



One Day Expert Talk on Energy Conservation

The Primary aim of this workshop organized by Mechanical Department of B.H. Gardi College of Engineering and technology is to improve the practical knowledge of students. Our main objective is to start the student thinking in the direction of the new and emerging field of Energy Conservation. And know about the various career opportunities related to the field.

Topics covered in the Expert Talk

Date of Workshop: 26th July 2014

Session-1:

- Energy Flow Diagram
- Objectives
- Data Sources
- Primary energy
- Power sector
- Energy Balance

Session-2:

- Factors for cost effectiveness
- Indices for energy economics
- Simple Payback
- Time value of Money

- Discount Rate
- Capital Recovery factor
- Net Present Value
- Cost to Benefit Ratio
- Case Studies

❖ In first session introduction of Energy Conservation is given by Dr.R.N.Patel,Head of Mechanical Department, Nirma University
He also gives a brief introduction on market requirement and scope of Energy Conservation in present scenario.

❖ Sir also gives a very good knowledge of Indian energy status.

❖ He also told students that there are good future scopes in industries. In this field to carry out the work and making career.

Organized By: Mechanical Engineering Department

Coordinators:- Prof. M.B.Vaghela