

Sarvajanik Education Society

Sarvajanik College of Engineering & Technology

Electrical Engineering Department

Report on one day workshop on Energy conservation & Audit

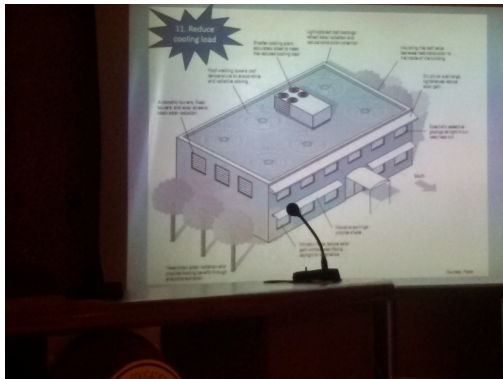
One day workshop on Energy conservation & Audit was arranged by Electrical Engineering Department (EED) on 30th March 2017 at N. J. Seminar Hall. More than 70 participants had taken part in workshop.

Dr. Sonal Desai, Energy Auditor by BEE, certified green building consultant by IGBC also an author of book titled "Hand book of Energy Audit" shared her knowledge on Energy Audit in Thermal System. Dr. Sonal Desai discussed global and Indian Energy scenario. In the session, she talked about why energy audit is now mandatory. Also how students can select their carrier as an Energy Auditor was explained by her. Dr. Sonal Desai talked about Boiler and Furnace, Steam Distribution system, HVAC System, Building Compressed Air Network, Pump, fan and cooling tower, Power plants and heat exchangers with thumb rules to conserve energy.

Next two sessions were delivered by Mr. Govind Patel, IRCA trainer & Auditor – ISO 50001:2011, ISO 50002:2014, ISO 55000:2012, ISO 50004:2014. He discussed about importance of energy audit and management. He also explained the national and international certification for energy auditor. He talked about the different methods of energy audit in detail and best practices in energy audit. Different instruments for measurement required were also discussed. Mr. Patel has discussed about saving electricity with several case studies on energy audit of motors, transformers, lightings etc.

The session is followed by question and answer regarding energy conservation and audit.

The workshop was very interesting, interactive and useful for the students as well as the faculties.



Prof. Sharad Patel, Dr. Hardik P. Desai

Workshop Coordinators

Dr. Shabbir S Bohra

Head, Electrical Engineering Department