

SCHOOL OF ARCHITECTURE

Rural Studio and Outreach Project Policy

Introduction and Objectives

Research is an imperative need in the realm of higher education and the opportunity in the field of Architectural studies is multifaceted. With the larger objective to address a close engagement with the society and a deep concern for the environment the Rural Studio has been initiated in the current 4th Semester Core Course ARC451.

Its service-learning component is intended to build a deeper social and environmental responsibility within students as they graduate as Designers after the B Arch Program. The CHRIST Rural Studio 2018 has adopted Bamboo and its composite construction as the next generation sustainable construction material to provide for the community at large.

Beyond an outreach project, it is intended as a pilot project to initiate a social change and a huge opportunity for the community to awaken interest in harnessing local resources with local labour, causing a low impact on the environment and improving the quality of life of the region. The Studio would enable a community classroom to create awareness and offer training in Bamboo construction. The Studio is eventually intended to be offered as an International Architectural Short-Term Program for professionals and students of Architecture in the coming years.

Methodology:

The project would be envisaged as an Applied research project through an outreach project. The Proposed research process to be conceived as part of the CHRIST Rural Studio Project 2018 including students of semester 4 of B Arch Undergraduate Program at School of Architecture. The exploration is designed under 5 major phases;

1. Knowing the Material and skill development process through a minimum of 2 Professional Workshops on Working with chosen material and a detailed Literature Survey.

2. Experimentation with joinery details of structural members and innovation in technique. The phase could be embellished with an outreach project for the community in association with an identified NGO organisation with expertise in the chosen material of construction and its application.
3. The prototyping and (modular) design explorations could be conducted remotely from the site, in the campus.
4. Assembly of the prototype at an identified site which requires this alternative application of material on a chosen Rural site.
5. Gathering the observations on performance of Bamboo as structural and non-structural engineered members in composite construction. Development of research finding and research writing in association with undergraduate students.

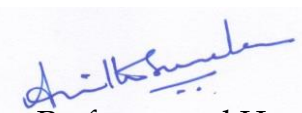
Funding:

The funding for the project may be obtained from an external agency with strong intent to encourage research and publication at an Undergraduate level. Eventually when it is rolled out as a program it is intended to attain a self-funding model by integrating it with the consultancy and patents that it may generate.

Evaluation

The Continuous evaluation of internal progress would be integral to the Studio process. The ESE viva-voce examination may be conducted in 2 phases starting at the 10th-12th week of the semester and on completion of semester.

Any other decisions/suggestions can/will be taken by either the Dean/Associate Dean/Head of the department of School of Architecture.



Professor and Head
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2018
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