

# NARAYANA ENGINEERING COLLEGE::NELLORE

## REPORT

1	Name of the Activity/Event	“Awareness program on control systems”		
2	Date of Activity/Event	16/2/2019		
3	Organized by/Name of the committee	EEE Department		
4	Place of Activity/event	Edison Auditorium		
5	Resource person/guest/organization	Mr.A.Ravi, Vani institute Vijayawada		
6	Type of activity/Event	Seminar		
7	Activity/Event objectives	knowledge		
8	Participation	Students	Faculty	Total Participation
		95	02	98
9	General remarks	1.Need more Explanation 2.Fast Delivery		
10	Suggested Improvements	Need full day session		
11	Enclosures	1.Report 2.Photos 3.Attendance		

A Guest lecture on “**POWER SYSTEM OPERATION AND CONTROL**” was organized by Electrical and Electronics Engineering department, on 16<sup>th</sup> Feb 2019 at the Edison Auditorium, Narayana Engineering College, Nellore. In this session they discussed about the objective of the control strategy is to generate and distribute power in an interconnected system as economically and reliably as possible while maintaining the frequency and voltage within permissible limits. In order to keep any power system in steady state the flow of active and reactive power must be checked. Today, in modern energy control centers the methods developed for control of individual generations, and eventually control of large interconnections are of critical importance. Modern Energy Control Centers (ECC) are equipped with on-line computers performing all signal processing through the remote acquisition systems known as supervisory control and data acquisition (SCADA) systems.







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