



# POORNIMA

## GROUP OF INSTITUTIONS

### DEPARTMENT OF MECHANICAL ENGINEERING

#### **A brief report On**

#### **National Seminar on “Recent Developments in Energy and Environment”**

The Department of Mechanical Engineering, Poornima Group of Institutions, Jaipur organized a national seminar on “Recent developments in Energy and Environment” on 4<sup>th</sup> April 2017 in collaboration with ISHRAE Jaipur chapter.

Scarcity of the energy resources and the adverse effects of conventional resources of energy has become a major issue. Due to this, developing renewable energy and energy efficient technologies is critical to address concerns about climate change and environmental issues. The objective of the seminar was to make the students aware of the recent advances in the science and technology of clean and renewable new energy and discuss the concept of green building.

The seminar started with the ganesh vandana which was performed by Pooja Gupta. After ganesh vandana, all dignitaries were invited on the stage for the lamp lighting.

The seminar started with the formal welcome of the guests Dr. K.K.S.Bhatia, president, Poornima University, Dr. Ramesh Mittal, Deputy Director, NIAM, Dr.K.K.Khatri, Associate Professor, LMNIIT and Mr. Akash Vajpai, Secretary Jaipur ISHRAE chapter followed by facilitation by Mr. Pankaj Dhemia, Director PGI, Dr. B.K.Sharma, convener PGI, Mr. Ashwani Kapoor HOD Mechanical,PGI and Mr. Deepak Kumar, Associate Professor ,PGI.

A brief introduction and welcome address was presented by Dr.B.K.Sharma, Convener, RDEE. In his introduction he highlighted the objective of the seminar and the necessity of promoting awareness of the energy resources and their conservation.

Dr.K.K.S.Bhatia gave his words of blessing and thought provoking address which set a perfect platform for the speakers to deliver their presentations in the areas of energy and environment.

The first speaker of the seminar was Dr.Ramesh Mittal, he presented his speech on “Startups in Energy and Environment “,in which he discussed about various startup within Jaipur and outside Jaipur focusing on conservation of environment .

The Second speaker of the seminar was Dr.K.K. Khatri, he discussed about various alternative fuels for energy production. In his presentation, he discussed about various projects which are being done under his guidance in the field of generating alternative resources for energy production.

The third speaker of the seminar was Mr.Akash Vajpai, Secretary, Jaipur ISHRAE Chapter. First he talked about ISHRAE society, and how the society is working in the field of energy awareness. In the second part of his presentation he talked about “Green buildings”. In his speech he discussed about the various criteria which contribute in attaining the “green building” title and he focused on energy independence.

After concluding his presentation, he interacted with the students.

Mr. Ashwani Kapoor, HOD, Department of Mechanical Engineering, PGI gave a vote of thanks.

In the end, Poornima Gaan was sung by the students.

After lunch, a visit to the solar plant was conducted by Mr.Ashwani Kapoor, HoD, Mechanical,PGI.



**Inaugural of Nation Seminar on “Recent development in Energy and Environment”**



**100 KW Solar Power Plant Visit of PGI Mechanical Students at Poornima University**