

NARAYANA ENGINEERING COLLEGE:: NELLORE

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Report on the Value Added Course

1	Name of the Activity/Event	Value added course on “PLC & SCADA”	
2	Date of Activity/Event	20-8-2018 to 24-8-2018	
3	Organized by/Name of the committee	EEE DEPARTMENT	
4	Place of Activity/event	EDISON Auditorium	
5	Resource person/guest/organization	Mr. V. Madhukar, Managing Director, Prolific Systems Technologies Pvt Ltd, Hyderabad.	
6	Type of activity/Event	Value added course	
7	Activity/Event objectives	Explanation of designing of PLC and SCADA	
8	Participation	Students	Total Participation
		110	110
9	General remarks	In depth explanation is given on PLC & SCADA which is useful for the students career in PLC& SCADA	
10	Suggested Improvements	Real time applications and examples are to be explained.	
11	Enclosures	1. Circular to students 2. schedule 3. Student signature forms 4. Report 5. Certificates	
12	Signature of In charge/convener		

A value added course on PLC & SCADA has conducted by the department of EEE for their registered students in association with prolific systems Technologies Pvt Ltd from 20/8/2018 to 24/8/2018.

Course Description:

PLC

- ✚ The Need for PLCs
- ✚ The First Programmable Logic Controllers (PLCs)
- ✚ Advantages of PLC Control Systems
- ✚ PLC Architecture
- ✚ PLC System
- ✚ I/O Configurations
- ✚ Processor (CPU)
- ✚ Programming Device
- ✚ PLC Operating Cycle

- ✚ Modifying A PLC Program
- ✚ PLCs Versus Personal Computers
- ✚ PLC Size Classification
- ✚ PLC Instruction Set

SCADA

- ✚ Applications of SCADA in Power System
- ✚ SCADA For Power Generating Stations
- ✚ SCADA For Power Distribution System
- ✚ SCADA Application For Remote Industrial Plant
- ✚ Wireless SCADA

No. of students participated: 110

HOD