

## WORKSHOPS 2019 - 2020

Name of the event : Parametric Architecture –Slicing And Waffle Systems

Date and day of the event : 5th,6th and 7th February 2020

### Poster of the Event



### Event Description:

This workshop on Parametric Architecture – Slicing and Waffle Systems was conducted at Vidya Pratishthan School of Architecture from 5th to 7th February 2020.

The aim of this workshop was to introduce and expose the students to new concepts and fabrication techniques in Parametric Architecture. Students of 4th year and 5th year of Architecture were involved in this workshop.

These students were exposed to 3D printing technology, Laser cutting for slicing and waffle fabrication as part of individual submission. Large scale waffle system model was also carried out as a part of group submission.



Presentations on Parametric Architecture by Ar. Shruti Dandage and Ar. Mohammad Taha.



Working on Large scale Fabrication



Output for Large scale Fabrication

**Origami Concept and its implementation in architectural structures.**

**Parametric architecture – slicing and waffle systems**

Initiated by : Dr. Smita Suryawanshi  
Conducted by : Ar. Shruti Dandage and Ar. Mohammad Taha



## WORKSHOPS 2019-20

Name of the event : Workshop On Parametric Architecture – Biomimicry: Patterns In Nature

Date and day of the event : 25th and 26th February 2020

### Poster of the Event

The aim of this workshop was to introduce and expose the students to new concepts of Biomimicry and Parametric Architecture.



**WORKSHOP ON PARAMETRIC ARCHITECTURE – BIOMIMICRY: PATTERNS IN NATURE** conducted at V.P Dr. P.G Halakatti College of Engineering and Technology's Department of Architecture

Faculty coordinators:  
Ar. Shruti Dandage, Ar. Snehal Gade

Attended by: Students of 2nd Year M Arch

Faculty Attended:  
Ar. Shruti Dandage, Ar. Snehal Gade , Dr. Smita Suryawanshi

Students working on their models

### Event Description:

This workshop on “Parametric Architecture – Biomimicry: Patterns in Nature” was conducted at V.P Dr. P.G Halakatti College of Engineering and Technology's Department of Architecture from 25th to 26th February 2020. The aim of this workshop was to introduce and expose the students to new concepts of Biomimicry and Parametric Architecture. Students of 3rd year and 4th year of Architecture were involved in this workshop. These students were exposed to different patterns in nature and its applications in architecture. Students created virtual and physical models as a part of their group assignment.



Presentations by the experts



Attendance for the workshop



Students working on the models