

REGISTRATION FORM

Seminar on “ Lighting Technologies and Applications”

Name : Mr/Ms.....

Category : Member / Non Member

Profession :

Mailing Address

E-Mail

Mobile:

Payment Details of Course fee :

Signature

Course Fee :

Rs. 10,000/- per person

DD/Cheque in favour of
indian society of lighting engineers, payable in Chennai
non residential

maximum 30 participants

first come, first served basis

Mail this registration form to :

indian society of lighting engineers

C/o. **K-LITE INDUSTRIES**

D-10, Ambattur Industrial Estate, Chennai - 600058.

Tel : 044-26257710, 42281950. Fax : 26257866, 26243500

E-mail : islechennai@Lii2011.in, info@Lii2011.in

Course Sponsor

Indian Society of Lighting Engineers
(ISLE)

Course Organiser

ISLE / Chennai Centre

Organising Committee

Mr. Dilip Kumbhat
Chairman

Mr. R. Balasubramanian
Secretary

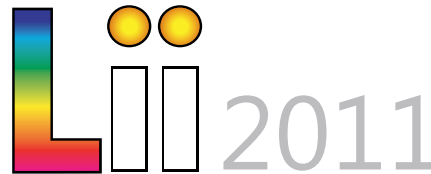
Mr. R. Nagarajan
GB Treasurer

Mr. S. Raghavan
Advisor

About ISLE

Indian Society of Lighting Engineers (ISLE) is a professional registered body in the field of illumination engineering with a broad based membership of scientists, engineers, architects, academicians, researchers and designers. ISLE is affiliated to the CIE, the International Commission on Illumination. ISLE is closely associated with the Bureau of Indian Standards, the Department of Science and Technology, the Ministry of Power and the Ministry of Non conventional Energy Sources.

★ ★ ★ Up Coming Event ★ ★ ★



LIGHT INDIA INTERNATIONAL

4-7 March 2011

Chennai Trade Centre, Chennai, India

E-mail : info@Lii2011.in Website : www.Lii2011.in

indian society of lighting engineers
Chennai State Centre



and

Lighting
Research Center



Seminar on “Lighting Technologies and Applications”

6th and 7th of December 2010

Chennai

Seminar on Lighting Technologies and applications

The seminar is designed to increase attendees' knowledge and awareness of energy-efficient lighting technologies, lighting application, and design strategies.

About the Seminar: Lighting Research Center (LRC) / USA faculty team will present interactive technical sessions including lectures, hands-on demonstrations of lighting technologies, workshop sessions, and other information on lighting for various settings. A lighting manual will be specially developed, summarizing the information provided in the seminars and giving participants a variety of tools to assist them to better select and apply lighting systems. The LRC will award continuing education credits and provide a continuing education certificate to each attendee of the seminar.

Topics to be covered : The Language of Lighting : Designers, specifiers, and manufacturers within the lighting industry use unique terms and concepts. These terms represent important concepts in the practice of lighting. Presenters will review these important terms and concepts.

Lighting Technology: Presenters will review the latest and most efficient lamp, luminaire, ballast, and control technologies typically used in commercial settings, including new and emerging energy efficient lighting technologies such as light emitting diodes (LEDs). Participants will be taught how to evaluate these technologies for quality, energy efficiency, and compatibility.

Lighting Audit, Evaluation, and Economic Analysis : Audit and evaluation of existing lighting conditions in a facility to identify opportunities for energy savings as well as improvements in the visual environment.

Human Factors in Lighting: Impact of lighting on human vision, the effects of aging on vision and how to use lighting to accommodate the visual needs of older adults, and partially sighted

Light and Color: Information on light and color, including correlated color temperature of light sources, color rendering metrics, spectrum, color and the human visual system, and other application issues .

Lighting Calculation: Point and lumen method calculations including calculation of coefficient of utilization (CU), light loss factors, etc., to assist in the design and specification of lighting equipment for interior spaces.

Daylighting Calculation and Analysis: Information on daylighting design and the calculation of daylight levels to assist in effective design of daylight buildings and evaluate options to improve daylight access and penetration in buildings; understand the impact of building site, building configuration, window and skylight configuration, materials, and glazing type on daylight penetration.

Lighting Design and Application: Recommended practices and important issues in lighting application and design for commercial, industrial, interior and exterior settings, retrofit an existing lighting installation versus a redesign and installation of a new system. Lighting requirements of interior and exterior spaces, including appropriate siting of lighting equipment and daylight availability analysis Develop designed illumination and lighting control systems, including fixture selection and design, and light source selection. Review case studies of lighting from a variety of commercial, residential, and industrial settings using the LRC's DELTA Portfolios and other available tools.

Venue :

The seminar will be held on 6th and 7th of December 2010 at :

GRT Grand Days Hotel

Gulmohar Hall in Convention Center - II Floor

No.120, Sir. Thyagaraya Road, T.Nagar, Chennai - 600 017.

Ph : 044 - 28150500 / 5500

About Lighting Research Center :

The Lighting Research Center (LRC) in USA is the world's largest university based research and education institution dedicated to lighting. It employs an expert staff of more than thirty five researchers, educators, designers, and scientists dedicated to "advancing the effective use of light and thereby creating a legacy of positive change for society and the environment." The LRC is part of Rensselaer Polytechnic Institute, the oldest technical university in the United States located in Troy, New York.

The LRC developed the first accredited Masters of Science in Lighting degree and remains the only institution to offer this advanced degree. It now also offers a one-year masters degree for lighting professionals, as well as a doctoral degree, the highest degree awarded in the field of lighting.

Resource Persons :

Prof. Russ Leslie, AIA, FIES,LC

Professor Leslie is the associate director of LRC and an expert on energy efficient lighting, architectural lighting design and day lighting . He is a practising architect licensed in Vermont and NewYork and has handled more than one hundred projects and planning studies. He has authored Lighting Pattern Books for Home and Outdoor Lighting and published more than fifty papers on various areas of lighting.

Ms. Yiting Zhu. Ph.D : Dr Zhu provides technical oversight to the product testing programs of LRC. She is an expert in optical design software and has modelled and designed many optical systems for LED luminaires. Dr Zhu conducts research projects and has published many research papers of energy efficient and LED lighting technologies.

Prof. Daniel Frering, LC : Prof. Daniel Frering is an adjunct assistant professor and the manager of education for the LRC. He teaches courses and seminars in lighting technology, day lighting, control systems, lighting applications and economic analysis. His current research includes photo voltaic outdoor lighting systems and energy efficient lighting for commercial buildings.