

MP STATE CENTRE  
Lecture on Daylighting Techniques  
August 28, 2011, Indore

A large and encouraging audience of more than five dozen participants, witnessed an enthralling presentation by Er. Vinay Babar, Chairman IIID, Indore at the 22nd monthly Sunday breakfast meeting of ISLE MPSC. An Architect by profession, he spoke on Daylighting Techniques.

In a spectacular visual extravaganza Er. Babar covered the uses and applications of sunlight, process of fusion of energy, man-made fusion machines from Jt. European Taurus, exclusive reasons for using sunlight, for CRI (Colour Rendering Index), as a design element and as an energy conserver.

He augmented his talk by describing factors governing daylight analysis, orientation and shapes/sizes of windows coupled with G-value of transmission of light through glass; techniques of daylighting through windows, use of light reflectors at International airports etc.

He explained the concept of using light shelves and light tubes sawtooth roof, heliostats used in Cambridge MA, "Smart Glass", PDLC (Polymer Dispersed Liquid Crystal) displays, compatibility of natural and artificial light with fibre optic concrete, hybrid solar lighting, to the receptive and appreciative audience.

Er. Babar used case studies from Galleria in Milan and Rome, Italy, and the Louvre museum in Paris to highlight the technical details of these excellent daylighting projects.

The presentation elicited a large number of questions.

The program was conducted by Dr. A. Mittal, Director Management, Medicaps Institute of Technology & Management, Indore, and as a standard protocol, commenced with an encouraging welcome speech by chairman Er. Akhilesh Jain and concluded, with a vote of thanks and information by Hon. Sec. Er. Dinesh Wadhwa.