

## **National Workshop on National Lighting Code**

April 28, 2011, Hyderabad

After the first workshop in Kolkata, the recent workshop on the National Lighting Code was organised in International Convention Centre Hyderabad by BIS in collaboration with ISLE, Elcoma and BEE in Hyderabad, Andhra Pradesh on April 28th 2011.

The workshop packed with an audience of more than 150 participants was inaugurated with the welcome address of Mr. R.K.Trehan, Head of FTD & HRD BIS Delhi followed by the opening remarks and the program objectives by Mr. P.K. Bandhopadhyay, the eminent Lighting expert, Chairman ET24 and the Convener of the Panel for National Lighting Code. Mr. Bandhopadhyay effectively explained the overview of the National Lighting Code and its scope of utilisation coupled with his vision and experience of Lighting practice.

The key note address was delivered by Mr. R.S. Sharma Head of the Hyderabad Branch of BIS.

The entire workshop was divided into three sessions:

### ***National Lighting Code - Concepts and Application***

*Use of NLC in Interior Illumination:* Mr. S. Chakraborty, Vice President (Technical) of Surya Roshni touched upon the various parameters in enhancing the interior illumination domain in lighting and the benefits and guidelines that could be derived out of the NLC.

*Light - Beyond Codes and Practice and our well being:* Ms Sudeshna Mukhopadhyay, Director Marketing, Philips Electronics highlighted the effect of light in our day to day well being and how it plays an unperceived but obvious role in our vision thus affecting our modern life style. In this presentation various issues came up which were not only interesting but specific to health care practice.

*Relevance of NLC in S&L Program:* Dr. Sandeep Garg, Economist of BEE touched upon the urgent requirement of the NLC in the context of our present state of Lighting and the conservation of energy with data and the explanation. The NLC will go hand in hand with energy efficiency in lighting.

### ***Future Trends in Lighting Designs with Respect to NLC***

*Photometry and Measurement:* Mr. Gautam Brahmhat, Senior Manager Verification Services, UL India gave a presentation on the various measurements and testing backed up by the measuring instruments to ensure safe, durable and energy efficient light. He also gave information on the setting up of a fully equipped testing lab in Gurgaon. This type of lab will definitely ensure better management of lighting requirement as per the NLC and its practice.

*Use of NLC for Road and Street Lighting:* Mr. S. Chakraborty of Surya Roshni once again made a wonderful presentation on the application of the code guidelines in the most important area of exterior lighting requirements with photographs and technical parameters.

### ***NLC for Solid State Lighting Application for Public Lighting***

*Future Trends of National Standards on LEDs:* Mr. D. Goswami of BIS Delhi highlighted the importance of standards for LED light sources and luminaries and indicated the need for standards to regulate this future and very important domain of lighting.

BIS is taking the initiative through this series of workshops on the NLC to create awareness of the great advantages of good lighting practice as outlined in the code in terms of energy conservation as well as issues of visual comfort, productivity and well being.

The next workshops are being held in Bangalore on June 30 and Chennai on July 1, 2011.