

Breakfast with Light 11

April 28, 2013, Mumbai

The 11th in the Breakfast with Light series featured Mr. Kaustabh Nandurbarkar who made a presentation on Understanding Light - A Qualitative Aspect of Lighting Design.

Mr. Nandurbarkar explained the qualitative aspects of illumination science and the need to understand Light as a medium, which connects humans and animals to the environment. The entire presentation was done in four parts:

Vision and Light: Overview of Light (visible Light) with its perceptive parameters, such as Focus selection, Adaptation, Accommodation etc, and its effective components.

Design objective: Understanding Light with its applications, thereby identifying needs like activity, biological and human factors etc. and drawing up the objectives e.g. environmental, efficiency, etc.

Design Aspects: Understanding the sources of light, distribution systems and application methods, thereby giving an insight into implementation of qualitative lighting with analysis and inferences from some illustrated executions.

New concepts: Review of new subjects, trends, concepts with illustration. (day light luminaires, Circadian rhythm, static and dynamic lighting etc.)

The Presentation concluded with a four point solution matrix, as follows:

- a) Identify priorities: Activity
- b) Recognise: Environmental objectives
- c) Understand: Biological factors
- d) Assign Correctly : Lamp and luminaires