

KARNATAKA STATE CENTRE

## **Seminar on National Lighting Code**

June 30, 2011, Bengalooru

ISLE-KSC organised a one-day seminar on the National Lighting Code in association with BIS (Bureau of Indian Standards). The program was facilitated by the Institution of Engineers (India) Karnataka Centre and the National Design Research Forum.

The programme started with an invocation by Ms. Smruthi daughter of ISLE member, Mr. Manjunath. Mr. M.G. Sathyendra, Hon. Secretary. ISLE KSC was the Master of Ceremonies for the Inaugural function.

The Inauguration of the Seminar was done by Padmashree Dr. H.C.Visvesvaraya and Dr. Muralikrishna Reddy, Director, NDRF, welcomed the Dignitaries and the Delegates for the Seminar.

The Keynote address was given by Mr. Himamshu Prasad, CEO, Lighting & Industrial Division GE (India). He addressed the issue of energy and the possibility of enhanced efficiency through the use of LEDs with solar, electronics and controls in commercial buildings, integration of natural and artificial lighting and traffic density linked control systems for street lighting.

Mr. Trehan, Scientist 'F' and Head HRD BIS highlighted the importance of the National Lighting Code and the objectives of the programme, He thanked the Committee headed by Mr. P.K. Bandyopadhyay for putting together this important document.

Padmashree Dr. Vasagam Chairman NDRF emphasised the need for educating the future decision makers with the introduction of Lighting as a subject in the technical courses. He offered the partnership of NDRF with ISLE KSC in working out a scheme for the safe disposal of discharge lamps.

Dr. Avinash Kulkarni, President, ISLE released the Souvenir "Towards Green Lighting" brought out on the occasion, highlighting the Silver Jubilee Celebrations as well as a number of innovative programmes of the State Centre to spread awareness of lighting issues over the past 14 years.

Mr. Rajendra, Director BIS Bangalore read out the message of Mr. Alinda Chandra IFS, ADG, BIS.

Padmashree Dr. H.C.Visvesvaraya in his Presidential Address expressed the importance of integrating day light with artificial light. Further he emphasised the need for involvement of lighting engineers right from the beginning of a project not only save energy and light pollution, but to preempt problems like the Richmond flyover.

Mr. M.S.N. Swamy Chairman, ISLE KSC, outlined the various innovative programmes undertaken by the State Centre including publishing a book on Lighting for the common man and outreach programmes for Industries, Establishments, Institutions, Govt. Departments and rural areas. Mr. Swamy proposed the vote of thanks and handed over mementos to the Dignitaries.

### ***Technical Session Highlights***

The technical session consisting of lectures by experts involved in the drafting of the NLC was presided over by Mr. Bhavani Prasad, former DG(W), CPWD CPWD and Member of MC, ISLE-KSC.

Mr. P. K. Bandyopadhyay Chairman and Convener of the Panel for the National Lighting Code, presented an overview of the National Lighting Code and its scope of utilisation.

Mr. K. Naveen, General Manager and Head, Lighting Design, Bajaj Electricals, while presenting his paper on Interior Lighting and Street Lighting, touched upon the benefits of using the National Lighting Code as a guide.

Ms. Sudeshna Mukhyopadhyay, Director, Marketing - Education, Philips India, presented a paper on Light and the Rhythm of Life, underlining the role Light plays in our day to day life including the effects on human health and behavior.

Mr. Makarand Sainis, Vice President, Technology-CNI Group, WIPRO Lighting, in his presentation touched upon the Quality of Lighting, and how the National Lighting Code can help avoid compromising on the quantity or quality of Light.

Mr. D. Goswami, Director, BIS, Delhi spoke on the Importance of Standards and in particular about standards for LEDs. He indicated that the first draft had been published on the website and they are processing the suggestions and feedback received and working towards the publication of a standard.

The participation of the delegates and the quality of questions raised was very interesting and is a measure of how this event was a success.

The programme was attended by 178 delegates including Practicing Architects, Electrical Consultants, Electrical Contractors, IT Industry, MECON, representatives from Government organisations such as BESCOM, BBMP, KREDL, KPC, KPTCL, ISRO, BSNL, SSI, ICEAS, Railways, Educational Institutions such as RNSIT, UVCE, Impact, etc.; Lt.Gen(R) Sundaram, Brig. (R) Tyagi, Shri Ravi, CEO, Nichia (India), Shri Pushkal Raj Verma of Accenture, Mr. Prem Sunder, Lighting & Industrial Division GE (India), Dr. H. Nagana Gowda KPCL, Ar. Bharkatulha, GB Members, etc.

The event was well covered by National TV, E-Tv, U-Sri, TV-9 and the Hindu, Indian Express, E-Nadu, Kannada Prabha, Vijaya Karnataka Etc.

M.S.N. Swamy

Chairman, ISLE KSC