

EMPHASIS:

- Climatology - Thermal design and ventilation, Daylighting.

CONTENT:

- Understanding Elements of Climate, Global Patterns and Classification of regions, Micro Climate and Thermal comfort factors, Concept of Bioclimatic chart, Effective Temperature and the applications.
- Thermal Quantities, Heat exchange of buildings, Architectural controls.
- Ventilation and air movement around buildings, design of opening and shading devices.
- Understanding use & application of materials in different climates
- Energy Efficient Rating Systems and its applications in Interior Design
- Introduction to various softwares