



म. वि. प्र. समाज कॉलेज ऑफ आर्किटेक्चर



रचना संसद अकॅडमी ऑफ आर्किटेक्चर.

Faculty:

Ar. Geetanjali Patil
Ar. Umesh Hrve
Ar. Nishtha Karkhanis
Ar. Ketki Manolkar
Ar. Sharmishtha Surajiwale
Ar. Ankita Pathare
Ar. Sachin Wagh
Ar. Nakul Bhavsar

Workshop on **Exploring
Patterns**

Faculty:

Ar. Shripad Bhalerao
Ar. Joel Roy
Ar. Teja Gavankar
Ar. Recheal Mewada

Venue: MVPS'S College of Architecture
campus

Date: 14th Oct. 16 to 16th Oct. 16

Time: 8:00 to 6:00 PM

Exhibition: 16th Oct. 4:00 PM to 6:00 PM





MVPS's College of Architecture, Nashik
and
Academy Of Architecture Unaided, Mumbai



Certificate Course - A Joint Workshop on 'Exploring Patterns'

Curriculum and detailed activity schedule

Exploring Patterns through unit and repetition and fractals. At Nasik on 14th, 15th and 16th October 2016

The Team:

Team AOAU : Prof. Shripad Bhalerao, Ar. Joel Roy, Teja Gavankar, Ar. Recheal Mewada
Team MVPS's COA : Prof. Umesh Hirwe, Prof. Ketaki Joshi, Prof. Gitanjali Patil, Prof. Nishtha K., Prof. Ankita Pathare, Prof. Sharmishtha S., Prof. Sachin Wagh, Prof. Nakul Bhavsar

Number of students:

From AOAU – 39 students
From MVPS's COA – 81 students

Aim:

- To explore patterns in geometry and simplify them using basic rules of geometry. Adopt the patterns to create Unit.
- Repeating the unit to arrive at a progressive or fractal pattern.
- Using the pattern explore various making techniques like weave, connect, join and build a human scale form. To erect the form with basic functions around or within it.

Learning Objective :

- To Understand simple geometric patterns.
- Learn to set rules to develop rule based pattern
- To explore unit and repetition in Two dimensional and three dimensional geometry
- To explore making materials like Bamboo, Corrugated Board, Petbottles, Rope and Used flex with various properties.
- To make large size pattern based models with hand on skills to be learnt.
- To understand form and basic functions once the installation is ready.

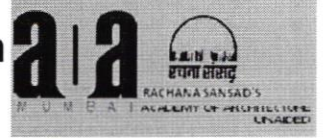
Methodology:

- One pre workshop module on fractals and unit and repetition will be run by both institutes prior to the actual workshop
- The patterns created in Pre Workshop Module will be Identified and Curated by the faculty for final making modules to be erected during workshop.
- During 3 days of workshop the students will create prototypes, joint them in a rule based manner and finally erect and or install the large scale installation.
- This is an explorative workshop to understand rule based incremental geometric patterns

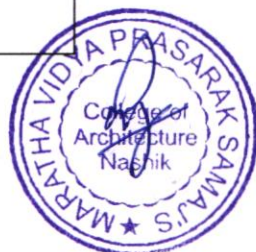




Certificate Course - A Joint Workshop on 'Exploring Patterns'



| Time | Topic | Activity |
|----------------------|--------------|---|
| Day 1, Oct 14 | | |
| 8:00 AM | Patterning | Session 1 begins In session 1 introduction of all students and faculty. Introductory presentation by Ar. Shripad and Ar. Joel |
| 11:30 AM | Patterning | Session 2 Students start exploring geometric patterns shortlisted and start preparatory drawings/sketches |
| 1:00 to 2:00 PM | | Lunch Break |
| 2:00 PM | Processing | Session 3 This session begins with choosing the pattern and starting converting its kit of parts. |
| 4:00 PM | Prototyping | Overall joint discussion and groups presenting prototype option to choose from |
| 4:30 to 6:00 PM | Prototyping | Finalizing the basic module and start making multiple unit |
| Day 2, Oct 15 | | |
| 8:00 AM | Prototyping | Students join session 1 after completing their breakfast Identification of site for installation and continue making individual prototypes |
| 11:00 AM | Construction | Session 2 begins with understanding joinery of metal, wood, bamboo, rope etc With respect to the prototype designed |
| 1:00 to 2:00 PM | | Lunch Break |
| 2:00 PM | Construction | Session 3 This sessions students begin assembly and understand process and methods of assembly |
| 4:00 PM | Construction | Session 4 continuation of making assemblage |





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|------------------------|---------------------|---|
| | | This day work will continue for a longer duration |
| | | |
| Day 3, Oct 16 | | |
| 8:00 AM | Construction | session 1 Actual assembly on site with proper supports etc begins |
| 11:00 AM | Construction | Session 2 in this session final installation on site with all detailed ties etc. |
| 1:00 to 2:00 PM | | Lunch Break |
| 2:00 PM | Construction | Session 3 in session 3 there will be final finishing and stabilizing the installation and trying to complete it. |
| 4:00 to 6.00 PM | Construction | session 4 exhibition of installations. And grand celebration of completion of work. concluding the workshop with guests invited giving crits to students. |

Assessment procedure:

Assessment will be done based on the work done in 4 major stages during 3 days viz.

- Patterning,
- Processing,
- Prototyping
- Construction

Each stage will be marked out of 10 marks, Total 40 Marks

Students securing more than 50% marks will be awarded with the certificates.

