



RAMACHANDRA

COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to JNTUK: Kakinada)
NH-5 Bypass Road, Vatluru (V), ELURU – 534 007, A. P.

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Report on Guest lecture on "LOAD FLOW STUDIES IN POWER SYSTEMS" organized by Department of Electrical and Electrical Engineering, Ramachandra College of Engineering, Eluru On 04.02.2017

Organized by : Department of Electrical and Electronics Engineering
Name of the Speaker : Dr. Chandrasekhar Yammani
Designation : Assistant Professor, Electrical Engineering
Department, National Institute of Technology Warangal
Topic : Load Flow studies in Power Systems
Venue : e-class room, A-Block
Date & Time : 04.02.2017, 10 am to 2 pm

| Branch | Year | Semester | No of Students Attended |
|-------------------------------|------|----------|-------------------------|
| EEE | III | II | 117 |
| Total No of Students Attended | | | 117 |

Profile Of The Speaker

Dr. Chandrasekhar Yammani received B.Tech degree in Electrical and Electronics Engineering from Jawaharlal Nehru Technological University, Hyderabad, India, in 2007. He possessed M.Tech and Ph.D Degrees in Power Systems Engineering from the National Institute of Technology Warangal (NITW), Warangal, India, in 2009 and 2015 respectively.

Since March-2012, he is working as an Assistant Professor in Electrical Engineering Department of NIT Warangal. He has five years of experience in teaching field. His research areas are power system operation and control, planning studies of distribution generation and Renewable energy resources in power systems, Smart grids, Micro grids, Optimization techniques, Meta-heuristic Techniques, reliability and resilience studies of Power systems.

In his career, he has published 20 international Research publications and 2 National publications in reputed journals and conferences in India and abroad. He has submitted 4 Research Projects to DST and SERB, Govt. of India. He visited USA, Canada and Singapore for presenting his research papers. He acted as a chair in the recent IEEE Tencon-2016, held in Singapore. Under his guidance 8 B.Tech projects, 12 M.Tech projects are completed and 2 B.Tech and 3 M.Tech projects are under progress. Two research scholars are working under him in the areas of Micro grid scheduling with Reliability and Resiliency studies.

Report

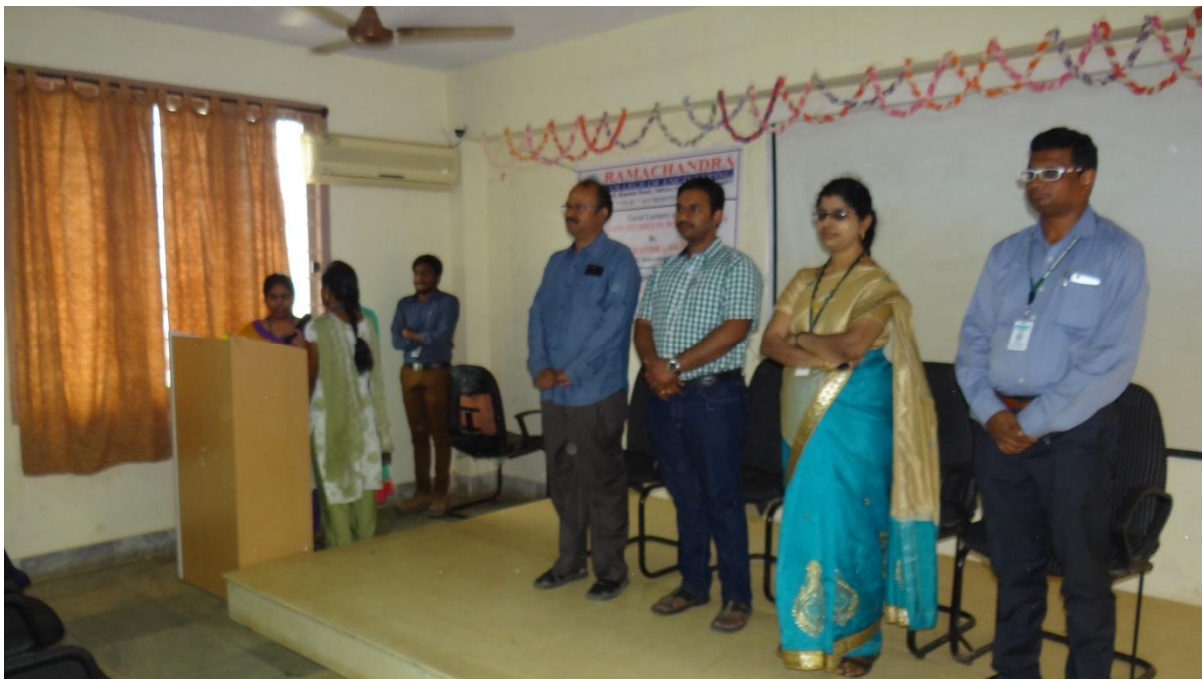
1. Report in brief by Organizer / Coordinator / Convener:

Load flow studies are the heart like concept of Electrical Engineering. It is the very useful topic in power systems related design, analysis issues. Load flow studies are commonly used to optimize component or circuit loading, and to develop practical bus voltage profiles. And for any research related to power system related problems, the first step to be conducted is nothing but load flow. So, this guest lectures covers the importance of load flow, methods of load flow studies, how to solve the problems and also the new advanced methods of load flow.

During Welcoming the guest:



During Prayer song:



During Lecture:



Honoring the guest:



Feedback from students:

All the students feel that the guest lecture is very useful and as they are having the subject power system analysis in the current semester, they gain good knowledge. And also they request to arrange this kind of guest lectures once in a semester.

Feedback from the resource person:

The resource person feels that the students are well disciplined and they listened the lecture very carefully and also they have clarified their doubts by interacting with the resource person.

HoD


PRINCIPAL