



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
 (UGC Autonomous Institution. Affiliated to JNTUHL. Accredited 2nd time by NAAC with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. I.I)
 Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course
 on
 “Training Course on LABVIEW Module I”
 December 11th –December 15th 2017

Programme Schedule

Date	Time	Topic	Resource Person
11-12-2017	10:10 – 11.00AM	Introduction	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	What is LabVIEW? Common types of LabVIEW applications	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Hardware Overview Connect your hardware	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Validate data Troubleshoot unexpected I/O results	
12-12-2017	9:30 – 11.00AM	First Measurement (Non-NI Instrument)	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Explore a LabVIEW project Parts of a VI	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Dataflow	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Example code.	
	9:30 – 11.00AM	Create a new project and VI Explore different data types	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	

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13-12-2017	11.15 – 12:45 PM	Build an Acquire-Analyze-Visualize VI (NI DAQ)	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Build an Acquire-Analyze-Visualize VI (non-NI hardware)	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Correct a broken VI	
14-12-2017	9:30 – 11.00AM	Debugging techniques	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Manage and display errors	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Use While Loops and For Loops	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Timing a loop Use Loops with Hardware Application Programming Interfaces (APIs)	
15-12-2017	9:30 – 11.00AM	Date Feedback Loops	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Groups of data in LabVIEW	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Working with single-channel acquisition data	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Working with multi-channel acquisition data Explore additional array examples	


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