



Joint Workshop between Academy Of Architecture Unaided and MVPS's College of Architecture

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

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, Pet bottles, 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.

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Instructions for Students

1. All students shall report to AOA UA Prabhadevi premises on Ground floor at 6:00 AM on Friday 14th October. The bus will leave at 6:15 Sharp. Since the Nasik Highways gets traffic after 9 am its advisable to start early.
2. All students will carry following
 - a. Clothes suitable for working outdoors with different materials. Preferably full jeans, and thick Shirt of T shirt to protect from Sun, Sports Shoes preferable, please carry caps and glares for some time of the day we will work outside in sun.
 - b. Carry sunscreen cream or lotion if you get sunburns
 - c. Carry big size napkins
 - d. If you are having any chronic ailment or if you are undergoing any medication please inform the concerned faculty in advance and carry all your medication with you. We will carry first aid kit with us. We request you to carry some basic things like band aid, cotton and any specific emergency medicine that suits you as per your family phesicians guidelines. Also let us know if you are advised not to take paracetamol or any painkillers etc by your Doctors.
 - e. If you are allergic to any thing in air or any food ingredient please inform and avoid such situation in three days.
 - f. No one will be allowed to leave the premises during day time and the stay facility during night time.
 - g. No student will go anywhere without prior knowledge of the concerned faculty.
 - h. All the students have to follow discipline and adhere strictly to the instructions give by the faculty in charge.
 - i. While working with tools students have to follow safety norms and handle tools carefully.
 - j. Smoking and Consumption of Alcohol and any other substances is strictly prohibited in The Premises and the Stay facility.
 - k. The breakfast Lunch and dinner is arranged in the college premises only.
 - l. Students Must carry and wear their ID cards all the three days of the workshop.
 - m. Since it is a making workshop there will be group work . This working may continue beyond 6 PM till 9 PM if the need be. Since it is a group work proper planning and division of work in team will lead to a successful end product.
 - n. The total expenses for three days are 2400/- and shall be paid to the class In charge before Thursday 13th October. Along with the signed copy of the tour program by the Parents/Guardian.**
 - o. Students shall carry Sketch book, Steel scale, Fevicol, Cutters, Sketching pencils and markers and all model making kit with Cutting Mat. please carry sufficient side smacks for ypu preferably home made dry snacks. There is a good filtered pure water available at the venue. It will be advisibpe to carry empty water bottles with**
 - p. Please avoid carrying any valuables and please keep track of your cell phones and other important belongings that will be all students responsibility.**

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The Team:

From AOAUA there will be a team of 4 guides leaving with the students

Ar. Shripad Bhalerao 8097132799 Associate Prof. Core Faculty

Ar. Joel Roy 8452956238 Visiting Faculty ALD

Teja Gavankar 9867796977 Visiting faculty ALD

Ar. Recheal Mewada

**There will be total 8 faculty from The Nasik College out of that our
single contact points is**

Ar. Nishtha Karkhanis 8087342381

From our college in all 39 students will be going

**Final list of students going will be prepared on Wednesday 13th
October.**

Total expenses of the Nasik workshop for 3 Days is Rs. 2400/-

That includes

ST bus fare from AOA to Nasik and Return to AOA

Stay Facility for 3 days 2 nights

All breakfasts, Lunches, evening tea and Dinners.

All the cost of Material That will be required to make all installations.

**There are 80 students from Nasik College and the cost of Material to be
procured is divided equally between all the 120 students of both the
colleges.**

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Schedule of the Workshop

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| Day 1: oct 14 | 6:00 am 8:00 PM 6:30 am 10:00 10:30 11:30 1:00 to 2:00 PM 2:00 PM 4:00 PM 4:15 PM 4:30 to 6:00 8:00 PM | <p>ST bus arrives at Rachana Sansad Dinner AOA premises Bus leaves for Nasik It is a 3 hour 30 Minutes journey In normal traffic We reach Nasik Session 1 begins In session 1 introduction of all students and faculty. Introductory presentation by Ar. Shripad and Ar. Joel Session 2 Students start exploring geometric patterns shortlisted and start preparatory drawings/sketches Lunch Break Session 3 This session begins with choosing the pattern and starting converting its kit of parts. Tea break Overall joint discussion and groups presenting prototype option to choose from Finalizing the basic module and start making multiple unit Dinner</p> |
| Day 2: Oct 15 | 8:00 am 10:30 to 11:00 11:00 1:00 to 2:00 PM 2:00 PM 4:00 PM 4:15 PM 8:00 PM | <p>session 1 Students join session 1 after completing their breakfast Identification of site for installation and continue making individual prototypes Small break for common discussion Session 2 begins with understanding joinery of metal, wood, bamboo , rope etc With respect to the prototype designed Lunch Break Session 3 This sessions students begin assembly and understand process and methods of assembly Tea break session 4 continuation of making assemblage This day work will continue for a longer duration Dinner</p> |

