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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

mail: phcoadmin@mes.ac.in

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Inst. Code- AR3427

## **Criterion 5- Student Support and Progression**

### **5.1 -Student Support**

## **5.1.2**

### **ICT/computing skills**





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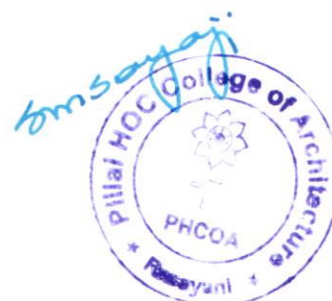
mail: phcoaadmin@mes.ac.in

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5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following :ICT/computing skills

Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
<b>2022-2023</b>			
Computer skills	02 to 06 May 2023	21	Revit- Workshop By Shivaji Sarvade
	02 to 06 May 2023	24	Rhino-Workshop By Shivaji Sarvade
	02 to 06 May 2023	33	Sketch up workshop By Ar. Amit Kadam
	02 to 06 May 2023	65	Expert Talk on Virtual Reality in Architecture By Ar. Rishikesh Vinchurkar
	26 Nov. 2022	15	Introduction to Auto Cad Ar. Jinson Abraham
	21 January 2023	20	Introduction to Sketch up By Ar. Rajanigandha Chaudhary
<b>2021-2022</b>			
Computer skills	05 Feb. 2022	14	Introduction to Autocad drafting techniques By Ar. Rajanigandha Chaudhary
<b>2020-2021</b>			
Computer skills	20 June 2020	20	Auto cad – Basics Architecture learning skills By Ar. Priyam Kandpile
<b>2019-2020</b>			
Computer skills	27 July 2019	20	Introduction to Sketch up By Ar. Amit Kadam





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**5.1.2 – A.Y. 2022 – 2023**

Capacity building and skills enhancement initiatives taken by the institution include the following:

Notice and reports of the following skills and events as listed;

1. COMPUTING SKILLS:	Revit- Workshop Rhino-Workshop Sketch up- SDP Expert Talk on Virtual Reality in Architecture by Ar. Rishikesh Vinchurkar
	Introduction to Autocad software Introduction to sketch up software

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## STUDENT DEVELOPMENT PROGRAM

Learning | Growth | Projections

# 3d modeling

Google sketch up + V ray rendering

For Registration:



For further enquiry:

+91 8788268651

+91 8292858882

Faculty co ordinator  
Prof. Amit Kadam  
Prof. Priyam Kandpile

02 nd to 06 th May, 2023

10 am Onwards

Pillai HOC college of  
Architecture

Pillai HOCL Educational  
Campus. Rasayani

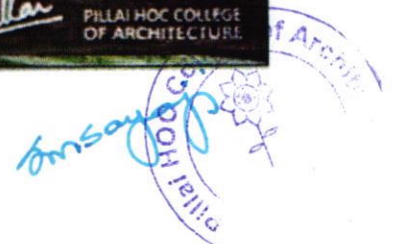
Eligibility for the course : 1st & 2nd year B.Arch students  
(Max 30 Students)

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



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**PHCOA**  
PILLAI HOC COLLEGE  
OF ARCHITECTURE





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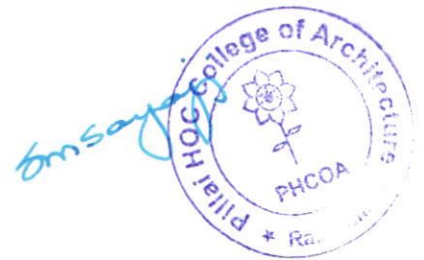
Inst. Code- AR3427

**Course Name: 3D Modelling**

**Course Co-ordinator: Prof. Amit Kadam, Prof. Priyam Kandpile**

Sr. no.	Name of the student	Semester	Division
1	MHATRE ADARSH GOVIND	2	NA
2	MHATRE NEHA ARUN	2	NA
3	SALVI ADEE AJAY	2	NA
4	MHATRE RAJ KISHOR	2	NA
5	JHA SATYAM KUMAR	2	NA
6	BHOPI VARAD DINESH	2	NA
7	SALUNKE NEHA SUNIL	2	NA
8	POSAM ISHA MAHENDRA	2	NA
9	SALUNKHE SAHIL DINESH	2	NA
10	KURADE VAIBHAVI BAPU	2	NA
11	KARVALE ISHAN SUDHIR	2	NA
12	MANDAL PALASH PRADIP	4	NA
13	MALUSARE VAISHNAVI SANTOSH	4	NA
14	PATIL SAKSHI RAJESH	6	B
15	PATIL SWATI DIPAK	6	B

**Total no. of participants: 15**





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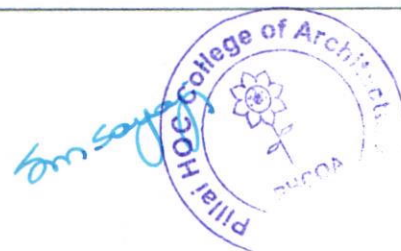
Website : [www.phcoa.ac.in](http://www.phcoa.ac.in) Email : [phcarch@gmail.com](mailto:phcarch@gmail.com)

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Title of the course	:	3D Modelling with Sketch Up+ V ray Rendering
Course Duration (Hours)	:	30
Course Aim	:	Improve visualisation and detailing of structures.
Course Outcomes	1	Participants will be able to <b>differentiate</b> between 2D Drawings & 3D Volumetrics Visuals. (L4)
	2	Participants will be able to <b>plan</b> Architectural building Visuals as per the detailing requirement of proposed requirements. (L6)
	3	Participants will be able to <b>construct</b> Architectural structural system by providing detailed drawings to the Relevant contractor. (L6)
	4	Participants will be able to <b>create</b> 3d model for informed decision making and effective monitoring requirements, Functions & circulations. (L6)
Mode of Delivery	:	Offline
Course Coordinator	:	Prof. Amit Kadam
Course Instructor	:	Prof. Priyam Kandpile

### Detailed Course Content

Day 1		
Lecture No.	Time	Content
1	10.00 am-11.00 am	Brief introduction of Sketch up software
2	11.00 am-12.00 Noon	Basic Interface of Software & Hotkeys
3	12.00 Noon -1.00 pm	Importing 2D Drawings
4	1.30 pm-2.30 pm	Jump start to 3D sketch up Software
5	2.30 pm-3.30 pm	3D Layout
6	3.30 pm-4.30 pm	3D Infrastructure





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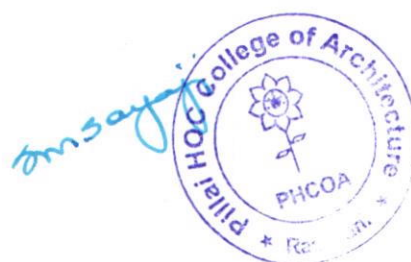
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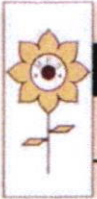
Website : [www.phcoa.ac.in](http://www.phcoa.ac.in) Email : [phcarch@gmail.com](mailto:phcarch@gmail.com)

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Day 2		
Lecture No.	Time	Content
7	10.00 am-11.00 am	Grouping Objects
8	11.00 am-12.00 Noon	Making Components
9	12.00 Noon -1.00 pm	Group assembling & Disassembling
10	1.30 pm-2.30 pm	Practice session for Participants
11	2.30 pm-3.30 pm	Practice session for Participants
12	3.30 pm-4.30 pm	Practice session for Participants

Day 3		
Lecture No.	Time	Content
13	10.00 am-11.00 am	3D Layout openings, Steps, walls
14	11.00 am-12.00 Noon	Adding Elements Materials
15	12.00 Noon -1.00 pm	Making View ports with Styles.
16	1.30 pm-2.30 pm	Practice session for Participants
17	2.30 pm-3.30 pm	Making Scenes & Exporting JPEGs & Animation
18	3.30 pm-4.30 pm	Practice session for Participants





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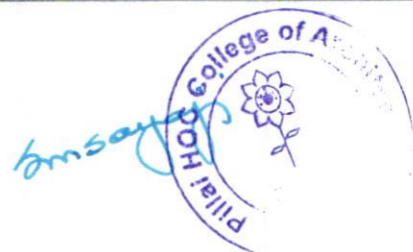
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**Day 4**

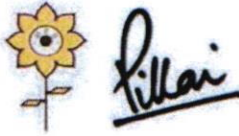
Lecture No.	Time	Content
19	10.00 am-11.00 am	Basics of V-Ray renderings
20	11.00 am-12.00 Noon	Rendering techniques ie. Illumination, Angles, Pans etc.
21	12.00 Noon -1.00 pm	Exporting JPEGs, Videos
22	1.30 pm-2.30 pm	Practice session for Participants
23	2.30 pm-3.30 pm	Practice session for Participants
24	3.30 pm-4.30 pm	Practice session for Participants

**Day 5**

Lecture No.	Time	Content
25	10.00 am-11.00 am	Practice session for Participants
26	11.00 am-12.00 Noon	Assignment Submission
27	12.00 Noon -1.00 pm	Reviewing session.
28	1.30 pm-2.30 pm	Creating project documentation including building services plan and fabrication drawings.
29	2.30 pm-3.30 pm	Practice session for Participants
30	3.30 pm-4.30 pm	Question answers and course recap.







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### 3D Modelling (Google Sketch up + V ray Rendering)

Academic year: 2022-23

<b>Organized by</b>	Pillai HOC College of Architecture, Rasayani
<b>Outcomes</b>	To Learn the Graphical approach towards 3D Visualization & Rendering Techniques, its application in Architecture & Interior Projects
<b>Name of resource person(s)</b>	Prof. Amit Kadam
<b>Introduction about the resource person</b>	Associate professor at Pillai HOC College of Architecture, Rasayani, & Practicing Architect
<b>Date and time</b>	2 <sup>ND</sup> May, 2023 – 6 <sup>th</sup> May, 2023
<b>Venue</b>	Pillai HOC College of Architecture, Rasayani
<b>Faculty coordinator</b>	Prof. Amit Kadam
<b>Supporting staff</b>	Prof. Priyam Kandpile
<b>No. of students Registered</b>	<b>33</b>
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, PHCOA
<b>Brief about the activity/event</b>	<p>3D Modelling is a highly Valuable skill in today's world, as it enables to visualize and create digital prototypes of Design ideas. Sketch up is a popular software for 3D Modelling, and Learning how to use it can open up new opportunities, both professionally &amp; creatively.</p> <p>As a beginner, or just looking to brush up their skills, this SDP will help them to visualize their Architecture &amp; Interior works with different perspective.</p> <p><b>Assignments-</b></p> <ol style="list-style-type: none"><li>1) Create basic infrastructure of our future 3D model by making a tentative 2D layout.</li><li>2) Design &amp; Add Building Elements ie. Door, Windows, Steps, Ceiling, Furniture etc.</li><li>3) Add Materials with appropriate scale.</li><li>4) Render the Model with Different styles.</li></ol>

Faculty Co-ordinator

Prof. Amit Kadam





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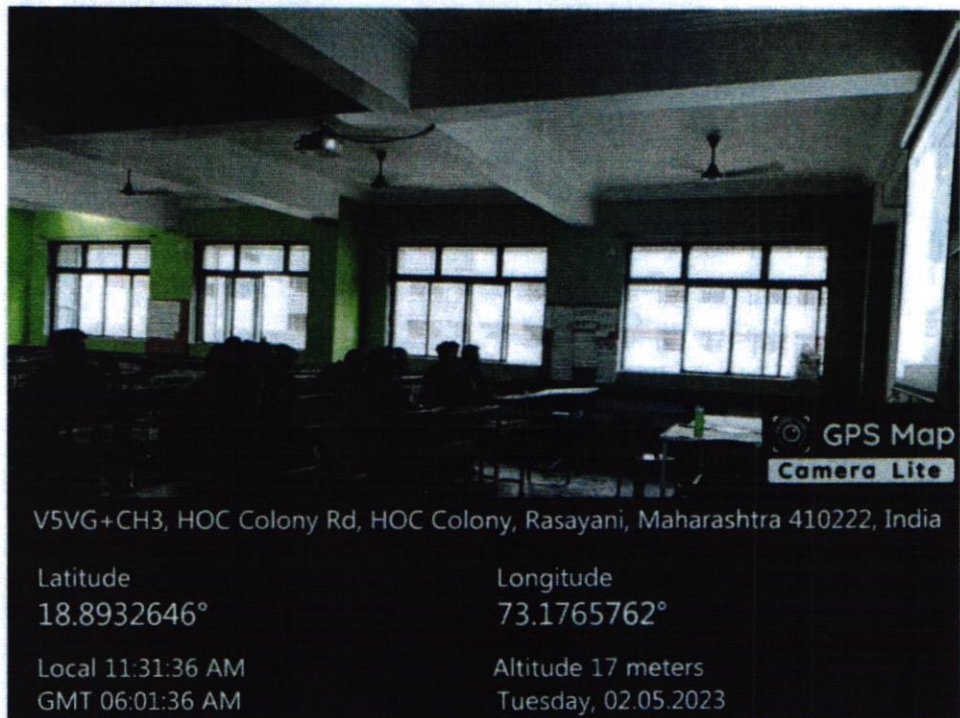
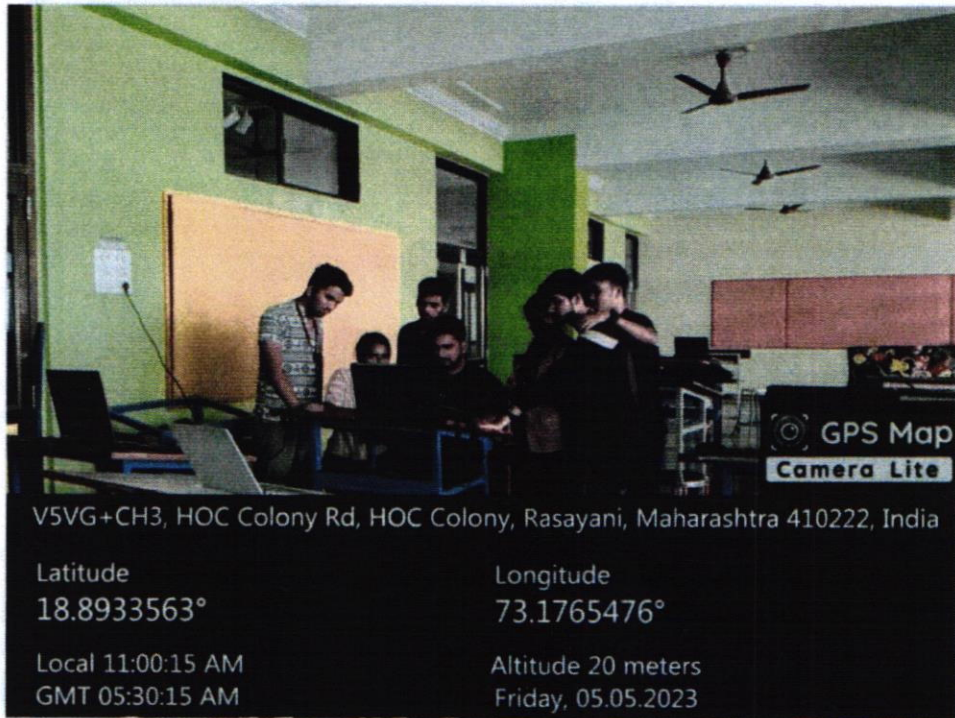
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## Photographs -





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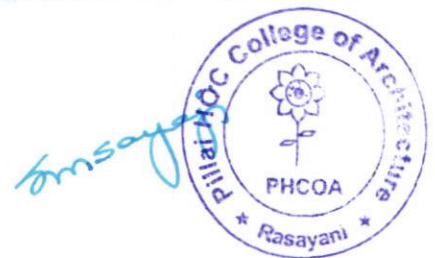
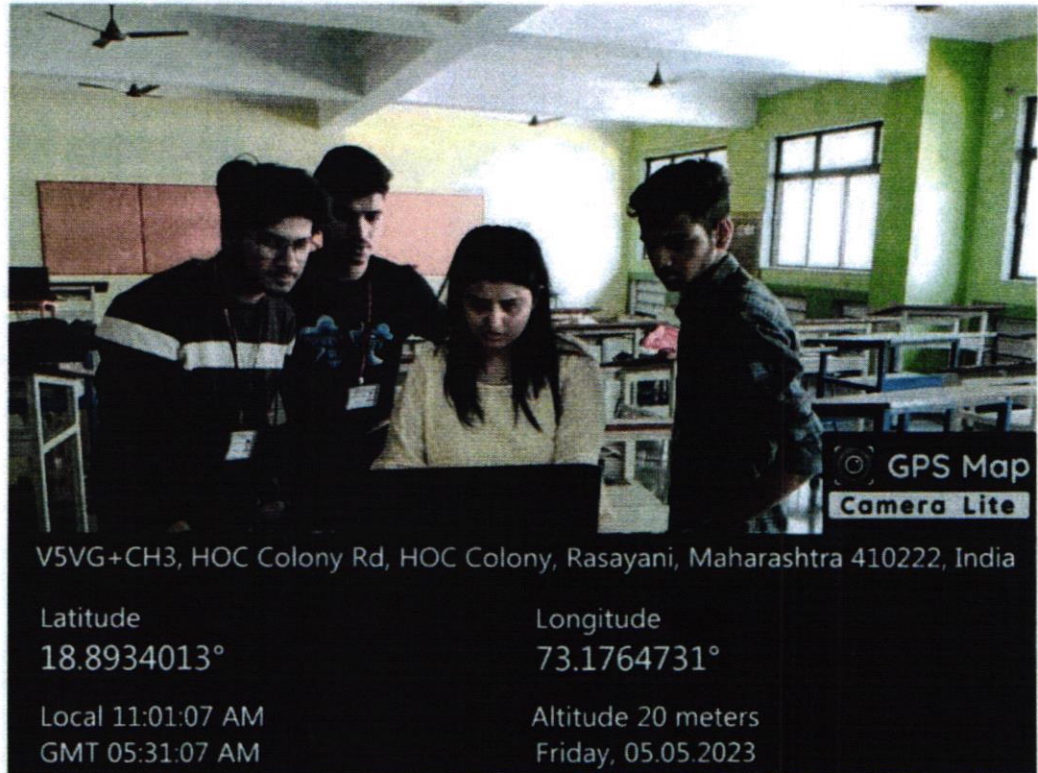
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**Attendance of 3D Modelling-**

UNIVERSITY OF MUMBAI												
PILLAI HOC COLLEGE OF ARCHITECTURE RASAYANI												
ACADEMIC YEAR (2022-23)												
STUDENT DEVELOPMENT PROGRAM												
Course Name		3D Modelling										
Course Co-ordinator		Prof. Amit Kadam, Prof. Priyam Kandpile										
Classroom		Studio - 201-203										
Name of the student	Semester	Division	ATTENDANCE									
			02/05/2023	SIGN	03/05/2023	SIGN	04/05/2023	SIGN	05/05/2023	SIGN	06/05/2023	SIGN
Aditya Anant Kulkarni	Semester 1		A	-	A	-	A	-	A	-	P	Present
Aravind Anant Kulkarni	Semester 2		A	-	P	Present	P	Present	P	Present	P	Present
Ashish Datta	Semester 2		P	Present	P	Present	P	Present	A	-	Present	Present
Arjun Anant Kulkarni	Semester 2		P	Present	P	Present	P	Present	P	Present	P	Present
Chaitanya Kulkarni	Semester 1		P	Present	P	Present	P	Present	P	Present	P	Present
Harsh Datta	Semester 2		P	Present	A	-	P	Present	P	Present	P	Present
Meha Sakunde	Semester 2		P	-	A	-	A	-	A	-	A	-
Arjun Kulkarni	Semester 2		P	Present	P	Present	P	Present	P	Present	P	Present
Arjun Kulkarni	Semester 2		P	Present	P	Present	P	Present	A	-	P	Present

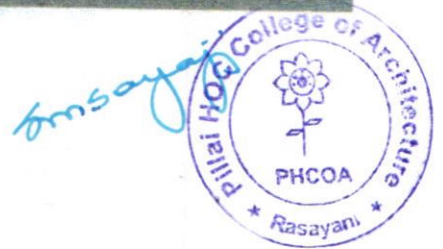
Total no. of participants: \_\_\_\_\_

Signature of Faculty Incharge: \_\_\_\_\_

UNIVERSITY OF MUMBAI												
PILLAI HOC COLLEGE OF ARCHITECTURE RASAYANI												
ACADEMIC YEAR (2022-23)												
STUDENT DEVELOPMENT PROGRAM												
Course Name		Sketchup Modelling										
Course Co-ordinator		Prof. Amit Kadam, Prof. Priyam Kandpile										
Classroom		Studio - 201-203										
Name of the student	Semester	Division	ATTENDANCE									
			02/05/2023	SIGN	03/05/2023	SIGN	04/05/2023	SIGN	05/05/2023	SIGN	06/05/2023	SIGN
Vishnu Kurade	Semester 2		P	Present	P	Present	P	Present	A	-	A	-
Anish Kulkarni	Semester 2		P	Present	P	Present	P	Present	P	Present	P	Present
Palash Mandar	Semester 4		A	-	A	-	A	-	A	-	A	-
Vishnu Malusare	Semester 4		A	-	A	-	A	-	A	-	A	-
Sakshi Rajesh Patil	Semester 6	B	P	Present	P	Present	P	Present	A	-	A	-
Swati Dipak Patil	Semester 7	B	P	Present	P	Present	P	Present	A	-	P	Present

Total no. of participants: \_\_\_\_\_

Signature of Faculty Incharge: \_\_\_\_\_





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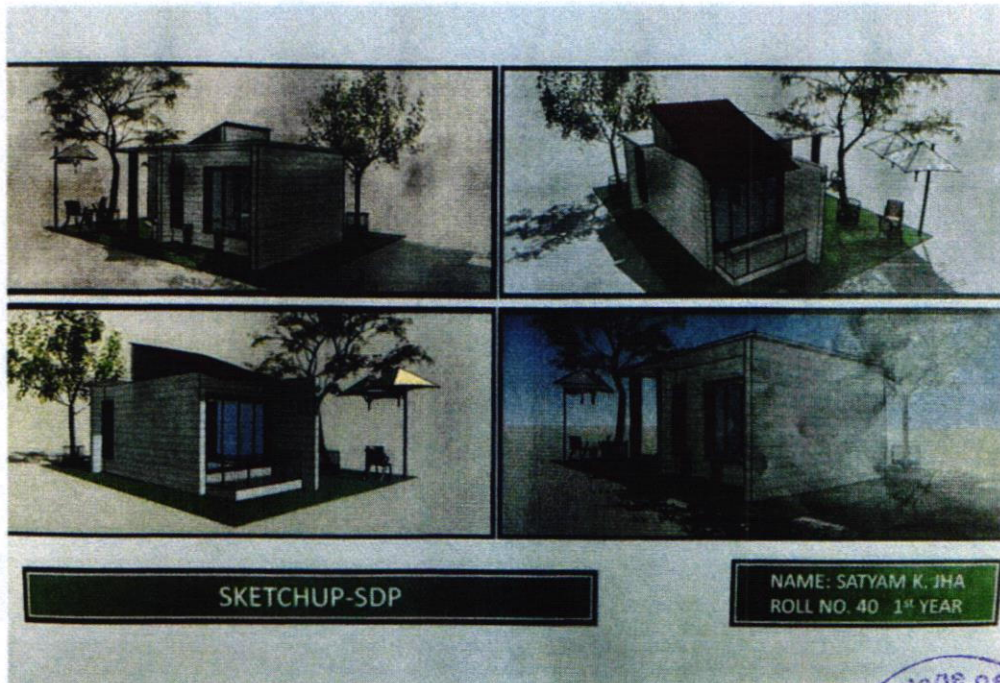
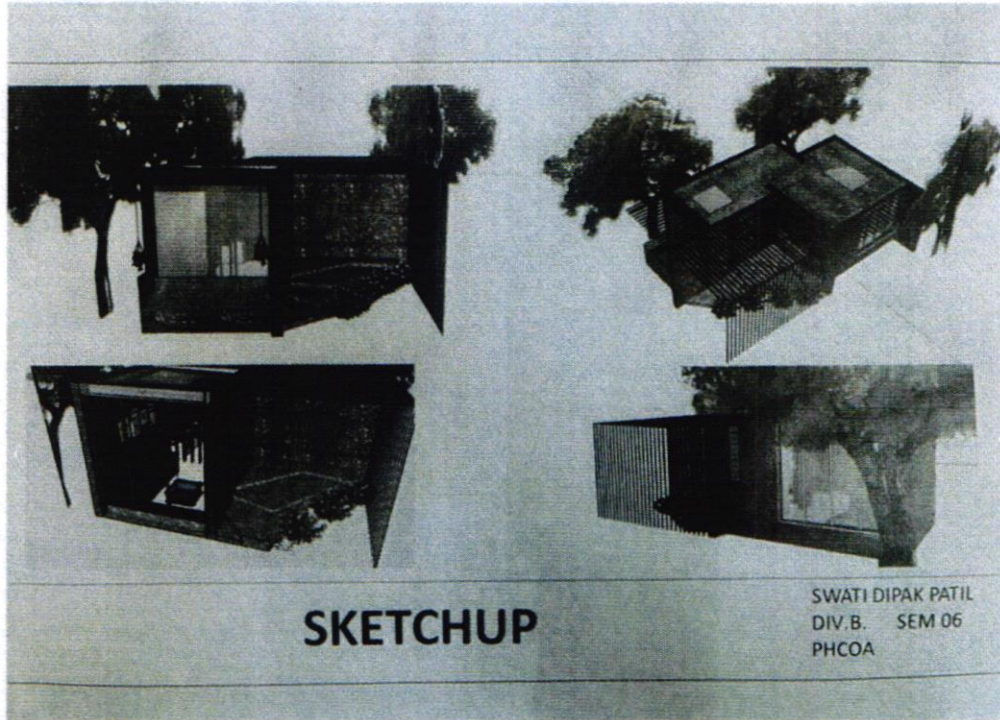
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## Assignments –





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### STUDENT DEVELOPMENT PROGRAM

Learning | Growth | Projections

**rhino architecture.**

parametric modelling workshop  
Training using Licensed Rhino software

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  
Architecture

Pillai HOCL Educational  
Campus, Rasayani

Eligibility for the course: 3rd, 4th & 5th year B.Arch students  
3rd & 4th year B.E Civil students  
(Max 30 Students)

course fees : ₹ 500/- (For PHCOA) ₹ 2000/- (For Others)



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<b>Course Name: Rhino 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	SHINDE AARYA MADAN	6	B
2	MAPKAR ABDUL RAHIM ABDUL HAFIZ	6	B
3	PATIL ASHUTOSH SHAMKANT	6	A
4	MAHALE LOKESHWARI KISHOR	6	A
5	THAKUR PARESH VINAY	6	A
6	PAWAR PRAGATI VIKAS	6	A
7	THAKUR PURVA ATMARAM	6	B
8	PARANJAPE SAIEE HEMANT	6	B
9	NAIK SAMRUDDHI DINESH	6	A
10	PATIL VIRAJ PARSHURAM	6	B
11	KALE AISHWARYA RAMESH	6	A
12	PATIL KIRAN JAGDISH	6	B
13	PATIL SAYALI PANDURANG	6	B
14	VARMA POOJA ASHOK	6	B
15	JAWALE POORNIMA DEVENDRA	6	A
16	GHAVATE SAKSHI ASHOK	6	B
17	TAMBE SAMIDHA MOHAN	6	B
18	ATPALKAR SHRADDHA BHAGWAT	6	B
19	DHAWALE SHRAVANI PRADEEP	6	B
20	POWAR SNEHA RAJIV	6	B
21	THOMBARE SWARAJ RAJENDRA	6	B
22	THAKUR AARYA ALANKAR	6	B
23	ZUNJARRAO SAMARTH NARESH	6	B
24	SARANYA PRAKASH A	8	B
<b>Total no. of participants: 24</b>			





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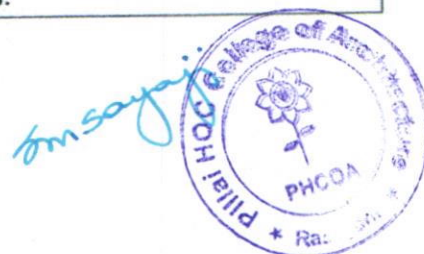
Website : [www.phcoa.ac.in](http://www.phcoa.ac.in) Email : [phcarch@gmail.com](mailto:phcarch@gmail.com)

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Title of the course	:	Introduction to Parametric Design using Grasshopper
Course Duration (Hours)	:	30
Course Aim	:	Introduce parametric design through visual programming language Grasshopper
Course Outcomes	1	Participants will be able to <b>generate</b> simple geometry using visual programming. (L6)
	2	Participants will be able to <b>organise</b> parameters of importance in order to create a geometrical form. (L4)
	3	Participants will be able to <b>create</b> a parametric structure using visual programming language. (L6)
	4	Participants will be able to <b>produce</b> 3D views, documentation for construction of parametric structures. (L6)
Mode of Delivery	:	Offline / Online
Course Coordinator	:	Shivaji M. Sarvade
Course Instructor	:	Shivaji M. Sarvade

**Detailed Course Content**

Day 1		
Lecture No.	Time	Content
1	10.00 am-11.00 am	Introduction to visual programming, Rhino interface, Grasshopper interface
2	11.00 am-12.00 Noon	Introduction to creating points, lines using Grasshopper
3	12.00 Noon -1.00 pm	Practice session for participants.
4	1.30 pm-2.30 pm	Creating parametric building frame using Grasshopper part 1
5	2.30 pm-3.30 pm	Creating parametric building frame using Grasshopper part 2
6	3.30 pm-4.30 pm	Practice session for participants.







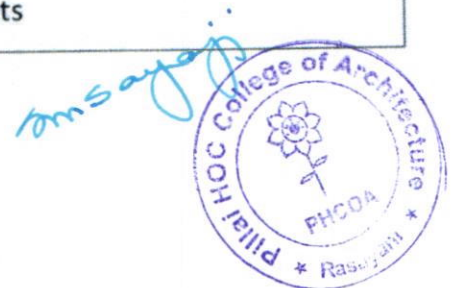
**PILLAI HOC COLLEGE OF ARCHITECTURE**

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad. Pin 410207  
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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Day 2		
Lecture No.	Time	Content
7	10.00 am-11.00 am	Basic mathematical operations in Grasshopper
8	11.00 am-12.00 Noon	Introduction to NURBS Geometry.
9	12.00 Noon -1.00 pm	Modelling curves using Grasshopper.
10	1.30 pm-2.30 pm	Practice session for participants.
11	2.30 pm-3.30 pm	Data structure in Grasshopper part 1
12	3.30 pm-4.30 pm	Data structure in Grasshopper part 2
Day 3		
Lecture No.	Time	Content
13	10.00 am-11.00 am	Introduction to Lunchbox plugin.
14	11.00 am-12.00 Noon	Creating portal frame using Lunchbox
15	12.00 Noon -1.00 pm	Practice session for participants.
16	1.30 pm-2.30 pm	Creating space frame using Lunchbox part 1
17	2.30 pm-3.30 pm	Creating space frame using Lunchbox part 2
18	3.30 pm-4.30 pm	Practice session for participants.
Day 4		
Lecture No.	Time	Content
19	10.00 am-11.00 am	Modelling a parametric pavilion in Grasshopper part 1
20	11.00 am-12.00 Noon	Modelling a parametric pavilion in Grasshopper part 2
21	12.00 Noon -1.00 pm	Practice session for participants.
22	1.30 pm-2.30 pm	Baking the geometry in Grasshopper part 1
23	2.30 pm-3.30 pm	Baking the geometry in Grasshopper part 2
24	3.30 pm-4.30 pm	Practice session for participants





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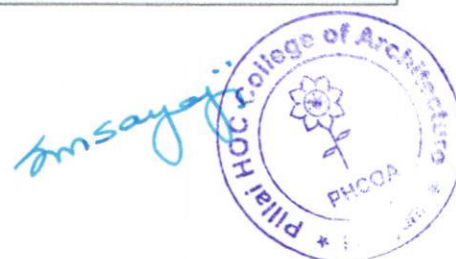
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**Day 5**

Lecture No.	Time	Content
25	10.00 am-11.00 am	Use of vectors in Grasshopper.
26	11.00 am-12.00 Noon	Use of plane in Grasshopper.
27	12.00 Noon -1.00 pm	Modelling of parametric trusses – Vierendeel
28	1.30 pm-2.30 pm	Modelling of parametric trusses – Pratt
29	2.30 pm-3.30 pm	Modelling of parametric trusses – Warren
30	3.30 pm-4.30 pm	Parametric modelling of façade.





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### Rhino Architecture: Introduction to Parametric Modelling

Academic year: 2022-23

Organised by	Pillai HOC College of Architecture, Rasayani
Objectives	Following are the outcomes of the SDP <ol style="list-style-type: none"><li>1. Participants will be able to <b>compare</b> static design (2D and 3D) with parametric design using visual programming.</li><li>2. Participants will be able to <b>implement</b> visual programming through Grasshopper in Rhino for parametric design.</li><li>3. Participants will be able to <b>recommend</b> Grasshopper components to create parametric designs.</li><li>4. Participants will be able to <b>generate</b> algorithms using Grasshopper for parametric designs.</li></ol>
Name of resource person(s)	Shivaji Madhukar Sarvade
Introduction about the resource person	Structural Engineer and Assistant Professor at Pillai HOC College of Architecture, Rasayani.
Date and time	2nd May, 2023 to 6th May, 2023 – 10.00 am to 4:30 pm
Venue	Computer Lab
Faculty coordinator	Shivaji Madhukar Sarvade
Supporting staff	NA
No. of students Registered	24
Program approved by	Prof. Suchita Sayaji, Principal, PHCOA
Brief about the activity/event	The construction industry has grown at a very rapid pace and the designs are becoming complex. Challenging geometrical shapes are being routinely proposed in the field of architecture. These challenging forms are a blend of generative design through complex mathematical calculations. With the advent of visual programming tools such as Grasshopper, designers are relieved from the hard work of learning the syntax of programming and focus on the design. The skill of visual programming to create a parametric design can efficiently produce more than one design alternatives within fraction of second. The visual programming skill is one of the most in demand skills in the industry. Moreover, thinking, sketching and formalizing an algorithm for a parametric design leads to crystal clear understanding of proposed structure along with its phases of construction. Generating multiple design options for





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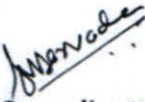
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	choosing the best possible solution considering client's need and the environment around needs a systematic approach which can easily be accomplished by creating good algorithm. The SDP is planned considering all the aspects and it is a beginner level program in which the participants will be introduced to the limitless possibilities with visual programming.
Remarks	SDP was successful and all participants achieved desired outcomes.

  
Faculty Co-ordinator

Prof. Shivaji Madhukar Sarvade





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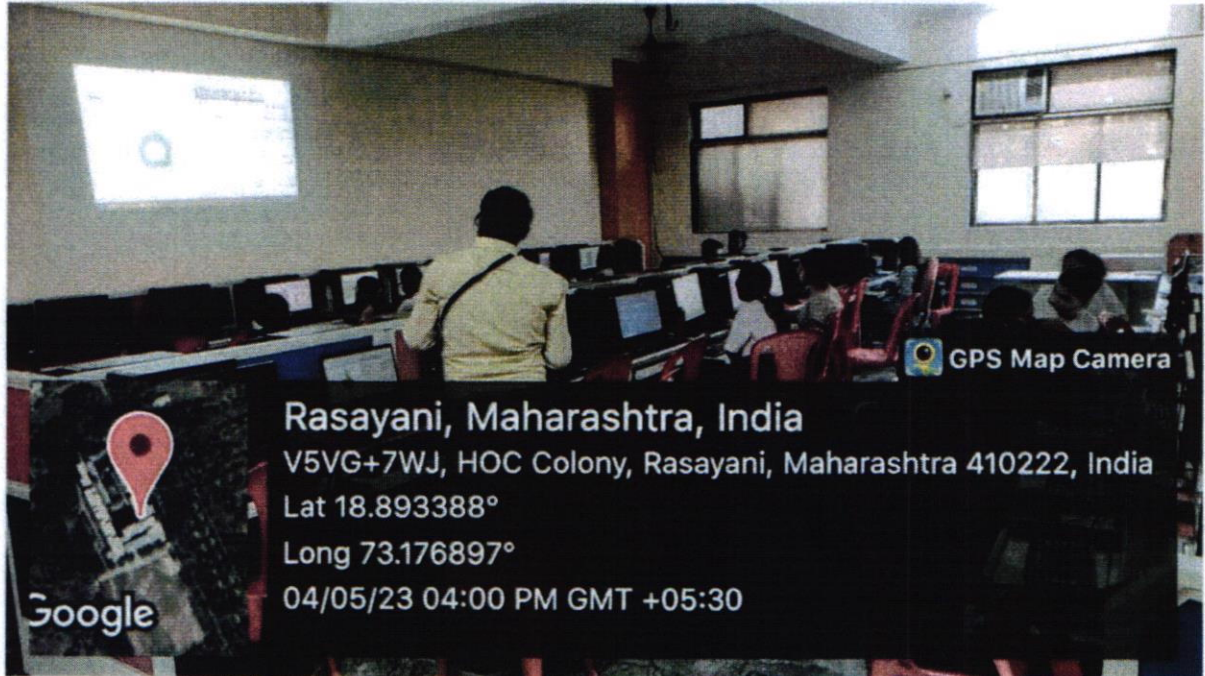
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### Photographs of Rhino Architecture-





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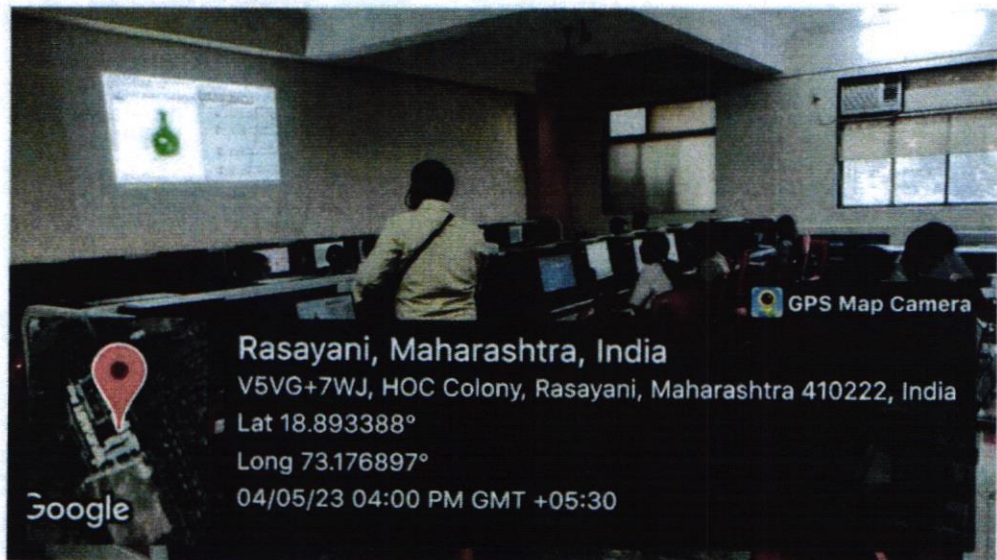
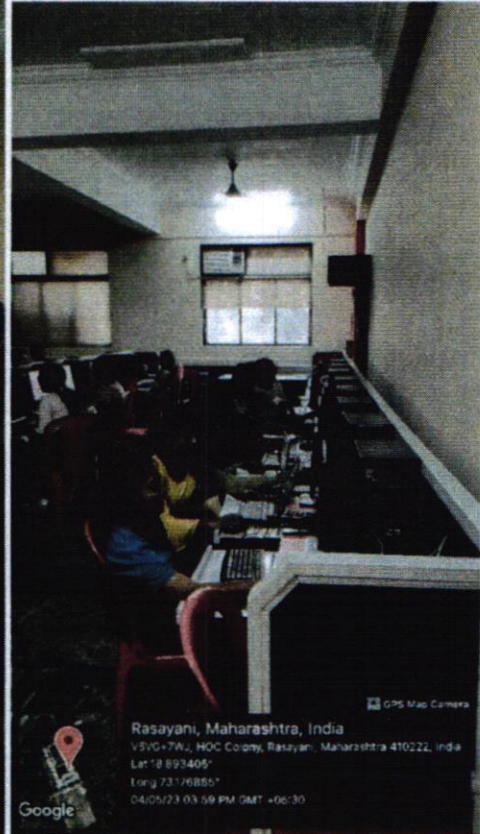
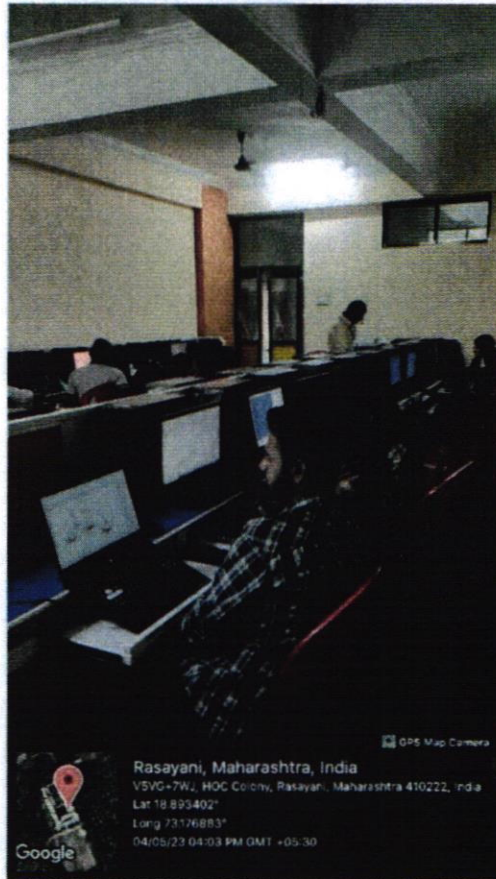
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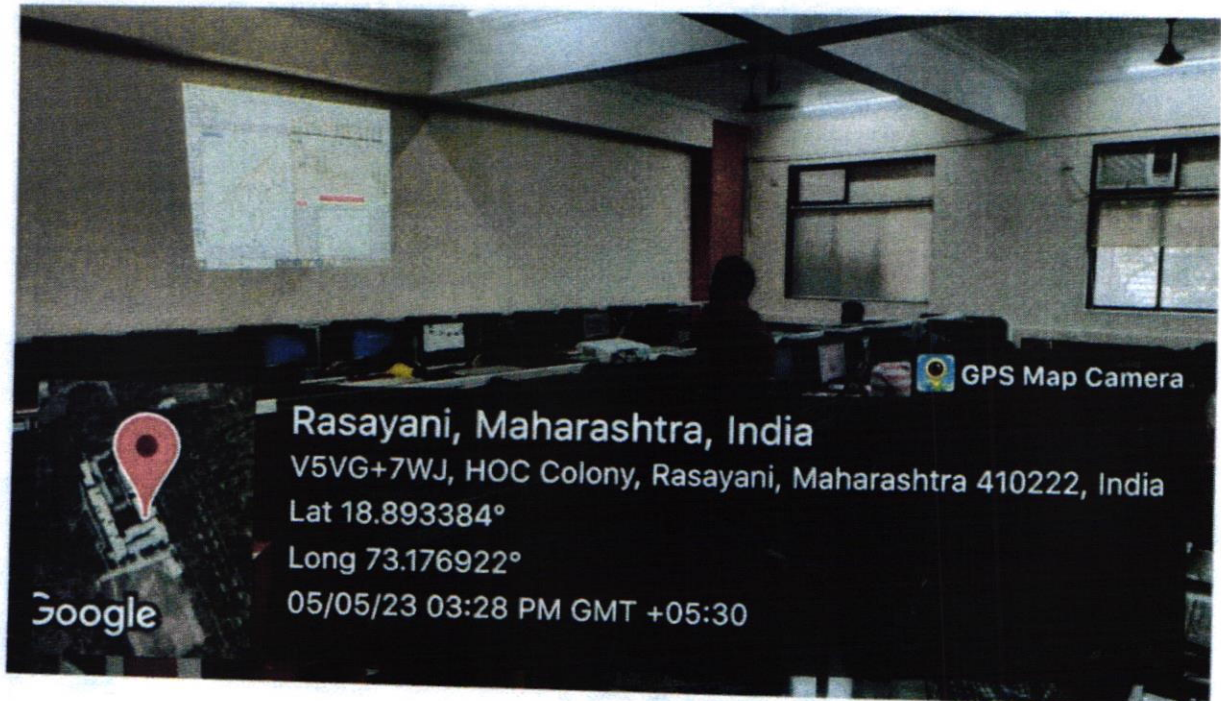
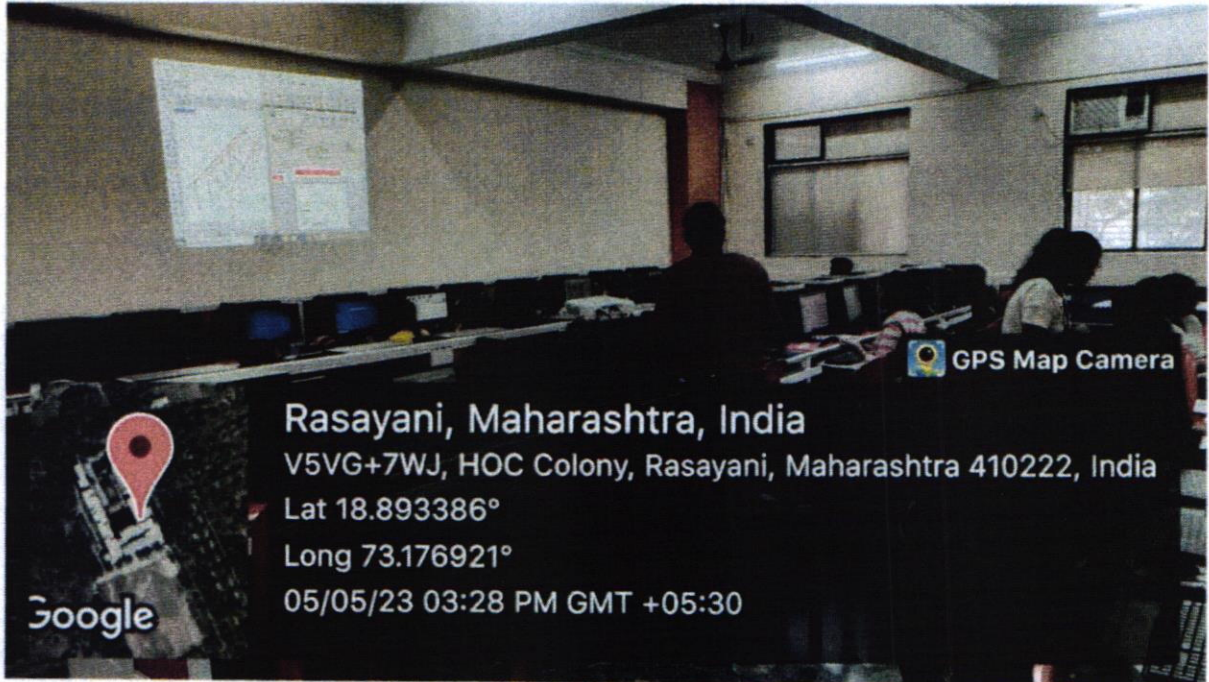
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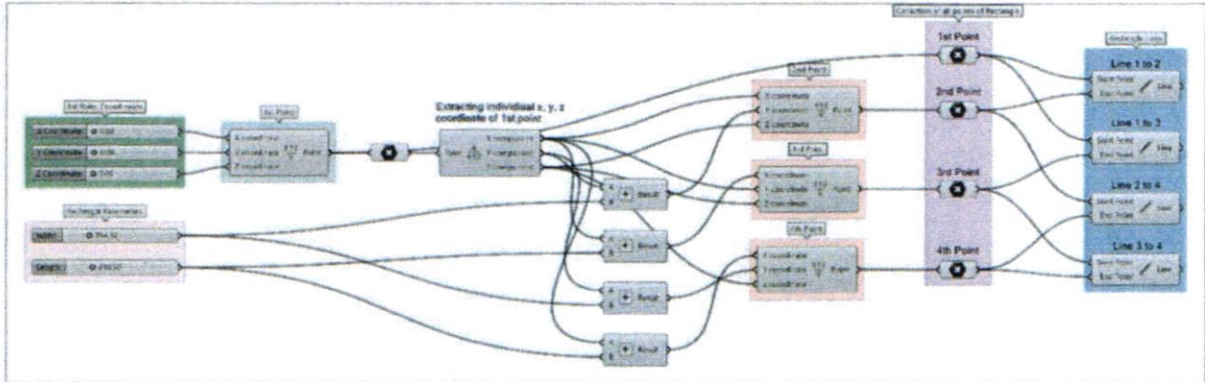
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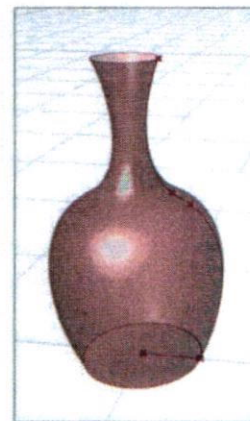
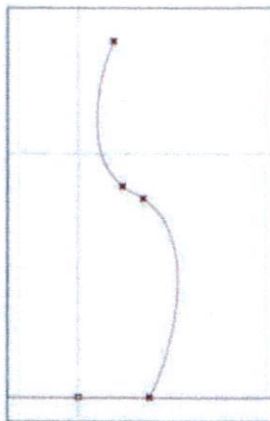
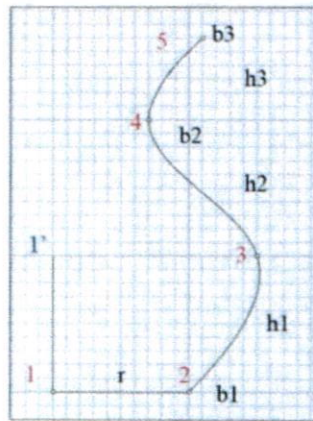
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## Assignments of Rhino Architecture -



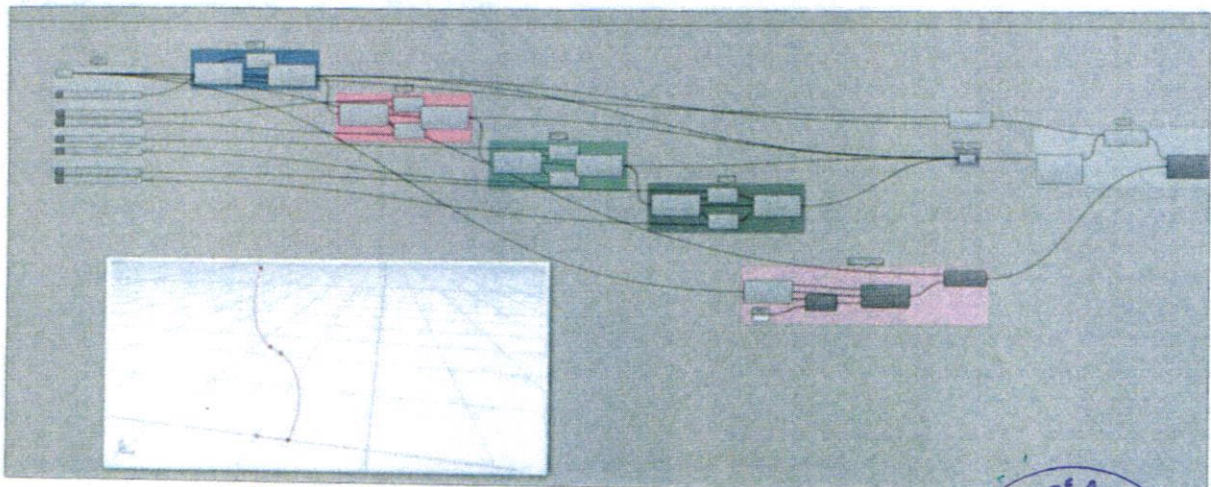
## Exercise



PHCOA

Shivaji M. Sarvade  
Bachelard Engineer &  
Assistant Professor, PHCOA

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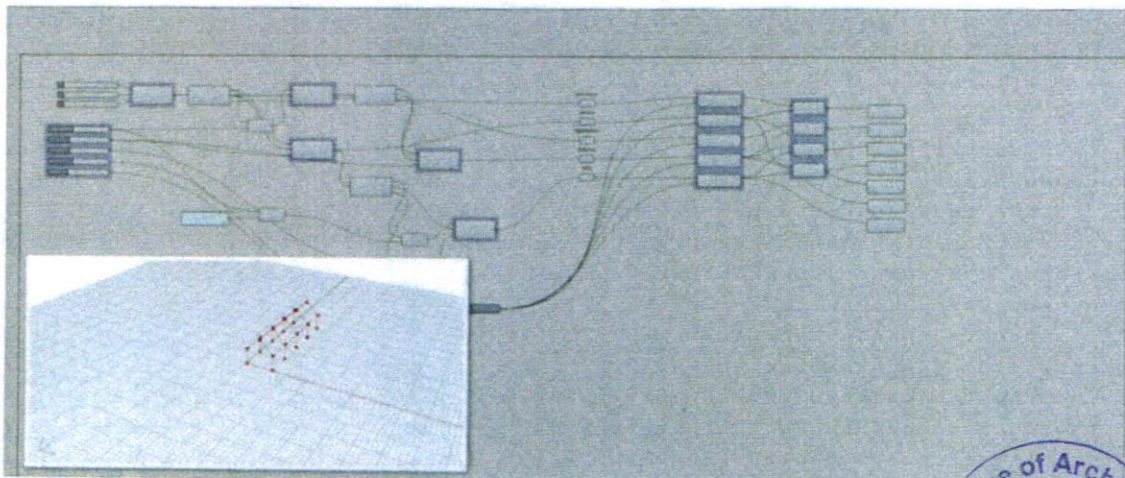
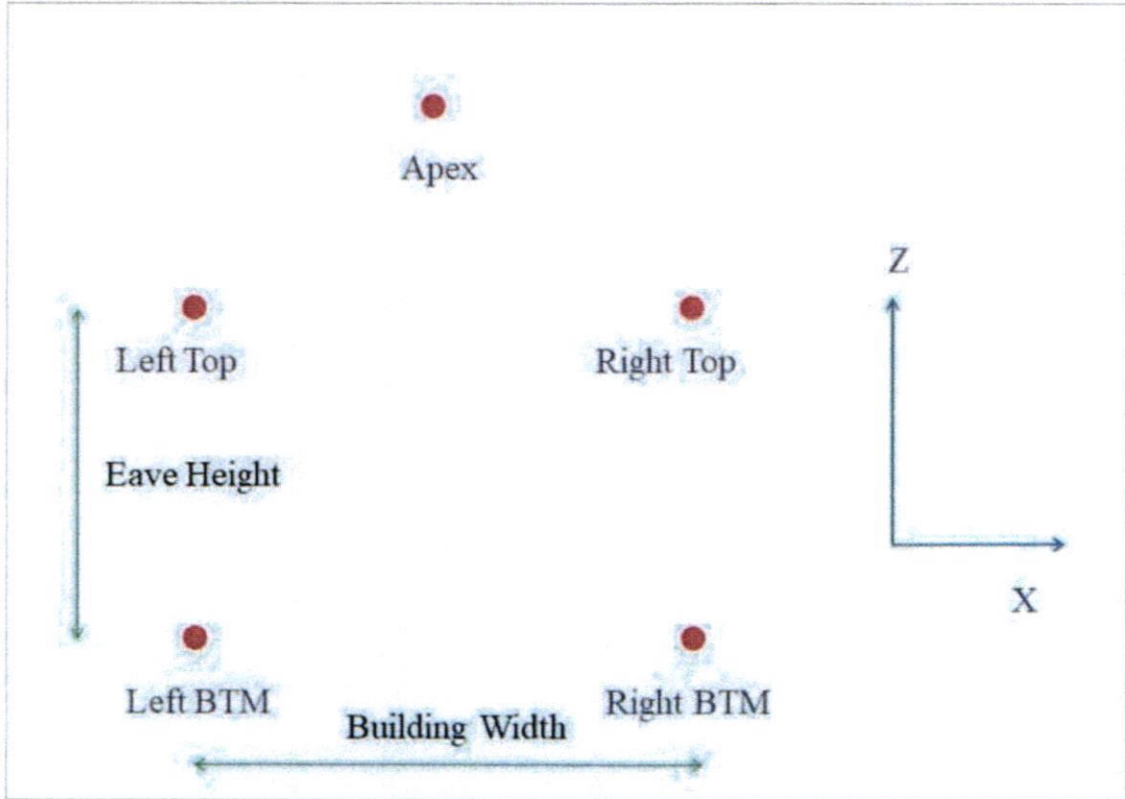
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**Attendance of Rhino Architecture –**

UNIVERSITY OF MUMBAI PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI ACADEMIC YEAR (2022-23) STUDENT DEVELOPMENT PROGRAM												
Course Name	Rhino Architecture											
Course Co-ordinator	Prof. Shivaji Sarvade											
Classroom	Computer Lab											
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
Poojama	Semester 7	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>				
Sakshi Ashok Chavale	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Samridha Tembe	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>	
SHRADDHA BHAGINAT ATPAL	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Shivani Dhawale	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Snaha Rajiv Pokar	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>	
SVNRAJ RAJENDRA THOMBA	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>	
Aarys Alankar Thakur	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Samarth Zunjaras	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Saranya Prakash A	Semester 8	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	

Total no. of participants: 24  
Signature of Faculty Incharge: *[Signature]* Shivaji Sarvade

UNIVERSITY OF MUMBAI PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI ACADEMIC YEAR (2022-23) STUDENT DEVELOPMENT PROGRAM												
Course Name	Rhino Architecture											
Course Co-ordinator	Prof. Shivaji Sarvade											
Classroom	Computer Lab											
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
Aarys Shinde	Semester 6	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Abdul Rahim Abdul Hafiz Mankar	Semester 6	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Ashutosh Patil	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Lokeshwari Kishor Mahale	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Parash Vinay Thakur	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Pragati Pawar	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Purva Abhitaran Thakur	Semester 6	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Saize Paranjape	Semester 6	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Samruddhi Dinesh Naik	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Viral Parshuram Patil	Semester 6	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Aishwarya Kale	Semester 6	A		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Kiran Patil	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Patil sayal pandurang	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	
Pooja Ashokkumar Varma	Semester 7	B		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>			<i>[Signature]</i>	

Total no. of participants: 24  
Signature of Faculty Incharge: *[Signature]* Shivaji Sarvade





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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  
Architecture  
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)

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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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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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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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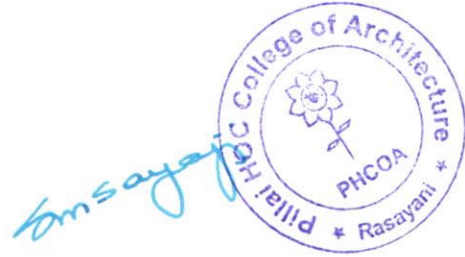
**PILLAI HOC COLLEGE OF ARCHITECTURE**

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad. Pin 410207  
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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Web: www.phcoa.ac.in

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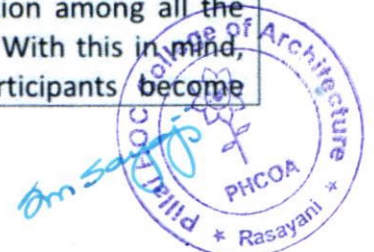
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### Revit Architecture: Detailing of Steel Structure

Academic year: 2022-23

Organised by	Pillai HOC College of Architecture, Rasayani
Objectives	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>
Name of resource person(s)	Shivaji Madhukar Sarvade
Introduction about the resource person	Structural Engineer and Assistant Professor at Pillai HOC College of Architecture, Rasayani.
Date and time	2nd May, 2023 to 6th May, 2023 – 10.00 am to 4:30 pm
Venue	Studio 607
Faculty coordinator	Shivaji Madhukar Sarvade
Supporting staff	NA
No. of students Registered	21
Program approved by	Prof. Suchita Sayaji, Principal, PHCOA
Brief about the activity/event	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.

*Shivade*

**Faculty Co-ordinator**

Prof. Shivaji Madhukar Sarvade





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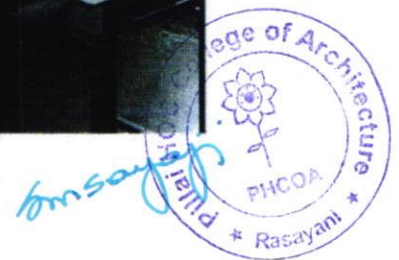
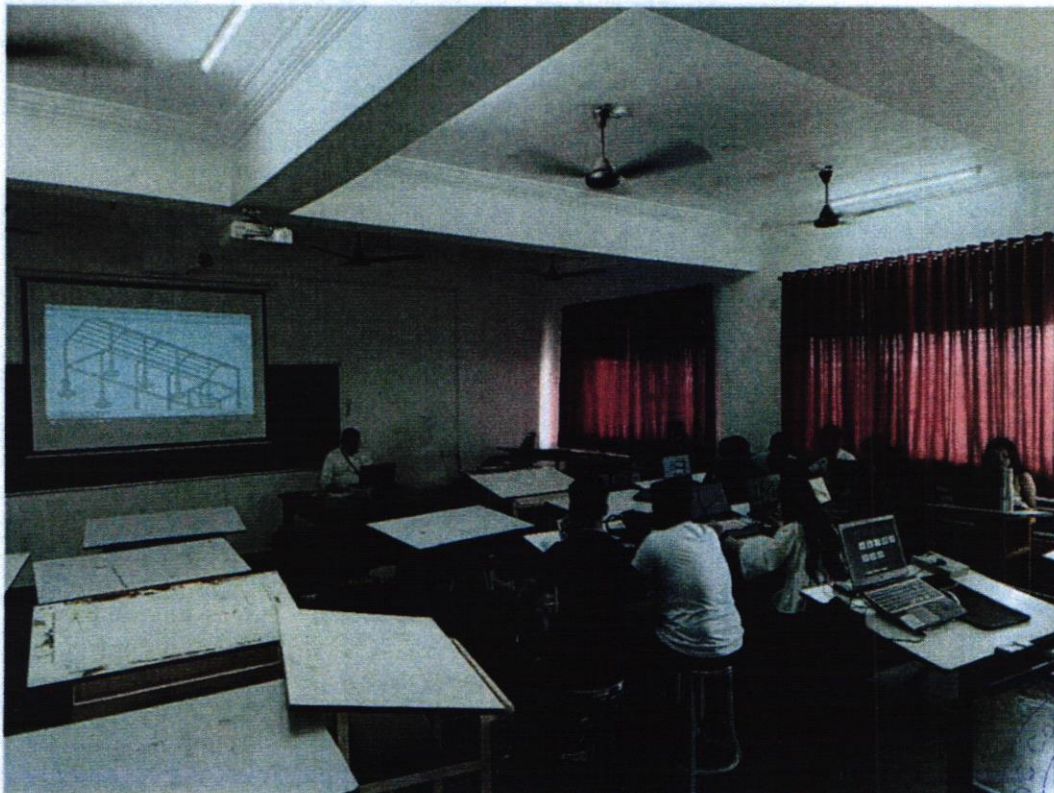
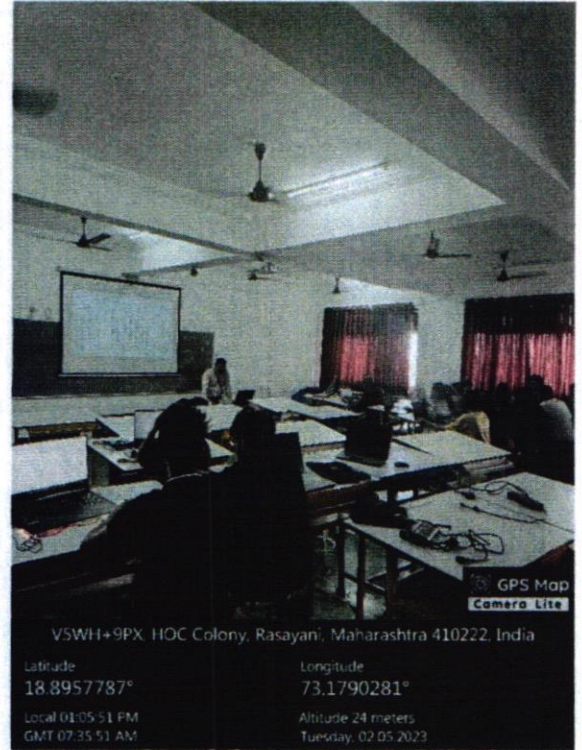
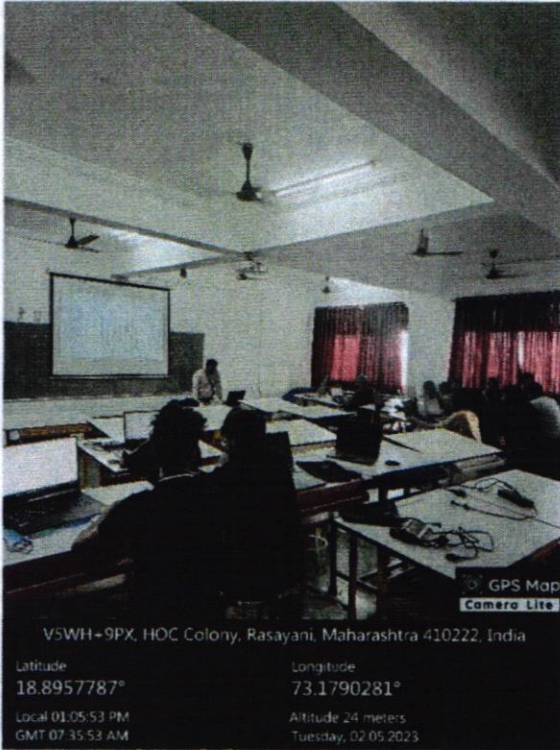
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## Photographs of Revit Architecture:





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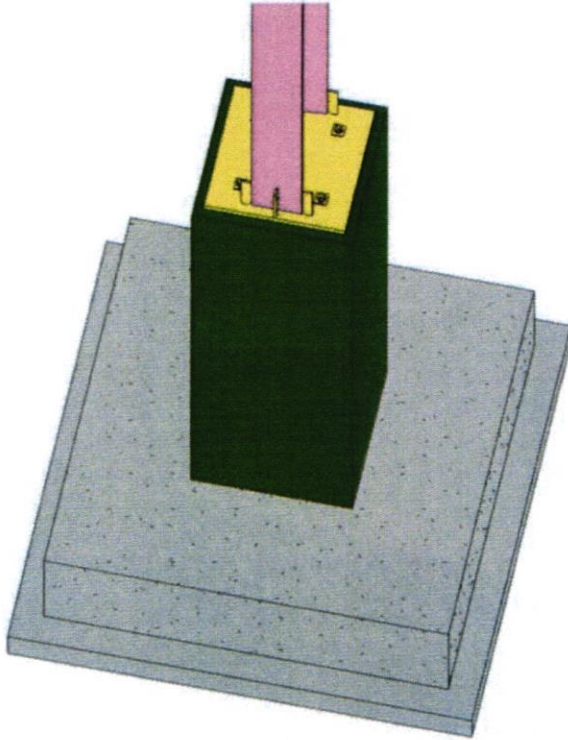
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Web: [www.phcoa.ac.in](http://www.phcoa.ac.in)

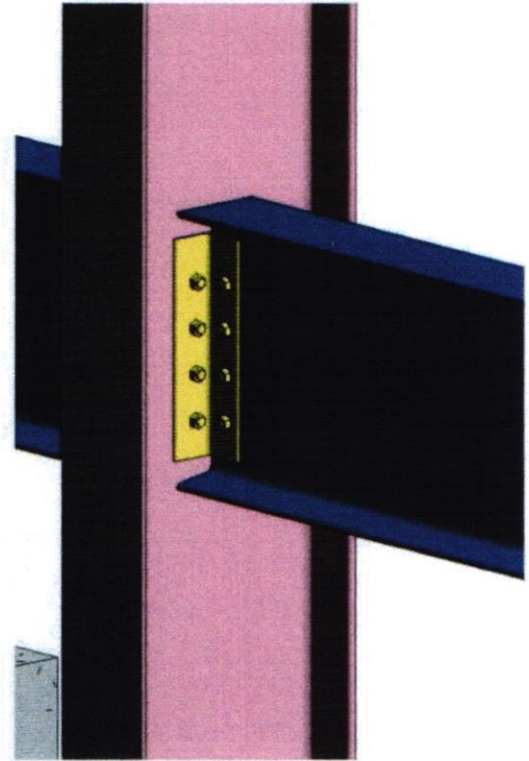
mail: [phcoaadmin@mes.ac.in](mailto:phcoaadmin@mes.ac.in)

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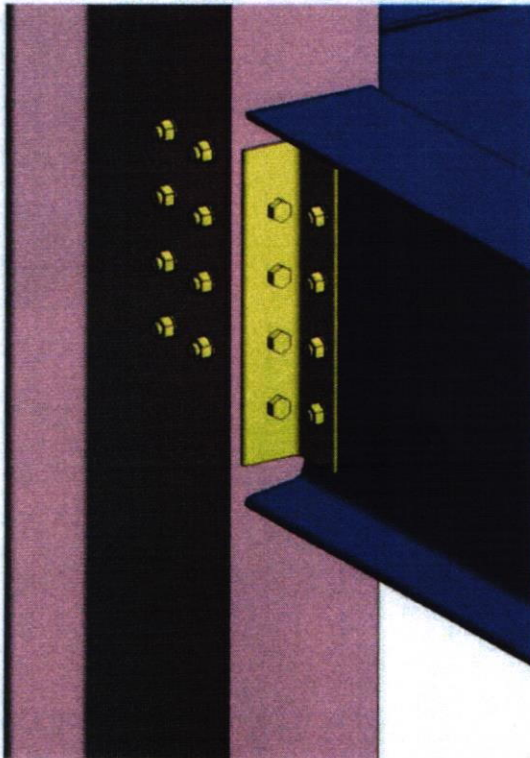
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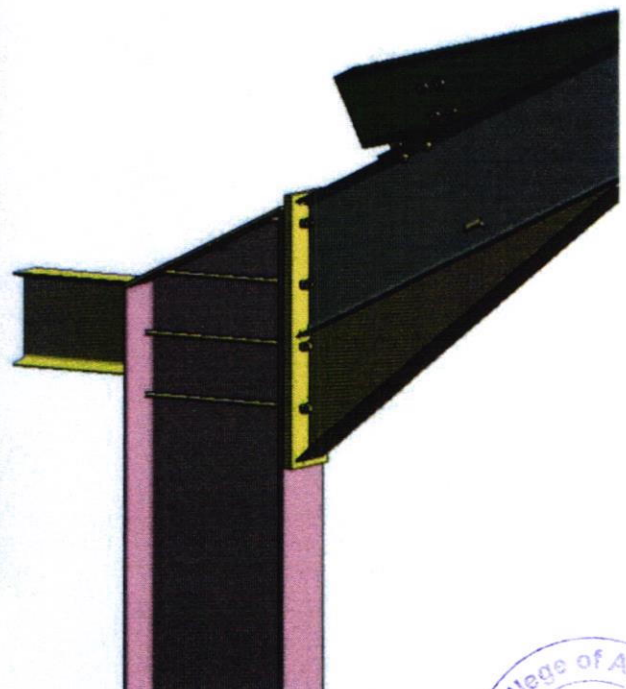
Base Plate Connection



Beam to Column Web connection



Beam to Column Flange Connection



Rafter Beam to Column Connection







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## Attendance of Revit Architecture –

UNIVERSITY OF MUMBAI PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI Pillai HOCL Educational Campus, 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
Arunol Singh	Semester 4											
Tanmay Sukhadare	Semester 4											
Sandesh bhaskar	Semester 4											
Nidhi Mokai	Semester 4											
Isha deepak kadne	Semester 7	A										
Jayesh kishor ingale	Semester 8	B										
Mayuri Nivad Mhatre	Semester 8	B										
Abhay Ambadas Devkakar	Semester 8	A										
Nikita Karpe	Semester 8	B										
PARIDHI BHARAT DODIYA	Semester 8	A										
Total no. of participants			21									
Signature of Faculty Incharge			Bhatam D. Sable Sem 8 Shivaji J.									

UNIVERSITY OF MUMBAI PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI Pillai HOCL Educational Campus, 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										
Runali Suresh Shewale	Semester 8	B										
SAHIL JARUL SHAMKH	Semester 8	A										
Shreeparth kumbhar	Semester 8	A										
Shruti Humbe	Semester 8	A										
Viraj	Semester 8	B										
YASH NIKHIL PATEL	Semester 8	A										
Aniruddha Mhatre	Semester 8	A										
Gayatri Patil	Semester 8	B										
Navin Nakka	Semester 8	B										
CHINMAY NALAWADE	Semester 8											
Total no. of participants			21									
Signature of Faculty Incharge			Shivaji S.									





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**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**

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

DATE:19/11/2022

**NOTICE**

ALL STUDENTS ARE HEREBY INFORMED TO ATTEND THE FOLLOWING  
SESSION ON,

**'COMPUTER SKILLS – AUTOCAD 2022-2023'**

By

**Prof. Jinson Abraham**

26 Nov. 2022

Timing: 10.00 pm to 12.30pm

Venue: 1<sup>st</sup> Floor Computer Lab

For Information & Convener – Faculty co-ordinator Prof. Aswathy Rajgopal



(Principal)





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## PILLAI HOC COLLEGE OF ARCHITECTURE

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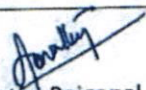
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### INTRODUCTION TO AUTOCAD SOFTWARE

Academic year: 2022-2023

Organised by	Pillai HOC College of Architecture, Rasayani
Outcomes	<ul style="list-style-type: none"><li>To develop proficiency in technical drafting, including creating floor plans, elevations, sections, and other construction drawings.</li><li>Students can learn how to use these tools effectively, enabling them to work more efficiently and produce accurate drawings.</li><li>Students are exposed to an industry-standard software tool, which enhances their employability prospects.</li><li>Students are equipped with essential technical skills, enhance their design communication abilities, and prepare themselves for the demands of the architectural profession in the digital age.</li></ul>
Name of resource person(s)	Prof. Jinson Abraham
Introduction about the resource person	<b>Prof. Jinson Abraham</b> Assistant Professor in Pillai HOC College of Architecture.
Date and time	<b>Prof. Jinson Abraham</b> 26 Nov. 2022 Time: 10.00 am to 12.30pm
Venue	1 <sup>st</sup> Floor Computer Lab Pillai HOCL Educational Campus
Faculty coordinator	Prof. Aswathy Rajgopal
Supporting staff	-
No. of students present	14
Program approved by	Prof. Suchita Sayaji, Principal, PHCOA
Brief about the activity/event	The objective of this AutoCAD workshop is to provide architectural students with comprehensive training on AutoCAD software, enabling them to develop proficiency in creating accurate and professional architectural drawings. The workshop will focus on essential AutoCAD tools and techniques relevant to architectural design and drafting, equipping students with the skills necessary to produce high-quality architectural plans, elevations, sections, and 3D models.
Remarks	It was a successful workshop where students learned AutoCAD.

  
Prof. Aswathy Rajgopal  
(Faculty Coordinator)



  
Suchita Sayaji







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**PILLAI HOC COLLEGE OF ARCHITECTURE**

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**5.1.2 – A.Y. 2021 – 2022**

Capacity building and skills enhancement initiatives taken by the institution include the following:

Notice and reports of the following skills and events as listed

1. COMPUTING SKILLS:	Introduction to AutoCAD drafting techniques
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MAHATMA EDUCATION SOCIETY'S  
**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

DATE: 20/01/2022

**NOTICE**

ALL STUDENTS ARE HEREBY INFORMED TO ATTEND THE FOLLOWING  
SESSION ON,

**'COMPUTER SKILLS – AUTOCAD 2021-2022'**

By

**Ar. Rajnigandha Choudhary**

5 February 2022

Timing: 10.00 pm to 12.30pm

Venue: 1<sup>st</sup> Floor Computer Lab

For Information & Convener – Faculty co-ordinator : Ar. Rajnigandha Choudhary



(Principal)





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## PILLAI HOC COLLEGE OF ARCHITECTURE

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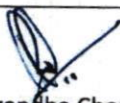
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### INTRODUCTION TO AUTOCAD DRAFTING TECHNIQUES

Academic year: 2021-2022

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Outcomes</b>	<ul style="list-style-type: none"><li>• To develop proficiency in technical drafting, including creating floor plans, elevations, sections, and other construction drawings.</li><li>• Students can learn how to use these tools effectively, enabling them to work more efficiently and produce accurate drawings.</li><li>• Students are exposed to an industry-standard software tool, which enhances their employability prospects.</li><li>• Students are equipped with essential technical skills, enhance their design communication abilities, and prepare themselves for the demands of the architectural profession in the digital age.</li></ul>
<b>Name of resource person(s)</b>	Prof. Rajnigandha Choudhary
<b>Introduction about the resource person</b>	<b>Prof. Rajnigandha Choudhary</b> Assistant Professor in Pillai HOC College of Architecture.
<b>Date and time</b>	5 Feb. 2022 Time: 10.00 am to 12.30pm
<b>Venue</b>	1 <sup>st</sup> Floor Computer Lab Pillai HOCL Educational Campus
<b>Faculty coordinator</b>	Prof. Rajnigandha Choudhary
<b>Supporting staff</b>	Prof. Aswathy Rajagopal
<b>No. of students present</b>	14
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, PHCOA
<b>Brief about the activity/event</b>	The objective of this AutoCAD workshop is to provide architectural students with comprehensive training on AutoCAD software, enabling them to develop proficiency in creating accurate and professional architectural drawings. The workshop will focus on essential AutoCAD tools and techniques relevant to architectural design and drafting, equipping students with the skills necessary to produce high-quality architectural plans, elevations, sections, and 3D models.
<b>Remarks</b>	It was a successful workshop where students learned Autocad.

  
Prof. Rajnigandha Choudhary  
(Faculty Coordinator)





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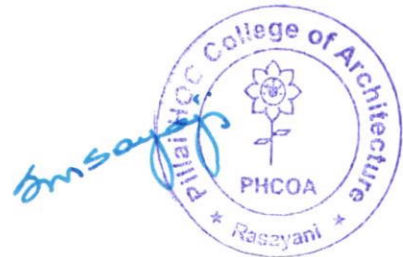
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Students engaged in Learning Auto cad software.









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**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
ACADEMIC YEAR 2021-22 | ATTENDANCE / PROGRESSIVE MARKS | BATCH 2020  
SECOND YEAR B.ARCH (SEM-4) DIV: B. MONTH: *5 Feb 2022*

SUBJECT: *Auto cad - Intro* SUBJECT CODE:

NO.	ADMISSION NO	STUDENT'S NAME							
33.	2020HA0059	SAGALGILE PIYANSH SUDHIR	P						
34.	2020HA0036	/SHELAR PRITEE DILIP							
35.	2020HA0068	/SHINDE AARYA MADAN							
36.	2020HA0032	SHINDE SUMEDH KAMALAKAR	P						
37.	2020HA0056	/TAMBE SAMIDHA MOHAN							
38.	2020HA0023	/THAKUR AARYA ALANKAR							
39.	2020HA0018	/THAKUR PURVA ATMARAM	P						
40.	2020HA0006	THOMBARE SWARAJ RAJENDRA	P						
41.	2020HA0070	TULANKAR DEVANSHU ASHOK							
42.	2020HA0052	/VARMA POOJA ASHOKKUMAR	P						
43.	2020HA0017	/WADE SHRAVANI KISHOR	P						
44.	2020HA0042	/WALANJ AVANTIKA MILIND							
45.	2020HA0096	ZUNJARRAO SAMARTH NARESH							

Faculty Name: \_\_\_\_\_ Signature: \_\_\_\_\_







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**5.1.2 – A.Y. 2020 – 2021**

Capacity building and skills enhancement initiatives taken by the institution include the following:

Notice and reports of the following skills and events as listed

1. COMPUTING SKILLS:	Auto Cad – Basics Architecture Learning Skills
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**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

DATE: 12/06/2021

**NOTICE**

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SESSION ON,

**'COMPUTER SKILLS – AUTOCAD 2020-2021'**

By

**Ar. Priyam Kandpile**

20 June 2020

Timing: 10.00 pm to 12.30pm

Venue: 1<sup>st</sup> Floor Computer Lab

For Information & Convener – Faculty co-ordinator: Ar. Priyam Kandpile



(Principal)



*Ar. Priyam Kandpile*





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**Attendance:**

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**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
ACADEMIC YEAR 2020-21 | ATTENDANCE / PROGRESSIVE MARKS | BATCH 2019  
SECOND YEAR B.ARCH (SEM- III) DIV:A. (Provisional) MONTH: 20/08/20

SUBJECT: Auto Cad Basic SUBJECT CODE :

NO.	ADMISSION NO	STUDENT'S NAME							
1.	2018HA0054	/BELWALKAR SAKSHI SANDEEP (SEM 4 REPAET LEFT ON 7/10/20)							
2.	2019HA0013	/DASGUPTA RAGMONJORI MANAS	P						
3.	2019HA0028	DAVAKHAR ABHAY AMBADAS	P						
4.	2019HA0018	/DODIYA PARIDHI BHARAT	P						
5.	2019HA0026	/HUMBE SHRUTI NAVNATH							
6.	2019HA0011	LAD SIDDHESH PRAMOD	P						
7.	2019HA0010	/KUMARI SWETA (INFORM TO LEAVE)							
8.	2019HA0032	KUMBHAR SHREEPARTH RAJENDRA	P						
9.	2019HA0009	NALAWADE CHINMAY RAJENDRA	P						
10.	2019HA0002	PATIL YASH NIKHIL	P						
11.	2019HA0016	/POTPHODE PRIYAL DINESH	P						
12.	2019HA0006	/SAKHARE SAKSHI NISHANT	P						
13.	2019HA0031	/SANTHAPPAN SNEHA	P						
14.	2019HA0025	/SASE MANSI SADASHIV	P						
15.	2019HA0017	SHAIKH SAHIL JIARUL	P						
16.	2019HA0012	THAKUR PRANAY VIKAS	P						
17.	2019HA0014	SHINDE SHREYASH DATTATRAY	P						
18.	2019HA0033	/RANBHOR UTKARSHAPURUSHOTTAM	P						
19.	2018HA0087	THAKUR ANISH AVINASH (sem 3 repeat)							

Faculty Name: \_\_\_\_\_ Signature: \_\_\_\_\_



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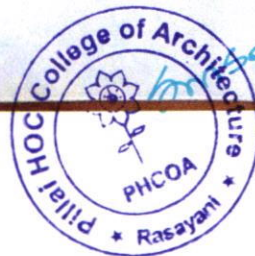
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MAHATMA EDUCATION SOCIETY'S						
<b>PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI</b>						
ACADEMIC YEAR 2020-21   ATTENDANCE / PROGRESSIVE MARKS   BATCH 2019						
SECOND YEAR B.ARCH (SEM- III) DIV:B. (Provisional) MONTH: 20/6/20						
SUBJECT: <i>Auto cad Basic</i>				SUBJECT CODE :		
NO.	ADMISSION NO	STUDENT'S NAME				
1.	2018HA0047	BHOIR SURAJ SANTOSH				
2.	2019HA0003	/DESHMUKH RUCHIRA PRAVIN	P			
3.	2019HA0029	/DHURI POOJA LAXMAN	P			
4.	2019HA0020	INGALE JAYESH KISHOR				
5.	2019HA0030	/KARPE NIKITA DHARMARAJ	P			
6.	2019HA0019	/MHATRE PIYUSA UMESH	P			
7.	2019HA0022	/MHATRE MAYURI NINAD				
8.	2019HA0021	/PANDARE DARSHANA NARENDRA	P			
9.	2018HA0057	PATIL BHAIRAVI BHARAT	P			
10.	2019HA0001	/PATIL GAYATRI RAJU				
11.	2019HA0015	/ SARANYA PRAKASH A	P			
12.	2019HA0008	SABLE PRITAM DATTATRAY	P			
13.	2019HA0004	SAPLE VIRAJ RATNAPRAKASH				
14.	2019HA0027	SARDAL PRAPHULL PRAKASH				
15.	2019HA0005	/SHEWALE RUNALI SURESH	P			
16.	2018HA0115	/SHIVANE KISHORI SHIVAJI (LEFT 18/9/20)				
17.	2019HA0024	SHINDE RAJ SATISH				





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**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

mail: phcoadmin@mes.ac.in

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

Inst. Code- AR3427

**5.1.2 – A.Y. 2019 – 2020**

Capacity building and skills enhancement initiatives taken by the institution include the following:

Notice and reports of the following skills and events as listed;

1. COMPUTING SKILLS:	Introduction to sketch up
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*Smsayaji*





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

DATE:14/07/2019

**NOTICE**

ALL STUDENTS ARE HEREBY INFORMED TO ATTEND THE FOLLOWING  
SESSION ON,

**'COMPUTER SKILLS – SKETCHUP 2019-2020'**

By

**Ar. Amit Kadam**

27 July 2019

Timing: 10.00 pm to 12.30 pm

Venue: 1<sup>st</sup> Floor Computer Lab

For Information & Convener – Faculty co-ordinator: Ar. Amit Kadam

*Amit Kadam*  
  
(Principal)

*Amit Kadam*





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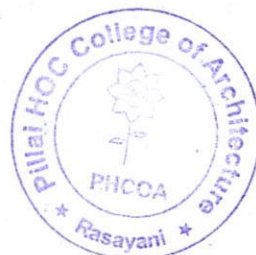
Inst. Code- AR3427

### INTRODUCTION TO SKETCH UP

Academic year: 2019-2020

<b>Organised by</b>	Pillai HOC College of Architecture, Rasayani
<b>Outcomes</b>	<ul style="list-style-type: none"><li>• SketchUp provides a powerful tool for students to visualize their design concepts in a three-dimensional digital environment.</li><li>• It helps them explore and develop their ideas, enabling better communication and presentation of their architectural concepts.</li><li>• Students can create and modify 3D models, test various design alternatives, and evaluate their spatial relationships, proportions, and overall aesthetics.</li><li>• Students learn how to create and manipulate 3D geometries, apply materials and textures, and utilize various modelling tools and techniques.</li></ul>
<b>Name of resource person(s)</b>	Prof. Amit Kadam
<b>Introduction about the resource person</b>	<b>Prof. Amit Kadam</b> Assistant Professor in Pillai HOC College of Architecture. He is also a practicing Architect.
<b>Date and time</b>	27 July 2019 Time: 10.00 pm to 12.30pm
<b>Venue</b>	1 <sup>st</sup> Floor Computer Lab Pillai HOCL Educational Campus
<b>Faculty coordinator</b>	Prof. Amit Kadam
<b>Supporting staff</b>	Prof. Aswathy Rajagopal
<b>No. of students present</b>	20
<b>Program approved by</b>	Prof. Suchita Sayaji, Principal, PHCOA
<b>Brief about the activity/event</b>	The objective of this course is to provide students with a comprehensive introduction to SketchUp, a powerful 3D modelling software widely used in the architectural industry. The course aims to equip students with the necessary skills to create 3D models, visualize designs, and communicate architectural ideas effectively.
<b>Remarks</b>	It was a successful workshop where students learned Sketchup.

  
Prof. Amit Kadam  
(Faculty Coordinator)







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**Attendance:**

MAHATMA EDUCATION SOCIETY'S						
PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI						
ACADEMIC YEAR 2019-20   ATTENDANCE / PROGRESSIVE MARKS   BATCH 2017						
THIRD YEAR B.ARCH (SEM-5)			DIV:A		MONTH: 23/07/19	
SUBJECT: Intro sketch up					SUBJECT CODE:	
NO.	ADMISSION NO	STUDENT'S NAME				
1	2017HA0084	ARANHA JOSHUA				
2	2017HA0069	AWADHIYA HIMANSHU MANOJ	P			
3	2017HA0086	BAGADE CHETAN DEVANAND				
4	2017HA0060	/BHAGAT ALISHA ASHOK				
5	2017HA0012	/CHAUHAN BHAGYASHREE RAMSAJAN				
6	2017HA0068	/GARGOTE ARTI BALU				
7	2017HA0078	/GHARGE VAISHNAVI SANDEEP				
8	2017HA0024	/ GUPTA NIHARIKA PRADEEPKUMAR	P			
9	2017HA0055	GUPTA RAUSHAN RAJESH				
10	2017HA0065	/HARPUDE BHARGAVI RAJENDRA				
11	2017HA0018	/JOSHI NRUPA NITIN				
12	2017HA0067	KADU LALIT BHALCHANDRA				
13	2017HA0020	/KALE HIMANI NARENDRA				
14	2017HA0029	/KAPADI SHALIN HEMANT				
15	2018HA0113	/KEVAT NAMRATA MAHENDRA	P			
16	2017HA0032	/KODGULE KASHMIRI SUHAS				
17	2017HA0050	KUSHWAHA AJAY KISHORILAL				
18	2016HA0079	MEDAGE PRANIT VILAS				
19	2017HA0004	MHATRE SAGAR VIKAS	P			
20	2017HA0010	MHATRE RUTVIK PRASHANT	P			
21	2017HA0071	/MOKAL SAKSHI RAJENDRA				
22	2017HA0036	/MUNDHE RUTUJA SANJAY				
23	2017HA0056	NAMBIAR AKHILESH RAVEENDRAN				
24	2017HA0077	/NAIK YUKTA DATTATRAYA				
25	2017HA0045	/ OSWAL KAVYA PARESH				
26	2017HA0009	PARAB ABHISHEK APPAJI				
27	2017HA0047	PATIL SAHIL NANDKUMAR				
28	2017HA0058	PATIL PRATHMESH SATISH	P			
29	2017HA0035	/PATKAR SHRUTI SUDHIR				
30	2017HA0040	/POKAR HEENAL MAHENDRABHAI				
31	2017HA0063	/RAUT SNEHA RAJENDRA				
32	2017HA0049	/SAWANT NIDHI PRAMOD	P			
33	2017HA0053	/SAWANT SHRAVANI SUBHASH				
34	2017HA0038	/SHETTY SRUJANA UDAY	P			
35	2017HA0052	SHINDE SHAMIK NITIN				
36	2017HA0082	/SHIVALKAR SAMPADA JAYWANT	P			
37	2017HA0080	/SONAWNE GAURAVI DILIP				
38	2017HA0051	SURVE ADVAIT MAHESH				
39	2017HA0001	TELEVANE MANAS MILIND				
40	2017HA0016	/WADEKAR AMRUTA	P			



Am Sayaji





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**PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI**  
ACADEMIC YEAR 2019-20 | ATTENDANCE / PROGRESSIVE MARKS | BATCH 2017  
THIRD YEAR B.ARCH (SEM-5) DIV: B MONTH: 27/07/19

SUBJECT: Intro sketchup SUBJECT CODE :

NO.	ADMISSION NO	STUDENT'S NAME					
1	2017HA0072	/ARABEKAR SAMIKSHA PRAVIN					
2	2017HA0008	/BALCHANDAUNI PURVA	P				
3	2017HA0070	BANE TEJAS RAGHU	P				
4	2017HA0059	/BHISE YASHASVI MANOJ					
5	2017HA0042	DESHMUKH AMEY ASHOK	P				
6	2017HA0007	/GHANGREKAR JULIEE CHANDRAKANT	P				
7	2017HA0011	/GOHIL ADITI	P				
8	2016HA0002	GUPTA SATYAM GHANSHYAM	P				
9	2017HA0074	GURAV ONKAR RAGHUNADAN					
10	2017HA0015	JAIN RUSHABH PRAVIN					
11	2017HA0061	JOSHI YASH JAGDISH	P				
12	2017HA0043	KAMBLI SHUBHAM VINAYAK					
13	2017HA0064	KALE PRATHAMESH MAHADEV	P				
14	2017HA0005	KATEKAR VINEET SANJAY					
15	2017HA0039	/KHANAVKAR MEDHA MOHAN					
16	2017HA0079	/KOYANDE PRACHI DEEPAK					
17	2017HA0013	MALAVI ABHISHEK NITIN					
18	2016HA0030	MHATRE RAJ					
19	2017HA0066	MHATRE SUMEDH DEEPAK					
20	2017HA0014	MHARAV ROHIT MANGESH					
21	2017HA0057	/NAKHAWA UJWALA VASUDEO					
22	2017HA0034	/NAIK RIDDHI KISHOR					
23	2017HA0046	/NAVDHARE SARVAGNEE GEETESH					
24	2017HA0003	P.AKASH					
25	2017HA0030	PATEL ROHIT KARMAN					
26	2017HA0002	PATIL SHARDUL PRASHANT					
27	2017HA0019	PATIL VIVEK DHONDIBA					
28	2017HA0062	PAWAR MANISH NARENDRA					
29	2017HA0083	/RAJPUT GAURI VIJAYSINGH					
30	2017HA0006	SATAM SOHAM UDAY					
31	2017HA0023	SAWANT ROHIT SHRIKRISHNA					
32	2017HA0031	/SHAH KSHIPRA PRASHANT					
33	2017HA0025	/SHINDE SAKSHI SANJAY					
34	2017HA0076	SHINDE TEJAS RAMESH					
35	2016HA0088	/SOLANKI PALAK RAJESH	P				
36	2016HA0021	STANLEY JOHN RAJENDRAKUMAR					
37	2017HA0075	/TATHARE KETKI	P				
38	2017HA0028	VIRKAR SIDDHESH SURYAKANT					
39	2017HA0044	WAZE RHUTWIK RAVINDRA					
40	2016PA0026	JAIN NAYAN RAJESH					

Faculty Name:  
Signature:

*Om Sayaji*

