foundational and advanced skills in graphical programming.
- To equip attendees with the knowledge required to develop simple to moderately complex LabVIEW applications.
- To provide practical exposure using DAQ hardware for data acquisition.
- To enhance problem-solving skills through real-time exercises and assessments.

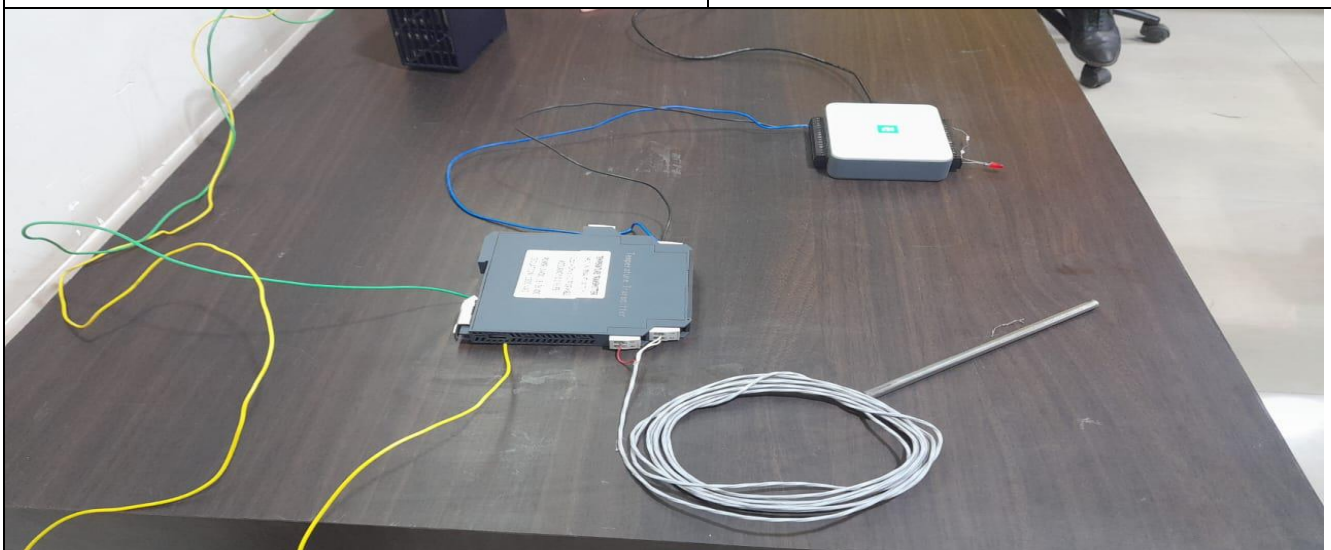
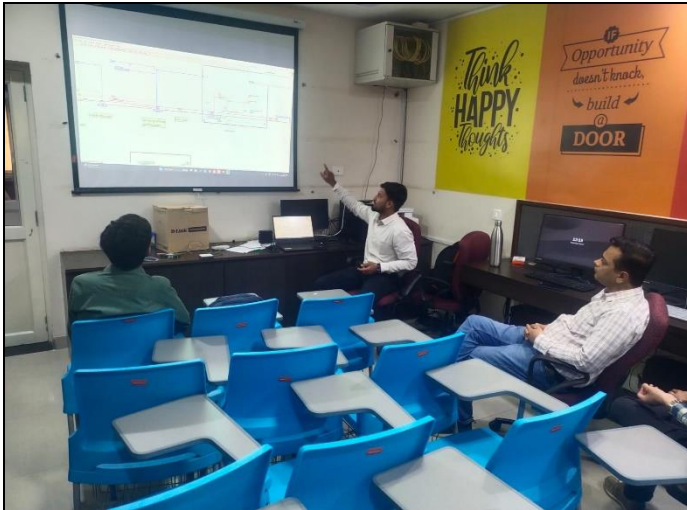
### **3. Topics Covered:**

- Module 1 Introduction to LabVIEW and its environment
- Module 2 Understanding data types and their usage
- Module 3 Working with structures, loops, and event programming
- Module 4 Practical Project: Building a simple LabVIEW application
- Module 5 Handling variables, arrays, and clusters
- Module 6 File read/write operations in LabVIEW
- Module 7 File handling implementation
- Module 8 Acquiring temperature data using DAQ hardware
- Module 9 Creating and deploying LabVIEW executable applications
- Module 10 Quizzes, assessments, and troubleshooting exercises

#### 4. Conclusion

This LabVIEW training is an initiative aimed at enhancing practical programming skills among participants, preparing them for both academic and industry-level projects involving instrumentation, automation, and data acquisition.

We look forward to a successful training session and continued collaboration with the hosting institution.



**Details of the Participants**

<b>No.</b>	<b>Full Name</b>	<b>Designation</b>	<b>Name of Organization</b>
1	Prof.Gautam D. Makwana	Associate Professor	GTU - School of Engineering and Technology
2	Prof. S.K.Hadia	Associate Professor	GTU - School of Engineering and Technology
3	Prof. Komal Borisagar	Associate Professor	GTU - School of Engineering and Technology
4	Prof. Ritisha Bhatt	Assistant Professor	GTU - School of Engineering and Technology
5	Prof. Sanjeev Sakhiya	Assistant Professor	GTU - School of Engineering and Technology
6.	Sejal Vyas	Phd Scholar	GTU - School of Engineering and Technology
7.	Sushilkumar Dangiya	Phd Scholar	GTU - School of Engineering and Technology
8.	Bharat Darji	Lab Technician	GTU - School of Engineering and Technology
9.	Nidhi Jha	Phd Scholar	GTU - School of Engineering and Technology