



SRPEC

FACULTY DEVELOPMENT PROGRAM REPORT

Document No. HR010

Revision No. 00

Page 1 of 1

Smt. S. R. Patel Engineering College, Dabhi—Unjha

**Faculty Development Program:
ONE DAY NATIONAL SEMINAR ON
“Solar Energy Applications in Present Era”**

Visit Date:

31 August, 2013

Objective

- To study the applications and the advances in non conventional energy sources, basically solar energy.
- To aware of the new trends and technologies applied in renewable energy sources like solar energy and hydrogen energy.

Introduction:

1. Solar thermal Collector
2. Solar assisted hydrogen generation
3. Applications of solar concentrating collector
4. Electrical power supply system and distribution network.
5. Development of evacuated glass tube solar collector
6. Grid connected system

About the Institute:

GPCL (Gujarat Power Corporation Limited) has established Gujarat Power Education and Research Foundation (GPERF) which is registered as Society as well as Trust under Societies Registration Act, 1860 and Bombay Public Trust, 1950 respectively in June, 2010. GPERI offers currently four graduate courses (Civil, Electrical, Mechanical and Computer) in engineering and research.

Program Highlights:

The conventional sources of energy are going to end in the next few years. Now a days the whole world is finding the solution of that topic.

The renewable energy sources are the best suitable solution for the crisis in energy and to make the future brighter.

We can use the hydrogen also as the power source. By applying the electrolysis process we can produce the hydrogen for the process and make use of it for the production of energy

Faculties Visited:

Prof. Ramesh N. Mevada (Mechanical)

Prof. Ajaypalsinh G. Barad (Mechanical)

Prof. Hardik H. Patel (Electronics & Communication)



Gujarat Power Engineering and Research Institute, Mewad, Mehsana

GUJCOST Sponsored One Day National Seminar on
“SOLAR ENERGY APPLICATIONS IN PRESENT ERA”

I N S T I T U T E D E T A I L

Experts:

Dr. B. M. Ramani (Dy.Den, MEFGI, Rajkot)

Dr. P. V. Ramana (HOD, Mech. Dept., SVIT, Vasad)

Dr. P. K. Shah (SITER, Ahm)

Dr. J. G. Jamnani (HOD, Ele. Dept., GPERI, Mehsana)

Dr. N. M. Bhatt (Director, GIT, Gandhinagar)

Dr. Sagar Agrawat (Research Scientist, Solar Energy, GERMI, Gandhinagar)

ADDRESS: Gujarat Power Engineering and Research Institute, Near Toll Booth, Ahmedabad—Mehsana Expressway Village—Mewad, Dist—Mehsana 382710, Gujarat

PHONE: 02762-285871

EMAIL ID: director@gperi.ac.in

CONTACT NO.: 02762-285875