

RAJASTHAN STATE CENTRE
Seminar and Exhibition
November 27, 2010, Jaipur

A one day Seminar cum Exhibition on Recent Trends in the Field of Lighting and Renewable Energy was organised by the ISLE Student Chapter of the Poornima Group of Colleges (PGC), Jaipur at the Arbuda Convention Centre, PGC, Jaipur. The programme was sponsored by the Indian Society of Lighting Engineers Rajasthan State Centre. More than 450 students and 20 faculty members benefited from the programme.

The objective of the seminar was to create awareness among students about energy conservation, renewable energy sources and current trends in field of lighting. After the lighting of the lamp and Ganesh Vandana the seminar commenced.

Dr. S.M. Seth Director General, PGC welcomed the guests and introduced the mission and vision of PGC and the various ongoing academics and non-academic activities. The dignitaries were introduced and felicitated.

In his address, the Chief Guest Mr. Gulshan Aghi Vice President, ISLE spoke about current trends and the future of lighting. Starting from energy generation and consumption he said that current data showed that 17% of the total electrical energy generated in India is used in lighting, whereas it is just 5 to 7% in developed countries so that there was great scope for improvement.

He established that LEDs will be the future of lighting with various examples and facts. He concluded with informing students about career opportunities in the lighting industry. Thereafter, he answered queries from the students.

The Guest of Honour, Mr. R.S. Saxena, Chairman, Rajasthan State Centre spoke about ISLE including its objectives, activities and membership. He gave a review of current activities and future plans of ISLE, Rajasthan State Centre. He congratulated students of ISLE Student Chapter, PGC for organising this event and their active participation in all activities of ISLE.

Dr. Jyotirmay Mathur, Professor MNIT Jaipur gave a presentation on Renewable Energy and Day Light. He gave a detailed explanation of different renewable energy sources like the sun and daylight, wind, tides, and geothermal. He also touched upon the burning issues like global warming, climate change, environmental impact of pollution, CO₂ emission etc. Using examples he explained how day light i.e. energy coming from sun can be used for lighting as well as heating.

Mr. Anil Bhalla, Surya Roshni gave an expert talk on Lighting Design. Mr. Anil Bhalla explained the lighting design concepts with the help of some examples using a software. He added that proper lighting design leads to a reduction in energy consumption. He concluded that CFLs and LEDs should be preferred over other lighting devices to reduce the energy consumption.

Mr. Manoj Gupta proposed the vote of thanks and expressed his gratitude to all the dignitaries and experts for sparing their valuable time and sharing their words of wisdom with the students. He congratulated the students of the ISLE Student Chapter, Rajasthan State Centre for the successful organisation of this event.

After the seminar in auditorium a workshop on Working and Concepts of CFL was also conducted by Mr. Prashant Bajpai, Treasurer, ISLE, Rajasthan State Centre for around 100 interested students, members of the student chapter. He explained the construction and working of the tube light, CFL, incandescent lamp and other light sources. With some calculations, he explained about energy saving by using CFLs and LEDs.