



MVPS's COLLEGE OF ARCHITECTURE

**CERTIFICATE COURSE ON
PARAMETRIC EXPLORATIONS WITH
BAMBOO**

From 26th to 29th Dec 2018

Exclusively for Second Year B.Arch Students

COURSE OBJECTIVES :

- To know bamboo as a sustainable building material.
 - To learn bamboo joinery details
 - To experience working with bamboo as a construction material.
- To know Various architectural innovations in façade and pavilion design with bamboo

Day 1	Understanding various types of bamboos, the treatment given to them to increase their life and project illustrations
Day 2	Designing a parametric façade for the college building along with a hyperbolic pavilion.
Day 3	Designing a parametric façade for the college building along with a hyperbolic pavilion.
Day 4	Completion of work by students

Expert faculty:

Ar. Akshay Jadhav and Rajdeep Vanderkar

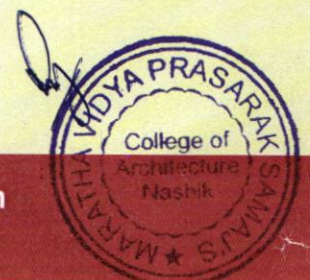
Architect, The Side Lane – Design Co.

Co -ordinator:

Prof. Suruchi Randive

Duration : 26th to 29th Dec 2018, , 8:00 am to 4:00 pm

Venue : MVPS's COLLEGE OF ARCHITECTURE, NASHIK





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

CERTIFICATE COURSE ON PARAMETRIC EXPLORATIONS WITH BAMBOO FOR S.Y.B.ARCH

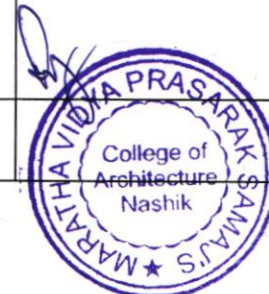
Co ordinator – Prof. Suruchi Ranadive
Workshop conductor – Ar. Akshay Jadhav and team
Dates – 26th, 27th, 28th, 29th December 2018
Timings – 8.00 a.m.to 4.00 p.m.

OBJECTIVES –

- To understand bamboo as a material, its application, uses, advantages and joinery details
- To gain practical knowledge of bamboo as construction material through hands on working.
- To sensitize students towards bamboo as a sustainable building material.

SCHEDULE -

TIME	ACTIVITY	CONTENT	ASSESSMENT	FACULTY
DAY 1 – 26TH DECEMBER 2018 - WEDNESDAY				
8.00a.m to 10.30a.m.	Introduction and presentation to students in L5 on finalizing locations	Various types of bamboos, the treatment given to them to increase their life and various projects carried out by them.		Suruchi R., Purva S., Kiran K. Anil T., Rachana B., Shramishtha S., Gurav A., Hemant T., Jui S.(After lecture)
10.30a.m. to 11.00a.m.	Break			
11.30a.m. to 4.00p.m.	Sketching and Onsite Exploration (Hands on working)	Options for Parametric façade design and relevant modules.		
DAY 2 – 27TH DECEMBER 2018 - THURSDAY				
8.00a.m to 11.00a.m.	Onsite installation (Hands on working)	Working on modules for façade and pavilion erection – various joinery techniques		Suruchi R., Purva S., Kiran K. Anil T., Shramishtha S., Gurav A. (after AGD) , Hemant T., Jui S.
11.00a.m. to 11.30a.m.	Break			





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11.30a.m. to 4.00p.m.	Partial installation of structures by all the teams (Hands on working)	Working on modules for façade and pavilion erection – various joinery techniques	Stage 1 – Sketches and joinery models	
DAY 3 – 28TH DECEMBER 2018 - FRIDAY				
8.00a.m to 11.00a.m.	Onsite installation (Hands on working)	Façade and Pavilion erection – various joinery techniques		Suruchi R., Purva S., Kiran K. Anil T., Shramishtha S., Gurav A., Hemant T., Jui S.
11.00a.m. to 11.30a.m.	Break			
11.30a.m. to 4.00p.m.	Onsite installation (Hands on working)	Façade and Pavilion erection – various joinery techniques	Stage 2 – Bamboo Façade	
DAY 4 – 29TH DECEMBER 2018 - SATURDAY				
8.00a.m to 11.00a.m.	Completion of structures erection	Façade and Pavilion erection – various joinery techniques	Stage 3 – Bamboo Pavilion	Suruchi R., Purva S., Kiran K. Anil T., Rachana B., Shramishtha S., Gurav A., Hemant T., Jui S.
11.00a.m. to 11.30a.m.	Break			
11.30a.m. to 4.00p.m.	Discussion and concluding session	Discussion on experience of working with the material		

- Attendance of all the students is compulsory
- Groups of students will be formed for continuous working
- Teachers will be allotted per group for effective working.

ASSESSMENT PROCEDURE-

- Assessment will be done at three stages as mentioned in the schedule based on the quality and completion of work.
- Each stage will be marked out of 10 marks – Total 30 marks.
- Certificates will be awarded to the students securing min 50% marks.

