

SUBJECT: 2 day workshop on Climate Responsive Architecture

GUEST OF HONOUR: Prof. S. L. Kolhatkar

VENUE: PCCOE Auditorium

DATE: 27 Nov & 28 Nov 2016

TIME: 10:00 AM

ATTENDEES: 66 Students + 11 Faculty

SEMINAR CO-ORDINATORS: Ar. Rujuta Pathak and Ar. Priyanka Dumane

Prof. S. L. Kolhatkar has held around 8 prestigious positions since commencement of career in architecture. His contribution in molding architectural education is remarkable. He is honoured by various architectural bodies for his architectural research. He is an author of multiple research papers on Sustainable development.

A two-day workshop was conducted for the faculty and students to understand the building physics element and importance of considering these factors at preliminary design stage. A team of experienced professionals, conducted this workshop.

The aim of the workshop was, in the process of architectural design, we often observe difficulties in resolving the forces that affect the skin of the building. These forces are Thermal, Luminous, Acoustic and Aqueous environments, which need to be addressed at the schematic design stage, because most decisions, that affect building's energy use, occur during this stage. Each of these factors needs to be confronted in a serial discipline, using scientific method.

Passive Design Strategies: Formulate design strategies which are form generating and which also concentrate on revealing the relationships between architectural form, space and energy

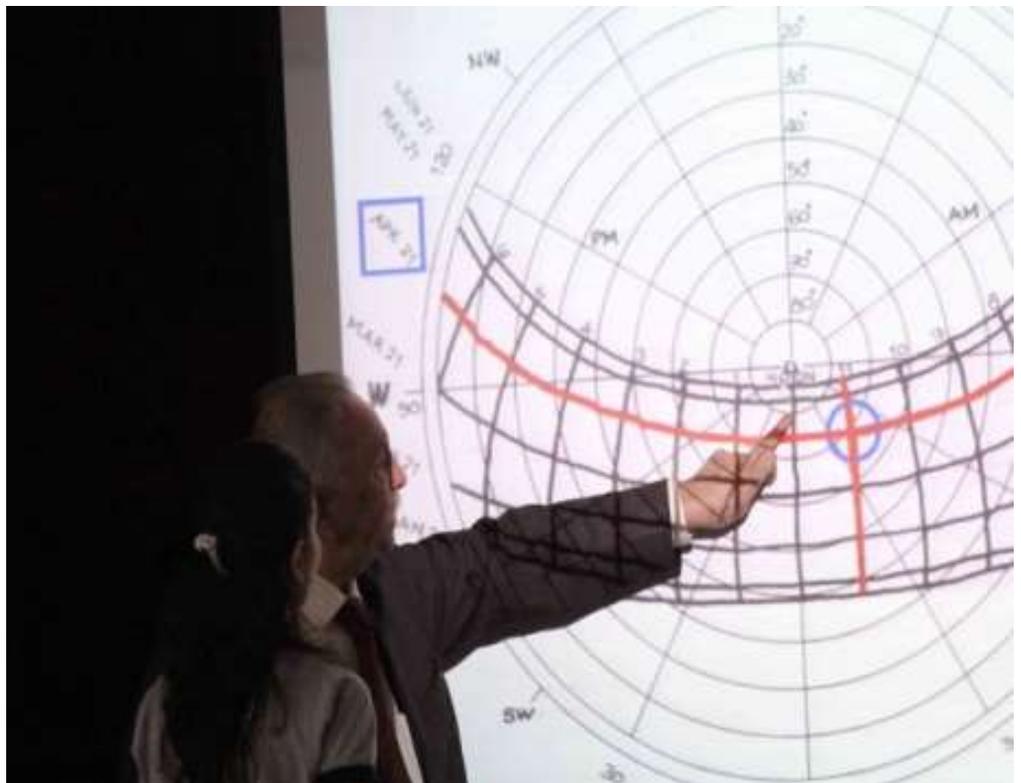
OBJECTIVE:

- To produce design solutions that are Eco-sensitive, Energy-efficient, Climate-responsive, User-friendly and Cost-effective.
- To help students understand the importance of passive strategies and allow them to explore this in their research.
- For faculty to understand various strategies and to help them incorporate the same in design guidance.

OUTCOME:

- Students have learned that the Sustainability is the key issue in studying environmental architecture, with energy efficient buildings, renewable energy applications, passive solar design and the use of environmentally responsible materials and some of the more practical applications.
- It was an insightful workshop for faculty and few have decided to take a study of these parameter and its applications in modern day architectural design.





Ar. Rujuta M. Pathak
Seminar Co-ordinator

Ar. Priyanka Dumane
Seminar Co-ordinator

Prof. Ujjwala Palsuley
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