

KARNATAKA STATE CENTRE
Lighting Workshop
October 8, 2009, Bangalore

ISLE Karnataka State Centre conducted a workshop on Lighting at BESCOM in Bangalore. About 40 Engineers of the rank of SE, ExE and AE connected with maintenance attended the workshop.

Mr. Sathyaprema Kumar, GM welcomed the delegates, faculty members, the Managing Director and Technical Director of BESCOM and members of the media.

Mr. M.S.N. Swamy, Chairman, ISLE KSC welcomed Mr. Tushar Giri Nath IAS, the Managing Director, Mr. Nagesh, the Director Technical and Mr. Sathyaprema Kumar the GM of BESCOM and others present on behalf of Karnataka State Centre.

Mr. Sathyendra, Hon. Secretary, gave a brief on ISLE and its activities and projects undertaken. Mr. Tushar Giri inaugurated the workshop. In his inaugural address he focused on the prime problems and the areas requiring attention by lighting professionals and service providers. Mr. Sathyendra gave the vote of thanks and invited the speakers to begin the technical session.

The following papers were presented.

Source Management, M.S.N. Swamy

Lighting Controls, Ravi Rao

A New Look at Street Lighting, Bhavani Prasad

LEDs, Bipin Rajgopal

Latest Trends in Street Lighting, K. Naveen

Proper Disposal of Discharge Lamps, M.S.N. Swamy

The concluding session chaired by Mr. Nagesh was found to be interesting and educative by the delegates. The discussions covered the following topics.

- The environmental hazards caused by improper disposal of discharge lamps
- Energy saving by choosing the right light source from the wide range available rather than by switching off
- The use of LEDs and fibre optics to replace neon in signage applications to save energy
- Use of light sources without IR and UV emission for art objects and valuable documents
- Systematic lighting design for increased user comfort and safety of pedestrians and motorists including lighting of intersections and footpaths at a cost substantially lower than present street lighting
- Caution in the use of LEDs for commercial, industrial and road lighting till product stabilization and availability of proper testing facilities.

Mr. Nagesh requested the delegates to discuss what they had learned with their colleagues and others connected with lighting thereby leading to energy saving and environment protection.

Mr. Sathyaprema Kumar proposed a vote of thanks, thanking the speakers for their excellent presentations and inviting them to join hands for promoting lighting education as external faculty.