

**DEPARTMENT OF ARCHITECTURE
VEER SURENDRA SAI UNIVERSITY OF
TECHNOLOGY, BURLA
SAMBALPUR, ODISHA**

**UGC SPONSORED WORKSHOP
5 – 9 November 2019**

APPLICATION FORM

1. Name:
2. Designation:
3. Organization:
4. Address:

5. Contact No.:
6. E-mail:
7. Academic Qualification:

8. Experience (in years):

Please register me for the UGC sponsored workshop titled “EARTH BASED CONSTRUCTION TECHNIQUES” to be held at VSSUT Burla from 5th to 9th November 2019.

Place: _____
Date: _____ Signature of the applicant

ELIGIBILITY

The workshop is open for faculty members, practicing architects, engineers, research scholars and students.

REGISTRATION

Interested persons are required to submit the registration form in prescribed format to the coordinators of the workshop on or before 4th November 2019.

VENUE

Department of Architecture
VSSUT Burla, Sambalpur.

IMPORTANT DATES

Last date of receiving application- 4th Nov 2019
Commencement of workshop- 5th-9th Nov 2019



**UGC SPONSORED WORKSHOP
ON
EARTH BASED CONSTRUCTION
TECHNIQUES**

5 – 9 November 2019

Coordinators
**Dr. Bharati Mohapatra
&
Ar. Shaswat Sekhar Sarangi**



**Organized By:
DEPARTMENT OF ARCHITECTURE
VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY
BURLA, SAMBALPUR-768018
ODISHA**

ABOUT THE UNIVERSITY

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha act 9 of 2009 by upgrading to a unitary state university, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam - longest in Asia. Burla is known as intellectual capital of Odisha with VSSUT, VSS Institute of Medical Science And Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. It is located 12 km away from Sambalpur railway station and 3 km away from Hirakud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The university offers B.Tech., B.Arch, M.Tech., Dual Degree, M.Sc, Int. M.Sc., MCA and PhD.

DEPARTMENT OF ARCHITECTURE

The Department of Architecture was established in the year 2013 in VSSUT, Burla. Presently, the department is offering a five-year undergraduate B. Arch course with an emphasis on professional training. It also offers PhD degree. Its teaching program covers the broad spectrum of understanding, designing and constructing human habitat and environment. The course opens up opportunities for advanced studies and professional career in designing, planning and managing of built environment and extends to new frontiers of allied disciplines. The department has the unique advantage of developing within a reputed technical university and connecting with the oldest and highly experienced multi-disciplinary faculty of Odisha.

The department envisions to achieve excellence in learning, research and innovation in the field of Architecture, and create an enabling environment of confidence and capability to take up academic and professional challenges by encompassing progressive technological know-how while being sensitive to the environmental and cultural ethics.

WORKSHOP OBJECTIVE

The human civilisation is challenged by impending environmental crises, with increasing urbanisation and demand of affordable housing, and its associated problems of resource provision and management. This has made it all the more important to explore alternative idea, approaches and technologies. And a lot of times we find alternatives in traditions, in simplest of forms, which can be reinterpreted to suit the changed time and context.

Earth based building techniques involves one of the oldest form of construction materials that has been tried and tested for thousands of years. India, Egypt, Pakistan, Iran, Iraq, and Nepal, all have examples of ancient cities and large buildings built in various forms of earthen construction. Mud construction system is less energy intensive and very effective in different climatic conditions. There can be different manifestations of mud, based on the characteristics of mud, availability of supporting materials and technology to be used. Different types of earth construction technique include Adobe or Sun-dried bricks, Cob, Rammed earth, Pressed brick, and Wattle and Daub.

At this juncture, it is important to make the students sensitive towards the environment, and enable them to understand and apply earth based building technologies as alternative, smart yet

conventional construction technologies. This workshop on "Earth Based Construction Techniques" is framed keeping in view the need of hands on training on building construction techniques required for the Faculty and students of Architecture and Civil Engineering, where they will learn earth based building techniques through demonstration of Rammed-Earth construction technique.

RESOURCE PERSONS

Academicians from reputed institutions as well as practicing professionals will deliver lectures as well as will conduct practical sessions during the workshop.

ORGANIZERS

Chief Patron

Prof. Atal Chaudhury,
Vice-Chancellor, VSSUT Burla

Patrons

Prof. B.B. Pati, Dean, F&P
Prof. U.R. Jena, Dean, CDCE

Coordinators

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