

# L J School of Architecture

Syllabus for B.Arch. 2019-20

First Year | Semester 2

Subject Code: 209|Subject: Climatology I | Credit: 02

## Course Content:

- Introduction to Climatology - Global climate factors
- Elements of climate
- Understand Climate and Comfort Zones - Classification of climatic zones
- Solar Geometry, its effect & importance
- Understand Passive means for various climatic zones: Orientation, Massing/Form, Fenestration Design
- Built Environment, conditions, impact and issues of climatic balance in traditional/vernacular and contemporary built environments.
- Macro and Micro Climate

## Methodology:

- Lectures, presentation, group discussions.

## Reference: