NARAYANA ENGINEERING COLLEGE:: Nellore

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

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NARAYANA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON SEMINAR ON POWER SYSTEM SCADA AND SMART GRID

1Name of the Activity/EventSeminar on "Power system SCADA and smart grid"2Date of Activity/Event $26-10-19$ 3Organized by/Name of the committeeDept. of Electrical and Electronics Engineering Committee4Place of Activity/event $Narayana Engineering College, Nellore5Resource person/guest/organizationProlific systems and Technologies Pvt.Ltd6Type of activity/EventMr.S.SelvaRajan, General Manager,Prolific systems and Technologies Pvt.Ltd7Activity/Event objectives-1.Design of Power system2. How to implement SCADA in Power system3. Description of smart grid4. Distribution and utomationNarayana Engineering College, Nellore8ParticipationStudentsFacultyTotal Participation9General remarks1.05021079General remarks1.Currunication was not explained correctly.10Suggested Improvements2.Evistation was not explained correctly.11Enclosures1.Report2.Photos12Signature of In charge/convenerJ.Kurunication was not explained correctly.$			1			
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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