

Mechanical Department

14<sup>th</sup> March, 2013

SMT. S. R. PATEL ENGINEERING COLLEGE

# Workshop Report

## Energy Conservation Awareness

### Objectives:

To increase the knowledge in conservation of energy and awareness of energy requirements around the world.

Avoiding Wastage of Energy

Efficient Use of Energy

Moderation of Energy Use

Reduce, Reuse, Recycle of energy

Need for Energy Conservation

### Course Instructors:

**Mr. Raju Shah**

Chief consultant, ESCON Tech

**Mr. Vijay Vashistha**

Freelance consultant, BEE certified energy auditor

### Workshop co-ordinator:

Prof. Ajaypalsinh G. Barad  
Asst. Prof.  
Mechanical engineering,  
SRPEC

### Summary:

Participants got the best advantage of the knowledge shared by the experts on the conservation of energy.

They have come to know that from where and how the energy production has been take place and how one can make the best use of that energy in proper direction.

**Session 1: Mr. Raju Shah**

**Session 2: Mr. Vijay Vasistha**

**Session 3: Question-Answers**

### Session 1

The session contains the energy conservation topics like energy audit, system approach, need for energy conservation, energy conservation in motors.

Mr. Raju explained the terms energy conservation and energy audit. He gave the examples for avoiding the waste of energy, and increase the conservation of the energy around the surroundings.

### Session 2

The main topics covered by this session was pumps, fans & variable speed drives, Energy Efficient Lighting, Energy conservation in refrigeration, AC & compressors, Energy conservation tips for boilers & furnaces, Renewable energy sources.

### Session 3

The questions and doubts of the participants were made cleared and explained in better way by both the speakers during the session

They were come to know that, what is the basic need of the energy conservation in our life.

### Course Participant

Workshop was fully organized for faculties and all the students of Mechanical & Civil Engineering

Semester	Total No. of students
8 <sup>th</sup> Mechanical	54
8 <sup>th</sup> Civil	40

## PHOTO GALLERY DURING THE DAY



### Student's Feedbacks:

At the end of any activity it is very much important to have a feedback from the target audience to know the success indicators, evaluating the training material and curriculum and to know the area required further improvement in organizing such workshops.

### Prime feedbacks were:

- Adequate information was given by speakers
- Organizing of sessions were good
- Knowledge and examples related to the topics are given on regular base that were easy to understand.

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## Energy Conservation Awareness Workshop at S.R. PATEL ENGINEERING COLLEGE; UNJHA 14.03.2013

*Conducted by: ESCON TECH ; Ahmedabad*

*Sponsored by:*



**Gujarat Energy Development Agency**  
- Building Energy Wise Gujarat -