

**Course number:** S14FT002

**Credits:** 5

**Fees:** ₹ 20,000 /-

**Field Visit Expense:** approx. ₹ 18,000 /-

**Dates:** 5th May - 18th May 2014

(Travel dates may shift nominally based on ticket availability and fares)

**Duration:** 2 weeks

**Inhabitation:** Faculty of Technology

**Schedule:** 5 hours daily

**No. of students:** 20

**Prerequisites:** 2nd year onwards

**Location:** CEPT Campus & Project site (Sikkim)

**Student Deliverables:** Measured Drawings of traditional houses, various aspects of construction and joinery. Submission of Final report.

The objective of this course is to expose the students to the building forms, variety of local materials and construction techniques. It will emphasize on the structural systems, load transfer, earthquake resistance and other related aspects of the traditional structures of Himalayan region. The course will include teaching sessions followed by a study tour to Sikkim.

Sikkim has 3 major communities – Lepcha, Limbu and Bhutia, majority of them still living in traditional houses. Each community have different design criteria, uses different construction techniques and

materials. Sikkim also has several ancient Monasteries. The study schedule below has been prepared with an intention of visiting each of these traditional houses and a few monasteries in Gangtpl, Pelling, Hee Bermick Valley and Mangan.

**Schedule:**

5th - 7th May:

CEPT Campus: 09:30 - 12:30

8th - 18th May:

Travel within Sikkim visiting traditional & contemporary houses.



V. R. Shah  
Bhairav Patel  
Mangesh Belsare

# STUDY OF VERNACULAR STRUCTURES

THE HIMALAYAN REGION