

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One day workshop

on

Energy Conservation & Latest Promising Technologies

on 18-12-2017

Government of India has declared 14th to 20th December, 2017 as **National Energy Conservation Week**. As a part of this, Department of Electrical and Electronics Engineering in collaboration with Southern Power Distribution Company of AP Ltd., Tirupati and State Energy Conservation Mission organized a one day workshop on 'Energy Conservation and Latest Promising Technologies'.

The teaching fraternity, concerned staff, students of IV B.Tech., II-Semester EEE and EIE, M.Tech (EPS and PED) and research scholars participated in the workshop. Officials of APSPDCL enlightened the participants on various energy saving measures. The workshop mainly focused on current practices, research challenges and latest promising technologies. The know-how of conserving energy in domestic and commercial applications.

The workshop was inaugurated by Chief Guest Sri. **K. Nanda Kumar** Chief Engineer, APSPDCL, Guest of Honour **Smt. B. Lalitha**, Chief General Manager, RAC, APSPDCL, **Sri H. Harinadh Rao**, Superintendent Engineer, **Sri. D.V. Chalapathi**, General Manager, (Energy Audit), APSPDCL, Tirupati, **Dr. P. C. Krishnamachary**, Principal, and **Dr. T. Nageswara Prasad**, Professor and Head, Department of Electrical and Electronics Engineering at 11.00 AM on 18th December, 2017.

The Chief Guest Sri. **K. Nanda Kumar** addressed the gathering on various social schemes provided by the Southern Power Distribution Company Of AP Limited to various consumers.

The Guest of Honour **Smt. B. Lalitha** , elaborated on the various aspects of social and environmental benefits to the consumers and the ways to reduce the green house emission.

Sri H. Harinadh Rao, briefed about the challenges in electrical power generation and distribution, issues concerning the power distribution and solutions to the system with the help of latest energy conservation technologies and measures

Sri. D.V. Chalapathi, delivered a lecture on "**Demand Side Management and Energy Efficient Programs**" with a case study. He educated the participants about various energy efficient steps taken by APSPDCL for Demand Side Management and various environmental and societal benefits. His lecture included an overview of the following energy efficient programs being undertaken by APSPDCL:

- ❖ DSM based Efficient Lighting Programme (DELP)
- ❖ Agricultural Demand Side Management Scheme (AgDSM)
- ❖ Implementation of Electric Smart control Panel project (ESCP)
- ❖ Implementation of Domestic Efficient Fans Program (DEFP)
- ❖ Implementation of Energy Efficient Tube Lights Program (EETL)
- ❖ Solar Off-Grid Agricultural Pump sets

Dr. P.C. Krishnamachary, Principal, and **Dr. T. Nageswara Prasad**, Professor & HOD and Convener of the workshop, welcomed the participants. **Dr. N.M.G. Kumar**, Professor, Department of Electrical and Electronics Engineering proposed vote of thanks and concluded the workshop.



Inaugural photo for the workshop



Programme inaugurated by lighting the Lamp by Chief Engineer Sri. K. Nanda Kumar, APSPDCL



Welcome speech by **Dr. T. Nageswara Prasad** HOD & Convener



Inaugural Speech by **Dr.P.C. Krishnamachary**, Principal, SVEC.



Address by **Sri H. Harinadh Rao**, Superintendent Engineer, APSPDCL





Address by Guest of Honour by **Smt. B. Lalitha** , Chief General Manager,
RAC, APSPDCL



Expert talk by Sri. D.V. Chalapathiby General Manager (Energy Audit), APSPDCL



Participants



Participants