

ISLE Organised Programme

“SMART STREET LIGHTING & PHOTOBIOLOGY”

- NLC workshop at BIS



ETD department of Bureau of Indian Standard (BIS) has a Technical committee ET 49 for Lighting other than lamps and ET 23 for lamps.

ISLE is very much active in making and revising the standard both in ET 49 & ET23

ISLE has taken the responsibility of making the complete revision of the NATIONAL LIGHTING CODE (NLC). Dr. Rajat Mandal and Mr. Brij Bhatia are the co-chairman of the panel.

Dr. Mandal, Hon.General Secretary ISLE submitted the progress report of the NLC to ETD.

At the request of BIS ETD Head Mr. Rajeev Sharma and Secretary of ET49 Mr. Shyam Kumar, the workshop on the most challenging and talked subject “SMART STREET LIGHTING & PHOTO BIOLOGY” was organised at BIS Conference Room ON 9TH Feb 2018 by ISLE.

ETD Head Mr. Rajeev Sharma and Head of Registration department Madam Nishant S. Haque along with their full team of scientists attended the workshop.

Mr. Puneet Randeo, FISLE & member of the NLC from UL welcomed all and introduced the speakers. After brief introduction of all participants the need of the most challenging subject of the present day “Smart Street Lighting and Photobiology” were explained by Dr. Mandal and he also chaired the whole session.

Started with presentation on Photobiology by Mr. Satish Kumar & Mr. Himanshu Gupta from UL and shared their overseas test experience. Each and every aspect of the photobiology effects were discussed and all agreed that Photo biology tests are very important SAFETY aspect in present condition of India & will be part of NLC.

BIS members wanted more input on measurement technique. Now looking at the demand as per our study UL and other test lab wished to invest in putting the test facility equipped in India.

In smart street lighting season besides lighting experts, presentation made by industry experts from all related and relevant subjects like communications, Controller, project integrator.

Dr. Mandal explained the basis of the Smart Street Lighting and laid the foundation for experts to expand.

Mr. P.R.Lakshmana Rao, M.D Kakatiya Energy System Pvt Ltd, expert on controller which is the main subject of the Smart lighting system gave the life demonstration of the smart lighting and explained how it works.

Mr. Dharmendra Tomoar, DGM of Tata Power presented communications part and gave internet demo the commutations system.

Mr. Vivek Jain, expert on lighting design and IoT system, from Philips gave complete details of the driver and communications technique without the gate way.Workshop continued with presentation, brain storming, discussions & question and answer session for 4 hours. Mr. Rajeev Sharma, Head ETD, BIS expressed his satisfaction on getting illuminated on the most two important subjects and thanked ISLE for making the workshop successful.