

## **SREE VIDYANIKETHAN ENGINEERING COLLEGE**

(Autonomous)

SreeSainath Nagar, Tirupati- 517102

### **Department of Electrical and Electronics Engineering**

#### **Expert Lecture on SMART GRID AND SMART METERS**

Expert Lecture on “SMART GRID AND SMART METERS” by Er. D.V. Chalapathi, D.E, APSPDCL, Tirupathi is organized for the students of III & IV B.Tech (EEE), and I M.Tech (EPS) of SVEC at Dasari Auditorium on 1<sup>st</sup> October, 2015 from 11.00 AM to 1.00 PM.

Er. D.V. Chalapathi explained about the improvement in billing & collection efficiency, Indian Context – Utility concern, Consumer Expectations, Smart Grid and smart meters.

Also he outlined Power line communications, fibre optic communication, fixed radio frequency or public network advanced communication networks which supports two way communication. He also explained about the Meter data Acquisition system (MDAS) in which DCUS (Data Concentrator Units) are used to acquire data from meters via communication network and send it to the MDMS. Students got immensely benefited from his lecture.

