

Electrical Engineering Department

1.	Name of the Program	LabVIEW APPLICATIONS IN ENGINEERING
2.	TAC No.	EE-7
3.	Dates	12/01/2026 to 16/01/2026
4.	Venue	NITTTR, Chandigarh
5.	Target Group	Faculty and Technical Personnel of Engineering and Polytechnic Colleges
6.	Course Coordinators	Prof. Lini Mathew
7.	Objectives/ Learning Outcomes	This course will familiarize the various applications of LabVIEW in engineering. The participants shall be apprised about the various concepts and facilities in the software such as structures, arrays, clusters, subVI and also Arduino interface and data acquisition using LabVIEW.
8.	Course Contents	<ul style="list-style-type: none"> ➤ Introduction to LabVIEW Programming ➤ LabVIEW Programming - Use of Structures, SubVI Arrays, Clusters, Strings, File I/Os, Charts and Graphs ➤ LabVIEW Programming – Editing and Debugging ➤ Arduino Interfacing with LabVIEW ➤ Real Time Data Acquisition using LabVIEW
9.	Methodology	The programme will have 80% practice sessions.