

NARAYANA ENGINEERING COLLEGE:: Nellore



(Affiliated to JNTUA, Ananthapuramu)  
Narayana Avenue, Muthukuru Road, Nellore, Andhra Pradesh-524 004.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



REPORT ON SEMINAR ON POWER SYSTEM SCADA AND SMART GRID

1	Name of the Activity/Event	Seminar on "Power system SCADA and smart grid"		
2	Date of Activity/Event	26-10-19		
3	Organized by/Name of the committee	Dept. of Electrical and Electronics Engineering		
4	Place of Activity/event	Narayana Engineering College, Nellore		
5	Resource person/guest/organization	Mr.S.SelvaRajan, General Manager, Prolific systems and Technologies Pvt.Ltd		
6	Type of activity/Event	Seminar		
7	Activity/Event objectives	1.Design of Power system 2. How to implement SCADA in Power system 3. Description of smart grid 4. Distribution and automation		
8	Participation	Students	Faculty	Total Participation
		105	02	107
9	General remarks	1. Communication was not up to the mark. 2. Design of substation was not explained correctly.		
10	Suggested Improvements	1.Improve the Communication 2.Explain the concepts with more examples		
11	Enclosures	1.Report 2.Photos 3.Attendance		
12	Signature of In charge/convener			

The Department of EEE has conducted "One day Seminar on "Power system SCADA and smart grid" on 26.10.19 that is on Saturday on behalf of ISTE Professional association and Faraday's Spark club. Students of IVth Year B.Tech EEE students are participated in this Programme.

Prof. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the participants and gave introduction to the programme to all. Around 105 Students have participated in this programme.This programme was co-ordinated with the help of 2 Faculty members. The seminar was chaired by Mr.S.SelvaRajan, General Manager, Prolific systems abd Technologies Pvt.Ltd. The resource person was discussed

about Power System SCADA and Smart Grids brings together in one concise volume the fundamentals and possible application functions of power system supervisory control and data acquisition (SCADA).

The following some of the major points are discussed.

1. The seminar Covers about the substation automation (SA), which forms the basis for transmission, distribution, and customer automation.
2. Addresses distribution automation and distribution management systems (DA/DMS) and energy management systems (EMS) for transmission control centers.
3. Discusses smart distribution, smart transmission, and smart grid solutions such as smart homes with home energy management systems (HEMs).

This seminar on Power System SCADA and Smart Grids is designed to assist electrical engineering students, researchers, and practitioners alike in acquiring a solid understanding of SCADA systems and application functions in generation, transmission, and distribution systems, which are evolving day by day, to help them adapt to new challenges effortlessly. Finally the seminar ended with vote of thanks by L. Nagamani.

### Event Pictures



Mr.S.SelvaRajan, General Manager Presenting Seminar on Power System SCADA and Smart Grid



Students listening to the seminar