

KARNATAKA STATE CENTRE

Workshop at NIE

February 19, 2010, Mysore

The Lighting Workshop at the National Institute of Engineering in Mysore was attended by about 100 Engineering Students from various disciplines including Architecture, Electrical & Electronics and Post Graduate studies. Several faculty members were present as well.

Prof. Dr. T. Ananthapadmanabha, HOD EE welcomed the ISLE Members, NIE MC Members, Faculty Members and the students to the lighting workshop which was being held for the first time.

Mr. Bhavani Prasad gave a brief introduction about ISLE and the projects undertaken including the Rural Education Programme.

Mr. M.S.N. Swamy, Chairman ISLE KSC inaugurated the workshop. In his address he emphasised the responsibility of each individual to help to preserve the environment and combat global warming.

The workshop he said would show how easy it was to save upto 50% of the energy used for lighting without compromising the quantity of quality of light by replacing existing light sources with more efficient ones available. He emphasised that switching off was not a good solution to the problem.

Mr. C.K.N. Raja, Director NIE MC, in his address reminisced about how rich we used to be with abundant electrical power but today as a result of wrong priorities we have wasted our valuable resources. He wanted awareness programmes like the lighting workshop to be carried out in all fields to help influence the future decision makers.

Dr. M. S. Shivkumar, Principal, NIE focused on the prime problems and the areas requiring attention, in particular, "the lack of syllabus" and the interaction of Lighting Companies with the Institutions.

Further, he wanted better coordination with lighting professionals and service providers. In his address he described various projects undertaken by the institution in spreading knowledge of production and usage of nonconventional energy sources.

The following papers were presented:

Lighting & Society, M. S. N. Swamy, Chairman, ISLE KSC

Language of Lighting, Sridhar, Bajaj Electricals

Recent Developments in Lighting & Controls, K. Naveen, Bajaj Electricals

Projects for Students, Bhavani Prasad, EX DG, CPWD

The concluding session was chaired by Prof. Ananthapadmanabha.

Some points that emerged from the session are given below:

Students showed great interest in increasing their awareness of lighting in general and LEDs in particular. They wanted help in undertaking projects that would be useful to them through interaction with industry.

They recognised the dangers to the environment from improper disposal of discharge lamps and the need to spread awareness of this issue.

The students recognised that switching off was not a useful option.

Prof. Dr. Ananthapadmanabha asked the students to talk to their colleagues and others connected with lighting about what they had learnt in the interest of energy saving.

The workshop concluded with thanks to Chair and the students.