

**KARNATAKA STATE CENTRE**  
**Lighting Workshop for CPWD**  
February 18, 2010, Bangalore

About 45 CPWD officials of the rank of Sr. Architect, SE, ExE, AExE as well as Contractors attended a lighting workshop held by ISLE KSC in Bangalore.

Mr. Ramesh Garg welcomed the Chief Guest, Guest of Honour, Mr. Humne SE Elec., Delegates, and the Faculty Members.

Mr. Sathyendra, Hon. Secretary gave a brief introduction about ISLE and the projects undertaken by the Society.

Mr. M.S.N. Swamy in his inaugural address focused on the prime problems and the areas requiring attention by the lighting professionals and service providers.

Mr. Bhavani Prasad, former DG CPWD said that the need of the hour was a change in thinking and the creation of new methods while designing lighting keeping in view natural lighting and the use of controls. He also talked about the need for saving energy and protecting the environment

Mr. Humne highlighted the various methods adopted by CPWD in the conservation of energy and the plan to implement these concepts in new projects.

Mr. Ravindran gave a vote of thanks and invited the speakers to begin the technical session.

The following papers were presented:

*Source Management & Disposal*, Mr. M.S.N. Swamy, Chairman ISLE KSC

*A New look at Lighting*, Mr. Bhavani Prasad

*Energy Audit*, Mr. Ravi Rao

*Standards*, Mr. M.G.Sathyendra, Hon. Secretary. ISLE KSC

*Landscape Architect's Experiences in External Lighting Design*, Dr. Rommel Mehta, School of Planning & Architecture, New Delhi

*City Beautification*, Mr. K. Naveen, Bajaj, Electricals

*Lighting using LEDs*, Mr. M. Rawal & Mr. K. Kalaiselvan, GE Lighting

The concluding session was chaired by Mr. Bhavani Prasad. The issues discussed included:

- The harm to the environment from improper disposal of discharge lamps.
- LED usage, specifications, testing and guarantee of life, criteria for selection of LEDs. Also discussed was the need to replace neon lamps in signage applications for reduction of energy consumption.
- Fiber Optics as a source for increasing the life of artifacts, paintings, records, etc.
- Lighting pedestrian crossings and road intersections, and providing systematically designed lighting for the footpath for greater user comfort, increased safety for

pedestrians as well as motorists at a substantially lower cost than that of present street lighting.

The meeting concluded with thanks to the Chair and the delegates.