



Mahatma Education Society's

## PILLAI HOC COLLEGE OF ARCHITECTURE

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via Panvel, Dist- Raigad, Pin: 410207

Tel: 02192- 669002

Web: [www.phcoa.ac.in](http://www.phcoa.ac.in)

mail: [phcoadmin@mes.ac.in](mailto:phcoadmin@mes.ac.in)

Approved by COA, Government of Maharashtra and Affiliated to University of Mumbai

Inst. Code- AR3427

### STUDENT DEVELOPMENT PROGRAM

Learning | Growth | Projections

# landscape architecture.

Trees of Mohopada, Khalapur

For Registration:



For further enquiry:

+91 8788268651

+91 8292858882

Faculty co ordinator  
Prof. Abhishek C.

02 nd to 06 th May, 2023

10 am Onwards

Pillai HOC College of  
Architecture

Pillai HOCL Educational  
Campus, Rasayani

Eligibility for the course : 1st & 2nd year (B.Arch students)  
(Max 30 Students)

course fees : ₹ 200/- (For PHCOA) ₹ 1000/- (For Others)



Pillai

PHCOA  
PILLAI HOC COLLEGE  
OF ARCHITECTURE

*Am Say*





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<b>Course Name: Landscape Architecture</b>			
<b>Course Co-ordinator: Prof. Abhishek Chakraborty</b>			
<b>Sr. no.</b>	<b>Name of the student</b>	<b>Semester</b>	<b>Division</b>
1	PHATAK ADITI RAJESH	2	
2	DODIYA HIMANSHI BHARAT	2	
3	KAMBLE PRANITA JAYAWANT	2	
4	SUPEKAR RASHI RAHUL	2	
5	VARADKAR VARAD GURUDATTA	2	
6	KALWAR AISHWARYA RAJESH	4	
7	NIKAM SAHIL SANTOSH	4	
8	MADHAVI SANIKA SAMEER	4	
<b>Total no. of participants: 8</b>			





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Tel: 02192 - 669002 / 669003

Website : [www.phcoa.ac.in](http://www.phcoa.ac.in) Email : [phcarch@gmail.com](mailto:phcarch@gmail.com)

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<b>Title of the course</b>	:	Landscape Architecture (Trees of Mohopada)
<b>Course Duration (Hours)</b>	:	30
<b>Course Aim</b>	:	To enable participants to identify trees, significance of various attributes, and conduct detailed research and analysis for one selected tree through graphical representation
<b>Course Outcomes</b>	1	Participants will be able to classify different parts of a plant
	2	Participants will be able to illustrate various attributes of plants
	3	Participants will be able to differentiate between various types of plants
	4	Participants will be able to outline physical and behavioural characteristics
	5	Participants will be able to research and assess the attributes of the selected plant/tree for detailed study
	6	Participants will be able to create a comprehensive poster/chart with all morphological details of the selected plant/tree for study
<b>Mode of Delivery</b>	:	Lecture, field visit, poster making and presentation
<b>Course Coordinator</b>	:	Abhishek Chakraborty
<b>Course Instructor</b>	:	Abhishek Chakraborty

### Detailed Course Content

Day 1		
Lecture No.	Time	Content
1	10.00 am-11.00 am	Lecture - Plant Taxonomy
2	11.00 am-12.00 Noon	Lecture – Plant Physiology
3	12.00 Noon -1.00 pm	Lecture – Plant Physiology
4	1.30 pm-2.30 pm	Lecture – Plant Physiology
5	2.30 pm-3.30 pm	Quiz
6	3.30 pm-4.30 pm	Discussion of quiz results and briefing for field visit



*Approved by COA, Government of Maharashtra and Affiliated to University of Mumbai***Day 2**

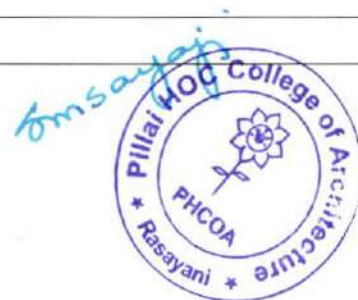
Lecture No.	Time	Content
7	10.00 am-11.00 am	Field visit – visit to Mohopada to identify and document trees. A group walk to understand the area and general awareness of the village.
8	11.00 am-12.00 Noon	Field visit - each student selects a tree and documents/studies it in detail with help of sketches, photographs, etc.
9	12.00 Noon -1.00 pm	Field visit
10	1.30 pm-2.30 pm	Field visit
11	2.30 pm-3.30 pm	Field visit
12	3.30 pm-4.30 pm	Discussion of day's proceedings – direction for further work

**Day 3**

Lecture No.	Time	Content
13	10.00 am-11.00 am	Lecture – Landscape Character of the region
14	11.00 am-12.00 Noon	Lecture – Forest typology of the region
15	12.00 Noon -1.00 pm	Lecture – agro-climatic zones
16	1.30 pm-2.30 pm	Briefing – for data presentation by students
17	2.30 pm-3.30 pm	Presentation by students – field visit data and research
18	3.30 pm-4.30 pm	Presentation by students – field visit data and research

**Day 4**

Lecture No.	Time	Content
19	10.00 am-11.00 am	Studio – Poster making - students work on data assimilation, drawings and research
20	11.00 am-12.00 Noon	Studio – Poster making
21	12.00 Noon -1.00 pm	Studio – Poster making
22	1.30 pm-2.30 pm	Studio – Poster making
23	2.30 pm-3.30 pm	Studio – Poster making
24	3.30 pm-4.30 pm	Studio – Poster making





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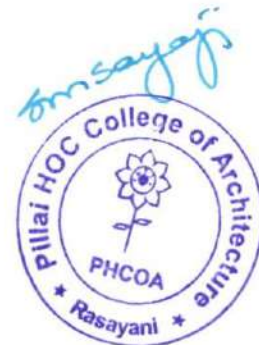
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**Day 5**

Lecture No.	Time	Content
25	10.00 am-11.00 am	Studio – Poster making
26	11.00 am-12.00 Noon	Studio – Poster making
27	12.00 Noon -1.00 pm	Studio – Poster making
28	1.30 pm-2.30 pm	Exhibition and evaluation
29	2.30 pm-3.30 pm	Exhibition and evaluation
30	3.30 pm-4.30 pm	Exhibition and evaluation





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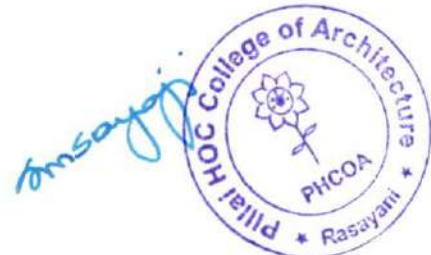
### Landscape Architecture – Trees of Mohopada

Academic year: 2022-23

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Objectives</b>	To learn about vegetation typology, various types of trees and their natural habitat, types of forests, plant physiology and be able to identify and study a particular tree in detail.
<b>Name of resource person(s)</b>	Abhishek Chakraborty
<b>Introduction about the resource person</b>	Designated Partner Landscape Architect at Relict Landscape Collaboration LLP, Associate Professor at Pillai HOC College of Architecture
<b>Date and time</b>	2 <sup>nd</sup> May, 2023 to 6 <sup>th</sup> May, 2023 – 10am to 4:30pm
<b>Venue</b>	Studio Nos. 201, 202, and 203, 2 <sup>nd</sup> Floor, PHCOA
<b>Faculty coordinator</b>	Abhishek Chakraborty
<b>Supporting staff</b>	NA
<b>No. of students Registered</b>	8
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, Pillai HOC College of Architecture
<b>Brief about the activity/event</b>	Students were briefed about landscape architecture and basics of plant physiology. A tree identification activity was conducted through a walk in the college campus. Students identified trees with the help of information delivered during the briefing and a plant identification app named Leaf snap. Each student made observations on one specific tree of their choice and researched about the tree in detail. All observations and research were put down in two A1 size posters. Students were also given a quiz where each student answered two questions and made a 'Did You Know' flyer for the same.
<b>Remarks</b>	The SDP was Successful & students submitted all the assignments.

Faculty Co-ordinator

Prof. Abhishek Chakraborty





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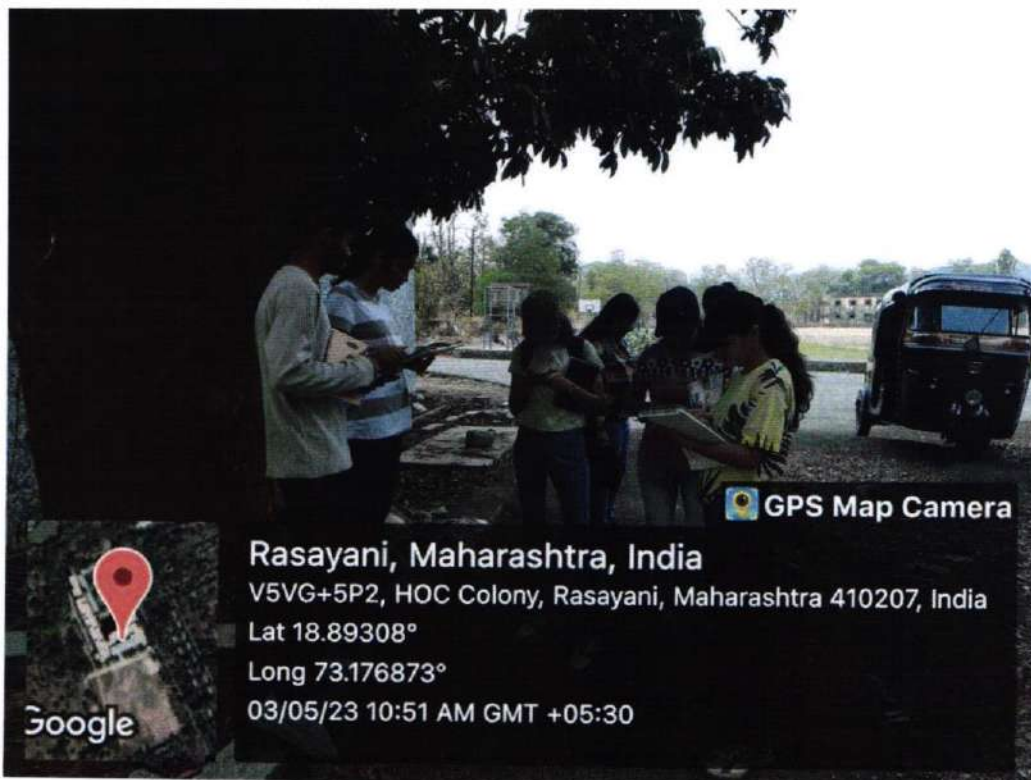
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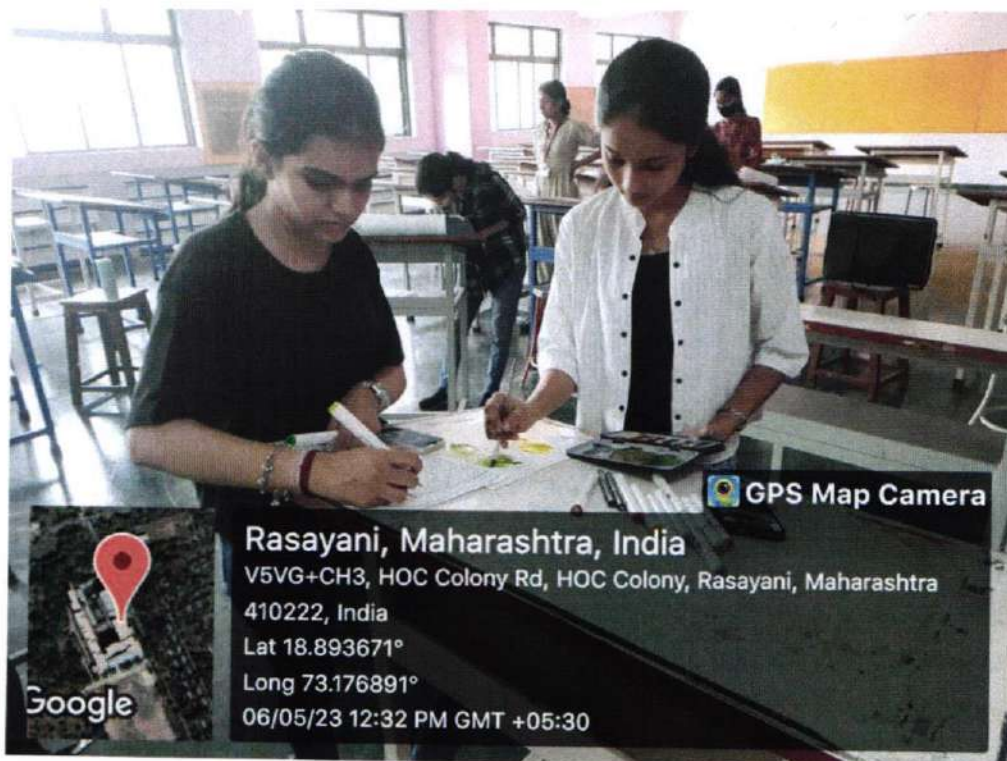
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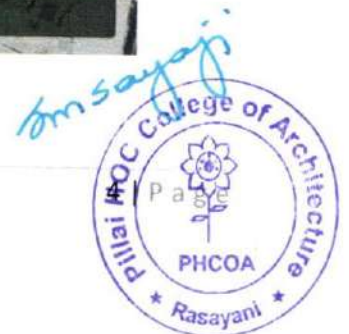
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Attendance –







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UNIVERSITY OF MUMBAI  
PILLAI HOC COLLEGE OF ARCHITECTURE, RAISAYANI  
Pillai HOCL Educational Campus, HOC Colony, Via Panvel, Dist- Raigad - 410207

ACADEMIC YEAR (2022-23)

STUDENT DEVELOPMENT PROGRAM

Course Name	Division	ATTENDANCE													
		02-05-2023	03/06/2023	04-05-2023	05-05-2023	06-05-2023	07-05-2023	08-05-2023	09-05-2023	10-05-2023	11-05-2023				
Aditi Rajesh Prasad	Semester 2	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Hemant Dodiya	Semester 2	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Pravda	Semester 2	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Nishi Supakar	Semester 2	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
VARAD GURUDATTAV	Semester 2	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Ashwarya	Semester 4	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Sahil Sandesh Hajam	Semester 4	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Sankar Sameer Madhavi	Semester 4	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Total no. of participants: 08

Signature of Faculty Incharge: *Charmelthy*




# AFRICAN MAHOGANY - KHAYA SENEGALENSIS

- GAMBIA MAHOGANY
- DRY ZONE MAHOGANY
- SENEGAL MAHOGANY

- KHAYA WOOD
- AFRICAN MAHOGANY
- BOIS ROUGE

MELIACE FAMILY/KHAYA




**TALL TREE SEMI-EVERGREEN**  
BARK IS THICK AND MOTTLED ROUGH  
COMPOUND LEAVES AND TWICE PINNATE  
FLOWERS SEPALS ARE PALE GREEN, PETALS AND STAMINAL TUBE ARE CREAM COLORED  
FRUIT IS A ERECT WOODY CAPSULE

**INTERESTING FACTS**  
AN INFUSION OF THE BARK IS SAID TO RELIEVE COLDS, FLU AND OIL FROM SEEDS IS REPORTED TO KILL HEAD LICE

AFRICAN MAHOGANY IS A MAJESTIC TALL TREE NATIVE TO AFRICA. IT IS A TREE WITH SHINING LEAVES, WITH WIDE DENSE CROWN AND THICK TRUNK. THE TIMBER IS HIGHLY VALUED.

IT IS A SEMI-EVERGREEN TREE. FLOWERS SEPALS ARE PALE GREEN, PETALS AND STAMINAL TUBE ARE CREAM COLORED. FRUIT IS NORMALLY 4-VALVED, 4-6 CM IN DIAMETER. IT IS ERECT WOODY CAPSULE.

THE TREE FLOWERS AT THE END OF DRY SEASON. FRUIT REACH FULL SIZE IN THE CROWN BY THE MIDDLE OF THE RAINY SEASON. BUT THE SEEDS INSIDE ARE MATURE AT THE BEGINNING OF THE DRY SEASON.




THE FLOWERS OF AFRICAN MAHOGANY ARE SMALL, ONLY ABOUT 0.5 CM (2.0") IN DIAMETER, WITH FIVE GREENISH OR WHITISH PETALS OCCURRING IN OPEN CLUSTERS AS A LOOSE INFLORESCENCE.


THIS TREE IS NATIVE TO TROPICAL AFRICA FROM TANZANIA AND ZAMBIA. THE CLIMATE CONDITIONS IN INDIA ARE SUITABLE FOR AFRICAN MAHOGANY TREE AS IT GROWS IN ANY SOIL CONDITION.

IT IS USED IN BOAT BUILDING, FLOORING, FURNITURE, VENEER, DECORATIVE WORK, CABINETRY, WINDOW FRAMES, PLYWOOD AND MUSICAL INSTRUMENTS.


AFRICAN MAHOGANY IS USED AS A MEDICINAL PLANT IN INDIA. SOME AFRICAN COUNTRIES, ALSO IN INDONESIA AND MALAYSIA. TRADITIONALLY IT IS USED FOR TREATMENT OF MALARIA, HYPERTENSION, DIABETES AND DIARRHEA AS AN ANTI-PYRETIC, AS BITTER TONIC AND ASTRINGENT.



SHINING LEAVES AND TWICE PINNATE LEAVES ARE COMPOUND WITH LEAFLETS USUALLY DRYING PALE GLAUCCOUS GREEN, 3-4 PAIRS, OBLONG-ELLIPTIC MORE THAN TWICE AS LONG AS BROAD, ROUNDED OR BLUNT OR SOME TIMES POINTED AT TIP, 6-12 CM LONG, 2-5 CM BROAD. LEAF HAS RETICULATE VENATION. LEAVES CONTAIN ANTIMICROBIAL AND ANTI-FUNGAL PROPERTIES. SINGLE STEM WITH ALTERNATING PAIR OF LEAF.




ALTERNATE LANCEOLATE LEAF



FRUIT-SKY FRUIT, IT IS A ERECT WOODY CAPSULE. FRUIT IS NORMALLY 4-VALVED, 4-6 CM DIAMETER. THEIR ARE FOUR OUTER THICK AND FOUR INNER VALVES. THERE IS A CENTRAL AXIS, THE COLUMELLA, WHICH IS TYPICALLY 2-ANGLED TO WHICH THE SEEDS ARE ATTACHED PENDULOUSLY BY THEIR WINGS.

BARK OF THE TREE IS THICK AND MOTTLED ROUGH WITH IRREGULAR CRACKS. TRADITIONALLY IT IS USED FOR MALARIA, HYPERTENSION, DIABETES AND DIARRHEA AS ANTI-PYRETIC.



LANDSCAPE ARCHITECTURE - TREES OF MOHPADA

VARAD VARADKAR  
FIRST YEAR ROLL NO-44



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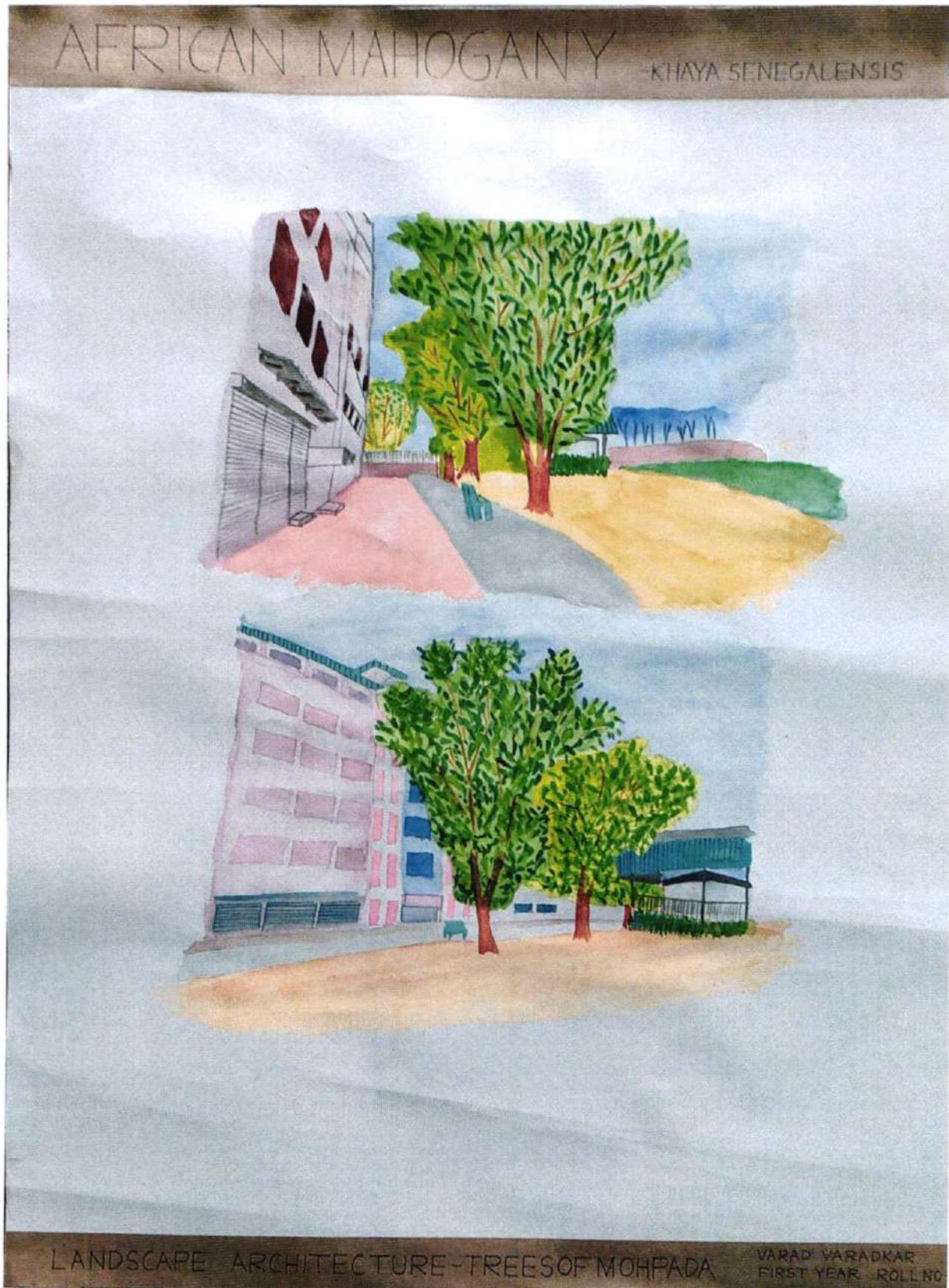
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**STUDENT DEVELOPMENT PROGRAM**  
Learning | Growth | Projections

**revit architecture.**  
Detailing of steel structures

For Registration:

For further enquiry:  
+91 8788268651  
+91 8292858882

Faculty co ordinator  
Prof. Shivaji Sarvade

02 nd to 06 th May, 2023

10 am Onwards

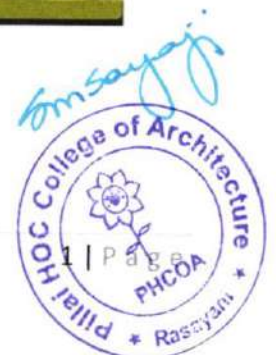
Pillai HOC College of  
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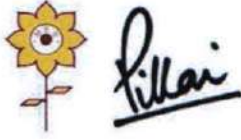
Pillai HOCL Educational  
Campus, Rasayan

Eligibility for the course : 2nd year onwards (B.Arch students)  
2nd year onwards ( B.E Civil students)  
(Max 30 Students)

course fees : ₹ 200/- (For PHCOA) ₹ 1500/- (For Others)

PHCOA  
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<b>Course Name: Revit Architecture</b>			
<b>Course Co-ordinator: Prof. Shivaji Sarvade</b>			
<b>Sr. no.</b>	<b>Name of the student</b>	<b>Semester</b>	<b>Division</b>
1	BHAMRA ANMOL SINGH JASVINDER SINGH	4	
2	SUKHADARE TANMAY SANTOSH	4	
3	MHASKAR SANDESH GANESH	4	
4	MOKAL NIDHI RUSHIKESH	4	
5	KADNE ISHA DEEPAK	6	A
6	INGALE JAYESH KISHOR	8	B
7	MHATRE MAYURI NINAD	8	B
8	DAVAKHAR ABHAY AMBADAS	8	A
9	KARPE NIKITA DHARMARAJ	8	B
10	DODIYA PARIDHI BHARAT	8	A
11	DESHMUKH RUCHIRA PRAVIN	8	B
12	SHEWALE RUNALI SURESH	8	B
13	SHAIKH SAHIL JIARUL	8	A
14	KUMBHAR SHREEPARTH RAJENDRA	8	A
15	HUMBE SHRUTI NAVNATH	8	A
16	SAPLE VIRAJ RATNAPRAKASH	8	B
17	PATIL YASH NIKHIL	8	A
18	MHATRE ANIRUDDHA DEEPAK	8	A
19	PATIL GAYATRI RAJU	8	B
20	NAKKA NAVIN NARSAIAH	8	B
21	NALAWADE CHINMAY RAJENDRA	8	
<b>Total no. of participants: 21</b>			





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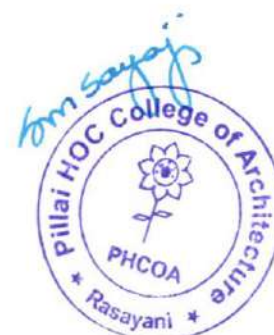
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Title of the course	:	Revit Architecture (Detailing of Steel Structures: A BIM Approach using Revit)
Course Duration (Hours)	:	30
Course Aim	:	Improve visualisation and detailing of steel structures.
Course Outcomes	1	Participants will be able to <b>differentiate</b> between structural steel connections. (L4)
	2	Participants will be able to <b>plan</b> building services as per the detailing requirement of proposed steel connections. (L6)
	3	Participants will be able to <b>construct</b> long span steel structures by providing detailed drawings to the fabricator. (L6)
	4	Participants will be able to <b>create</b> a BIM model for informed decision making and effective monitoring of the steel structure project. (L6)
Mode of Delivery	:	Offline / Online
Course Coordinator	:	Prof. Shivaji M. Sarvade
Course Instructor	:	Prof. Shivaji M. Sarvade

### Detailed Course Content

Day 1		
Lecture No.	Time	Content
1	10.00 am-11.00 am	Introduction to steel structure and importance of connections in steel structures.
2	11.00 am-12.00 Noon	Types of members and classification of connections
3	12.00 Noon -1.00 pm	Types of bolted connections
4	1.30 pm-2.30 pm	Types of welded connections.
5	2.30 pm-3.30 pm	Introduction to Shear Connections
6	3.30 pm-4.30 pm	Introduction to Moment Connections





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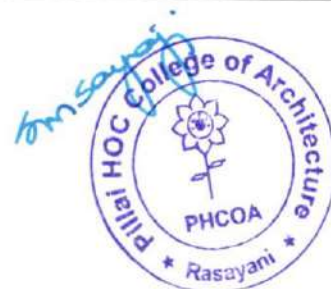
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Day 2		
Lecture No.	Time	Content
7	10.00 am-11.00 am	Modelling of Hinged Connection of Column Base Plate to RCC Concrete pedestal using Revit
8	11.00 am-12.00 Noon	Practice session for Participants
9	12.00 Noon -1.00 pm	Modelling of Fixed Connection of Column Base Plate to RCC Concrete pedestal using Revit
10	1.30 pm-2.30 pm	Practice session for Participants
11	2.30 pm-3.30 pm	Column Splice connection modelling in Revit
12	3.30 pm-4.30 pm	Practice session for Participants
Day 3		
Lecture No.	Time	Content
13	10.00 am-11.00 am	Beam to beam shear connection modelling in Revit
14	11.00 am-12.00 Noon	Practice session for Participants
15	12.00 Noon -1.00 pm	Beam to beam moment connection modelling in Revit
16	1.30 pm-2.30 pm	Practice session for Participants
17	2.30 pm-3.30 pm	Beam splice connection in Revit
18	3.30 pm-4.30 pm	Practice session for Participants
Day 4		
Lecture No.	Time	Content
19	10.00 am-11.00 am	Beam to Column shear connection in Revit
20	11.00 am-12.00 Noon	Practice session for Participants
21	12.00 Noon -1.00 pm	Beam to Column moment connection in Revit
22	1.30 pm-2.30 pm	Practice session for Participants
23	2.30 pm-3.30 pm	Metal Steel Deck Flooring Modelling in Revit Part 1
24	3.30 pm-4.30 pm	Metal Steel Deck Flooring Modelling in Revit Part 2





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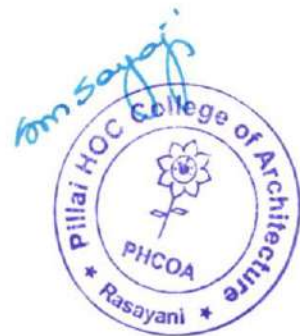
Tel: 02192 - 669002 / 669003

Website : [www.phcoa.ac.in](http://www.phcoa.ac.in) Email : [phcarch@gmail.com](mailto:phcarch@gmail.com)

*Approved by COA, Government of Maharashtra and Affiliated to University of Mumbai*

**Day 5**

Lecture No.	Time	Content
25	10.00 am-11.00 am	Practice session for Participants
26	11.00 am-12.00 Noon	Modelling of Truss in Revit
27	12.00 Noon -1.00 pm	Practice session for Participants







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mail: phcoadmin@mes.ac.in

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### Revit Architecture: Detailing of Steel Structure

Academic year: 2022-23

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Objectives</b>	Following are the outcomes of the SDP <ol style="list-style-type: none"><li>1. Participants will be able to <b>distinguish</b> between different types of connections like, beam to column flange connection, beam to column web connection, beam to beam connection, base plate connection etc.</li><li>2. Participants will be able to <b>illustrate</b> different steel connections using connection library in Autodesk Revit.</li><li>3. Participants will be able to <b>evaluate</b> the connections and select best possible connection considering space planning.</li><li>4. Participants will be able to <b>create</b> a 3-dimensional, information rich computer model of steel warehouse using Revit which can later be used as a basis for Building Information Modelling (BIM)</li></ol>
<b>Name of resource person(s)</b>	Shivaji Madhukar Sarvade
<b>Introduction about the resource person</b>	Structural Engineer and Assistant Professor at Pillai HOC College of Architecture, Rasayani.
<b>Date and time</b>	2nd May, 2023 to 6th May, 2023 – 10.00 am to 4:30 pm
<b>Venue</b>	Studio 607
<b>Faculty coordinator</b>	Shivaji Madhukar Sarvade
<b>Supporting staff</b>	NA
<b>No. of students Registered</b>	21
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, PHCOA
<b>Brief about the activity/event</b>	The heart of any steel structure is their connections. It is difficult for the student to visualize the connections as most of the steel structures are covered. Even the students find it difficult to understand if they just draw a two-dimensional drawing of various connections. Steel Structures are more challenging to construct as the fabrication needs to be precise and many parts prepared in the workshop are to be assembled together to create a structure. This is precisely why in the professional practice, the BIM tools such as Revit, TEKLA etc. are used for better coordination among all the stakeholders of a steel structure project. With this in mind, the workshop is designed so that participants become





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	familiar with a BIM software. Autodesk Revit is industry standard for BIM. Hence, it is selected to use for creating an information rich, to the scale, 3-dimensional model of steel warehouse. Participants will be able to model, visualize, analyze and select appropriate connections, for efficient space planning and avoid clashes which might arise if the 3-dimensional modelling is not carried out. The SDP will start with creation of grids and levels and advance step by step to a finished steel warehouse model.
<b>Remarks</b>	SDP was successful and all participants achieved desired outcomes.

**Faculty Co-ordinator**

Prof. Shivaji Madhukar Sarvade





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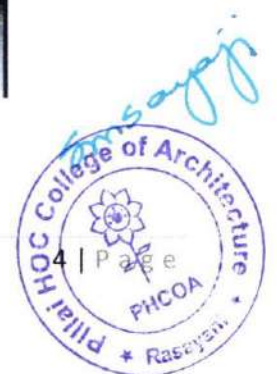
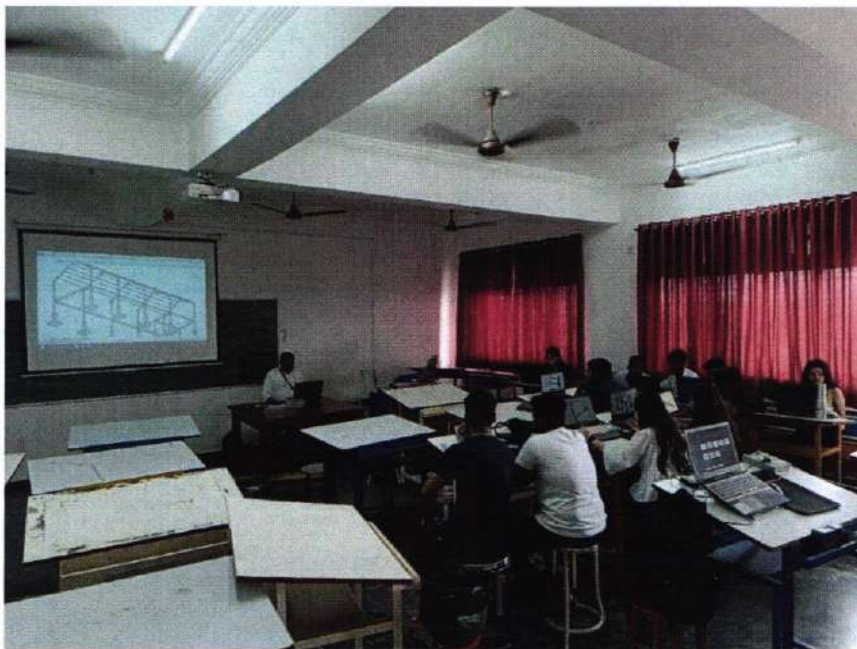
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## Photographs -







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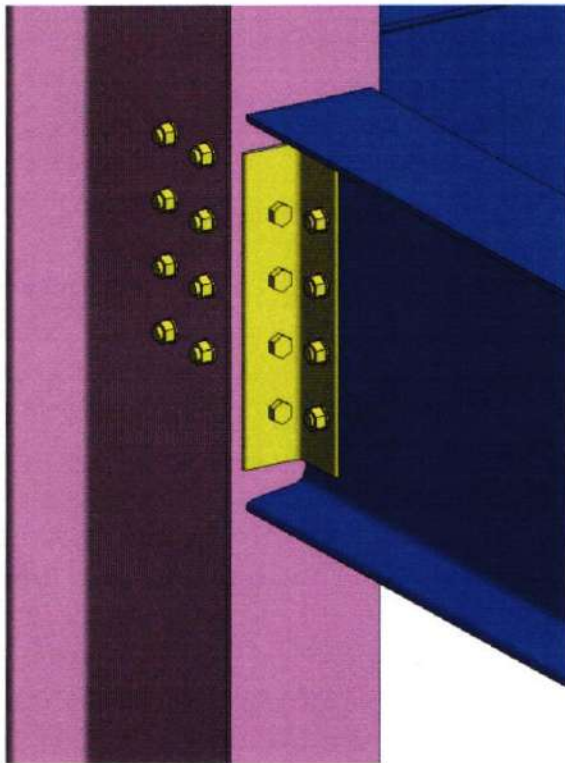
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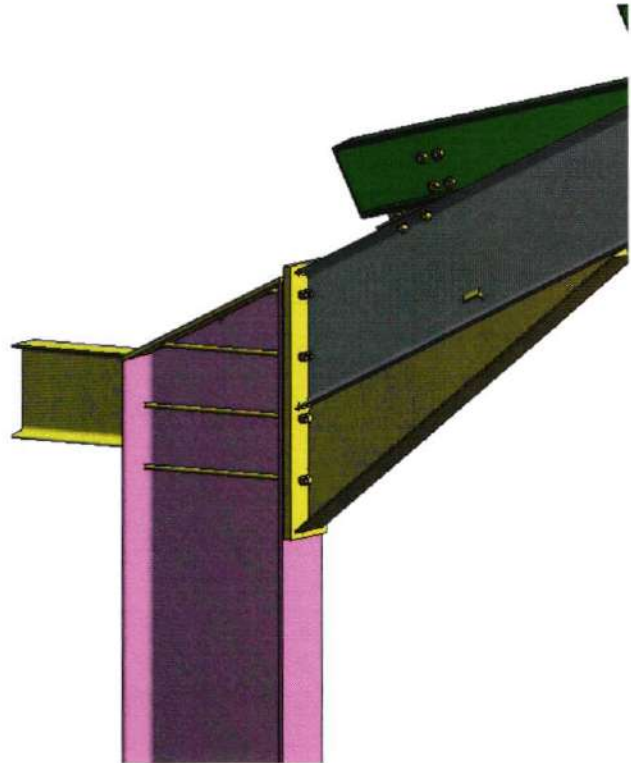
mail: [phcoadmin@mes.ac.in](mailto:phcoadmin@mes.ac.in)

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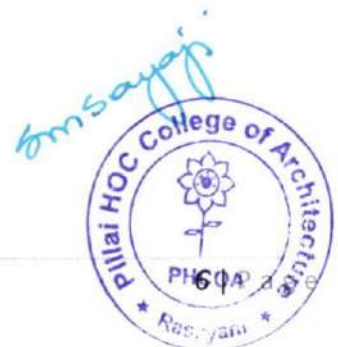
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Beam to Column Flange Connection



Rafter Beam to Column Connection





Pillai

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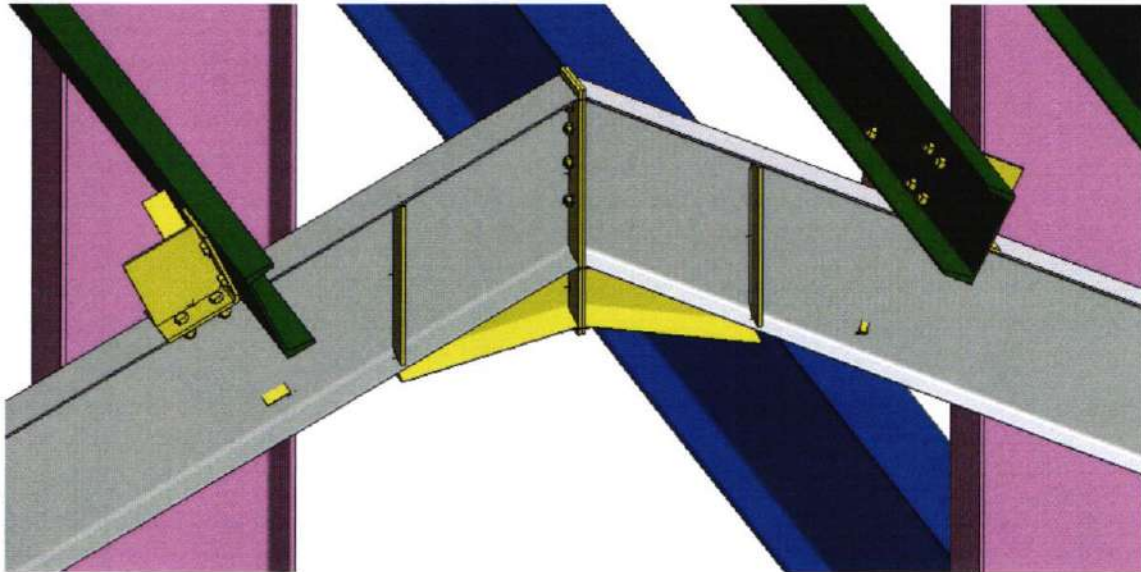
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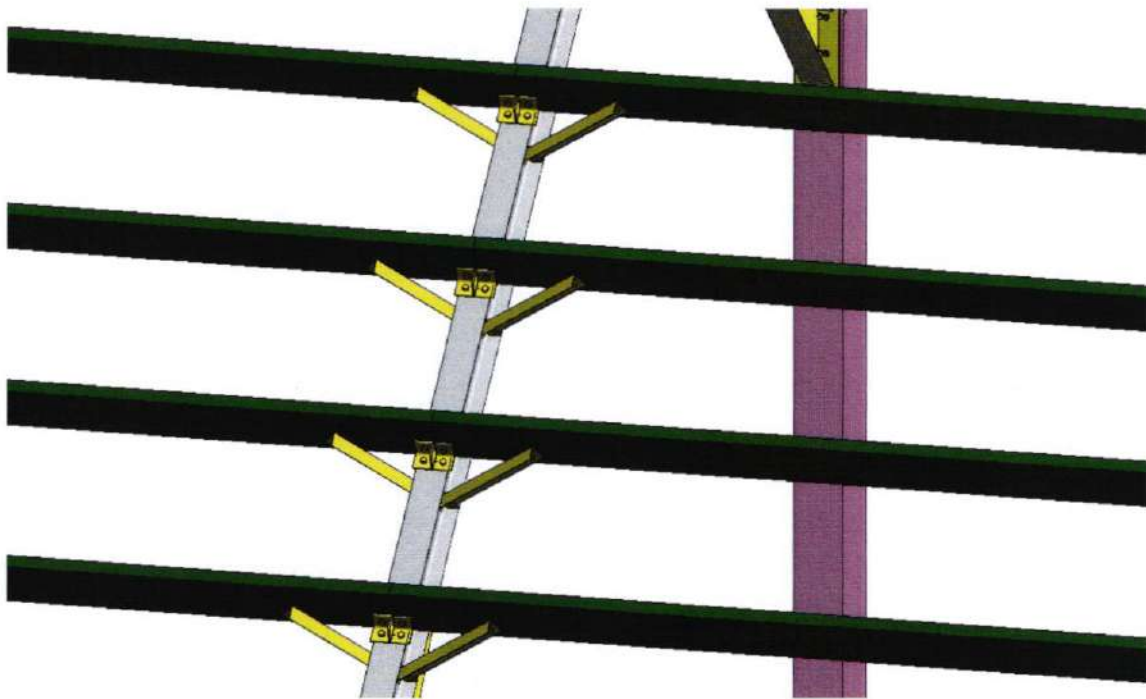
mail: [phcoaadmin@mes.ac.in](mailto:phcoaadmin@mes.ac.in)

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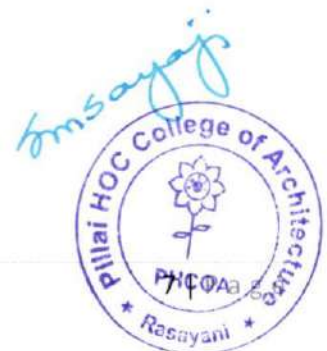
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Apex Haunch Connection



Purlin to Rafter Beam Connection with Fly Bracing.





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## Attendance –

UNIVERSITY OF MUMBAI												
PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI												
Pillai HOCL Educational Campus, HOC Colony, Panvel, Dist- Raigad - 410207												
ACADEMIC YEAR (2022-23)												
STUDENT DEVELOPMENT PROGRAM												
Course Name	Revit Architecture											
Course Co-ordinator	Prof. Shivaji Sarvade											
Classroom	Studio - 607-610											
ATTENDANCE												
Name of the student	Semester	Division	02/05/2023	SIGN	03/05/2023	SIGN	04/05/2023	SIGN	05/05/2023	SIGN	06/05/2023	SIGN
Anmol Singh	Semester 4		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Tanmay Sukhadare	Semester 4		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Sandesh mhaskar	Semester 4		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Nidhi Mokul	Semester 4		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Isha deepak kadne	Semester 7	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Jayesh kishor ingale	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Mayuri Ninad Mhatre	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Abhay Ambadas Davakhar	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Nikita Karpe	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
PARIDHI BHARAT DODIYA	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Total no. of participants: 21												
Signature of Faculty Incharge			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Pradip D. Sable Sem 8												
Shivaji S.												

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PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI												
Pillai HOCL Educational Campus, HOC Colony, Panvel, Dist- Raigad - 410207												
ACADEMIC YEAR (2022-23)												
STUDENT DEVELOPMENT PROGRAM												
Course Name	Revit Architecture											
Course Co-ordinator	Prof. Shivaji Sarvade											
Classroom	Studio - 607-610											
ATTENDANCE												
Name of the student	Semester	Division	02/05/2023	SIGN	03/05/2023	SIGN	04/05/2023	SIGN	05/05/2023	SIGN	06/05/2023	SIGN
Ruchira Pravin Deshmukh	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>			<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Runali Suresh Shewale	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>			<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
SAHIL JARUL SHAIKH	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Shreepathi kumhar	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Shruti Humbe	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Viraj	Semester 8	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
YASH NIKHIL PATIL	Semester 8	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Aniruddha Mhatre	Semester 9	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Gayatri Patil	Semester 9	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Navin Nakka	Semester 9	B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
CHINMAY NALAWADE	Semester 9		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Total no. of participants: 21												
Signature of Faculty Incharge			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Shivaji S.												





MAHATMA EDUCATION SOCIETY'S  
**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

# BAMBOO WORKSHOP



AMIT MHATRE

13<sup>TH</sup> – 20<sup>TH</sup>  
NOVEMBER  
2019

PHCOA

10.00 AM







Title of the course	:	Bamboo Workshop
Course Duration (Hours)	:	30
Course Aim	:	Enhance design, techniques & methods by using Bamboo as construction material
Course Outcomes	1	To understand the bamboo as material, its properties, growth and ecological benefits of using bamboo as material.
	2	To understand the Bamboo joinery & construction methods
Mode of Delivery	:	Showing them actual Bamboo work – PPT presentation
Course Coordinator	:	Prof. Amit Mhatre
Course Instructor	:	Prof. Amit Mhatre

Detailed Course Content:

Day 1		
Lecture No.	Time	Content
1	10.00 am-11.00 am	Introduction & PPT presentation showing actual work & process of working with Bamboo.
2	11.00 am-1.00 pm	Presentation showing various joinery techniques
3	1.30 pm-4.30 pm	Presentation showing various methods of joinery used in traditional & contemporary bamboo construction
Day 2		
Lecture No.	Time	Content
4	10.00 am-11.00 am	Demonstration of different joineries to the student.
5	11.00 am-1.00 pm	Showing students cutting,
6	1.30 pm-4.30 pm	Showing students bending technique & Showing students splitting skills.
Day 3		
Lecture No.	Time	Content
8	10.00 am-11.00 am	Students will start sketching & making different options on paper
9	11.00 am-1.00 pm	Final approval of the 2D design
10	1.30 pm-4.30 pm	Final approval of the 3D design





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Day 4		
Lecture No.	Time	Content
11	10.00 am-11.00 am	Material distribution
12	11.00 am-1.00 pm	Students will start with base making with the help of bricks
13	1.30 pm-4.30 pm	With the help of joinery students achieve the basic level of the design & start with the outer part of the module.
Day 5		
Lecture No.	Time	Content
15	10.00 am- 1.00 pm	Finalising the work.
16	1.30 pm – 4.30 pm	Display of the final product





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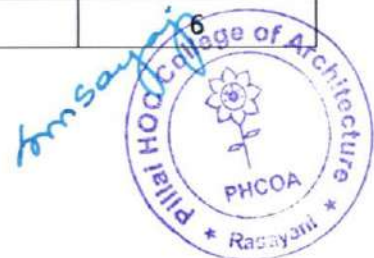
ACADEMIC YEAR (2019-20)

STUDENT DEVELOPMENT PROGRAM

Course Name: Bamboo Workshop

Course Co-ordinator: Amit Mhatre.

Sr. no.	Name of the student	Semester
1	ACHARYA TRISHA HARISH	4
2	BHOIR PRADNYA LILADHAR	4
3	CHAUDHARI NIKHIL SUNIL	4
4	GORIWALE KETAN TUKARAM	4
5	GAONKAR MRUDULA BHARGAV	4
6	GUJAR SHRISHA SANJAY	4
7	KARKHILE SHRITEJ SUDAM	4
8	SHAH YUTIKA KETAN	4
9	SHINDE AKASH VENKATRAO	4
10	THAKUR ANISH AVINASH	4
11	DALVI PRATIK SHANKAR	4
12	DBRITTO PRACHI VICTOR	4
13	JALVI AKSHAY GANGARAM	4
14	KERKAR TANIKA SUNIL	4
15	MORDE KUNAL SANTOSH	4
16	MULUK BHUSHAN MAHADEV	4
17	VORA DARSHEET PARESH	4
18	PANCHAL SANIKA MURLIDHAR	4
19	PATIL PRITI VIJAY	4
20	SALVI MANTHAN NILESH	4
21	SALUNKHE SHUBHAM SUNIL	4
22	THAKUR DARSHAN TUKARAM	4
23	GHARGE VAISHNAVI SANDEEP	6
24	GUPTA NIHARIKA PRADEEPKUMAR	6
25	GUPTA RAUSHAN RAJESH	6
26	KADU LALIT BHALCHANDRA	6
27	MHATRE RUTVIK PRASHANT	6
28	MHATRE SAGAR VIKAS	6
29	NAMBIAR AKHILESH RAVEENDRAN	6





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30	OSWAL KAVYA PARESH	6
31	PATIL SAHIL NANDKUMAR	6
32	PATKAR SHRUTI SUDHIR	6
33	RAUT SNEHA RAJENDRA	6
34	MHATRE SUMEDH DEEPAK	6
35	NAVDHARE SARVAGNEE GEETESH	6
36	PATIL VIVEK DHONDIBA	6
37	PATIL SHARDUL PRASHANT	6
38	PAWAR MANISH NARENDRA	6
39	SHAH KSHIPRA PRASHANT	6
40	STANLEY JOHN RAJENDRAKUMAR	6
<b>Total no. of participants: 40</b>		





MAHATMA EDUCATION SOCIETY'S  
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Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

**BAMBOO WORKSHOP**

Academic year: 2019-2020

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Objectives</b>	To create a more beautiful and sustainable world with bamboo by arranging bamboo building workshop
<b>Name of resource person(s)</b>	Prof.Amit Mhatre
<b>Introduction about the resource person</b>	Amit Mhatre is an Architect passed out from PICA & completed his masters in urban design from KRIVIA. Currently he is working at PHCOA as Asst. Professor.
<b>Date and time</b>	13 <sup>th</sup> November – 20 <sup>th</sup> November
<b>Venue</b>	Architecture Department, PHCOA, Rasayani.
<b>Faculty coordinator</b>	Prof.Amit Mhatre
<b>Supporting staff</b>	Prof.Amit Mhatre
<b>No. of students Registered</b>	40
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, Pillai HOC College of Architecture
<b>Brief about the activity/event</b>	<p>This SDP is organized to up skill the student's knowledge and to give them a hand on experience of bamboo building workshop. The workshop is planned for 6 working days. (13<sup>th</sup> November – 20<sup>th</sup> November) Lecture for the Bamboo will be from 13<sup>th</sup> to 15<sup>th</sup> Nov 2019 and remaining days for the practical work.</p> <p>The students were given the opportunity to learn about bamboo and joinery of bamboo which help them to create a canopy. The entire workshop was conducted under the guidance of Amit Mhatre .The workshop followed the methods of</p> <p>Step 1- Introduction of the workshop &amp; discussion about the procedure. Step 2- Introduce them different joinery methods Step 3- Introduce them different treatments to bamboo. Step 4-Canopy of bamboo Step 5- Make Highlights in the work. The final product is ready. The session was concluded by final group photo.</p>
<b>Remarks</b>	<p>It was an opportunity for students to learn Terracotta Murals.</p> <p>Students work was displayed in the college.</p>

Faculty Co-ordinator

Prof.Amit Mhatre





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Students bamboo work :





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Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

Course Name: Bamboo Workshop

Course Coordinator: Prof. Amit Mhatre

Course Instructor: Prof. Amit Mhatre

MAHATMA EDUCATION SOCIETY'S PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207 ACADEMIC YEAR (2019-20) STUDENT DEVELOPMENT PROGRAM								
Course Name: Bamboo Workshop Course Co-ordinator: Amit Mhatre.								
Sr. no.	Name of the student	Semester	13/11/2019	14/11/2019	15/11/2019	18/11/2019	19/11/2019	20/11/2019
1	ACHARYA TRISHA HARISH	4	P.	A	A	P.	P.	P.
2	BHOIR PRADNYA LILADHAR	4	P.	P.	P.	P.	P.	P.
3	CHAUDHARI NIKHIL SUNIL	4	P.	P.	P.	P.	P.	P.
4	GORIWALE KETAN TUKARAM	4	P.	P.	P.	P.	P.	P.
5	GAONKAR MRUDULA BHARGAV	4	P.	P.	P.	P.	P.	P.
6	GUJAR SHRISHA SANJAY	4	P.	P.	P.	P.	P.	P.
7	KARKHILE SHRITEJ SUDAM	4	P.	P.	P.	P.	P.	P.
8	SHAH YUTIKA KETAN	4	P.	P.	P.	P.	P.	P.
9	SHINDE AKASH VENKATRAO	4	P.	P.	P.	P.	P.	P.
10	THAKUR ANISH AVINASH	4	P.	P.	P.	P.	P.	P.
11	DALVI PRATIK SHANKAR	4	P.	P.	P.	P.	P.	P.
12	DBRITTO PRACHI VICTOR	4	P.	P.	P.	P.	P.	P.
13	JALVI AKSHAY GANGARAM	4	P.	P.	P.	P.	P.	P.
14	KERKAR TANIKA SUNIL	4	P.	P.	P.	P.	P.	P.
15	MORDE KUNAL SANTOSH	4	P.	P.	P.	P.	P.	P.
16	MULUK BHUSHAN MAHADEV	4	P.	P.	P.	P.	P.	P.
17	VORA DARSHEET PARESH	4	P.	P.	P.	P.	P.	P.
18	PANCHAL SANIKA MURLIDHAR	4	P.	P.	P.	P.	P.	P.
19	PATIL PRITI VIJAY	4	P.	P.	P.	P.	P.	P.
20	SALVI MANTHAN NILESH	4	P.	P.	P.	P.	P.	P.
21	SALUNKHE SHUBHAM SUNIL	4	P.	P.	P.	P.	P.	P.
22	THAKUR DARSHAN TUKARAM	4	P.	P.	P.	P.	P.	P.
23	GHARGE VAISHNAVI SANDEEP	6	P.	P.	P.	P.	P.	P.
24	GUPTA NIHARIKA PRADEEPKUMAR	6	P.	P.	P.	P.	P.	P.
25	GUPTA RAUSHAN RAJESH	6	P.	P.	P.	P.	P.	P.
26	KADU LALIT BHALCHANDRA	6	P.	P.	P.	P.	P.	P.
27	MHATRE RUTVIK PRASHANT	6	P.	P.	P.	P.	P.	P.
28	MHATRE SAGAR VIKAS	6	P.	P.	P.	P.	P.	P.
29	NAMBIAR AKHILESH RAVEENDRAN	6	P.	P.	P.	P.	P.	P.
30	OSWAL KAVYA PARESH	6	P.	P.	P.	P.	P.	P.
31	PATIL SAHIL NANDKUMAR	6	P.	P.	P.	P.	P.	P.
32	PATKAR SHRUTI SUDHIR	6	P.	P.	P.	P.	P.	P.
33	RAUT SNEHA RAJENDRA	6	P.	P.	P.	P.	P.	P.
34	MHATRE SUMEDH DEEPAK	6	P.	P.	P.	P.	P.	P.
35	NAVDHARE SARVAGNEE GEETESH	6	P.	P.	P.	P.	P.	P.
36	PATIL VIVEK DHONDIBA	6	P.	P.	P.	P.	P.	P.
37	PATIL SHARDUL PRASHANT	6	P.	P.	P.	P.	P.	P.
38	PAWAR MANISH NARENDRA	6	P.	P.	P.	P.	P.	P.
39	SHAH KSHIPRA PRASHANT	6	P.	P.	P.	P.	P.	P.
40	STANLEY JOHN RAJENDRAKUMAR	6	P.	P.	P.	P.	P.	P.

Total no. of participants: 40  
Signature of Faculty Incharge: Amit Mhatre





Title of the course	:	Origami Workshop
Course Duration (Hours)	:	30
Course Aim	:	Understand planar design via paper folding.
Course Outcomes	1	To understand different folding skills to achieve three dimensional for via paper.
Mode of Delivery	:	PPT presentation of work examples.
Course Coordinator	:	Prof. Prajakta B.
Course Instructor	:	Ar.Sushma Joglekar

Detailed Course Content:

Day 1		
Lecture Slot	Time	Content
1 <sup>st</sup> Half	9.20 am – 12.30	Introduction & PPT presentation showing work examples, paper folding technique, and different types of paper.
2 <sup>nd</sup> Half	1.10 to 3.40	Presentation showing work examples.
Day 2		
1 <sup>st</sup> Half	9.20 am – 12.30	Live demonstration of paper types and folding methods.
2 <sup>nd</sup> Half	1.10 to 3.40	Demonstration of paper folding technique, hands on participation of students. Sketching and design development.
Day 3		
1 <sup>st</sup> Half	9.20 am – 12.30	Review and feedback of student's sketches with suggestions and improvement.
2 <sup>nd</sup> Half	1.10 to 3.40	Hands on work, easy to fold geometrical shapes.
Day 4		
1 <sup>st</sup> Half	9.20 am – 12.30	Refinement of folding technique, and demonstrated by instructor.
2 <sup>nd</sup> Half	1.10 to 3.40	Students to experiment with variety of folds and work on advanced designs.
Day 5		
1 <sup>st</sup> Half	9.20 am – 12.30	Shortlisting of final art work.
2 <sup>nd</sup> Half	1.10 to 3.40	Exhibition of shortlisted art works.

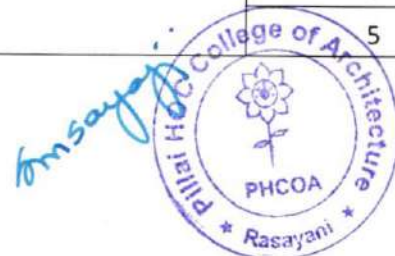






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Course Name: Origami Workshop		
Course Co-ordinator: Ar. Sushma Joglekar		
Sr. no.	Name of the student	Semester
1	BHALEKAR DEEPTI SUDESH	1
2	GUJAR SHRISHA SANJAY	1
3	MALI MINAL ARUN	1
4	MORE AARYA SUNIL	1
5	SINGH JOGINDER JAGDISH	1
6	VORA DARSHEET PARESH	1
7	DESALE HARSHAL ANIL	1
8	JAGE NISHANT JAYPRAKASH	1
9	MISHRA ANUSHKA VINAY	1
10	MORDE KUNAL SANTOSH	1
11	PANSARE PRIYA BABAJI	1
12	PATIL BHAIRAVI BHARAT	1
13	PATIL PRITI VIJAY	1
14	RAJPUT SNEHA UDAYSINGH	1
15	YERNE SIDDHI KISHOR	1
16	ARABEKAR SAMIKSHA PRAVIN	3
17	GARGOTE ARTI BALU SANTU	3
18	GUPTA NIHARIKA PRADEEPAKUMAR	3
19	MUNDHE RUTUJA SANJAY	3
20	NAKHAWA UJWALA VASUDEO	3
21	WADEKAR AMRUTA	3
22	KEVAT NAMRATA MAHENDRA	3
23	BHOIR SAMIDHA SANTOSH	5
24	BHOSEKAR ANKITA VIKAS	5
25	DALI KIRTI KIRAN	5
26	DALVI ABHISHEK ASHOK	5
27	JAIN NAYAN RAJESH	5
28	KALE ABHINAV AJAY	5
29	PAWAR ADITI SHAILENDRA	5
30	SASE PRATIKSHA MANOHAR	5
31	VAIDYA PRIYANKA YOGESH	5





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32	GHADGE POOJA RAVINDRA	5
33	DHAVALA GAURI BHALCHANDRA	7
34	MORE ADITI	7
35	NAIR NAMITHA SHIVASANKARAN	7
36	PINGALE NEHA KISHOR	7
37	SAWANT MANALI DNYANDEV	7
38	SOLUNKE AKSHAY AJIT	7
39	PATIL AISHWARYA VIJAY	7
40	PATIL SAYALI	7
41	BHAGWAT KAUSHAL SANJAY	9
42	BHOIR JAGRUT JITENDRA	9
43	GHAISAS SHRIYA PRADEEP	9
44	MHATRE GAURI MANGESH	9
45	PATIL ADITI VIJAY	9
46	POKAR HARDIK JAGDISH	9
47	SALAGARE PRASANNA SACHIN	9
48	SHINDE MAYUR LAXMAN	9
49	VICHARE MINAL PRATAP	9
50	KHATIB ZAID ALTAF	9
51	PAWAR VIVEK DATTATRAY	9
<b>Total no. of participants: 51</b>		





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### Origami Workshop

Academic year: 2018-19

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Objectives</b>	To up skill students' knowledge about origami.
<b>Name of resource person(s)</b>	Ar, Sushma Joglekar
<b>Introduction about the resource person</b>	Ar. Sushama Joglekar is Associate Professor in Sir JJ College of Architecture, Mumbai.
<b>Date and time</b>	7 <sup>th</sup> September 2018 to 12 <sup>th</sup> September 2018
<b>Venue</b>	PHCOA, Rasayani.
<b>Faculty coordinator</b>	Prof. Prajakta Barhate.
<b>Supporting staff</b>	-
<b>No. of students Registered</b>	51
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, Pillai HOC College of Architecture
<b>Brief about the activity/event</b>	This SDP was organized to up skill the student's knowledge and to give them hands on experience of Origami workshop. The entire workshop was conducted under the guidance of Ar. Sushma Joglekar. The instructor enlightened the students about various paper folds and how to utilise them to make various forms. She explained them how to achieve precise folds to achieve better workmanship.
<b>Remarks</b>	The students got an opportunity to learn Origami.

  
**Faculty Co-ordinator**

Prof. Prajakta Barhate.







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Students working during Origami Workshop:





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Attendance -

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ACADEMIC YEAR (2018-19)							
STUDENT DEVELOPMENT PROGRAM							
Course Name: Origami Workshop Course Co-ordinator: Prof. Prajakta B.							
Sr. no.	Name of the student	Semester	07/09/2018	08/09/2018	10/09/2018	11/09/2018	12/09/2018
1	BHALEKAR DEEPTI SUDESH	1	P		P	P	P
2	GUJAR SHRISHA SANJAY	1	P	P	P	P	P
3	MALI MINAL ARUN	1	P	P	P	P	P
4	MORE AARYA SUNIL	1	P	P			
5	SINGH JOGINDER JAGDISH	1	P		P	P	
6	VORA DARSHEET PARESH	1		P	P	P	P
7	DESALE HARSHAL ANIL	1	P	P			
8	JAGE NISHANT JAYPRAKASH	1	P	P	P		P
9	MISHRA ANUSHKA VINAY	1	P	P		P	P
10	MORDE KUNAL SANTOSH	1	P	P	P	P	P
11	PANSARE PRIYA BABAJI	1	P	P	P	P	P
12	PATIL BHAIRAVI BHARAT	1	P	P	P	P	P
13	PATIL PRITI VIJAY	1	P	P	P	P	P
14	RAJPUT SNEHA UDAYSINGH	1	P	P	P	P	P
15	VERNE SIDDHI KISHOR	1	P	P	P	P	P
16	ARABEKAR SAMIKSHA PRAVIN	3	P	P	P	P	P
17	GARGOTE ARTI BALU SANTU	3	P				
18	GUPTA NIHARIKA PRADEEPKUMAR	3	P	P	P	P	P
19	MUNDHE RUTUJA SANJAY	3		P	P	P	P
20	NAKHAWA UJWALA VASUDEO	3		P	P	P	P
21	WADEKAR AMRUTA	3		P	P	P	P
22	KEVAT NAMRATA MAHENDRA	3	P	P		P	P
23	BHOIR SAMIDHA SANTOSH	5	P	P	P	P	P
24	BHOSEKAR ANKITA VIKAS	5	P	P	P	P	P
25	DALI KIRTI KIRAN	5	P	P	P	P	P
26	DALVI ABHISHEK ASHOK	5	P	P	P	P	P
27	JAIN NAYAN RAJESH	5	P	P	P	P	P
28	KALE ABHINAV AJAY	5	P				
29	PAWAR ADITI SHAILENDRA	5	P	P	P	P	P
30	SASE PRATIKSHA MANOHAR	5	P	P	P	P	P
31	VAIDYA PRIYANKA YOGESH	5	P	P	P	P	P
32	GHADGE POOJA RAVINDRA	5	P	P	P	P	P
33	DHAVALA GAURI BHALCHANDRA	7		P	P	P	P
34	MORE ADITI	7	P	P	P	P	P
35	NAIR NAMITHA SHIVASANKARAN	7	P	P	P	P	P
36	PINGALE NEHA KISHOR	7	P	P			
37	SAWANT MANALI DNYANDEV	7	P		P	P	P
38	SOLUNKE AKSHAY AJIT	7	P		P	P	P
39	PATIL AISHWARYA VIJAY	7	P	P	P	P	P
40	PATIL SAYALI	7	P	P	P	P	P
41	BHAGWAT KALUSHAL SANJAY	9	P	P	P	P	P
42	BHOIR JAGRUT JITENDRA	9	P	P	P	P	P
43	GHAJAS SHRIYA PRADEEP	9	P	P	P	P	P
44	MHATRE GAURI MANGESH	9	P	P	P	P	P
45	PATIL ADITI VIJAY	9	P	P	P	P	P
46	POKAR HARDIK JAGDISH	9	P	P	P		P
47	SALAGARE PRASANNA SACHIN	9	P	P	P	P	P
48	SHINDE MAYUR LAXMAN	9	P	P			
49	VICHARE MINAL PRATAP	9	P	P		P	P
50	KHATIB ZAID ALTAF	9	P	P	P	P	
51	PAWAR VIVEK DATTATRAY	9	P	P	P	P	

Total no. of participants: 51





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Course of completion certificate:

