



SRI VENKATESWARA COLLEGE OF ENGINEERING

AUTONOMOUS - Affiliated to Anna University

Pennalur, Sriperumbudur – 602117

The Institution of Engineers (India)

SVCE EEE Student Chapter

&

Department of Electrical and Electronics Engineering

Solicit your esteemed presence for the

Inaugural Function

Of

TWO DAYS NATIONAL WORKSHOP

On

**“Grid Stability with Distributed Generation-Advanced
Ancillary Services”**

by

Dr. P Somasundaram

Professor, Department of EEE

Anna University, Chennai

Date : 05th & 06th September 2019

Time : 9.00 AM

Venue: Biotech Conference Hall

SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Electrical and Electronics Engineering &
The Institution of Engineers (India) SVCE EEE Student Chapter

Two-day Workshop on "Grid Stability with Distributed Generation-Advanced Ancillary Services"

Programme Schedule		
Day 1(5/09/19)		
<i>Forenoon</i>	<i>Resource Person</i>	<i>Time</i>
Inauguration	Chief Guest- Dr.P.Somasundaram, Professor,CEG,Guindy	9 A.M-9.15 A.M
Session 1 - Key note Lecture on " Distributed Generation- Advanced Ancillary services"	Dr.P.Somasundaram, Professor,CEG,Guindy	9.15 A.M - 10.45 A.M
<i>Tea Break</i>		10.45 A.M- 11 A.M
Session 2 - Introduction to Power system Deregulation and ancillary services	Dr.S G.Bharathidasan,Associate Professor	11 A.M-12.30 P.M
<i>Lunch Break</i>		12.30 P.M - 1 P.M
<i>Afternoon</i>		<i>Time</i>
Session 3 - Impact of Distributed Generation on Power system voltage control	Dr.S G.Bharathidasan,Associate Professor	1 P.M - 2.15 P.M
<i>Tea Break</i>		2.15 P.M- 2.30 P.M
Session 4- Hands on training - Simulation of Grid voltage control with Distributed Generation	Dr.S G.Bharathidasan/Mr.S.Kumaravel	2.30 P.M - 3.15 P.M
Closing for the day		3.15 P.M
Day 2 (06/09/19)		
<i>Forenoon</i>	<i>Resource Person</i>	<i>Time</i>
Session 5 - Wide area monitoring-Voltage control	Mr.T.Prakash, Assistant Executive Engineer/Design, Protection & Communication TNEB	9 A.M-10.45 A.M

<i>Tea Break</i>		10.45 A.M - 11 A.M
Session 6 -Effect of Distributed Generation on Power system Frequency control	Mr. S. Kumaravel, AP/EEE, SVCE	11 A.M- 12.30 P.M
<i>Lunch Break</i>		12:30 P.M- 1.00 PM
<i>Afternoon</i>		<i>Time</i>
Session-7 Hands on training on Grid frequency control with DGs	Dr.S G.Bharathidasan/Mr.S.Kumaravel	1.00 P.M-2.30 PM
Valedictory & Closing ceremony		2:30 P.M - 3.15 P.M
Closing the workshop		3.15 P.M

IEI SVCE EEE STUDENT CHAPTER

TWO DAYS WORKSHOP ON Grid Stability with Distributed Generation-Advanced Ancillary Services

Name of the event: Two days workshop on Grid Stability with Distributed Generation-Advanced Ancillary Services

Date of the event: 05.09.2019 & 06.09.2019

Venue: Bio-Tech Seminar Hall

Two Days national level workshop entitled **“Grid Stability with Distributed Generation-Advanced Ancillary services”** was conducted by the Department of Electrical and Electronics Engineering of Sri Venkateswara College of Engineering under IEI SVCE EEE Student chapter on September 5 & 6 2019 . Experts from Tamilnadu Electricity Board (**TNEB**) and College of Engineering, Guindy-Anna University delivered expert talk on the topic.

The workshop was attended by 43 students from II ,III,IV years of EEE department of SVCE. The workshop started with the inaugural ceremony followed by Key note Lecture on **“Distributed Generation-Advanced Ancillary Services”** by **Dr.P.Somasundaram, professor,CEG** Anna University. He clearly elaborated about the grid stability and the other related topics.

This lecture was followed by next lecture session on **“Distributed generation”** by **Dr. S.G.Bharathidasan, Associate professor, SVCE** Sriperumbudur. He gave a brief introduction to Distributed Generation and justified the idea of restructuring the conventional power systems.

The second day started with the expert talk on **“Recent trends of Power system monitoring”** by **Mr.T. Prakash from TNEB**. He discussed about the recent innovations in power system monitoring like SCADA and ancillary services under the regulation of NERC standards. In the afternoon, the participants had a hands on session to know more about grid frequency control with distribution generation under the guidance of **Mr. S. Kumaravel, Assistant professor** at Power System Simulation Laboratory, SVCE Sriperumbudur.

Finally the workshop ended with the valedictory function. On the whole the workshop was completely informative and added knowledge to the repertoire of workshop participants.

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