



NITH  
PDP

# 19



## Learnings from Vernacular Hill Settlements



Image Source: Photo by [Nomad Bikers](#) on [Unsplash](#)

### **Description of course**

#### ***Aim:***

To disseminate traditional knowledge of Resilient Vernacular Construction in Hills

#### ***Course Objectives:***

To edify a group of professional about community Resilience.

To disseminate the knowledge related to sustainable planning and designing of built environment in context to hill regions.

Understanding forces that are affecting our built form with changing societies.

To edify participants with issues in site development and built form (with focus on residential buildings) in the present context.

Making participants aware of stakeholders and their expectation in order to find solutions for future development in hill regions responsive to local socio-cultural context.



## Learning Outcomes:

Upon successful completion of the course, the participants will be able to

The course can contribute in making people responsive to decisions related to site selection, land suitability analysis, socio-cultural aspects and their role in shaping the built form in context with hill regions of Himachal Pradesh.

Understand to resilience of vernacular construction techniques.

## Course Structure

### **Course Duration:**

05 days

### **Course Frequency:**

The course is designed for professionals in the field of architecture and planning and is a part of resilient dissemination series through five distinct conceptualized PDP's.

### **Course Format:**

Day	Topic to be covered	Remarks
Day 1	Lecture series and group discussions on hill regions	4 Hours
Day 2	Lecture series and group discussions on built form in relation to hill areas	4 Hours
Day 3	Lecture series and group discussions on response of built form(residential) to the socio-cultural aspects of hill regions	4 Hours
Day 4	Lecture series and group discussions on analysis and assessment of existing built form	4 Hours
Day 5	Lecture series and group discussions on skill development and role of stakeholders	4 Hours

## Course Content

### **Prerequisites for Participation:**

Professional, academicians and participants from the reputed institutes and industry. Members of govt. bodies and NGO's working in the field of capacity building, Disaster management and resilience.



## Course Syllabus:

SI No	Day	Topic
1	Day 1	Traditional Settlements in the Natural Landscapes of the Hills
2		Role of GIS in Construction Management
3	Day 2	Methods of Enhancing Tourism in Hill Areas
4		Spatial Planning in Hill Areas through GIS
5	Day 3	Understanding Socio-cultural Response of Built up Spaces in Himachal Pradesh
6		Geospatial applications for Planning and Designing in Hills
7	Day 4	Analysis of Land Use and Land Cover Change using GIS
8		Understanding the Built Form in Response to Hill Areas
9	Day 5	Response of Built Form in context of Indigenous communities
10		Vernacular Architecture and Planning Laws in Hill Regions

## Course Assignments:

There are no assignments conceived for this course. Participation and active involvement in the lectures are sought.

## Expected Time Spent on Course:

Time spent in hours: 25 hours

Time spent in ECTS (European Credit Transfer and Accumulation System): 1 ECTS

## Course Grading

There is no course grading /marking for this course.

## Course Evaluation

### Evaluation Procedure & Criteria:

Based upon the common evaluation Performa prepared by WP4 leader institutes

### Faculty Evaluation:

Feedback will be attached and submitted for the course to WP3 and WP4 leader institutes



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### **Participant Evaluation:**

*There is no participant evaluation conceived for this course. Awarding the course completion certificate is based on both regular attendance and participation in the lectures.*