

CLIMATE RESPONSIVE TECHNIQUES IN WALLED CITY OF JAIPUR
For Students of Architecture
22-23 May, 2017

Aim of the workshop

To explore, learn and express the climate responsive techniques and how they are integrated in the built form of residential spaces in the historic city of Jaipur relative to human scale and activity.

Criteria of selecting the workshop theme

The students of first stage have studied space and circulation wrt built form and anthropometry along with subjects like Climatology. In the succeeding stage they are expected to build up responses in terms of local climate and understanding vernacular architecture.

This workshop will aid the students to study the indigenous ways of climate control in the built form of walled city.

Objectives:

- To understand how spaces can be planned in terms of local climate conditions.
- To develop an understanding of designing a wall section instead of just being a building surface.
- To bridge the gap between making plans, sections and elevations through observation based sketching.
- To encourage designing through sections.
- To enhance graphical skills for documentation.

Methodology:

1. Six groups @ 10 per group will be studying one haveli in detail of the respective identified havelis in Thatheron ka rasta in Chowkri Modikhana in walled city as explained by the accompanying resource persons.
2. They will be asked to make plans, elevations and sectional elevations of house form without measuring. The drawings will be in the form of proportionate sketches, done as simple line drawings with anthropometry, showing activities.
3. The main focus will be to capture how the built form responds to climate with the use of indigenous materials and its integration in a characteristic built form.
4. Learning to draw 1:10 wall sections and to build up a space from relationship via architectural elements and other features.

Expected Outcome:

1. Understand how a design response is developed respecting local climate and location.
2. Representation skills needed to communicate observations and experiences related to built form and climate while building up a visual narration.

Programme and Schedule:

The entire workshop is of two days from 22 to 23 May, 2017 as per the following sequential sessions:

22 nd May (Mon)	07:00 – 10:30 AM -	Sketching plans of havelis proportionately
	10:30 – 11:00 AM -	Tea break
	11:00 - 01:00 PM -	Sketching sectional elevations& related sketches while showing how light is coming in the house, air movement, mutual shading, sun shading devices, etc.
	01:00 – 02:00 PM -	Assessment of work by resource persons
23 May (Tues)	Presentation & summing up session at ASA	
	08:30 – 10:30 AM -	Preparing the drawings for exhibition
	10:30 - 11:00 AM -	Break
	11:00 - 01:00 PM -	Exhibition & Summing up by Peter Reich & others

Stationery: A3 size sketchbook with pencils of all grades and other rendering material

Resource persons : Pooja A (Coordinator for the workshop), Arundhati Sankhala ,Arti Parchwani, Arjan Dev Singh & Kapil Sharma