

Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Expert Lecture on “Energy Conservation & Management” in association with Petroleum Conservation & Research Association (PCRA), New Delhi on 20th December 2017. (AY 2017-18)

Objectives of Expert Lecture:

- [1] To know & understand the need and importance of renewable energy.
- [2] To know and analyze the various Biomass Conversion processes.
- [3] To know and judge the Energy Saving Potential, Waste Heat Recovery, Energy Efficiency.
- [4] To understand the methodologies to execute preliminary energy audit.

Resource Person: Shri. Pramod N Dashpute, Faculty of PCRA, Certified Energy Auditor, Pune.

Benefitaries: All Third Year Diploma Students in Mechanical Engg. **Venue:** Class Room No. 316 (SYME 2)

Duration: *1st Session:* 11.40 am-12.40 pm *2nd Session:* 1.40 pm to 2.40 pm.

Coordinators: Prof. A P Vadnere, HOD-Mech. Engg. Prof. V E Kothawade, Expert Lecture Coordinator.



Energy is an important aspect in all sectors of country's economy. India as a country suffers from significant energy deficiency. The per-capita energy consumption, while increasing progressively, is significantly below global averages and in many instances below developing country averages. Increasing energy demands, shortage of fossil fuels, and the continuous increase in the level of green house gas emissions are the main driving forces to utilize various sources of renewable energy. The objective of this expert lecture is enabling the Third Year students to know the basics of renewable energy, energy conversion, conservation, management techniques, energy audit and methodology.





Shri. Pramod N Dashpute, B.E.E. Certified Energy Auditor and PCRA Faculty have got industrial experience in utilities and maintenance depts. since, 1990 for 26 years. He has working as-Visiting Faculty for delivering Lectures on Energy Conservation and management at VJTI, for M.Tech (Thermal) students, since last 3years. Working as Faculty of PCRA since, Aug-2013 for energy conservation and auditing he has delivered 50+ programs on this topic in industries and Engg. Colleges. Also, he has delivered expert Lectures on energy conservation in a MEDA sponsored training program for utility engineers at 6 different locations in Maharashtra. He have got hands on energy audit experience in various industries such as Thermal Power Plant, Oil refineries of OLAM in South Africa, Cogen sugar and paper mills in Maharashtra, Textile and chemical plants in Gujarat as GEDA initiative and Commercial buildings, hotels in Mumbai.