



HOPE Foundation's
Finolex Academy of Management & Technology,
Ratnagiri
DEPARTMENT OF ELECTRICAL ENGINEERING

ATwoDaysWorkshopon EnergyAudit

A two days workshop on Energy Audit was organized by the Department of Electrical Engineering from 17th to 18th February 2020. Mr. Ajitkumar Datar, Certified Energy Auditor, INDESCO, Mumbai and Mrs. A.A. Datar, Lecturer, and Lawyer, Thane Law College, Mumbai were invited to conduct the workshop.

There is a tremendous increase in the usage of electrical energy in recent decades, but the electricity generation is insufficient to meet increasing demand. Hence, the Government of India has enacted the Energy Conservation Act 2001 to reduce the demand by conservation of energy measures. Energy audit has been made compulsory to energy-intensive industries. During the audit; various appliances, equipment and systems like boilers, chillers, HVACs, fans, and blowers are studied; trialed and their efficiency is calculated. There commendations are made to improve energy efficiency which also reduces the environmental effects. Therefore, t h e Electrical Engineering Department initiated to create awareness amongst Electrical Engineering students through a workshop on EnergyAudit.

The workshop was inaugurated by Prof. S. H. Mhabadi, Head of Electrical Engineering Department. He urged students to actively participate in the workshop and avail maximum benefits of the expertise of Shri Datar.

Mr. Ajitkumar Datar (BE Electrical and Mechanical AMIE) is a certified Energy Auditor of BEE and has 25 Years of field experience. He has conducted 400+ audits in India and abroad. During the workshop, Basics of Energy conservation, energy conservation opportunities in Motors, transformers and illumination were discussed. Basics of refrigeration and air conditioning were explained and energy-saving methods were discussed. Further, the different recent energy audit reports were discussed with the students. Finally, Shri Datar explained different doubts and questions from the students and faculty. Mrs. Asha Datar explained the Energy Conservation Act 2001 and its important provisions.

A total of 55 Students of B.E. participated in the workshop. Prof. M. N. Tagare organized this workshop with the help of Prof. N. V. Kelkar and Prof. Ms. Neelshri Sakhalkar.



Inaugural program of the workshop



Shri Datar explaining the basics of refrigeration



Mrs. Asha Datar explaining the Energy Conservation Act 2001