



CASE STUDY VISIT – BAREFOOT COLLEGE, TILONIA

“SUSTAINABILITY – SOCIAL, ECONOMIC & ENVIRONMENTAL ASPECT”

OCTOBER 19, 2014

- Case Study: Barefoot College, Tilonia, Ajmer District (Rajasthan)
- Faculty Involved: Ar. Yash Pratap Singh Shekhawat
Ar. Siddharth Sharma
Ramakant Singh
- Duration: 0700 hrs to 2000 hrs (including to & fro travel time)
- Department: Architecture
- School: School of Planning and Architecture, Poornima University
- Subject: Sustainable Architecture (V Semester)
Sociology (V Semester)
Building Science I (Climatology) (III Semester)
- Year/Sem: B.Arch- IIIYr / V Sem
B.Arch- IIYr / III Sem
B.Arch- IYr / I Sem (10 students from each section)
- Number of students attended – 60
- Justification for Barefoot College, Tilonia as Case Study
 - Barefoot College, established in 1972, have been working since then with regards to community development. Later they adopted the concepts & model of sustainable development for their initiative.
 - The institute has excelled in creating a model of community control, management and development, which is an essential component of decentralized systems of functionality.
 - Barefoot college sets an overwhelming example of sustainability with respect to social, economic and environmental aspects in the vicinity of Jaipur.
 - Easily Accessible and approachable for the students, with minimum time consumed for commuting.



Photograph showing the interaction between students and concerned tour guide over the visit.

- Objectives of the visit.
 - To make students understand the relevance of various models of community participation and involvement to achieve high standards of social, economic and environmental sustainability.
 - To establish a direct relationship between climatology and sustainability.
 - To expose the students about the harsh realities of the rural life of backward regions of Rajasthan and how their population have overcome their limitations.
 - To show the students the mechanism of achieving high standards with minimum resources

- Proceedings of the visit
 - Architecture students of Poornima University visited Barefoot college, Tilonia. During the journey academic discussions were initiated.
 - A guided tour around the Barefoot Campus was organized for the students upon reaching the institute. The tour went through their solar development, rain water harvesting areas and the primary health centre.
 - This was followed with lunch at their special solar kitchen.
 - A documentary on the past works of Barefoot College and its sister concerns was presented to students after lunch.
 - The students group was then taken to the old campus of Barefoot College for showing the students the workshops and the involvement of various ethnic groups belonging to various nationalities. The workshops were the production areas for wooden toys, products out of waste material, textile patchwork, and solar cooker workshop.
 - In the end students did some shopping at their craft shop to support their initiative as well as created good memories.



Students taking keen interest in the explanations given by the trainer in solar research lab.

- Outcome of the visit –
 - The visit enabled students to understand the relevance of community involvement and participation to achieve the objectives of sustainability.
 - Also an understanding was created for the social, economic and environmental aspects of sustainability and their interrelationship.
 - The climate responsive nature of the buildings developed within the campus and its positive aspects were also understood.



Various photographs depicting the activities done by the students at Barefoot college, Tilonia