



MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

Criterion 2

Teaching - Learning and Evaluation

2.6 - Student Performance and Learning Outcomes

2.6.2



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Criterion 2 – Teaching- Learning and Evaluation

Key Indicator – 2.6 Student Performance and learning Outcome

2.6.2 Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Sr No.	Contents (Documents)
	PO Summary A.Y. 2022-23
1	Building Construction & Materials I[SV]
2	Theory of Structures I
3	Architectural Graphics and Drawing I
4	History of Arch & Culture I
5	Communication Skills
6	Workshop I
7	Architectural Design I
8	Building Construction & Materials II[P]
9	Theory of Structures II
10	Architectural Graphics and Drawing II
11	History of Arch & Culture II
12	Fundamentals of Architecture
13	Workshop II
14	Architectural Design II
15	Building Construction & Materials III[SV]
16	Theory of Structures III
17	Computer Aided Drawing and Graphics
18	History of Arch & Culture III
19	Building Services I[SS]
20	Climatology
21	Architectural Design III





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22	Building Construction & Materials IV[SV]
23	Theory of Structures IV
24	History of Arch & Culture IV
25	Building Services II[SS]
26	Site Survey and Analysis
27	Architectural Design IV
28	Building Construction & Materials V
29	Theory of Structures V
30	Landscape Architecture
31	Elective I [Contemporary Architecture]
32	Building Services III[SS]
33	Working Drawing I
34	Architectural Design V[SV]
35	Theory of Structures VI
36	Research In Architecture I
37	Elective II
38	Building Services IV[SS]
39	Working Drawing II
40	Architectural Design VI
41	Building Construction & Materials VI
42	Advanced Building Construction and Services I
43	Urban Studies I
44	Research In Architecture II
45	Elective III
46	Quantity Surveying & Specification Writing I
47	Professional Practice
48	Architectural Design VII
49	Advanced Building Construction & Services II and Services II
50	Urban Studies II
51	Elective IV
52	Elective V
53	Quantity Surveying and Specification Writing II
54	Project Management
55	Architectural Design Project
56	Elective IV





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PO SUMMARY

BUILDING CONSTRUCTION & MATERIAL I

1201903.1	CO 1	To know fundamentals of basic building elements from foundation to roof, their functions and behaviours under various conditions, with specific reference to load bearing construction and materials suitable for the same.
1201903.2	CO 2	To understand principles of designing components of load bearing structures from foundation to roof, their functions and behaviours under various conditions, with specific reference to load bearing construction and materials suitable for the same.
1201903.3	CO 3	To apply knowledge of principles of designing components of load bearing structures, their functions and behaviours under various conditions and suitable materials to design building components from foundation to roof.
1201903.4	CO 4	To analyse and examine suitability of various building materials for construction of load bearing structures with reference to their behaviours under various conditions.
1201903.5	CO 5	To validate and compare various building materials for their applicability in load bearing construction with reference to their behaviours under various conditions.





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CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	3	1	1	3	2
2	3	3	1	3	3	1	3	3
3	3	3	3	3	1	1	3	1
4	1	1	1	3	2	3	1	1
5	1	3	1	1	2	1	2	3
6	1	1	1	1	1	1	1	1

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.0	2.0	0.7	2.0	0.7	0.7	2.0	1.3
	2.0	2.0	0.7	2.0	2.0	0.7	2.0	2.0
	2.0	2.0	2.0	2.0	0.7	0.7	2.0	0.7
	0.7	0.7	0.7	2.0	1.3	2.0	0.7	0.7
	0.7	2.0	0.7	0.7	1.3	0.7	1.3	2.0
	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
PO 1201903 Attainment	1.34	1.56	0.89	1.56	1.12	0.89	1.45	1.23





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Tejaswini Marode	Maximum Marks:	SS- 100	
Name of Subject:	Building construction and materials -I	Class & Div:	FY B ARCH A + B	Weight (in %):	50	
Subject Code:	1201903	Academic Year:	2022-23		1	
University Evaluation						
1. Set Target for A.Y. 2022-23					30	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-21)		AY:2020-21	Mean Marks	60.00	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22	Mean Marks	67.47	
					63.74	
a. Targeted Average Marks for AY. 2022-23(Average Marks for Last two years)					63.74	
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)					71.13	
					71.13	
Is b>a (Yes or No)					Y	
If No:Set and submit action plan for all CO						(Weight * Avg.)
If Yes						
c. No. Students On Roll#					68	3
d. No. Students Appeared					65	
Current Academic Year (CAY) 2019-20	e. No. Students Above Actual Avg Marks (a)				42	
	f. % Above Actual Avg Marks =[(e*100)/d]				64.62	
Average SEE Attainment in %					64.62	
Level of CO Attainment through University Examination			0-30	Attainment Level-1		
			30-60	Attainment Level-2	3	
			Above 60	Attainment Level-3		
g. No. Students Fail					5	
h. No. Students Pass					63	
i. % of Passing (= [(h*100)/d])					96.92	



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PO SUMMARY

THEORY OF STRUCTURE I

Course outcomes for TOS I

1201904 .1	CO 1	Recalling the Applied Mechanics basics concepts and Theory of Structures and their significance	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
1201904 .2	CO 2	Understand & summarize the detailed technics and relate them in numerical	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
1201904.3	CO 3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
1201904 .5	CO 5	Determine the answer by using co2 or by putting various values	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods the way to solve a given problem is.





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Course Outcomes and its Relation to Program Outcomes:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	1	1	1
2	1	3	3	3	1	1	3	1
3	1	1	1	1	1	1	3	3
5	1	3	1	3	3	1	3	1
CO 1201904 TARGET	1.5	2.5	1.5	2	1.5	1	2.5	1.5

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.74	2.74	0.9133	0.9133	0.9133	0.9133	0.9133	0.9133
	0.9133	2.74	2.74	2.74	0.9133	0.9133	2.74	0.9133
	0.9133	0.9133	0.9133	0.9133	0.9133	0.9133	2.74	2.74
	0.9133	2.74	0.9133	2.74	2.74	0.9133	2.74	0.9133
PO 1201904 Attainment	1.37	2.2833	1.37	1.8267	1.37	0.9133	2.2833	1.37





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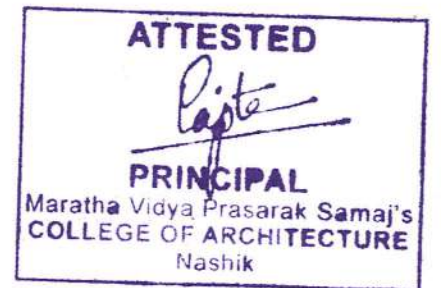
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CIE & SEE TABLE:

1201904		TOS 1							
CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
1201904 .1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	91.36	91.36
1201904 .2	NIL	NIL	NIL	NIL	NIL	NIL	NIL	91.36	91.36
1201904 .3	NIL	NIL	NIL	NIL	NIL	NIL	NIL	91.36	91.36
1201904 .5	NIL	NIL	NIL	NIL	NIL	NIL	NIL	91.36	91.36

Average CO Attainment= 91.3





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SEE

College of Architecture					
CO Attainment University Examination					
Department:	B. Arch.	Name of Teacher:	Er. Anil U. thombare, ER. ASHWINI BHUSARE	Maximum Marks:	100
Name of Subject:	THEORY F STRUCTURES -I	Class & Div:	F.Y.B.ARCH	Weight (in %):	60
Subject Code:	1201904 [THEORY]	Academic Year:	2022-2023		0.6
University Evaluation					
1. Set Target for A.Y. 2022-2023 (2019 PATTERN)					60
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY: (2021-22)(2019PAT)	Mean Marks	70.04	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY: (2020-21)(2019PAT)	Mean Marks	70.04	
				70.04	
a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				70.04	
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				69.45	
				69.45	
Is b>a (Yes or No)				Y	(Weight* Avg.)
If No: Set and submit action plan for all CO					
If Yes					1.8
Current Academic Year (CAY) 2022-23	c. No. Students On Roll#			81	
	d. No. Students Appeared			81	
	e. No. Students Above Actual Avg Marks (a)			74	
	f. % Above Actual Avg Marks = [(e*100)/d]			91.36	
	Average SEE Attainment in %			91.36	
	Level of CO Attainment through University Examination				
	0-30			Attainment Level-1	
	30-60			Attainment Level-2	3
	Above 60			Attainment Level-3	
	g. No. Students Fail			8	
h. No. Students Pass			73		
i. % of Passing (= [(h*100)/d])			90.12		



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PO SUMMARY
ARCHITECTURAL GRAPHICS AND DRAWING - I
Course Outcomes for AGD – I (1201905) SS

CO1(1201905.1)

Students learn to architectural drawing techniques and to the language of graphics

CO2(1201905.2)

The students shall be able to understand graphic language and its components.

CO3(1201905.3)

To produce architectural drawing techniques by applying its vocabulary and grammar such as scale, annotations, labeling and dimensioning.

CO4(1201905.4)

The students will develop their imaginary skills by analyzing simple three dimensional objects and building components through Technical Drawings.

CO5(1201905.5)

Students to express simple three dimensional objects and building components through Technical Drawings, using various graphic projection systems such as orthography, Isometric and Axonometric projections

CO6(1201905.6)

Students shall able to construct conceptual & present Technical drawings in all subjects.

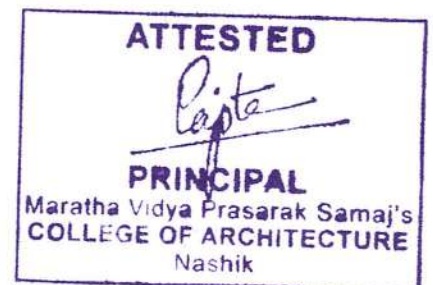




Course Outcomes and its Relation to Program Outcomes:

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	3	3	2	3	2	1	2
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
CO Target	2.50	2.50	2.17	2.17	2.17	2.00	1.67	2.00

CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	2.90	2.90	1.93	2.90	1.93	0.97	1.93
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
PO Attainment	2.42	2.42	2.09	2.09	2.09	1.93	1.61	1.93





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CIE & SEE TABLE:

MVPS's College of Architecture, Nashik

AY : 2022-23	ARCHITECTURAL GRAPHICS AND DRAWING I 1201905 [SS]	First Yr. B-Arch
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Attainment of CIE & SEE

CO Code	Practical	Site Visits	Projects	CIE Attain	SEE	CO Attainment
CO 1	93.10		93.10	93.10	93.1	93.1
CO 2	90.80		90.80	90.80	93.1	92.3
CO 3	90.80		90.80	90.80	93.1	92.3
CO 4	91.95		91.95	91.95	93.1	92.7
CO 6	89.66		89.66	89.66	93.1	91.9
						92.5
						2.77



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SEE:

Attainment of CO : University Examination			
Faculty:	Ar.Ashish Khemnar		Max Marks : 100
	Ar Sachin Waje		Weight (in %) : 66.36
	Ar Radhika Bhattad		Weight : 1.33
	Mr Levant Gavande, Mr Sankalp Bagul		
CAY – m1 (Current Acad. Yr. minus 1)	AY: 2021-22 (2019PAT)	Mean Marks:	48.87
CAY – m1 (Current Acad. Yr. minus 2)	AY: 2020-21 (2019 PAT)	Mean Marks:	56.29
a. Reference Target of Avg. Marks for AY: 2020-21 (Avg. Marks for Last Two Yrs.)			52.58
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2020-21 Result)			68.19
Is b > a (Yes / No)			Yes
If No, Set & Submit Action Plan for all CO			
c. Set Target (Marks) for A.Y. 2022-23 (Threshold Value : TH)			55
d. No. of Students on Roll			87
e. No. of Students Appeared			87
f. No. of Absent Students			0
g. No. of Students Failed			6
h. No. of Students Pass			81
i. No. of Students with Equal to or Above "TH" (c)			53
j. % Above Threshold Marks = $[(i * 100) / e]$			60.92
k. % of Passing = $[(h * 100) / e]$			93.10
Average SEE Attainment in %			93.10
Level of CO Attainment through University Examination	0 – 30	Level - 1	3
	30 – 60	Level - 2	
	Above 60	Level - 3	
SEE Attainment		(Weight * Avg.)	123.57



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PO SUMMARY

History of Architecture and Culture I _ (1201906 (SS))

Course Outcome of HOAC I

1201906 .1	CO1	To gain an integrated knowledge of settlements, landscape, and architecture as a manifestation of culture and geography.
1201906 .2	CO2	The students should be able to understand Developments in architecture through history because of the social, political, and geographical contexts.
1201906 .3	CO3	The student should be able to relate the linkages between architecture and the socio- cultural, political, and economic context of the period.
1201906 .4	CO4	The student should be able to analyze the regional and temporal variations in archetypes and the rationale for the same.
1201906 .5	CO5	The student should be able to determine and decide the style of structure from the spatial, structural, and decorative elements.
1201906 .6	CO6	The student should be able to compile the information together by combining elements in a new pattern





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Course Outcome and its Relation to program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	3	1	1	1
2	3	3	1	1	1	3	3	1
3	1	1	1	3	3	3	1	1
4	3	3	1	1	1	3	1	1
5	1	1	3	3	1	1	1	3
6	1	3	3	1	1	3	1	1
CO 1201906 Target	2.00	2.33	1.67	1.67	1.67	2.33	1.33	1.33

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	1.81	1.81	0.60	0.60	1.81	0.60	0.60	0.60
2	1.81	1.81	0.60	0.60	0.60	1.81	1.81	0.60
3	0.60	0.60	0.60	1.81	1.81	1.81	0.60	0.60
4	1.81	1.81	0.60	0.60	0.60	1.81	0.60	0.60
5	0.60	0.60	1.81	1.81	0.60	0.60	0.60	1.81
6	0.60	1.81	1.81	0.60	0.60	1.81	0.60	0.60
CO 1201906 Target	1.29	1.50	1.07	1.07	1.07	1.50	0.86	0.86





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CIE and SEE Table

1201906 (SS)	History of Architecture & Culture - I								
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
1201906 .1	NIL	57.0	NIL	NIL	NIL	75.0	65.99	47.7	55.0
1201906 .2	NIL	71.5	NIL	NIL	NIL	74.3	72.88	47.7	57.8
1201906 .3	NIL	91.3	NIL	NIL	NIL	43.0	67.14	47.7	55.5
1201906 .4	NIL	35.5	NIL	NIL	NIL	67.8	51.61	47.7	49.2
1201906 .5	NIL	NIL	NIL	NIL	NIL	74.0	74.00	47.7	58.2
1201906 .6	NIL	44.8	NIL	NIL	NIL	NIL	44.77	47.7	46.5

Average CO Attainment = 64.4





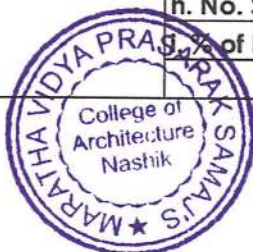
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SEE

MVPS's College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Vinit Bobade, Prof. Tejaswini Patil	Maximum Marks:	SS- 50	
Name of Subject:	History of Architecture 1	Class & Div:	1st Yr B. Arch (Div A&B)	Weight (in %):	50	
Subject Code:	1201906 [SS]	Academic Year:	2022-2023		1	
University Evaluation						
1. Set Target for A.Y. 2022-23					30	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-21)	AY:2020-21(2019 PAT)	Mean Marks	30.31		Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)	AY:2021-22(2019 PAT)	Mean Marks	30.64		2
				30.48		2
a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				30.48		
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				33.50		(Weight* Avg.)
Is b>a (Yes or No)				Y		
If No: Set and submit action plan for all CO						
If Yes						2
Current Academic Year (CAY) 2022-23	c. No. Students On Roll#			86		
	d. No. Students Appeared			86		
	e. No. Students Above Actual Avg Marks (a)			41		
	f. % Above Actual Avg Marks = [(e*100)/d]			47.67		
	Average SEE Attainment in %			47.67		
	Level of CO Attainment through University Examination			0-30	Attainment Level-1	2
				30-60	Attainment Level-2	
			Above 60	Attainment Level-3		
g. No. Students Fail			3			
h. No. Students Pass			78			
i. % of Passing (= [(h*100)/d])			90.70			



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PO Summary

Communication Skills

Course Outcomes – Communication Skills

1201907.1	CO 1	Students will be able to choose from various communication skills for effective communication in architectural education and practice depending upon the need of the project.
1201907.2	CO 2	Students will be able to demonstrate the use of various communication skills for effective communication in architectural education and practice like written, graphical, verbal, non-verbal as well as digital communication.
1201907.3	CO3	Students will experiment with various communication skills for as per need of the project to effectively communicate in architectural education and practice like written, graphical, verbal, non-verbal as well as digital communication.
1201907.4	CO 4	Students will be able to categorise and inspect various communication skills for effective communication in architectural education and practice like written, graphical, verbal, non-verbal as well as digital communication.
1201907.5	CO 5	Students will be able to determine application of various communication skills for effective communication in architectural education and practice like written, graphical, verbal, non-verbal as well as digital communication as per need.
1201907.6	CO 6	The course should prepare the students to adapt and modify their own methods for effective communication in architectural education and practice like written, graphical, verbal, non-verbal as well as digital communication as per need.





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Course outcome and its related program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	2	3	2
CO2	3	3	2	3	3	2	3	3
CO3	2	2	2	2	2	1	1	1
CO4	3	3	3	3	3	2	2	2
CO5	3	3	3	3	3	2	2	1
CO6	3	3	3	3	3	2	2	2
CO4201561 TARGET	2.833	2.833	2.667	2.833	2.833	1.833	2.167	1.833
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.09	2.09	2.09	2.09	2.09	1.393	2.09	1.393
	2.09	2.09	1.393	2.09	2.09	1.393	2.09	2.09
	1.393	1.393	1.393	1.393	1.393	0.697	0.697	0.697
	2.09	2.09	2.09	2.09	2.09	1.393	1.393	1.393
	2.09	2.09	2.09	2.09	2.09	1.393	1.393	0.697
	2.09	2.09	2.09	2.09	2.09	1.393	1.393	1.393
PO 4201561 Attainment	1.974	1.974	1.858	1.974	1.974	1.277	1.509	1.277

CIE and SEE table

1201907 COMMUNICATION SKILLS									
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
1201907.1		88.1	90.6			87.5	88.73	55.3	68.7
1201907.2	92.0	93.2	90.9				92.05	55.3	70.0
1201907.3			92.0				92.05	55.3	70.0
1201907.4	93.2	93.2	93.2				93.18	55.3	70.4
1201907.5	88.6	92.0	93.2			93.2	91.76	55.3	69.9
1201907.6	89.8					89.8	89.77	55.3	69.1

Average CO attainment = 69.7



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SEE

College of Architecture							
CO Attainment University Examination							
Department:	B. Arch.	Name of Teacher:	Purva Shah, Radhika Bhattad, Sharmishtha S, Anurita Sawant	Maximum Marks:	55-50		
Name of Subject:	COMMUNICATION SKILLS	Class & Div:	First Year A & B	Weight (in %):	30		
Subject Code:	1201907	Academic Year:	2022-23		0.3		
University Evaluation							
I. Set Target for A.Y. 2022-23							30
Previous Examination Results	Current Academic Year Minus 1 (CAY m1): (2021-22)	AY:2021-22(2019PAT)	Mean Marks	30.81			Attainment
	Current Academic Year Minus 2 (CAY m2): (2020-21)	AY:2020-21(2015PAT)	Mean Marks	33.63			
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				32.22		(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2020-21)				30.81		
	Is b>a (Yes or No)					Y	
	If No: Set and submit action plan for all CO						
	If Yes						
	c. No. Students On Roll				88		
	d. No. Students Appeared				85		
	e. No. Students Above Actual Avg. Marks (a)				47		
	f. % Above Actual Avg. Marks = [(e*100)/d]				55.29		
	Average SEE Attainment in %					55.29	
Level of CO Attainment through University Examination		Above 50%	Attainment Level-1			1	
		Above 60%	Attainment Level-2				
		Above 70%	Attainment Level-3				
g. No. Students Fail					3		
h. No. Students Pass					85		
i. % of Passing = [(h*100)/d]					100.00		



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PO SUMMARY Workshop- I

Course Outcomes for Workshop

1201908.1	CO1	To learn the techniques of paper cutting, folding, pasting, and finishing skills. Memorizing and defining by practice
1201908.2	CO2	To Understand the geometry of basic shapes & 3D Model making process.
1201908.3	CO3	To express architectural forms by applying various types of techniques and various ideas.
1201908.4	CO4	To develop visualization skills by creating and analysing simple three-dimensional objects and different components technically.
1201908.5	CO5	To compare various methods for creating, moulding, studying and communicating objects, buildings and spaces in order to express architectural design.
1201908.6	CO6	To create set of conceptual and technical models.





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Course Outcomes and its Relation to Program Outcomes:

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	3	3	2	3	2	1	2
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
CO Target	2.50	2.50	2.17	2.17	2.17	2.00	1.67	2.00
CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	2.90	2.90	1.93	2.90	1.93	0.97	1.93
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
PO Attainment	2.42	2.42	2.09	2.09	2.09	1.93	1.61	1.93





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CIE & SEE TABLE:

Average CO Attainment= 42.6

MVPS's College of Architecture, Nashik							
AY : 2022-23	workshop 1201908 [SS]			First Yr. B-Arch			
Attainment of CIE & SEE							
CO Code	Practical	Site Visits	Projects	CIE Attain	SEE	CO Attainment	
CO 1	93.10		93.10	93.10	93.1	93.1	
CO 2	90.80		90.80	90.80	93.1	92.3	
CO 3	90.80		90.80	90.80	93.1	92.3	
CO 4	91.95		91.95	91.95	93.1	92.7	
CO 6	89.66		89.66	89.66	93.1	91.9	
						92.5	2.77





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SEE:

MVPS's College of Architecture, Nashik			
AY : 2022-23	Workshop-I 1201908 [SS]	1st Yr. B-Arch	
Attainment of CO : University Examination			
Faculty:	1) Sankalp G. Ba 2) Levant Gavai	Max Marks:	100
		Weight (in %):	66.36
		Weight:	1.33
CAY - m1 (Current Acad. Yr. minus 1)	AY: 2021-22 (2019PA)	Mean Marks:	48.87
CAY - m1 (Current Acad. Yr. minus 2)	AY: 2020-21 (2019 PA)	Mean Marks:	56.29
a. Reference Target of Avg. Marks for AY: 2020-21 (Avg. Marks for L			52.58
b. Actual Avg. Marks Scored by Students (Evaluated from CAY: 2020-			68.19
Is b > a (Yes/No)			Yes
If No, Set & Submit Action Plan for all CO			
c. Set Target (Marks) for A.Y. 2022-23 (Threshold Value : TH)			55
d. No. of Students on Roll			87
e. No. of Students Appeared			87
f. No. of Absent Students			0
g. No. of Students Failed			6
h. No. of Students Pass			81
i. No. of Students with Equal to or Above "TH" (c)			53
j. % Above Threshold Marks = $[(i * 100) / e]$			60.92
k. % of Passing = $[(h * 100) / e]$			93.10
Average SEE Attainment in %			93.10
Level of CO Attainment through University Examination	0 - 30	Level-1	3
	30 - 60	Level-2	
	Above 60	Level-3	
SEE Attainment		(Weight * Avg.)	123.57



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PO SUMMARY

BUILDING CONSTRUCTION & MATERIAL II

1201910.1	CO 1	To know fundamentals of basic building elements from foundation to roof, their functions and behaviour's under various conditions, with specific reference to load bearing construction and timber construction.
1201910.2	CO 2	To understand principles of designing components of timber structures, their functions and behaviour's under various conditions for load bearing construction.
1201910.3	CO 3	To apply knowledge of principles of designing components of timber structures, their functions and behaviour's under various conditions for load bearing construction.
1201910.4	CO 4	To analyse and co relate various timber components with construction technologies, using timber and timber derivatives.
1201910.5	CO 5	To evaluate applicability of timber construction technologies in designing various timber components.



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CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	2	1	2	3	2
2	3	3	1	1	1	1	3	3
3	3	3	3	1	1	1	3	3
4	3	3	1	1	1	1	1	1
5	3	3	3	1	1	1	3	1
6	3	3	2	1	1	1	3	2

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.99	1.99	0.66	1.33	0.66	1.33	1.99	1.33
	1.99	1.99	0.66	0.66	0.66	0.66	1.99	1.99
	1.99	1.99	1.99	0.66	0.66	0.66	1.99	1.99
	1.99	1.99	0.66	0.66	0.66	0.66	0.66	0.66
	1.99	1.99	1.99	0.66	0.66	0.66	1.99	0.66
	1.99	1.99	1.33	0.66	0.66	0.66	1.99	1.33
PO 1201911 Attainment	1.99	1.99	1.22	0.77	0.66	0.77	1.77	1.33



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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Tejaswini Marode	Maximum Marks:	SS-100	
Name of Subject:	Building construction and materials -II	Class & Div:	FY B ARCH A @ B	Weight (in %):	50	
Subject Code:	1201911	Academic Year:	2022-23		0.5	
University Evaluation						Attainment
1. Set Target for A.Y. 2022-23					50	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22-20)	AY:2021-22(2019PAT)	Mean Marks	118.00		
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2020-21(2019PAT)	Mean Marks	141.00		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)			129.50		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			181.00		(Weight* Avg.)
Is b>a (Yes or No)			N			
If No: Set and submit action plan for all CO						
If Yes						3
	c. No. Students On Roll#			86		
	d. No. Students Appeared			83		
	e. No. Students Above ActualAvg Marks (a)			52		
	f. % Above Actual Avg Marks = $[(e*100)/d]$			62.65		
	Average SEE Attainment in %			62.65		
Level of CO Attainment through University Examination	0-30	Attainment Level-1		3		
	30-60	Attainment Level-2				
	Above 60	Attainment Level-3				
	g. No. Students Fail			14		
	h. No. Students Pass			76		
	i. % of Passing (= $[(h*100)/d]$)			91.57		



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PO SUMMARY

THEORY OF STRUCTURE II

Course outcomes for TOS II

1201912 .1	CO 1	Recalling the Applied Mechanics basics concepts and Theory of Structures and their significance	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
1201912 .2	CO 2	Understand & summarize the detailed technics and relate them in numerical	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
1201912.3	CO 3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
1201912 .5	CO 5	Determine the answer by using co2 or by putting various values	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods the way to solve a given problem is.





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Course Outcomes and its Relation to Program Outcomes:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	1	1	1
2	1	3	3	3	1	1	3	1
3	1	1	1	1	1	1	3	3
5	1	1	1	3	3	1	3	1
CO 1201912 TARGET	1.5	2	1.5	2	1.5	1	2.5	1.5

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.82	1.82	0.606	0.606	0.60	0.60	0.60	0.60
	0.606	1.82	1.82	1.82	0.60	0.60	1.82	0.60
	0.606	0.606	0.606	0.606	0.60	0.60	1.82	1.82
	0.606	0.606	0.60	1.82	1.82	0.60	1.82	0.60
PO 1201912 Attainment	0.91	1.21	0.91	1.21	0.91	0.60	1.51	0.91

CIE & SEE TABLE:





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120912	THEORY OF STRUCTURES-2								
CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
1201912.1								60.2	60.2
1201912 .2								60.2	60.2
1201912.3								60.2	60.2
1201912 .5								60.2	60.2
									60.2

Average CO Attainment= 60.2

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CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Er. ANIL THOMBARE	Maximum Marks:	100	
Name of Subject:	TOS-2	Class & Div:	FYBARCH	Weight (in %):	33	
Subject Code:	1201912	Academic Year:	2022-23		0.66	
University Evaluation						
1. Set Target for A.Y. 2022-23 (2019 PATTERN)					50	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:(2021-22)(2019PAT)	Mean Marks	35.83	Attainment	
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:(2020-21)(2019PAT)	Mean Marks	60.67		
				48.25		
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			50.00		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			50.51		
				60.94		
	Is b>a (Yes or No)			y		
	If No:Set and submit action plan for all CO				(Weight* Avg.)	
	If Yes				1.32	
	c. No. Students On Roll#			86		
	d. No. Students Appeared			83		
	e. No. Students Above Actual Avg Marks (a)			50		
	f. % Above Actual Avg Marks =[(e*100)/d]			60.24		
	Average SEE Attainment in %			60.24		
	Level of CO Attainment through University Examination		0-30	Attainment Level-1		
			30-60	Attainment Level-2	2	
		Above 60	Attainment Level-3			
g. No. Students Fail			36			
h. No. Students Pass			50			
i. % of Passing (= [(h*100)/d])			60.24			



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PO SUMMARY
ARCHITECTURAL GRAPHICS AND DRAWING - II
Course Outcomes for AGD – II (1201913) SS

AGD – II (1201913) SS

CO1 (1201913.1)

Students learn to develop previous technical drafting skills with simple three dimensional objects and building components through Technical Drawings.

CO2 (1201913.2)

The students shall be able to understand principles of perspective drawings & principles of sociography by technical methods.

CO3 (1201913.3)

To produce architectural objects by applying method of exterior and interior perspective drawings & sociography drawings.

CO4 (1201913.4)

The students will develop their imaginary skills by analysing different drafting tools & technique.

CO5 (1201913.5)

Student should acquire graphic skills to present a building, analyse its elements and explain the composition.

CO6(1201913.6)

Students shall able to construct conceptual & presentation drawings in all subjects.





Course Outcomes and its Relation to Program Outcomes:

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	3	3	2	3	2	1	2
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
CO Target	2.50	2.50	2.17	2.17	2.17	2.00	1.67	2.00

CO 1	3	3	3	3	2	3	3	3
CO 2	3	3	3	3	3	3	2	3
CO 3	3	2.90	2.90	1.93	2.90	1.93	0.97	1.93
CO 4	3	3	3	2	3	2	2	2
CO 5	0	0	0	0	0	0	0	0
CO 6	3	3	1	3	2	2	2	2
PO Attainment	2.42	2.42	2.09	2.09	2.09	1.93	1.61	1.93



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MVPS's College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Geetanjali Patil	Maximum Marks:	70+30=100	5
Name of Subject:	Building Services I[SS]	Class & Div:	Second Year A & B	Weight (in %):	55	
Subject Code:	2201924[SS]	Academic Year:	2022-23		0.55	
University Evaluation						
1. Set Target for A.Y. 2021-22					55	
					SS	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2021-22(2019PAT)	Mean Marks	36.50	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)		AY:2020-21(2019PAT)	Mean Marks	31.73	
					34.12	
Current Academic Year (CAY) 2021-22	a. Targeted Average Marks for AY. 2022-23(Average Marks for Last two years)				34.12	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				46.72	
	Is b>a (Yes or No)				Y	
	If No:Set and submit action plan for all CO					
	If Yes				1.65	
	c. No. Students On Roll#				71	
	d. No. Students Appeared				71	
e. No. Students Above Actual Avg Marks (a)				54		
f. % Above Actual Avg Marks				76.0		



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$=(e*100)/d$			6	
Average SEE Attainment in %			76.06	
Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	3	
	Above 60%-	Attainment Level-2		
	Above 70%-	Attainment Level-3		
g. No. Students Fail			3	
h. No. Students Pass			68	
i. % of Passing ($=(h*100)/d$)			95.7	
			7	





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PO Summary Climatology

Course outcomes for Climatology

2201925.1	CO1	The students should be able to relate climate and architecture, and recognize the various climatic zones in India with respective traditional climate responsive architecture.
2201925.2	CO2	The students should be able to understand climate as a determinant of architectural design and various climate responsive building design criteria.
2201925.3	CO3	The students should be able to apply climate responsive building design for various climates and microclimatic site conditions.
2201925.4	CO4	The students should be able to examine, correlate and illustrate the different climate responsive design strategies applicable for site microclimate and climatic zones in India.
2201925.5	CO5	The students should be able to compare and justify applicability of various climate responsive building design strategies in architectural design to achieve thermal comfort
2201925.6	CO6	The students should be able to propose climate responsive design solutions to integrate with their architectural design projects.





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Course outcome and its relation to program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	0	3	2	3	2	2
2	3	3	2	3	2	3	3	3
3	3	3	3	3	3	3	3	3
4	3	3	2	3	3	3	3	3
5	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3
CO 2201925 TARGET	3	3	2.2	3	2.7	3	2.8	2.8

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	1.83	1.83	0	1.83	1.22	1.83	1.22	1.22
	1.83	1.83	1.22	1.83	1.22	1.83	1.83	1.83
	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
	1.83	1.83	1.22	1.83	1.83	1.83	1.83	1.83
	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
PO 2201925 Attainment	1.83	1.83	1.32	1.83	1.63	1.83	1.73	1.73





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CIE and SEE table

CO Code	CLIMATOLOGY							CIE Attain	SEE	CO Attainment
	Practical	Assignment (Written)	Assign ment (Grap hical)	Visit	Training	Project				
2201925.1	NIL	68.0	NIL	NIL	NIL	NIL	67.98	55.7	60.6	
2201925.2	NIL	60.4	68.4	NIL	NIL	NIL	64.41	55.7	59.2	
2201925.3	NIL	65.5	69.0	NIL	NIL	NIL	67.24	55.7	60.3	
2201925.4	NIL	72.4	70.5	NIL	NIL	NIL	71.46	55.7	62.0	
2201925.5	NIL	NIL	69.0	NIL	NIL	NIL	68.97	55.7	61.0	
2201925.6	NIL	NIL	74.7	NIL	NIL	NIL	74.71	55.7	63.3	

Average CO attainment : 61.1



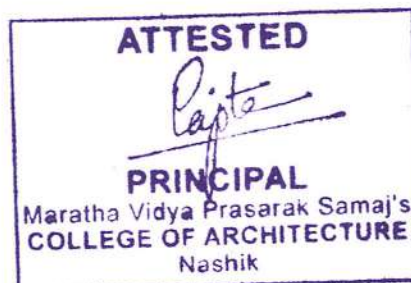


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SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Ketaki Manolkar, Prof. Ankita Pathare, Prof. Isha Rane	Maximum Marks:	50	
Name of Subject:	CLIMATOLOGY	Class & Div:		Weight (in %):	60	
Subject Code:	2201925 [SS]	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2022-23					50	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2022-23(2019PAT)	Mean Marks	29.50		Attainment
	Current Academic Year Minus 2 (CAYm1): (2020-21)	AY:2020-21(2019PAT)	Mean Marks	33.40		
	Current Academic Year Minus 3 (CAYm2): (2019-20)	AY:2019-20(2019PAT)	Mean Marks	31.45		
				31.45		
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				31.45	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				34.30	
					34.30	
	Is b>a (Yes or No)				yes	
	If No:Set and submit action plan for all CO					(Weight * Avg.)
	If Yes					
	c. No. Students On Roll#				70	
	d. No. Students Appeared				70	
	e. No. Students Above Actual Avg Marks (a)				39	
	f. % Above Actual Avg Marks =[(e*100)/d]				55.71	
Average SEE Attainment in %				55.71		





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Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	3
	Above 60%-	Attainment Level-2	
	Above 70%-	Attainment Level-3	
	g. No. Students Fail		1
h. No. Students Pass		69	
i. % of Passing (= [(h*100)/d])		98.57	



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PO SUMMARY

ARCHITECTURAL DESIGN III

COURSE OUTCOME ARCHITECTURAL DESIGN III

2201926.1	CO 1	Students will be able to choose from design iteration process at various scales/ levels.
2201926.2	CO 2	Students will be able to comprehend relationship between design, visual arts, building construction, climatology, building materials, structure etc. and evolve a design solution.
2201926.3	CO 3	Students will be able to select and experiment with aesthetical, functional (activity, user, space relation) , technical (construction and material) and environmental (climatic, socio-geographic) aspects of architectural design.
2201926.4	CO 4	Students will be able to classify and re-interpret various sources for inspiration for architectural design such as nature, history, geometry, culture etc.
2201926.5	CO 5	Students will be able to appraise multi-functional, multi-cellular built environments from various case studies to determine generators for their own design
2201926.6	CO 6	The course should prepare the students to develop their own suitable design language for architectural design of multi-functional, multi-cellular built environments.





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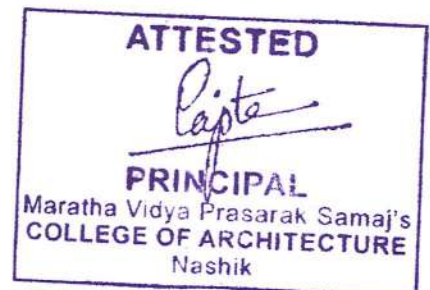
Course outcome and its relation to program outcome :

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3
3	3	3	3	3	2	3	3	3
4	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3
CO 3201542 TARGET	3	3	3	3	2.8	3	3	3

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
	2.03	2.03	2.03	2.03	1.35	2.03	2.03	2.03
	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
PO 3201542 Attainment	2	2	2	2	1.89	2	2	2

2201926	Architectural Design III					
CO Code	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
2201926.1	88.7	63.4	64.8	72.30	65.7	68.3
2201926.2	83.1	67.6	67.6	72.77	65.7	68.5
2201926.3	81.7	64.8	62.0	69.48	65.7	67.2
2201926.4	80.3	53.5	54.9	62.91	65.7	64.6
2201926.5	88.7	59.2	60.6	69.48	65.7	67.2
2201926.6	94.4		56.3	75.35	65.7	69.6

Average CO Attainment = 67.6





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Ar. Gaurav Arbooj	Maximum Marks:	SV- 250	
Name of Subject:	Architectural Design III	Class & Div:	S.Y.B.Arch	Weight (in %):	60	
Subject Code:	2201917	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2022-23					60	
				SV		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22(2019PAT)	Mean Marks	143.00	Attainment	
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2019-20(2019PAT)	Mean Marks	167.00		
				155.00		
a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)				155.00		
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				156.00	(Weight* Avg.) 1.2	
Is b>a (Yes or No)				Y		
If No:Set and submit action plan for all CO						
If Yes						
Current Academic Year (CAY) 2023-24	c. No. Students On Roll#			71		
	d. No. Students Appeared			70		
	e. No. Students Above Actual Avg Marks (a)			46		
	f. % Above Actual Avg Marks =[(e*100)/d]			65.71		
	Average SEE Attainment in %			65.71		
	Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1	2	
			Above 60%-	Attainment Level-2		
		Above 70%-	Attainment Level-3			
g. No. Students Fail			19			
h. No. Students Pass			51			
i. % of Passing (= [(h*100)/d])			72.86			



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CIE and SEE table

2201927 & 2201928 Subject Name : Building Construction and Materials IV						
CO Code	Written assignment	Drawing assignment	Site visit and Market survey	CIE Attain	SEE	CO Attainment
2201928 .1 2201927.1	--	84.5	--	84.51	54.3	66.4
2201928 .1 2201927.1	87.3	85.9	--	86.62	54.3	67.2
2201928 .1 2201927.1	87.3	76.1	87.3	83.57	54.3	66.0
2201928 .1 2201927.1	--	--	0.0	0.00	54.3	32.6
2201928 .1 2201927.1	0.0	0.0	0.0	0.00	54.3	32.6
2201928 .1 2201927.1	0.0	0.0	0.0	0.00	54.3	32.6

Average CO Attainment : 49.6





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	MANISHA RAJOLE	Maximum Marks:	Theory-100	
Name of Subject:	Building Construction and Materials IV	Class & Div:	Second Year A & B	Weight (in %):	60	
Subject Code:	2201927 & 2201928	Academic Year:	2022-2023		0.6	
University Evaluation						Attainment
1. Set Target for A.Y. 2022-23					60	
					P	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2019-20)		AY:2021-2022	Mean Marks	68.00	
	Current Academic Year Minus 2 (CAYm2): (2018-2019)		AY:2022-2023	Mean Marks	53.00	
Current Academic Year (CAY) 2019-20	a. Targeted Average Marks for AY. 2022-23(Average Marks for Last two years)				60.50	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				53.00	(Weight* Avg.)
	Is b>a (Yes or No)				N	
	If No:Set and submit action plan for all CO					
	If Yes					0.6
	c. No. Students On Roll#				70	
	d. No. Students Appeared				70	
	e. No. Students Above Actual Avg Marks (a)				38	
	f. % Above Actual Avg Marks $=[(e*100)/d]$				54.29	
	Average SEE Attainment in %				54.29	
Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1	1		
		Above 60%-	Attainment Level-2			





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	Above 70%-	Attainment Level-3		
g. No. Students Fail			4	
h. No. Students Pass			66	
i. % of Passing (= $[(h*100)/d]$)			94.29	





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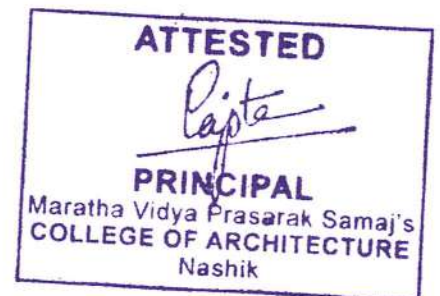
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PO SUMMARY

THEORY OF STRUCTURE IV

Course outcomes for TOS IV

2201929 .1	CO 1	Recalling the Applied Mechanics basics concepts and Theory of Structures and their significance	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
2201929 .2	CO 2	Understand & summarize the detailed technics and relate them in numerical	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
2201929 .3	CO 3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
2201929 .5	CO 5	Determine the answer by using co2 or by putting various values	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods the way to solve a given problem is.





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Course Outcomes and its Relation to Program Outcomes:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	1	1	1
2	1	3	3	3	1	1	3	1
3	1	1	1	1	1	1	3	3
5	1	1	1	3	3	1	3	1
CO 2201929 TARGET	1.5	2	1.5	2	1.5	1	2.5	1.5

(CIE+SEE Avg Attainment)* Map Value of CO-PO / 3								
	1.79	1.79	0.5966	0.596	0.596	0.596	0.596	0.596
	0.596	1.79	1.79	1.79	0.596	0.596	1.79	0.596
	0.596	0.596	0.596	0.596	0.596	0.596	1.79	1.79
	0.596	0.596	0.59	1.79	1.79	0.596	1.79	0.596
PO2201929 Attainment	0.895	1.19	0.895	1.19	0.895	0.596	1.49	0.895



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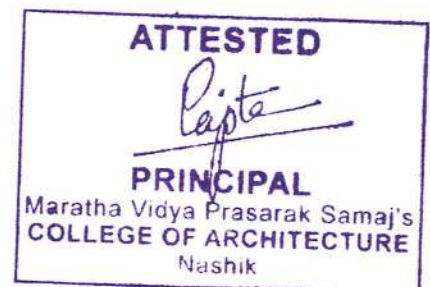
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CIE & SEE TABLE:

2201929		THEORY OF STRUCTURES-4							
CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
2201929 .1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	40.00	40.00
2201929 .2	NIL	NIL	NIL	NIL	NIL	NIL	NIL	40.00	40.00
2201929 .3	NIL	NIL	NIL	NIL	NIL	NIL	NIL	40.00	40.00
2201929 .5	NIL	NIL	NIL	NIL	NIL	NIL	NIL	40.00	40.00
									40.0

Average CO Attainment= 40.0





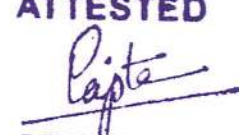
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College of Architecture					
CO Attainment University Examination					
Department:	B. Arch.	Name of Teacher:	ER.ANIL THOMBARE , ER. ASHWINI BHUSARE	Maximum Marks:	100
Name of Subject:	TOS-4	Class & Div:	S.Y.BARCH	Weight (in %):	33
Subject Code:	2201929	Academic Year:	2022-2023		0.66
University Evaluation					
1. Set Target for A.Y. 2022-2023					50
				TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:(2021-22)(2019PAT)	Mean Marks	60.21	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:(2020-21)(2019PAT)	Mean Marks	61.29	
				60.75	
a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				60.75	
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				44.44	
				44.44	
Is b>a (Yes or No)				no	(Weight* Avg.)
If No:Set and submit action plan for all CO					
If Yes					
Current Academic Year (CAY) 2022-23	c. No. Students On Roll#			70	1.32
	d. No. Students Appeared			70	
	e. No. Students Above Actual Avg Marks (a)			28	
	f. % Above Actual Avg Marks = [(e*100)/d]			40.00	
	Average SEE Attainment in %			40.00	
	Level of CO Attainment through University Examination				
	0-30			Attainment Level-1	
	30-60			Attainment Level-2	
	Above 60			Attainment Level-3	
	g. No. Students Fail			23	
h. No. Students Pass			47		
i. % of Passing (= [(h*100)/d])			67.14		



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HISTORY OF ARCHITECTURE AND CULTURE IV 2201931 (SS)

Course Outcomes

2201931.1	CO1	A sound knowledge base of the processes and events that shaped the architecture of the present.
2201931.2	CO2	The students should be able to understand about different architectural elements of different time period's construction style and construction techniques
2201931.3	CO3	Remembering the basic concept of spatial organisation of a church and how these are similar or different from the basic characteristics of the church
2201931.4	CO4	The student should be able to analyse of the contributing factors and an overview of the issues facing the contemporary world.
2201931.5	CO5	The student should be able to compare the different design pattern and philosophy of architect in these periods .

Course Outcome and its Relation to Program Outcome.

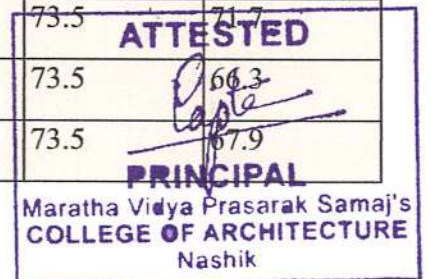
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	2	2	1
2	3	3	1	1	1	1	3	1
3	1	3	1	1	1	1	1	1
4	3	3	1	1	2	3	3	1
5	3	3	1	1	3	1	3	1
			1	1		1	1	1

PO Attainment

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.1	2.1	0.7	0.7	0.7	1.4	1.4	0.7
	2.1	2.1	0.7	0.7	0.7	0.7	2.1	0.7
	0.7	2.1	0.7	0.7	0.7	0.7	0.7	0.7
	2.1	2.1	0.7	0.7	1.4	2.1	2.1	0.7
	2.1	2.1	0.7	0.7	2.1	0.7	2.1	0.7
PO 3201542 Attainment	1.79	2.07	0.69	0.69	1.10	1.10	1.66	0.69

CIE and SEE TABLE

2201922(SS)	HISTORY OF ARCHITECTURE AND CULTURE III					
CO Code	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
2201922 .1	73.8			73.81	73.5	73.6
2201922 .2	57.1			57.14	73.5	67.0
2201922 .3			69.0	69.05	73.5	71.7
2201922 .4	57.1	53.6		55.36	73.5	66.3
2201922 .5	55.6	69.0	53.6	59.39	73.5	67.9





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SEE

College of Architecture					
CO Attainment University Examination					
Department	B. Arch.	Name of Teacher	Ar.Megha Butte	Maximum Mark	SS- 50
Name of Subject	HISTORY OF ARCHITECTURE AND CULTURE IV	Class & Div	SY B ARCH A & B	Weight (in %)	50
Subject Code	2201931 (SS)	Academic Year	2022-23		1
University Evaluation					
1. Set Target for A.Y. 2022-23				30	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1)	AY:2021-22	Mean Marks	38.00	Attainment
	Current Academic Year Minus 2 (CAYm2)	AY:2020-21	Mean Marks	35.99	
				37.00	
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			37.00	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2020-21)			37.23	
	Is b>a (Yes or No)			Y	
	If No: Set and submit action plan for all CO				(Weight* Avg.)
	If Yes				3
	c. No. Students On Roll#			70	
	d. No. Students Appeared			68	
	e. No. Students Above Actual Avg Marks (a)			50	
	f. % Above Actual Avg Marks = $[(e*100)/d]$			73.53	
	Average SEE Attainment in %			73.53	
Level of CO Attainment through University Examination		0-30	Attainment Level-1	3	
		30-60	Attainment Level-2		
		Above 60	Attainment Level-3		
g. No. Students Fail				3	ATTESTED <i>Pista</i> PRINCIPAL Maratha Vidya Prasarak Samaj's COLLEGE OF ARCHITECTURE Nashik
h. No. Students Pass				65	
i. % of Passing = $[(h*100)/d]$				95.59	





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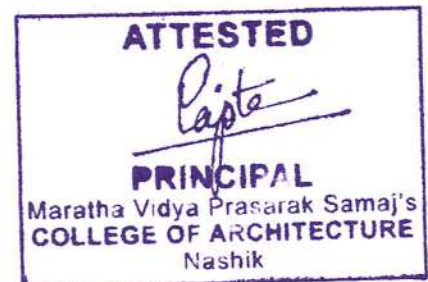
BM IV ,2022-2023

Course Outcome

2201927 &2201928	CO1	Students will be able to choose, define, list and relate various building techniques, glass and plastic as a building materials used in Building construction
2201927 &2201928	CO2	Students will be able to Understand, classify, compare , interpret structural systems of RCC , earthquake features ,precast concept , ferrocement ,lifts and escalators used in Construction .
2201927 &2201928	CO3	Students will be able to Apply the Knowledge of materials application in Building Construction
2201927 &2201928	CO4	Students will be able to Analyze , categorize glass , plastics , concrete and various techniques , elements in construction

Course Outcome and Its relation to Program Outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	1	3	1	1	1	1
CO2	3	3	1	3	3	1	3	1
CO3	3	3	1	2	2	1	1	1
CO4	3	3	1	3	3	1	3	1
CO5	1	1	1	3	3	1	3	1
CO6	1	1	1	1	3	1	1	1
CO2201928TARGET	2.3333333333	2	1	2.5	2.5	1	2	1





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(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.48	0.49	0.49	1.48	0.49	0.49	0.49	0.49
	1.48	1.48	0.49	1.48	1.48	0.49	1.48	0.49
	1.48	1.48	0.49	0.99	0.99	0.49	0.49	0.49
	1.48	1.48	0.49	1.48	1.48	0.49	1.48	0.49
	0.49	0.49	0.49	1.48	1.48	0.49	1.48	0.49
	0.49	0.49	0.49	0.49	1.48	0.49	0.49	0.49
PO2201927&2201928	1.15	0.99	0.49	1.23	1.23	0.49	0.99	0.49





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PO SUMMARY

Building Services II

CO No.	Course Outcome
2201933.1	To relate and define the basics of building services- waste disposal, rainwater harvesting, lighting and electrification, alternative energy sources
2201933.2	To understand and classify the working of the systems of waste disposal, lighting and electrification
2201933.3	The course intends to identify and integrate the Building Services in low, medium and high rise buildings.
2201933.4	The course intends to co relate and survey the different options available in the market for waste disposal, rainwater harvesting ,lighting and electrification, alternative energy sources and existing examples of built structures.
2201933.5	The course should enable to decide the appropriate method for integration of building services in architectural design.
2201933.6	The course should train the students to design and adapt the building services for efficient architectural design proposal.





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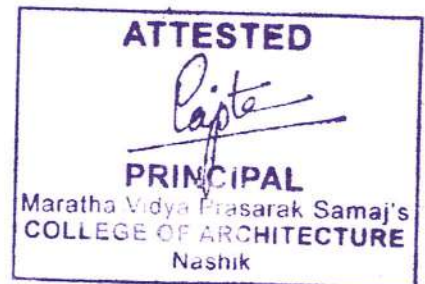
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Course outcome and its Relation to Program Outcome

2201933	Building services II							
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	1	3	1	2	1	1
CO2	1	3	1	2	2	1	1	1
CO3	1	3	1	1	1	2	1	1
CO4	1	1	1	1	1	1	1	2
CO5	3	3	1	3	3	1	1	1
CO6	1	1	1	1	1	1	1	2
CO2201933 TARGET	1.7	2.0	1.0	1.8	1.5	1.3	1.0	1.3

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2	1	1	2	1	1	1	1
	1	2	1	1	1	1	1	1
	1	2	1	1	1	1	1	1
	1	1	1	1	1	1	1	1
	2	2	1	2	2	1	1	1
	1	1	1	1	1	1	1	1
PO 2201933 Attainment	1.1	1.3	0.7	1.2	1.0	0.9	0.7	0.9





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Summary of CIE & SEE Record

2201933							
CO Code	Assignment (Written)	Assignment (Graphic al)	Site Visit	Market Survey	CIE Attain	SEE	CO Attainment
2201933.1	66.5		78.9	97.2	80.87	76.1	78.0
2201933.2	61.6	57.0	78.9	77.5	68.75	76.1	73.1
2201933.3	53.5	65.5	78.9	94.37	73.06	76.1	74.9
2201933.4	80.3	59.6		94.4	78.09	76.1	76.9
2201933.5		67.6	78.9	94.4	80.28	76.1	77.7
2201933.6		46.5			46.48	76.1	64.2

Average CO Attainment : 74.1





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Geetanjali Patil	Maximum Marks:	+30= 1	
Name of Subject:	Building Services II[SS]	Class & Div:	Second Year A & B	Weight (in %):	55	
Subject Code:	2201933[SS]	Academic Year:	2022-23		0.55	
University Evaluation						
1. Set Target for A.Y. 2021-22					55	
				SS		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-21)	AY:2019-20(2015PAT)	Mean Marks	36.20		Attainment
	Current Academic Year Minus 2 (CAYm2): (2019-20)	AY:2018-19(2015PAT)	Mean Marks	29.15		
Current Academic Year (CAY) 2021-22				32.68		
	a. Targeted Average Marks for AY. 2020-21(Average Marks for Last two years)				32.68	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2021-22)				28.95	
	Is b>a (Yes or No)				N	(Weight* Avg.)
	If No:Set and submit action plan for all CO					
	If Yes					0.55
	c. No. Students On Roll#				71	
d. No. Students Appeared				71		
e. No. Students Above Actual Avg Marks (a)				54		



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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Geetanjali Patil	Maximum Marks:	+30= 1	
f. % Above Actual Avg Marks = $[(e*100)/d]$				76.0		
Average SEE Attainment in %				6		
Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1	1		
		Above 60%-	Attainment Level-2			
		Above 70%-	Attainment Level-3			
g. No. Students Fail				10		
h. No. Students Pass				72		
i. % of Passing (= $[(h*100)/d]$)				101.41		





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PO SUMMARY

SITE SURVEY AND ANALYSIS

Course Outcome (CO)		
Course Outcome	CO Statement	Bloom's Taxonomy Level
2201934 .1	Understanding the use of Surveying & Levelling in Architectural profession	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
2201934.2	Understand & summarize the detailed technics of Surveying Instruments & latest modern gadgets available for precise work in the field	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
2201934.3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
2201934.4	Analyse the knowledge of students and suggest them to apply in their different subjects.	4. Analyzing: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing and attributing.
2201934.5	For evaluation of land survey students should be know before the execution in different subjects.	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods is the way to solve a given problem





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Course Outcomes and its relation to Program Outcomes

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	0	0	0	0	0	0	0
CO 2	0	3	0	0	0	0	0	0
CO 3	3	0	0	0	0	0	0	0
CO 4	0	3	0	0	0	0	0	0
CO 5	0	0	0	3	0	0	0	0
CO 6	0	0	0	0	3	0	0	0
CO Target	1.00	1.00	0.00	0.50	0.50	0.00	0.00	0.00

CO 1	2.9	0	0	0	0	0	0	0
CO 2	0	2.9	0	0	0	0	0	0
CO 3	2.9	0	0	0	0	0	0	0
CO 4	0	2.9	0	0	0	0	0	0
CO 5	0	0	0	2.9	0	0	0	0
CO 6	0	0	0	0	2.9	0	0	0
PO Attainment	0.97	0.97	0.00	0.48	0.48	0.00	0.00	0.00





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CIE & SEE TABLE:

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AY : 2020-21	Surveying & Levelling 2201934 (SS)			2 nd Yr. B-Arch		
Attainment of CIE & SEE						
CO Code	Assignments	Site Visits	Projects	CIE Attain	SEE	CO Attainment
CO 1	78.38			78.38	100.0	92.4
CO 2	93.24			93.24	100.0	97.6
CO 3			93.24	93.24	100.0	97.6
CO 4			93.24	93.24	100.0	97.6
CO 5			93.24	93.24	100.0	97.6
CO 6			93.24	93.24	100.0	97.6
						96.8

Average CO Attainment= 96.8





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MVPS's College of Architecture, Nashik			
AY : 2022-23	Site Survey and Analysis 2201934 (SS)	2 nd Yr. B-Arch	
Attainment of CO : University Examination			
Faculty:	1) Ashwini Bhusare	Max Marks :	50
	2) Anil Thombre	Weight (in %) :	33.3
		Weight :	0.67
CAY – m1 (Current Acad. Yr. minus 1)	AY: 2021-22 (2019 PAT)	Mean Marks:	65.60
CAY – m1 (Current Acad. Yr. minus 2)	AY: 2020-21 (2019 PAT)	Mean Marks:	66.60
a. Reference Target of Avg. Marks for AY: 2020-21 (Avg. Marks for Last Two Yrs.)			66.10
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2020-21 Result)			67.00
Is b > a (Yes/No)			Yes
If No, Set & Submit Action Plan for all CO			
c. Set Target (Marks) for A.Y. 2021-22 (Threshold Value : TH)			30
d. No. of Students on Roll			70
e. No. of Students Appeared			69
f. No. of Absent Students			1
g. No. of Students Failed			0
h. No. of Students Pass			69
i. No. of Students with Equal to or Above "TH" (c)			63
j. % Above Threshold Marks = $[(i * 100) / e]$			91.30
k. % of Passing = $[(h * 100) / e]$			100.00
Average SEE Attainment in %			100.00
Level of CO Attainment through University Examination	0 – 30	Level - 1	2
	30 – 60	Level - 2	
	Above 60	Level - 3	
SEE Attainment		(Weight * Avg.)	66.60





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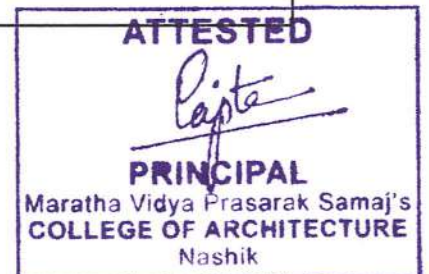
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PO SUMMARY

ARCHITECTURAL DESIGN IV

Course Outcome of Architectural Design IV

3201935.1	CO1	Students will be able to define the role of Campus planning for designing buildings with different functions, requiring spaces of different scales and employing suitable structural systems. Also students are expected to list down the building services to sustain campus by itself.
3201935.2	CO2	Students will understand various socio-cultural patterns, geographic context and identify the needs of the users and the site to evolve a sustainable design
3201935.3	CO3	Students will be able to apply their knowledge in sustainable site planning and designing based on various factors for achieving functional (activity, user, space relation), aesthetic, Technical (construction and material), environmental (climatic, socio-geographic) and Cultural goals which shall be integrated in built and inbuilt spaces.
3201935.4	CO4	Students will be able to analysis and synthesis of various design parameters in built-unbuilt spatial relationship; also classify and re-interpret various sources for inspiration for architectural design such as nature, history, geometry, culture Topography, context, philosophy, existing vegetation etc.
3201935.5	CO5	Students will be able to appraise multi-functional, multi-cellular built environments from various case studies to determine generators for their own design
3201935.6	CO6	The course will guide students to, formulate and develop design proposal for pilot projects culminating into an idea, concept generation and visualization that encourages sensitivity towards their own suitable design language for multi-functional, multi-cellular built environments.





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Course Outcome and its relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	1	1	1	1	1
CO2	3	3	2	1	1	1	1	1
CO3	2	3	1	1	3	3	3	1
CO4	2	2	1	1	2	2	3	1
CO5	3	3	3	3	3	3	2	1
CO6	1	3	3	1	1	3	1	3
CO3201935 TARGET	2.8	2	1.75	2	2.3	1.3	1.5	2.2

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.58	1.58	1.58	0.53	0.53	0.53	0.53	0.53
	1.58	1.58	1.05	0.53	0.53	0.53	0.53	0.53
	1.05	1.58	0.53	0.53	1.58	1.58	1.58	0.53
	1.05	1.05	0.53	0.53	1.05	1.05	1.58	0.53
	1.58	1.58	1.58	1.58	1.58	1.58	1.05	0.53
	0.53	1.58	1.58	0.53	0.53	1.58	0.53	1.58
PO 3201935 Attainment	1.49	1.05	0.92	1.05	1.23	0.70	0.79	1.16





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CIE AND SEE TABLE:

3201935	DESIGN IV								
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201935.1		70.0	71.3	70.0		70.0	70.31	44.4	54.8
3201935.2		70.0	71.3	70.0			70.42	44.4	54.8
3201935.3		70.0	71.3	70.0		70.0	70.31	44.4	54.8
3201935.4			71.3	70.0		67.5	69.58	44.4	54.5
3201935.5		70.0				68.8	69.38	44.4	54.4
3201935.6		3.0				76.3	39.63	44.4	42.5

AVERAGE CO ATTAINMENT = 52.6





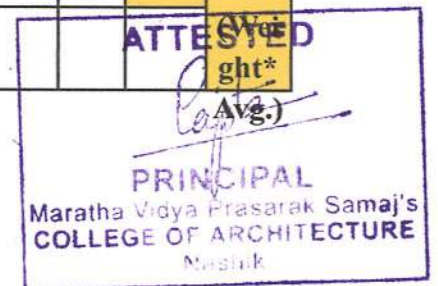
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SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Sayali Gogte, Arpita Bhatt, Geetanjali Patil, Tejaswini Marode, Megha Butte, Radhika Bhattad	Maximum Marks:	SV-250	
Name of Subject:	Design v	Class & Div:	Third year	Weight (in %):	50	
Subject Code:	3201935	Academic Year:	2022-23		0.5	
University Evaluation						
1. Set Target for A.Y. 2022-23					60	
				SV		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		Mean Marks	149.42	Attainment	
	Current Academic Year Minus 1 (CAYm1): (2020-21)		Mean Marks	153.56		
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			151.49		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2020-21)			131.13		
	Is b>a (Yes or No)			N		
	If No:Set and submit action plan for all CO					





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If Yes					
c. No. Students On Roll#			80		1.5
d. No. Students Appeared			72		
e. No. Students Above Actual Avg Marks (a)			32		
f. % Above Actual Avg Marks = $[(e*100)/d]$			44.4		
			4		
Average SEE Attainment in %			44.4		
			4		
Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	3		
	Above 60%-	Attainment Level-2			
	Above 70%-	Attainment Level-3			
g. No. Students Fail			24		
h. No. Students Pass			56		
i. % of Passing (= $[(h*100)/d]$)			77.7		
			8		





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PO SUMMARY

BUILDING CONSTRUCTION & MATERIALS V

COURSE OUTCOME BUILDING CONSTRUCTION & MATERIALS V

3201936.1	CO 1	The student is able to identify and relate different types of Interior elements, variations in frame structure, RCC flooring systems and single basement construction.
3201936.2	CO 2	The student is able to understand characteristics and properties of various Interior elements, variations in frame structure, RCC flooring systems and single basement construction.
3201936.3	CO 3	The student is able to make use of technology to develop different possibilities of assembling interior elements.
3201936.4	CO 4	The student is able to survey, classify and examine different types of technology and materials suitable for Interior elements, variations in frame structure, RCC flooring systems and single basement construction.
3201936.5	CO 5	The student is able to inculcate an analytical thinking about selection and application of appropriate material and technology.
3201936.6	CO 6	The student is able to propose an appropriate solution for a specific design requirement related to Interior elements, frame structure, RCC flooring systems or single basement construction.





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Course outcome and its relation to program outcome :

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	1	1	1
2	3	3	3	3	3	1	1	1
3	3	3	3	3	3	1	1	1
4	3	3	3	3	3	1	1	1
5	3	3	3	3	3	1	1	1
6	3	3	3	3	3	1	1	1
CO 3201937(SV), 3201936(PP) TARGET	3	3	3	3	3	1	1	1

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.07	2.068	2.068	2.068	2.068	0.689	0.689	0.689
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
CO 3201537(SV), 3201536(PP) Attainment	1.97	1.97	1.97	1.97	1.97	0.657	0.657	0.657

3201537	Building Technology and Material V						
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	CIE Attain	SEE	CO Attainment
3201537.1	Nil	86.3	71.3	Nil	78.75	65.0	70.5
3201537.2	Nil	87.5	69.4	Nil	78.44	65.0	70.4
3201537.3	Nil	86.3	69.4	Nil	77.81	65.0	70.1
3201537.4	Nil	88.8	75.0	Nil	81.88	65.0	71.8
3201537.5	Nil	40.0	75.0	Nil	57.50	65.0	62.0
3201537.6	Nil	58.8	90.6	Nil	74.69	65.0	68.9

Average CO Attainment = 68.9





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:		Maximum Marks:	TH-100	
Name of Subject:	BTM V	Class & Div:	Year & Div.: TY. ARCH A & B	Weight (in %):	60	
Subject Code:	3201937(P), 3201936(S) V)	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2022-23					60	
Previous Examination Results	Current Academic Year Minus 2 (CAYm2): (2021-22)	AY:2021-22(2019PAT)	Mean Marks	64.00		Attainment
	Current Academic Year Minus 1 (CAYm1): (2020-21)	AY:2020-21(2019PAT)	Mean Marks	71.02		
				67.51		
a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				67.51		
b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				53.50		(Weight * Avg.)
Is b>a (Yes or No)				N		
If No:Set and submit action plan for all CO						
If Yes						1.8
c. No. Students On Roll#				80		
d. No. Students Appeared						



80 **ATTESTED**

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e. No. Students Above Actual Avg Marks (a)			52			
	f. % Above Actual Avg Marks = $[(e*100)/d]$		65.0			
				0		
				65.00		
	Level of CO Attainment through University Examination	0 - 30	Attainment Level-1			
		31 - 60	Attainment Level-2	3		
		61 - 100	Attainment Level-3			
	g. No. Students Fail			28		
	h. No. Students Pass			52		
i. % of Passing (= $[(h*100)/d]$)			65.0			
			0			





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PO SUMMARY

THEORY OF STRUCTURE V

Course outcomes for TOS V

3201938.1	CO 1	Recalling the Applied Mechanics basics concepts and Theory of Structures and their significance	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
3201938.2	CO 2	Understand & summarize the detailed technics and relate them in numerical	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
3201938.3	CO 3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
3201938.5	CO 5	Determine the answer by using co2 or by putting various values	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods the way to solve a given problem is.





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PO SUMMARY

ARCHITECTURAL DESIGN V

Course Outcome of Architectural Design IV

3201944.1	CO1	Students will be able to define the role of Campus planning for designing buildings with different functions, requiring spaces of different scales and employing suitable structural systems. Also students are expected to list down the building services to sustain campus by itself.
3201944.2	CO2	Students will understand various socio-cultural patterns, geographic context and identify the needs of the users and the site to evolve a sustainable design
3201944.3	CO3	Students will be able to apply their knowledge in sustainable site planning and designing based on various factors for achieving functional (activity, user, space relation), aesthetic, Technical (construction and material), environmental (climatic, socio-geographic) and Cultural goals which shall be integrated in built and inbuilt spaces.
3201944.4	CO4	Students will be able to analysis and synthesis of various design parameters in built-unbuilt spatial relationship; also classify and re-interpret various sources for inspiration for architectural design such as nature, history, geometry, culture Topography, context, philosophy, existing vegetation etc.
3201944.5	CO5	Students will be able to appraise multi-functional, multi-cellular built environments from various case studies to determine generators for their own design
3201944.6	CO6	The course will guide students to, formulate and develop design proposal for pilot projects culminating into an idea, concept generation and visualization that encourages sensitivity towards their own suitable design language for multi-functional, multi-cellular built environments.





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Course Outcome and its relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3.00	2.00	3	3	3
CO2	3	3	3	3.00	3.00	3	1	3
CO3	3	3	3	3.00	3.00	3	3	3
CO4	3	3	3	2.00	3.00	3	2	3
CO5	3	3	3	3.00	3.00	3	3	2
CO6	3	3	3	3.00	3.00	3	3	3
CO4201944 TARGET	3.00	3.00	3.00	2.83	2.83	3.00	2.50	2.83

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.19	2.19	2.19	2.19	1.46	2.19	2.19	2.19
	2.19	2.19	2.19	2.19	2.19	2.19	0.73	2.19
	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19
	2.19	2.19	2.19	1.46	2.19	2.19	1.46	2.19
	2.19	2.19	2.19	2.19	2.19	2.19	2.19	1.46
	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19
PO 4201944 Attainment	2.19	2.19	2.19	2.07	2.07	2.19	1.825	2.07





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CIE AND SEE TABLE:

3201944	DESIGN V								
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201535.1		72.5	73.5	76.3		77.5	74.94	77.0	76.2
3201535.2		73.8	73.5	76.3			74.50	77.0	76.0
3201535.3		54.1	73.5	77.5		76.9	70.50	77.0	74.4
3201535.4			74.7	77.5		76.9	76.36	77.0	76.8
3201535.5		53.2				76.9	65.04	77.0	72.2
3201535.6		3.0				82.9	42.96	77.0	63.4

AVERAGE CO ATTAINMENT = 73.2



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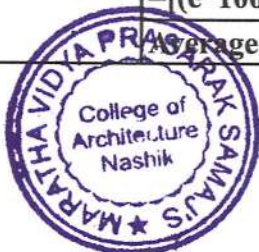
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SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Sayali Gogte, Arpita Bhatt, Megha Butte, Geetanjali Patil, Tejaswini Marode, Radhika Bhattad	Maximum Marks:	SV-250	
Name of Subject:	Design V	Class & Div:	Third year	Weight (in %):	50	
Subject Code:	3201944 +45	Academic Year:	2022-23		0.5	
University Evaluation						
1. Set Target for A.Y. 2022-23					60	
					SV	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2021-22	Mean Marks	149.42	Attainment
	Current Academic Year Minus 1 (CAYm1): (2020-21)		AY:2020-21	Mean Marks	147.19	
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				149.42	(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				152.35	
	Is b>a (Yes or No)				N	
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				80	
	d. No. Students Appeared				72	
	e. No. Students Above Actual Avg Marks (a)				32	
f. % Above Actual Avg Marks =[(e*100)/d]				44.4		
Average SEE Attainment in %				44.4		





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				4	
	Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	3	
		Above 60%-	Attainment Level-2		
		Above 70%-	Attainment Level-3		
	g. No. Students Fail			24	
	h. No. Students Pass			56	
	i. % of Passing (= [(h*100)/d])			77.7	8



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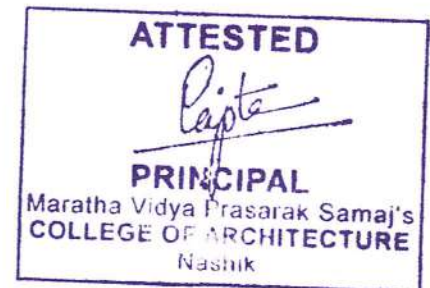
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PO SUMMARY

THEORY OF STRUCTURE VI

Course outcomes for TOS VI

3201947.1	CO 1	Recalling the Applied Mechanics basics concepts and Theory of Structures and their significance	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
3201947.2	CO 2	Understand & summarize the detailed technics and relate them in numerical	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
3201947.3	CO 3	Application of the knowledge in numerical so students will experiment on it, which help them at the time planning	3. Applying: Carrying out or using a procedure for executing, or implementing.
3201947.5	CO 5	Determine the answer by using co2 or by putting various values	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods is the way to solve a given problem.





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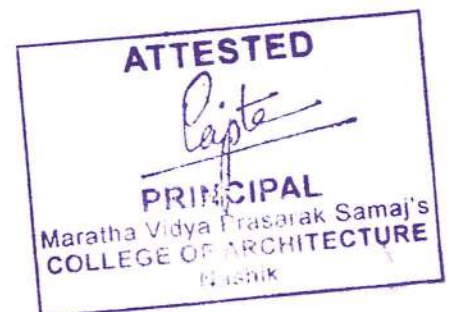
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Course Outcomes and its Relation to Program Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	1	1	1
2	1	3	3	3	1	1	3	1
3	1	1	1	1	1	1	3	3
5	1	1	1	3	3	1	3	1
CO 3201547 TARGET	1.5	2	1.5	2	1.5	1	2.5	1.5

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	2.15	2.15	0.716	0.716	0.716	0.716	0.716	0.716
	0.716	2.15	2.15	2.15	0.716	0.716	2.15	0.716
	0.716	0.716	0.716	0.716	0.716	0.716	2.15	2.15
	0.716	0.716	0.716	2.15	2.15	0.716	2.15	0.716
PO 3201547 Attainment	1.075	1.43	1.075	1.43	1.075	0.716	1.791	1.075





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CIE & SEE TABLE:

3201547	TOS -6									
	CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201547.1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	53.4	53.4
3201547.2	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	53.4	53.4
3201547.3	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	53.4	53.4
3201547.5	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	53.4	53.4

Average CO Attainment= 53.4





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College of Architecture					
CO Attainment University Examination					
Department:	B. Arch.	Name of Teacher:	ER.ANIL THOMBARE, ER. ASHWINI BHUSARE	Maximum Marks:	100
Name of Subject:	TOS-6	Class & Div:	T.Y.BARCH	Weight (in %):	33
Subject Code:	3201547	Academic Year:	2022-23		0.66
University Evaluation					
1. Set Target for A.Y. 2022-23					50
					TH
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:(2021-22)(2015PAT)	Mean Marks	65.53	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:(2020-21)(2015PAT)	Mean Marks	73.96	
				69.75	
	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			69.75	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			73.96	
				48.28	
	Is b>a (Yes or No)			NO	
	If No:Set and submit action plan for all CO				(Weight* Avg.)
	If Yes				
Current Academic Year (CAY) 2022-23	c. No. Students On Roll#			106	
	d. No. Students Appeared			103	
	e. No. Students Above Actual Avg Marks (a)			55	
	f. % Above Actual Avg Marks =[(e*100)/d]			53.40	
	Average SEE Attainment in %			53.40	
	Level of CO Attainment through University Examination				2
	0-30			Attainment Level-1	
	30-60			Attainment Level-2	
Above 60			Attainment Level-3		
g. No. Students Fail			35		
h. No. Students Pass			68		
i. % of Passing (= [(h*100)/d])			66.02		



CO's and CO-PO Mapping Details

Course Name: B.C.M-VI

Course Code: 3201946 [SV]

CO No.	Course Outcome
3201946.1	The student is able to identify and relate different types of Metal and Metal Alloys in long span structures.
3201946.2	The student is able to understand characteristics and properties of various Metal and Metal Alloys in long span structures.
3201946.3	The student is able to make use of technology to develop different possibilities
3201946.4	The student is able to survey, classify and examine different types of technology and materials
3201946.5	The student is able to inculcate an analytical thinking about selection and application of appropriate material and technology.
3201946.6	The student is able to propose an appropriate solution for a specific design requirement related

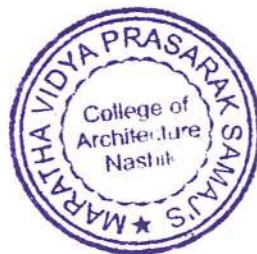


PO Target for the Course

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	1	1	1
2	3	3	3	3	3	1	1	1
3	3	3	3	3	3	1	1	1
4	3	3	3	3	3	1	1	1
5	3	3	3	3	3	1	1	1
6	3	3	3	3	3	1	1	1
CO 3201937(SV), 3201936(PP) TARGET	3	3	3	3	3	1	1	1

Summary of CIE & ESE Record

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.07	2.07	2.07	2.07	2.07	0.69	0.69	0.69
		2	2	2	2	1	1	1
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
	1.95	1.95	1.95	1.95	1.95	0.65	0.65	0.65
CO 3201537(SV), 3201536(PP) Attainment	1.97	1.97	1.97	1.97	1.97	0.65	0.65	0.65
						7	7	7



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PO Attainment Record

3201537 Bulding Technology and Material V									
CO Code	Practic al	Assignme nt (Written)	Assignme nt (Graphic al)	Visi t	Traini ng	Proje ct	CIE Attai n	SE E	CO Attainme nt
3201537 .1		86.3	71.3				78.75	65.0	70.5
3201537 .2		87.5	75.0				81.25	65.0	71.5
3201537 .3		86.3	75.0				80.63	65.0	71.3
3201537 .4		88.8	75.0				81.88	65.0	71.8
3201537 .5		40.0	75.0				57.50	65.0	62.0
3201537 .6		56.6	85.6				71.11	65.0	67.4



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College of Architecture							
CO Attainment University Examination							
Department:	B. Arch.	Name of Teacher:		Maximum Marks:	TH-150		
Name of Subject:	BTM VI	Class & Div:	Year & Div.: TY. ARCH A & B	Weight (in %):	60		
Subject Code:	3201946 [SV]	Academic Year:	2022-23		0.6		
University Evaluation							
1. Set Target for A.Y. 2022-23					60		
Previous Examination Results	Current Academic Year Minus 2 (CAYm2): (2021-22)	AY:2021-22(2019PAT)	Mean Marks	64.00		Attainment	
	Current Academic Year Minus 1 (CAYm1): (2020-21)	AY:2020-21(2019PAT)	Mean Marks	71.02			
Current Academic Year (CAY) 2020-21	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			67.51		(Weight* Avg.) 1.8	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			53.50			
	Is b>a (Yes or No)			N			
	If No:Set and submit action plan for all CO						
	If Yes						
	c. No. Students On Roll#			80			
	d. No. Students Appeared			80			
	e. No. Students Above Actual Avg Marks (a)			52			
	f. % Above Actual Avg Marks =[(e*100)/d]			65.00			
	Average SEE Attainment in %			65.00			
	Level of CO Attainment through University Examination		0 - 30	Attainment Level-1	3		
			31 - 60	Attainment Level-2			
			61 - 100	Attainment Level-3			
g. No. Students Fail			28				
h. No. Students Pass			52				
i. % of Passing (= [(h*100)/d])			65.00				



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COURSE INFORMATION SHEET

Course: Research in Architecture - I	Class: 3rd Yr B-Arch AY: 2022-23 Sem-VI
Code: 3201948 [SS]	Faculty: Hemant T, Vinit B, Tejaswini MP, Gaurav A

Teaching Scheme			Examination Scheme			
Lectures (hrs/week)	Studio (hrs/week)	Total Credits	Theory (Paper)		Sessional (Int. + Ext.)	
			In-Sem Marks	End- Sem Marks	Journal, Practical, & Numerical	Oral Viva
01	02	03	---	---	50	---

Course Prerequisites:

- Introduction to students for research in architecture and its values in design.
- Enabling the students to work on the approved topic and prepare a research proposal.

Instructions / Delivery Methods:

Board & Talk	ICT (PPT, Videos)	Group Discussion	Individual Discussion	Field Visit	Written Assignment	Numerical Assignment	Studio Assignment
✓	✓	✓	✓	---	✓	---	---

PO	Graduate Attributes	Program Educational Objectives (PEOs)
PO1	KNOWLEDGE	Understanding about role of various knowledge domains such as technology and environment in design of built environment.
PO2	PRINCIPLES AND THEORY	Knowledge of Principles of Architecture and theoretical knowledge and its application in Design.
PO3	CREATIVITY	Creative and design thinking ability.
PO4	PRACTICE	Ability to understand real life situation of architectural practice and to work with ethical and professional responsibilities.
PO5	COLLABORATIVE WORKING	Ability to communicate effectively and work in interdisciplinary groups.
PO6	INCLUSIVITY	Sensitivity in design for inclusivity, equity, environment, diverse climates, & sustainability.
PO7	TECHNOLOGICAL KNOW HOW	Ability to review, comprehend and report technological developments in the profession of architecture and construction.
PO8	ABILITY TO CHOOSE AREA OF SPECIALISATION	Able to judge one's area of interest and accordingly choose the topic for research and field of practice.





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Course Outcome	CO Statement	Bloom's Taxonomy Level
CO 1	To be able to search, identify and select the topics of interest and to enhance knowledge & personal skill by listening, memorizing and improving cognitive abilities. And to know the significance of research in architecture and ethical practices in Research.	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
CO 2	To develop understanding for various aspects of research in summarizing, categorizing, comparing and inferring its value of association with different fields.	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
CO 3	To prepare and articulate the information collected	3. Applying: Carrying out or using a procedure for executing, or implementing.
CO 4	To organize, appraise and explain the various parameters of research correlating them with diverse domain.	4. Analyzing: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
CO 5	To be able to validate, comment, review or criticize various parameters of research topics.	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods is the way to solve a given problem.
CO 6	The course will facilitate to compose, write and formulate the synopsis for their pilot project.	6. Creating: By collaborating the knowledge gained so far with other streams.





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NDMVPS College of Architecture, Nasik			
AY : 2022-23	3rd Yr. B-Arch [SEM - VI]	RESEARCH in ARCHITECTURE - I	3201948 [SS]

PO Attainment Record

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
No. of Lectures	30	39	24	42	0	0	43	23
% of CO	62.50	81.25	50.00	87.50	0.00	0.00	89.58	47.92
PO Mapping	3	3	2	3	0	0	2	2

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	0	0	0	0	0	0	0
CO 2	0	3	0	0	0	0	0	0
CO 3	0	0	2	0	0	0	0	0
CO 4	0	0	0	3	0	0	0	0
CO 5	0	0	0	0	0	0	2	0
CO 6	0	0	0	0	0	0	0	2
AVERAGE	0.50	0.50	0.33	0.50	0.00	0.00	0.33	0.33

CO Code	(CIE + SEE Avg. Attainment) * Map Value of CO-PO / 3							
	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13
CO 1	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO 2	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00
CO 3	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.00
CO 4	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.00
CO 5	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00
CO 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
PO Attainment	0.36	0.36	0.24	0.36	0.00	0.00	0.24	0.24

Attainment of CIE & SEE

AY : 2022-23	3rd Yr. B-Arch [SEM - VI]	RESEARCH in ARCHITECTURE - I	3201948 [SS]
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CO Code	Practical Assignments	Theory Assignments	Research Assignments	CIE Attainment	SEE Attainment	CO Attainment
CO 1		76.39		76.39	68.6	71.3
CO 2		75.78		75.78	68.6	71.1
CO 3			77.08	77.08	68.6	71.5
CO 4			75.00	75.00	68.6	70.8
CO 5			76.56	76.56	68.6	71.4
CO 6			75.00	75.00	68.6	70.8

Average: 71.2

Attain. Level: **ATTESTED**





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SEE			
A Y : 2022-23	RESEARCH in ARCHITECTURE - I	3201948 [SS]	3 rd Yr. B-Arch

Faculty: 1) Hemnat Thakare 3) Tejaswini Marode-Patil
2) Vinit Bobade 4) Gaurav Arbooj

Max Marks :	50
Weight (in %) :	35
Weight :	0.70

CAY – m1 (Current Acad. Yr. minus 1)	AY: 2021-22 (2019 PAT)	Mean Marks:	32.29
CAY – m2 (Current Acad. Yr. minus 2)	AY: 2020-21 (2019 PAT)	Mean Marks:	29.23

a. Reference Target of Avg. Marks for Last Two Yrs.	30.76
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2022-23 Result)	31.98
Is $b > a$ (Yes/No)	Yes
If No, Set & Submit Action Plan for all CO	
c. Set Target (Marks) for A.Y. 2021-22 (Threshold Value : TH)	30

d. No. of Students on Roll	104
e. No. of Students Appeared	97
f. No. of Absent Students	8
g. No. of Students Failed	9
h. No. of Students Pass	95
i. No. of Students with Equal to or Above "TH" (c)	65
j. % Above Threshold Marks = $[(i * 100) / e]$	67.01
k. % of Passing = $[(h * 100) / e]$	97.94

Average SEE Attainment in %			97.94
Level of CO Attainment through University Examination	0 – 30	Level - 1	3
	30 – 60	Level - 2	
	Above 60	Level - 3	

SEE Attainment	(Weight * Avg.)	68.56
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PO Summary

Electives II

Course Outcomes – Electives II

1201915.1	CO 1	Students will choose an area of interest (from Art and design or Technology and management or social-humanities and history domain) based on their previous knowledge / exposure for further exploration.
1201915.2	CO 2	Students will choose an area of interest (from Art and design or Technology and management or social-humanities and history domain) based on their previous knowledge / exposure for further exploration.
1201915.3	CO3	Students will be able to develop special skills in the particular field of specialisation (from Art and design or Technology and management or social-humanities and history domain) chosen in terms of application by exploring the recent developments in the field of architecture.
1201915.4	CO 4	Students will be able to analyse various examples / case studies / practices in the particular field of specialisation (from Art and design or Technology and management or social-humanities and history domain) chosen and to compare the same with larger context of overall sphere of Architecture.
1201915.5	CO 5	The course will prepare students to determine the importance as well as judge their interest in the particular field of specialisation (from Art and design or Technology and management or social-humanities and history domain) chosen to decide their further course of career.
1201915.6	CO 6	The course will train students to formulate and explore hands-on pilot projects in the particular field of specialisation (from Art and design or Technology and management or social-humanities and history domain) chosen to build their interest and understanding in that field.





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Course outcome and its related program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	2	1	3	1	3
CO2	3	3		3	1	3		3
CO3	3	3	1	2	1	3	1	3
CO4	1	2	3	3	3	3	1	1
CO5			3	3	3		3	
CO6								
CO4201561 TARGET	2.5	2.5	2	2.6	1.8	3	1.5	2.5
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.99	1.327	0.663	1.327	0.663	1.99	0.663	1.99
	1.99	1.99		1.99	0.663	1.99		1.99
	1.99	1.99	0.663	1.327	0.663	1.99	0.663	1.99
	0.663	1.327	1.99	1.99	1.99	1.99	0.663	0.663
			1.99	1.99	1.99		1.99	
PO 4201561 Attainment	1.658	1.658	1.327	1.725	1.194	1.99	0.995	1.658

CIE and SEE table

3201949 Electives II									
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201949.1		71.6					71.57	62.6	66.2
3201949.2	71.6	76.5				73.5	73.86	62.6	67.1
3201949.3	76.5	73.5	71.6			71.6	73.28	62.6	66.9
3201949.4			76.5			76.5	76.47	62.6	68.2
3201949.5	73.5	74.5	73.5			74.5	74.02	62.6	67.2
3201949.6	74.5	74.5	37.3				62.09	62.6	62.4

Average CO attainment = 66.3





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SEE

College of Architecture					
CO Attainment University Examination					
Department:	B. Arch.	Name of Teacher:	Purva Shah	Maximum Marks:	55-100
Name of Subject:	Elective II	Class & Div:	Third Year A & B	Weight (in %):	60
Subject Code:	3201949 (55)	Academic Year:	2022-23		0.6
University Evaluation					
I. Set Target for A.Y. 2022-23					60
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2020-21(2015PAT)	Mean Marks	55.62	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2019-20(2008PAT)	Mean Marks	-	
Current Academic Year (CAY) 2019-20	a. Targeted Average Marks for AY. 2022-23(Average Marks for Last two years)				65.62
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				64.36
	Is b>a (Yes or No)				64.36
	If No: Set and submit action plan for all CO				
	If Yes				
	c. No. Students On Roll:				102
	d. No. Students Appeared				99
	e. No. Students Above Actual Avg. Marks (a)				62
	f. % Above Actual Avg. Marks = [(e*100)/d]				62.63
	Average SEE Attainment in %				62.63
Level of CO Attainment through University Examination		Above 50%	Attainment Level-1	2	(Weight+ Avg.)
		Above 60%	Attainment Level-2		
		Above 70%	Attainment Level-3		
g. No. Students Fail				5	
h. No. Students Pass				97	
i. % of Passing = [(h*100)/d]				97.98	



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COURSE INFORMATION SHEET

Course: Building Services - IV	Class: 3rd Yr B-Arch AY: 2022-23 Sem-VI
Code: 3201950 [P] 3201951 [SS]	Faculty: Hemant Thakare, Megha Butte

Teaching Scheme			Examination Scheme			
Lectures (hrs/week)	Studio (hrs/week)	Total Credits	Theory (Paper)		Sessional	
			In-Sem Marks	End- Sem Marks	Journal, Practical, & Numerical	Oral Viva
02	01	03	30	70	50	---

Course Prerequisites:

- Basic Knowledge of what is NBC (National Building Code), and its main components.
- Basic Thermodynamic Principles of Heat Transfer from 1 medium to another.
- Conceptual understanding of Emergency Staircase.
- Basics components of Wave, & the technical terms related to it.

Instructions / Delivery Methods

Board & Talk	ICT (PPT, Videos)	Group Discussion	Individual Discussion	Field Visit	Written Assignment	Numerical Assignment	Studio Assignment
✓	✓	✓	✓	✓	✓	✓	✓

PO	Graduate Attributes	Program Educational Objectives (PEOs)
PO1	KNOWLEDGE	Understanding about role of various knowledge domains such as technology and environment in design of built environment.
PO2	PRINCIPLES AND THEORY	Knowledge of Principles of Architecture and theoretical knowledge and its application in Design.
PO3	CREATIVITY	Creative and design thinking ability.
PO4	PRACTICE	Ability to understand real life situation of architectural practice and to work with ethical and professional responsibilities.
PO5	COLLABORATIVE WORKING	Ability to communicate effectively and work in interdisciplinary groups.
PO6	INCLUSIVITY	Sensitivity in design for inclusivity, equity, environment, diverse climates, & sustainability.
PO7	TECHNOLOGICAL KNOW HOW	Ability to review, comprehend and report technological developments in the profession of architecture and construction.
PO8	ABILITY TO CHOOSE AREA OF SPECIALISATION	Able to judge one's area of interest and accordingly choose the field of practice.





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Course Outcome	CO Statement	Bloom's Taxonomy Level
CO 1	To obtain knowledge of technical and design aspects of generation and propagation of sound, properties of sound & the fire triangle, causes, impacts, basic terminology of fire protection	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long- term memory.
CO 2	To comprehend construction for acoustical treatment as an integral part of architectural design process and to understand Parameters for good acoustical conditions, parameters for noise control materials for it and architectural changes to be made in designing a structure. To comprehend construction for occupancy-based classification of buildings, fire zones, construction types, fire rating requirements.	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
CO 3	To have application of functional and aesthetic aspects of acoustics and fire safety in architectural design.	3. Applying: Carrying out or using a procedure for executing, or implementing.
CO 4	To analyse and compare suitability of various acoustical treatments in buildings, with respect to their working principles, components, materials and provisions in architectural design. To analyse and compare suitability of various firefighting installations, with respect to their working principles, components along with passive design strategies for fire protection.	4. Analysing: Breaking material / info. into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
CO 5	To judge suitability of different acoustical treatments after Reverberation time calculations and provide recommendations for acoustical treatment. To judge suitability of different fire protection measures in buildings.	5. Evaluating: Make judgments based on the Criteria and standards (e.g. Detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, and judge which of two methods the way to solve a given problem.
CO 6	To design acoustical system and for a space or part of a building. To design passive and active fire protection for a space or part of a building.	6. Creating: By collaborating the knowledge gained so far with other streams.





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NDMVPS College of Architecture, Nashik					
AY : 2022-23	3 rd Yr. B-Arch [S EM - V I]	Building Services - IV	3201950 [P]	3201951 [SS]	

PO Attainment Record

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Lectures + Studios	48	48	15	22	19	44	19	10
% of CO	100	100	31	46	40	92	40	21
PO Mapping Level	3	3	2	3	3	2	2	1

CO Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	0	1	0	0	0	0	0
CO 2	0	3	0	1	0	0	0	0
CO 3	0	0	2	2	0	2	0	0
CO 4	0	0	0	1	2	2	0	0
CO 5	0	0	0	0	0	0	2	0
CO 6	0	0	0	0	0	0	0	1
AVERAGE	0.50	0.50	0.50	0.67	0.33	0.67	0.33	0.17

CO Code	(CIE + SEE Avg. Attainment) * Map Value of CO-PO / 3							
	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
CO 1	2.10	0.00	0.70	0.00	0.00	0.00	0.00	0.00
CO 2	0.00	2.10	0.00	0.70	0.00	0.00	0.00	0.00
CO 3	0.00	0.00	1.40	1.40	0.00	1.40	0.00	0.00
CO 4	0.00	0.00	0.00	0.70	1.40	1.40	0.00	0.00
CO 5	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00
CO 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
PO Attainment	0.35	0.35	0.35	0.47	0.23	0.47	0.23	0.12

Attainment of CIE & SEE

AY : 2022-23	3 rd Yr. B-Arch [S EM - V I]	Building Services - IV	3201950(P)	3201951(SS)
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CO Code	In-Sem Exam	Theory Assignments	Practical Assignments	CIE Attain	SEE	CO Attainment
CO 1	72.73			72.73	69.1	70.4
CO 2	75.32			75.32	69.1	71.3
CO 3		81.58	46.75	64.17	69.1	67.4
CO 4		84.21	67.53	75.87	69.1	71.5
CO 5		82.24	61.69	71.96	69.1	70.1
CO 6		82.89	54.55	68.72	69.1	69.0

Average: 69.9

Attain. Level: 2.10





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SEE			
AY : 2021-22	Building Services - IV	3201950 (P) 3201951 (SS)	3 rd Yr. B-Arch

Faculty: 1) Hemnat Thakare 4)
2) Anil Thombre 5)
3) 6)

Max Marks :	50
Weight (in %) :	35
Weight :	0.70

CAY – m1 (Current Acad. Yr. minus 1)	AY: 2017-18 (2015 PAT)	Mean Marks:	28.96
CAY – m1 (Current Acad. Yr. minus 2)	AY: 2016-17 (2015 PAT)	Mean Marks:	34.15

a. Reference Target of Avg. Marks for Last Two Yrs.	31.56
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2021-22 Result)	36.82
Is $b > a$ (Yes / No)	Yes
If No, Set & Submit Action Plan for all CO	
c. Set Target (Marks) for A.Y. 2021-22 (Threshold Value : TH)	30

d. No. of Students on Roll	77
e. No. of Students Appeared	77
f. No. of Absent Students	1
g. No. of Students Failed	0
h. No. of Students Pass	76
i. No. of Students with Equal to or Above "TH" (c)	66
j. % Above Threshold Marks = $[(i * 100) / e]$	85.71
k. % of Passing = $[(h * 100) / e]$	98.70

Average SEE Attainment in %			98.70
Level of CO Attainment through University Examination	0 – 30	Level - 1	3
	30 – 60	Level - 2	
	Above 60	Level - 3	

SEE Attainment	(Weight * Avg.)	69.09
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PO Summary Working Drawing II

Course outcomes for Working Drawing II

3201952.1	CO1	To know the basics of working drawing for RCC frame structure
3201952.2	CO2	To understand various term used in working drawing along with graphical representation and annotations
3201952.3	CO3	To develop and apply graphical representation in working drawing.
3201952.4	CO4	To classify, analyze and compare various drawings and its correlation with each other
3201952.5	CO5	To acquaint students with the methodology and sequence of various working drawings and its importance in professional practice





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Course outcome and its relation to program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	3	1	1	3	1
2	3	3	1	3	1	1	3	1
3	3	3	1	3	1	1	3	1
4	3	3	1	3	1	1	3	1
5	3	3	1	3	1	1	3	1
6	3	3	1	3	1	1	3	1

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71
	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71
	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71
	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71
	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71
PO 3201952 (SS) Attainment	2.12	2.12	0.71	2.12	0.71	0.71	2.12	0.71





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CIE and SEE table

3201952 (SS)	WORKING DRAWING II								
CO Code	Practical (STUDIO)	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201952.1	75.0	-	-	-	-	-	75.00	66.3	69.8
3201952.2	77.5	-	-	-	-	-	77.50	66.3	70.8
3201952.3	78.8	-	77.5	-	-	-	78.13	66.3	71.0
3201952.4	80.0	-	75.0	-	-	-	77.50	66.3	70.8
3201952.5	76.3	-	75.0	-	-	-	75.63	66.3	70.0
3201952.6	-	-	80.0	-	-	-	80.00	66.3	71.8

Average CO attainment : 70.7





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SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Ankita Nikam	Maximum Marks:	SS - 100	
Name of Subject:	WORKING DRAWING-II	Class & Div:	Third Year A & B	Weight (in %):	60	
Subject Code:	3201952 (SS)	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					60	
				SS		
	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2022-23(2019PAT)	Mean Marks	62.65		Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2018-19(2015PAT)	Mean Marks	62.40		
Previous Examination Results	Current Academic Year Minus 3 (CAYm3): (2019-20)	AY:2017-18(2015PAT)	Mean Marks	62.36		
	Current Academic Year Minus 4 (CAYm3): (2018-19)	AY:2016-17(2015PAT)	Mean Marks	60.27		
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2018-19 (Average Marks for Last two years)				62.38	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				63.16	
	Is b>a (Yes or No)				Y	(Weight* Avg.)
	If No:Set and submit action plan for all CO					
	If Yes					1.2
	c. No. Students On Roll#				80	
	d. No. Students Appeared				80	
	e. No. Students Above Actual Avg Marks (a)				53	
	f. % Above Actual Avg Marks =[(e*100)/d]				66.25	
	Average SEE Attainment in %				66.25	
Level of CO Attainment through University Examination			Above 50%-	Attainment	2	

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		Level-1			
		Above 60%-			Attainm ent Level-2
		Above 70%-			Attainm ent Level-3
g. No. Students Fail			13		
h. No. Students Pass			67		
i. % of Passing (= [(h*100)/d])			83.7		
			5		





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PO SUMMARY

ARCHITECTURAL DESIGN VI

COURSE OUTCOME ARCHITECTURAL DESIGN VI

4201953.1	CO 1	The student is able to identify the various features involved in the urban fabric in terms of typology, area, function and context.
4201953.2	CO 2	To understand the housing in urban context, preferably in a different socio-cultural-economic setting than the institute and document the study in the form of a report various issues which need to be considered for envisaging a design project in totality.
4201953.3	CO 3	The student is able to apply the various issues studied in the urban context to the design of a master plan and architectural design regarding housing with reference to the context.
4201953.4	CO 4	The student is able to survey, classify and examine different features of the city and their roles, and apply the same with the housing needs of the city.
4201953.5	CO 5	The student is able to inculcate an analytical thinking about the nature of spaces and the issues faced at the urban level and apply the same.
4201953.6	CO 6	The student is able to design or create a master plan and an architectural design for housing with the various issues studied in the urban context like services, aesthetics, Rules, traffic regulations, and site and context.





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Course outcome and its relation to program outcome :

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	3	3	3
2	3	1	3	3	1	3	3	2
3	3	1	3	3	2	3	3	2
4	3	2	3	3	2	3	3	2
5	3	1	3	3	1	3	3	1
6	3	1	3	3	1	3	3	3
CO 4201953 TARGET	3.00	1.50	3.00	3.00	1.67	3.00	3.00	2.17

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
	1.78	0.59	1.78	1.78	0.59	1.78	1.78	1.19
	1.78	0.59	1.78	1.78	1.19	1.78	1.78	1.19
	1.78	1.19	1.78	1.78	1.19	1.78	1.78	1.19
	1.78	0.59	1.78	1.78	0.59	1.78	1.78	0.59
	1.78	0.59	1.78	1.78	0.71	1.78	1.78	1.78
PO 4201953 Attainment	1.78	0.89	1.78	1.78	1.01	1.78	1.78	1.29

2201917	Architectural Design VI					
CO Code	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
4201953.1	53.2	-	-	53.16	61.6	58.3
4201953.2	53.2	-	-	53.16	61.6	58.3
4201953.3	45.6	-	51.9	48.73	61.6	56.5
4201953.4	59.5	-	53.2	56.33	61.6	59.5
4201953.5	-	-	53.2	26.58	61.6	58.3
4201953.6	50.6	-	46.8	48.73	61.6	56.5

Average CO Attainment = 57.90



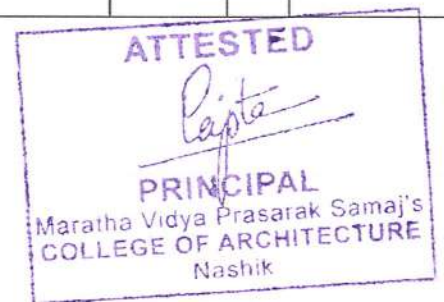


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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	AN, SR, VP, SW	Maximum Marks:	SV - 300	
Name of Subject:	Architectural DESIGN- 6	Class & Div:	Fourth Year A & B	Weight (in %):	60	
Subject Code:	4201953 (SV)	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					180	
					SS	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2017-18)	AY:2017-18(2015PAT)	Mean Marks	180.00		Attainment
	Current Academic Year Minus 2 (CAYm2): (2016-17)	AY:2016-17(2015PAT)	Mean Marks			
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2018-19 (Average Marks for Last two years)			180.00		(Weight* Avg.) 1.2
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2018-19)			161.23		
	Is b>a (Yes or No)			Y		
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#			79		
	d. No. Students Appeared			73		
	e. No. Students Above Actual Avg Marks (a)			45		
	f. % Above Actual Avg Marks =[(e*100)/d]			61.64		
	Average SEE Attainment in %			61.64		
Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1			
		Above 60%-	Attainment Level-2	2		
		Above 70%-	Attainment Level-3			
g. No. Students Fail			2			
h. No. Students Pass			73			
i. % of Passing (= [(h*100)/d])			100.00			





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PO SUMMARY

ABCS-1

COURSE OUTCOMES- ABCS-1

4201954.1	CO1	To find out difference between regular and advanced construction techniques involved by recalling the previous knowledge. They should be able to select appropriate technology.
4201954.2	CO2	Student should be able to understand and compare various construction techniques and services involved.
4201954.3	CO3	Student should be able to apply the acquired knowledge to solve the various issues related to advanced construction technology and services.
4201954.4	CO4	Student should be able to analyse data (materials, products) available locally and internationally through survey and market study.
4201954.5	CO5	Student should be able to justify the method selected to solve the problem.
4201954.5	CO6	The student should be able to propose proper construction technique to improve the design.

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COURSE OUTCOME AND ITS RELATED PROGRAM OUTCOME

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	2	3	2	3	1	2	1
2	2	3	1	3	2	1	3	1
3	3	3	3	1	3	1	3	1
4	2	2	2	2	3	1	2	1
5	2	2	3	1	3	1	3	1
6	2	1	3	1	2	2	1	2
CO-4201954 TARGET	2.3333	2.1667	2.5	1.6667	2.6667	1.1667	2.3333	1.1667
(CIE+SEE Avg.Attainment)*Map Value of CO-PO / 3	1.75	1.1667	1.75	1.1667	1.75	0.5833	1.1667	0.5833
	1.1667	1.75	0.5833	1.75	1.1667	0.5833	1.75	0.5833
	1.75	1.75	1.75	0.5833	1.75	0.5833	1.75	0.5833
	1.1667	1.1667	1.1667	1.1667	1.75	0.5833	1.1667	0.5833
	1.1667	1.1667	1.75	0.5833	1.75	0.5833	1.75	0.5833
	1.1667	0.5833	1.75	0.5833	1.1667	1.1667	0.5833	1.1667
PO-4201954 Attainment	1.3611	1.2639	1.4583	0.9722	1.5556	0.6806	1.3611	0.6806

CIE AND SEE TABLE

4201954 (SY) ADVANCED BUILDING CONSTRUCTION AND SERVICES I									
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201954 .1			68.7				68.66	52.2	58.8
4201954 .2		79.5					79.45	52.2	63.1
4201954 .3		75.1	66.7				70.90	52.2	59.7
4201954 .4				68.8			68.84	52.2	58.9
4201954 .5		67.4					67.40	52.2	58.3
4201954 .6				52.1			52.05	52.2	52.2

AVERAGE CO ATTAINMENT= 58.5

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SEE

MVPS's College of Architecture			
CO Attainment University Examination			
Department:	Name of Teacher:	Maximum Marks:	SV-150
B. Arch.	VIJAY PAWAR	Weight (in %):	120
Name of Subject:	Class & Div:	FOURTH YR B ARCH B	
ADVANCED BUILDING, CONSTRUCTION AND SERVICES I	Academic Year:	2022-23	
Subject Code:	4201954 (SV)		
University Evaluation			
I. Set Target for A.Y. 2022-23			30
Previous Examination Results		TH	
	Current Academic Year Minus 1 (CAYm1): (2021-22)	Mean Marks	125.66
	Current Academic Year Minus 2 (CAYm2): (2020-21)	Mean Marks	140.06
	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)		132.86
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)		94.46
	Is b>a (Yes or No)		N
	If No: Set and submit action plan for all CO		
	If Yes		
	c. No. Students On Roll#		73
	d. No. Students Appeared		67
	e. No. Students Above Actual Avg. Marks (a)		35
	f. % Above Actual Avg. Marks = [(e*100)/d]		52.23
	Average SEE Attainment in %		52.23
Current Academic Year (CAY) 2021-22		Attainment Level-1	
		Attainment Level-2	2
		Attainment Level-3	
	g. No. Students Fail		28
	h. No. Students Pass		45
	i. % of Passing (= [h*100]/d)		67.16
		(Weight* Avg.)	1.2

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PO SUMMARY

Urban Studies – I

Course Outcomes for Urban Studies – I

4201915.1	CO 1	The course will enable students to know the meaning of urban planning, urban design, neighborhood planning, high-rise housing, slum rehabilitation, public housing, town planning schemes etc.
4201915.2	CO 2	To make Students understand the implications of various factors such as traffic-transportation, socio- economic, urban landscape etc. influencing the development, rationale of urban regulatory controls.
4201915.3	CO 3	To make Students apply the learnt Urban Design Principles and Urban Planning Theories.
4201915.4	CO 4	To make Students analyses knowledge gained from studying urban planning principles of case specific examples in the current context.
4201915.5	CO 5	To enable Students to compare and evaluate, different aspects of the impact of architectural project beyond the site and neighborhood.
4201915.6	CO 6	The course should prepare the students to design, develop and make proposals for resolving the complexities by addressing the requirements of the selected urban areas.





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Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	2	3	1	2	1	2
2	3	3	2	3	3	1	3	3
3	3	3	3	1	3	3	3	1
4	3	1	3	3	1	3	3	3
5	3	3	2	3	2	3	3	2
6	2	2	2	0	2	2	0	2
CO 4201915 TARGET	2.8	2.5	2.3	2.2	2.0	2.3	2.2	2.2
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2	2	1.333	2	0.667	1.333	0.667	1.333
	2	2	1.333	2	2	0.667	2	2
	2	2	2	0.667	2	2	2	0.667
	2	0.667	2	2	0.667	2	2	2
	2	2	1.333	2	1.333	2	2	1.333
	1.333	1.333	1.333	0	1.333	1.333	0	1.333
PO 4201915 Attainment	1.9	1.7	1.6	1.4	1.3	1.6	1.4	1.4





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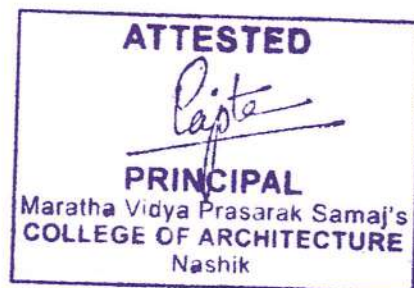
CIE & SEE TABLE:

M309		URBAN STUDIES I						
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
4201915.1		79.5				79.45	65.9	71.3
4201915.2	79.5	79.5				79.45	65.9	71.3
4201915.3	79.5		79.5			79.45	65.9	71.3
4201915.4		80.8	79.5		80.1	80.14	65.9	71.6
4201915.5	80.8	80.8	80.8		80.1	80.65	65.9	71.8
4201915.6	80.8	80.8	40.4			67.35	65.9	66.5

Average CO Attainment = 70.6

SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Radhika Bhattad	Maximum Marks:	100	
Name of Subject:	URBAN STUDIES I	Class & Div:	Fr. Y. B. ARCH	Weight (in %):	60	
Subject Code:	4201915 [SS]	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2019-20(2019PAT)	Mean Marks	36.2	Attainment





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	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2018-19(2015PAT)	Mean Marks	29.15	
				32.68	
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2020-21 (Average Marks for Last two years)			32.68	(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			28.95	
	Is b>a (Yes or No)			No	
	If No:Set and submit action plan for all CO				
	If Yes				
	c. No. Students On Roll#			82	
	d. No. Students Appeared			82	
	e. No. Students Above Actual Avg Marks (a)			54	
	f. % Above Actual Avg Marks =[(e*100)/d]			65.85	
	Average SEE Attainment in %			65.85	
	Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1	1
			Above 60%-	Attainment Level-2	
			Above 70%-	Attainment Level-3	
g. No. Students Fail			10		
h. No. Students Pass			72		
i. % of Passing (= [(h*100)/d])			87.80		





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PO SUMMARY

Research in Architecture II _ (4201956 (SS))

Course Outcome of RIA II

4201956 .1	CO1	To be able to recollect and review the work done of the topic of interest selected in the previous semester to enhance knowledge & personal skill by listening, memorizing, and improving cognitive abilities. And to know the significance of research in architecture and ethical practices in Research
4201956 .2	CO2	To develop understanding for various aspects of research in summarizing, categorizing, comparing, and inferring its value of association with different fields by delimiting the scope of research
4201956 .3	CO3	To apply various methods of data collection and prepare and articulate the information collected
4201956 .4	CO4	Analyze To organize, appraise and explain the various parameters of research correlating them with diverse domain
4201956 .5	CO5	Evaluate To be able to validate, comment, review or criticize various parameters of research topics
4201956 .6	CO6	Create The course will facilitate to compose, write and formulate the research paper for their pilot project





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Course Outcome and its Relation to program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	3	1	3
2	1	3	1	1	2	3	3	1
3	1	3	3	2	2	1	3	1
4	3	3	1	1	1	3	3	1
5	1	1	3	3	1	1	1	3
6	1	1	1	1	3	1	3	3
CO 4201956 Target	1.67	2.33	1.67	1.50	1.67	2.00	2.33	2.00

(CIE+SEE Avg Attainment) *Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	2.17	2.17	0.72	0.72	0.72	2.17	0.72	2.17
2	0.72	2.17	0.72	0.72	1.45	2.17	2.17	0.72
3	0.72	2.17	2.17	1.45	1.45	0.72	2.17	0.72
4	2.17	2.17	0.72	0.72	0.72	2.17	2.17	0.72
5	0.72	0.72	2.17	2.17	0.72	0.72	0.72	2.17
6	0.72	0.72	0.72	0.72	2.17	0.72	2.17	2.17
CO 4201956 Target	1.21	1.69	1.21	1.09	1.21	1.45	1.69	1.45



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CIE and SEE Table

4201956 (SS)	Research in Architecture II								
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201956 .1	NIL	NIL	NIL	NIL	NIL	NIL	0.0	77.9	46.8
4201956 .2	NIL	5.3	29.3	NIL	NIL	NIL	17.3	77.9	53.7
4201956 .3	NIL	41.3	41.3	NIL	NIL	NIL	41.3	77.9	63.3
4201956 .4	NIL	64.0	77.3	NIL	NIL	NIL	70.7	77.9	75.0
4201956 .5	NIL	74.0	NIL	NIL	NIL	NIL	74.0	77.9	76.4
4201956 .6	NIL	NIL	NIL	NIL	NIL	NIL	0.0	77.9	46.8

Average CO Attainment = 72.4





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SEE

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Dr. Prajakta Baste, Prof. Vinit Bobade, Prof. Hemant Thakare, Prof. Tejaswini Patil	Maximum Marks:	50 (SS)	
Name of Subject:	Research in Architecture II	Class & Div:	4th Yr B. Arch (Div A & B)	Weight (in %):		
Subject Code:	4201556 [SS]	Academic Year:	2022-23			
University Evaluation						
1. Set Target for A.Y. 2022-23						
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2019-20)	AY:2020-21(2015PAT)	Mean Marks	30.11		Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2021-22(2019PAT)	Mean Marks	31.68		
				30.90		
Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)				30.90	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)				26.40	
	Is b>a (Yes or No)				N	(Weight* Avg.)
	If No: Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				75	
	d. No. Students Appeared				68	
	e. No. Students Above Actual Avg Marks (a)				53	
	f. % Above Actual Avg Marks =[(e*100)/d]				77.94	
	Average SEE Attainment in %				77.94	
Level of CO Attainment through University Examination			Above 50%-	Attainment Level-1	3	
			Above 60%-	Attainment Level-2		
			Above 70%-	Attainment Level-3		
g. No. Students Fail				16		
h. No. Students Pass				52		



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PO SUMMARY

QUANTITY SURVEYING & SPECIFICATION WRITING I

Course Outcome (CO)		
Course Outcome	CO Statement	Bloom's Taxonomy Level
4201958.1	The student should be able to define various terminologies, importance of subject and how it is useful in practice.	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
4201958.2	Student should be able to explain various aspects of topic and relate it with market practise.	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
4201958.3	Student should be able to apply the acquired knowledge to solve the problem given.	3. Applying: Carrying out or using a procedure for executing, or implementing.
4201958.4	Student should be able to compare various methods.	4. Analyzing: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing and attributing.
4201958.5	The student should able to explain the process	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods is the way to solve a given problem.





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Course Outcomes and its relation to Program Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	0	0	0	3	0
2	3	3	0	0	0	0	3	0
3	3	3	0	0	1	0	3	0
4	3	3	0	0	3	0	3	0
5	3	3	0	0	3	0	3	0
CO 4201958 TARGET	3	3	0	0	1.75	0	3	0

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	3	3	1	0	0	0	3	0
	3	3	1	0	0	0	3	0
	3	3	1	0	0	0	3	0
	3	3	0	0	0	0	3	0
	3	3	0	0	3	0	3	0
PO 4201958 Attainment	3	3	0.6	0	0.6	0	3	0





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CIE & SEE TABLE:

4201958 (PP)	Quantity Surveying And Estimation - I								
CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201958 .1								65.2	73.8
4201958 .1								65.2	73.8
4201958.3								65.2	73.8
4201958 .4								65.2	73.8
4201958 .5								65.2	73.8

Average CO Attainment= 73.8





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Ashish Khemnar, Prof. Ashwini Bhusare	Maximum Marks:	PP-100	
Name of Subject:	Quantity Surveying And Estimation - I	Class & Div:	4TH Y B ARCH A @ B	Weight (in %):	33	
Subject Code:	4201958 (PP)	Academic Year:	2022-2023		0.66	
University Evaluation						
1. Set Target for A.Y. 2022-2023					30	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2021-22(2019PAT)	Mean Marks	78.30	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)		AY:2020-21(2015PAT)	Mean Marks	87.51	
					82.91	
Current Academic Year (CAY) 2022-2023	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)				82.91	(Weight* Avg.) 1.98
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2021-22)				87.51	
	Is b>a (Yes or No)				y	
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				72	
	d. No. Students Appeared				69	
	e. No. Students Above Actual Avg Marks (a)				45	
	f. % Above Actual Avg Marks =[(e*100)/d]				65.22	
	Average SEE Attainment in %				65.22	
Level of CO Attainment through University Examination			0-30	Attainment Level-1		
			30-60	Attainment Level-2	3	
			Above 60	Attainment Level-3		
g. No. Students Fail				11		
h. No. Students Pass				58		
i. % of Passing (= [(h*100)/d])				84.06		



MVP S COLLEGE OF ARCHITECTURE
ACADEMIC YEAR 2022-23
FOURTH YEAR ARCHITECTURE SEM - VII
SUBJECT NAME - Professional Practice SUBJECT CODE : 4201959(PP)

Lecture No	Topic	Topic hrs	Media	CO Code	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	Introduction to Syllabus, profession, practice through discussions	45min	Presentation (PPT) White board and marker	CO1	The course will enable students to know the architectural practice in india and abroad	CO1							
2	To understand the difference between - Trade, business, & profession	45min	Presentation (PPT) White board and marker	CO2	Students will understand the various factors , which differ in Trade, business and profession types and	CO2	CO2						
3	To analyse & apply knowledge about business, profession & trading through examples	45min	Presentation (PPT) White board and marker	CO3	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions .through groups discussing cases in class	CO3	CO3	CO3					
4	To discuss through cases, Application of terms of profession, trading, & business through cases and examples	45min	Presentation (PPT) White board and marker	CO4	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions .through groups discussing cases in class		CO4	CO4					
5	To understand and analyse location , spaces & planning Architects office set up	45min	Presentation (PPT) White board and marker	CO4	Students will be able to analyse various case studies of offices from efficient planning and design perspective.		CO4	CO4					
6	To understand and apply the Stages of fees and its percentage	45min	Presentation (PPT) White board and marker	CO3	Students will be able to analyse various case studies of residential , commercial, public, land, proposals and its stages of remuneration and its fees		CO3	CO3					
7	To introduce & understand scales of fees for different professional work	45min	Presentation (PPT) White board and marker	CO1	Students will be able to compare different types of proposals and its fee structure	CO1							
8	To introduce & understand duties of Architect as per COA	45min	Presentation (PPT) White board and marker	CO1	The course will enable students to know the context of architectural responsibilities of profession, with respect to rules by COA	CO1							
9	To introduce & understand Architectural competitions	45min	Presentation (PPT) White board and marker	CO1	The course will enable students to know the architectural competitions- types, scope, rules, awards.	CO1							
10	Introduction & to understand to Architects Act 1972	45min	Presentation (PPT) White board and marker	CO1	The course will enable students to know Architects Act 1972-its scope .	CO1							
11	To understand Code of conduct as per COA	45min	Presentation (PPT) White board and marker	CO1	The course prepares students to know the rules, ethics of practice in india as laid down by COA.	CO1							
12	To learn & understand different professional bodies. Like IIA, ISOLA, COA etc	45min	Presentation (PPT) White board and marker	CO1	The course should prepare the students to know different professional bodies in india its scope of work & .eligibility for registration to it.	CO1							
13	to understand & learn Arbitration and Valuation & methods of Arbitration and valuation	45min	Presentation (PPT) White board and marker	CO2	The course should prepare the students to know valuation of properties, its methods, and application.	CO2	CO2	CO2					
14	To understand Account systems in office, and different Taxes like Professional tax, service tax, etc	45min	Presentation (PPT) White board and marker	CO2	Students will be able to know the methods of accounting , records keeping , and different taxations in india	CO2	CO2	CO2					
15	To understand & learn report writing, letter writings for Architecture Technical communication in office management	45min	Presentation (PPT) White board and marker	CO2	Students will know the different ways of communications for efficient running of offices and professions.	CO2							
16	To discuss and analyse and take review overall profession of Architect & office	45min	Presentation (PPT) White board and marker	CO4	Students will have overall review of the profession and its office set up.			CO5	CO5				

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Lecture No	Topic	Topic hrs	Media	CO Code	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	Introduction to Syllabus, profession, practice through discussions	45min	Individual discussion	CO1	The course will enable students to know the architectural practice in india and abroad	CO1	CO1						
2	Introduction to Syllabus, profession, practice through discussions	45min	Individual discussion	CO1	The course will enable students to know the architectural practice in india and abroad	CO1	CO1						
3	To understand the difference between - Trade, business, & profession	45min	Individual discussion	CO2	Students will understand the various factors , which differ in Trade, business and profession types and	CO2	CO2	CO2					
4	To understand the difference between - Trade, business, & profession	45min	Individual discussion	CO2	Students will understand the various factors , which differ in Trade, business and profession types and	CO2	CO2	CO2					
5	To apply knowledge about business, profession & trading through examples	45min	Individual discussion	CO3	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions ..through groups discussing cases in class	CO3	CO3	CO3	CO3				
6	To apply knowledge about business, profession & trading through examples	45min	Individual discussion	CO3	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions ..through groups discussing cases in class	CO3	CO3	CO3	CO3				
7	To discuss through cases, Application of terms of profession, trading, & business through cases and examples	45min	Individual discussion	CO4	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions ..through groups discussing cases in class			CO4	CO4				
8	To discuss through cases, Application of terms of profession, trading, & business through cases and examples	45min	Individual discussion	CO4	Students will be able to apply the knowledge gained from studying different types of tradings, businesses, and professions ..through groups discussing cases in class			CO4	CO4				
9	To understand and analyse location , spaces & planning Architects office set up	45min	Individual discussion	CO4	Students will be able to analyse various case studies of offices from efficient planning and design perspective.			CO4	CO4				
10	To understand and analyse location , spaces & planning Architects office set up	45min	Individual discussion	CO4	Students will be able to analyse various case studies of offices from efficient planning and design perspective.			CO4	CO4				
11	To understand and apply the Stages of fees and its percentage	45min	Individual discussion	CO3	Students will be able to analyse various case studies of residential , commercial, public, land, proposals and its stages of remuneration and its fees		CO3	CO3	CO3				
12	To understand and apply the Stages of fees and its percentage	45min	Individual discussion	CO3	Students will be able to analyse various case studies of residential , commercial, public, land, proposals and its stages of remuneration and its fees		CO3	CO3	CO3				
13	To introduce & understand scales of fees for different professional work	45min	Individual discussion	CO1	Students will be able to compare different types of proposals and its fee structure	CO1	CO1						
14	To introduce & understand scales of fees for different professional work	45min	Individual discussion	CO1	Students will be able to compare different types of proposals and its fee structure	CO1	CO1						
				CO1	The course will enable students to know the context of architectural responsibilities of profession, with respect to COA	CO1	CO1						
				CO1	The course will enable students to know the context of architectural responsibilities of profession, with respect to rules by COA	CO1	CO1						
				CO1	The course will enable students to know the architectural competitions- types, scope, rules, awards.	CO1	CO1						
				CO1	The course will enable students to know the architectural competitions- types, scope, rules, awards.	CO1	CO1						

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19	Introduction & to understand to Architects Act 1972	45min	Individual discussion	CO1	The course will enable students to know Architects Act 1972-its scope.	CO1	CO1				
20	Introduction & to understand to Architects Act 1972	45min	Individual discussion	CO1	The course will enable students to know Architects Act 1972-its scope.	CO1	CO1				
21	To understand Code of conduct as per COA	45min	Individual discussion	CO1	The course prepares students to know the rules, ethics of practice in india as laid down by COA.	CO1	CO1				
22	To understand Code of conduct as per COA	45min	Individual discussion	CO1	The course prepares students to know the rules, ethics of practice in india as laid down by COA.	CO1	CO1				
23	To learn & understand different professional bodies. Like IIA, ISOLA, COA etc	45min	Individual discussion	CO1	The course should prepare the students to know different professional bodies in india its scope of work & eligibility for registration to it.	CO1	CO1				
24	To learn & understand different professional bodies. Like IIA, ISOLA, COA etc	45min	Individual discussion	CO1	The course should prepare the students to know different professional bodies in india its scope of work & eligibility for registration to it.	CO1	CO1				
25	to understand & learn Valuation & methods of valuation	45min	Individual discussion	CO2	The course should prepare the students to know valuation of properties, its methods, and application.	CO2	CO2				
26	to understand & learn Valuation & methods of valuation	45min	Individual discussion	CO2	The course should prepare the students to know valuation of properties, its methods, and application.	CO2	CO2				
27	To understand Account systems in office, and different taxes eg. professional tax, service tax, etc	45min	Individual discussion	CO2	Students will be able to know the methods of accounting, records keeping, and different taxations in india	CO2	CO2				
28	To understand Account systems in office, and different taxes eg. professional tax, service tax, etc	45min	Individual discussion	CO2	Students will be able to know the methods of accounting, records keeping, and different taxations in india	CO2	CO2				
29	to understand & learn report writing, letter writings for technical communication in office management	45min	Individual discussion	CO2	Students will know the different ways of communications for efficient running of offices and professions.	CO2	CO2				
30	to understand & learn report writing, letter writings for technical communication in office management	45min	Individual discussion	CO2	Students will know the different ways of communications for efficient running of offices and professions.	CO2	CO2				
31	To discuss and analyse and take review overall profession of Architect & office	45min	Individual discussion	CO4	Students will have overall review of the profession and its office set up.	CO5	CO5				
32	To discuss and analyse and take review overall profession of Architect & office	45min	Individual discussion	CO4	Students will have overall review of the profession and its office set up.	CO5	CO5				



Number of Lectures	4	15	17	26	27	15	15	0
% of Lectures	8.333	31.25	35.42	54.17	56.25	31.25	31.25	0
PO Mapping Level	1	2	2	2	2	2	2	--

Number of Lectures for CO	PO1			PO2			PO3			PO4			PO5			PO6			PO7			PO8		
	CONo	NL	%	ML	NL	%	ML	NL	%	ML	NL	%	ML	NL	%	ML	NL	%	ML	NL	%	ML	NL	%
21	1	21	100	3	21	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	0	0	0	12	100	3	12	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	3	0	0	0	6	100	3	6	100	3	6	100	3	0	0	0	0	0	0	0	0	0	0	0
9	4	0	0	0	0	0	0	6	66.67	3	6	66.67	3	0	0	0	0	0	0	0	0	0	0	0
0	5	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0
0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	15	3	0	100	3	0	0

NL = Number of Lectures

ML = Mapped Lectures

Mapping Level = 1 if % are 0-30

Mapping Level = 2 if % are 31-60

Mapping Level = 3 if % are 61-100

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	0	0	0	0	0	0
2	0	3	3	0	0	0	0	0
3	0	3	3	0	0	0	0	0
4	0	0	3	3	0	0	0	0
5	0	0	0	3	3	0	0	0
6	0	0	0	0	3	3	3	0
CO 4201959 TARGET	0.5	1.5	1.5	1.5	1	0.5	0.5	0

(CIE+SEE Avg Attainment)*Map Value of CO-PO /

3	1.96	0	0	0	0	0	0	0
0	1.96	1.96	0	0	0	0	0	0
0	1.96	1.96	1.96	0	0	0	0	0
0	0	1.96	1.96	0	0	0	0	0
0	0	0	1.96	1.96	0	0	0	0
PO 4201959 Attainment	0.392	1.176	1.176	1.176	0.392	0	0	0



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CO Attainment University Examination				
Department: B. Arch.	Name of Teacher: Sheetal Chougale	Maximum Marks: 100		
Name of Subject: PP	Class & Div: Fourth Year A & B	Weight (in %): 30	0	
Subject Code: 4201959(PP)	Academic Year: 2022-23	0.3		
University Evaluation				
I. Set Target for A.Y. 2022-23		55		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22(201SPAT)	Mean Marks	
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2020-21(201SPAT)	Mean Marks	
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)		87.67	
	Is b>a (Yes or No)		54.05	
	If No:Set and submit action plan for all CO		No	
	If Yes			
	c. No. Students On Roll#		74	
	d. No. Students Appeared		71	
	e. No. Students Above Actual Avg. Marks (a)		0	
	f. % Above Actual Avg Marks = [(e*100)/d]		0.00	
	Average SEE Attainment in %		0.00	
	Level of CO Attainment through University Examination	0-30	Attainment Level-1	
		30-60	Attainment Level-2	1
		Above 60	Attainment Level-3	
g. No. Students Fail		15		
h. No. Students Pass		59		
i. % of Passing (= [(h*100)/d])		83.10		
			(Weight* Avg.)	
			0.3	
			Attainment	





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PO SUMMARY

ARCHITECTURAL DESIGN VII

COURSE OUTCOME ARCHITECTURAL DESIGN VII

4201960.1	CO 1	The student is able to identify the various features involved in the urban fabric in terms of typology, area, function and context.
4201960.2	CO 2	The student to understand and analyze a location in an urban context, preferably in a different socio-cultural-economic setting than that of the institute and document the study.
4201960.3	CO 3	The student is able to apply the various issues studied in the urban context to the design of a master plan and architectural design with reference to the context.
4201960.4	CO 4	The student is able to survey, classify and examine different features of the city and their roles, and find the lacuna in the area under study.
4201960.5	CO 5	The student is able to inculcate an analytical thinking about the nature of spaces and the issues faced at the urban level and apply the same.
4201960.6	CO 6	The student is able to design or create a master plan and an architectural design with the various issues studied in the urban context like services, aesthetics, Rules, traffic regulations, and site and context.





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Course outcome and its relation to program outcome :

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	3	3	3
2	3	1	3	3	1	3	3	2
3	3	1	3	3	2	3	3	2
4	3	2	3	3	2	3	3	2
5	3	1	3	3	1	3	3	1
6	3	1	3	3	1	3	3	3
CO 4201960 TARGET	3.00	1.50	3.00	3.00	1.67	3.00	3.00	2.17

(CIE+SEE Avg Attainment) *Map Value of CO-PO / 3	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04
	2.04	0.68	2.04	2.04	0.68	2.04	2.04	1.36
	2.04	0.68	2.04	2.04	1.36	2.04	2.04	1.36
	2.04	1.36	2.04	2.04	1.36	2.04	2.04	1.36
	2.04	0.68	2.04	2.04	0.68	2.04	2.04	0.68
	2.04	0.68	2.04	2.04	0.68	2.04	2.04	2.04
PO 4201960 Attainment	2.04	1.02	2.04	2.04	1.13	2.04	2.04	1.47

2201917	Architectural Design VII					
CO Code	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
4201953.1	65.8		-	65.82	72.6	69.9
4201953.2	67.1		-	67.09	72.6	70.4
4201953.3	63.3		67.1	65.19	72.6	69.6
4201953.4	69.6		67.1	68.35	72.6	70.9
4201953.5	-		65.8	65.82	72.6	69.9
4201953.6	69.6	-	65.8	67.72	72.6	70.7

Average CO Attainment = 70.20





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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	AN, SR,VP, SW	Maximum Marks:	SV - 300	
Name of Subject:	Architectural DESIGN- 7	Class & Div:	Fourth Year A & B	Weight (in %):	60	
Subject Code:	4201960 (SV)	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					180	
					SS	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2017-18)	AY:2017-18(2015PAT)	Mean Marks	180.00		Attainment
	Current Academic Year Minus 2 (CAYm2): (2016-17)	AY:2016-17(2015PAT)	Mean Marks			
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2018-19 (Average Marks for Last two years)			180.00		(Weight* Avg.) 1.8
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2018-19)			161.23		
	Is b>a (Yes or No)			Y		
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#			79		
	d. No. Students Appeared			73		
	e. No. Students Above Actual Avg Marks (a)			53		
	f. % Above Actual Avg Marks =[(e*100)/d]			72.60		
	Average SEE Attainment in %			72.60		
Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1		3	
		Above 60%-	Attainment Level-2			
		Above 70%-	Attainment Level-3			
g. No. Students Fail			2			
h. No. Students Pass			73			
i. % of Passing (= [(h*100)/d])			100.00			



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(Approved by:- Council of Architecture, New Delhi and Gov. of Maharashtra.
Affiliated to University of Pune (id.No.PU/NS/AC/035[1989])



Ref. No.: 358-1 / 2022-23

Date: 12/09 / 2022

Principal : Dr. Prajakta S. Baste

Bachelor of Architecture
Teaching Staff List
A.Y 2022 - 23

Sr No.	Name	Designation
1	Dr.Prajakta Shailesh Baste	Principal
2	Ar.Arpita Amitabha Bhatt	Professor
3	Ar. Vijaykumar Balasaheb Pawar	Professor
4	Ar. Umesh Raghunath Hirawe	Associate Professor
5	Ar. Suruchi Ashish Ranadive	Associate Professor
6	Ar. Ashish Ramdas Khemnar	Associate Professor
7	Ar. Abhishek Prabhakar Nasikakar	Associate Professor
8	Ar. Geetanjali Shrikant Patil	Associate Professor
9	Ar. Megha Hemant Butte	Associate Professor
10	Ar. Purva Harish Shah	Assistant Professor
11	Ar. Sharmishtha Nitin Surajiwale	Assistant Professor
12	Ar. Ketaki Parag Manolkar	Assistant Professor
13	Ar. Ankita Nitin Nikam	Assistant Professor
14	Ar. Hemant Balkrishna Thakare	Assistant Professor
15	Ar. Gaurav Dilip Arbooj	Assistant Professor
16	Ar. Niketa Nikhil Kothavale	Assistant Professor
17	Ar. Manisha Parshuram Rajole	Assistant Professor
18	Ar. Sheetal Vasant Chougule	Assistant Professor
19	Ar. Vinit Vivek Bobade	Assistant Professor
20	Ar. Tejaswini Devendra Marode	Assistant Professor
21	Ar. Sachin Suryabhan Waje	Assistant Professor
22	Ar. Radhika Ronak Bhattad	Assistant Professor
23	Er. Ashwini Dinkar Bhusare	Assistant Professor
24	Mr. Levant Ganpat Gavande	Assistant Professor (Allied)
25	Ar. Sayli Girish Gogte	Assistant Professor (Allied)
26	Ar. Isha Rane Raundal	Assistant Professor
27	Ar. Nitesh Rajendra Patil	Assistant Professor
28	Mr. Sankalp Gorakh Bagul	Assistant Professor
29	Er. Anil Uttamrao Thombare	Assistant Professor (Allied)

Prajakta
Principal

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PO SUMMARY

ABCS-II

COURSE OUTCOMES- ABCS-II

4201961.1	CO1	To find out difference between regular and advanced construction techniques involved by recalling the previous knowledge. They should be able to select appropriate technology.
4201961.2	CO2	Student should be able to understand and compare various construction techniques and services involved.
4201961.3	CO3	Student should be able to apply the acquired knowledge to solve the various issues related to advanced construction technology and services.
4201961.4	CO4	Student should be able to analyse data (materials, products) available locally and internationally through survey and market study.
4201961.5	CO5	Student should be able to justify the method selected to solve the problem.
4201961.5	CO6	The student should be able to propose proper construction technique to improve the design.

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COURSE OUTCOME AND ITS RELATED PROGRAM OUTCOME

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	2	2	3	1	3	1
2	3	2	3	3	3	1	2	3
3	3	2	3	3	3	3	2	1
4	3	3	2	3	3	1	3	3
5	1	3	3	3	3	1	3	3
6	3	1	3	1	2	3	2	3
CO -4201563 TARGET	2.6667	2.3333	2.6667	2.5	2.5	2	2.1667	2.3333
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.51	1.51	1.0067	1.0067	1.51	0.5033	1.51	0.5033
	1.51	1.0067	1.51	1.51	1.51	0.5033	1.0067	1.51
	1.51	1.0067	1.51	1.51	1.51	1.51	1.0067	0.5033
	1.51	1.51	1.0067	1.51	1.51	0.5033	1.51	1.51
	0.5033	1.51	1.51	1.51	0.5033	1.51	0.5033	1.51
	1.51	0.5033	1.51	0.5033	1.0067	1.51	1.0067	1.51
PO-4201563 Attainment	1.3422	1.1744	1.3422	1.2583	1.2583	1.0067	1.0906	1.1744

CIE AND SEE TABLE

4201961 (SV) ADVANCED BUILDING CONSTRUCTION AND SERVICES-II									
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201961.1			56.5	69.6			63.04	47.8	53.9
4201961.2			63.0	50.7			56.88	47.8	51.4
4201961.3		62.9					62.94	47.8	53.9
4201961.4			57.7	51.7			54.71	47.8	50.6
4201961.5		56.5					56.52	47.8	51.3
4201961.6		60.9					60.87	47.8	53.0

AVERAGE CO ATTAINMENT= 52.4





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SEE

MVPS's College of Architecture, Nashik		CO Attainment University Examination			
Department	B. Arch.	Name of Teacher	VJAY PAWAR		
Name of Subject	ADVANCED BUILDING CONSTRUCTION AND SERVICES-I	Class & Div	FOURTH YR B ARCH		
Subject Code	4201961 (SV)	Academic Year	2022-23		
University Evaluation		Maximum Marks	SV - 150		
		Weight (in %)	120		
			0.6		
1. Set Target for A.Y. 2021-22		TH	30		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22 (2015PAT)	Mean Marks	107.62	Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2020-21 (2015PAT)	Mean Marks	121.61	
Current Academic Year (CAY) 2021-22	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			114.62	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			84.72	(Weight* Avg.)
	Is b>a (Yes or No)			N	
	IF No: Set and submit action plan for all CO				
	IF Yes				
	c. No. Students On Roll#			69	
	d. No. Students Appeared			69	
	e. No. Students Above Actual Avg Marks (a)			33	
	f. % Above Actual Avg Marks = [(e*100)/d]			47.83	
	Average SEE Attainment in %			47.83	
Level of CO Attainment through University Examination		0-30	Attainment Level-1		
		30-60	Attainment Level-2		
		Above 60	Attainment Level-3		
g. No. Students Fail				16	
h. No. Students Pass				56	
i. % of Passing = [(h*100)/d]				81.16	

2 ATTESTED

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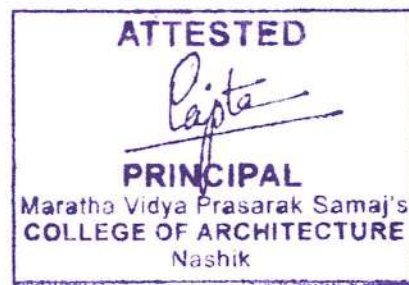
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PO SUMMARY

Urban Studies – II

Course Outcomes for Urban Studies – II

4201962.1	CO 1	The course will enable students to relate to the process of urban planning and urban design from the point of view of various urban issues like urban economics, transportation, people centric designs etc.
4201962.2	CO 2	Students will differentiate between urban planning and urban design and understand the process of both disciplines for its wider applicability.
4201962.3	CO 3	Students will be able to apply the knowledge of urban design to conduct various surveys to identify urban issues.
4201962.4	CO 4	The course will make students to analyze various the data collected through surveys for various urban issues.
4201962.5	CO 5	Students will be able to compare and evaluate the data collected through surveys for resolving the urban issues identified
4201962.6	CO 6	Students will be able to compare and evaluate the data collected through surveys for resolving the urban issues identified





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Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	2	3	1	2	1	2
2	3	3	2	3	3	1	3	3
3	3	3	3	1	3	3	3	1
4	3	1	3	3	1	3	3	3
5	3	3	2	3	2	3	3	2
6	2	2	2	0	2	2	0	2
CO 4201915 TARGET	2.8	2.5	2.3	2.2	2.0	2.3	2.2	2.2
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.7	1.7	1.133	1.7	0.567	1.133	0.567	1.133
	1.7	1.7	1.133	1.7	1.7	0.567	1.7	1.7
	1.7	1.7	1.7	0.567	1.7	1.7	1.7	0.567
	1.7	0.567	1.7	1.7	0.567	1.7	1.7	1.7
	1.7	1.7	1.133	1.7	1.133	1.7	1.7	1.133
	1.133	1.133	1.133	0	1.133	1.133	0	1.133
PO 4201915 Attainment	1.6	1.4	1.3	1.2	1.1	1.3	1.2	1.2



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CIE & SEE TABLE:

M309		URBAN STUDIES II						
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
4201962.1		81.2				81.16	42.0	57.7
4201962.2	81.2	84.1				82.61	42.0	58.3
4201962.3	84.1		79.7			81.88	42.0	58.0
4201962.4		85.5	82.6		81.9	83.33	42.0	58.6
4201962.5	85.5	84.1	84.1		82.6	84.06	42.0	58.8
4201962.6	84.1	84.1	41.3			69.81	42.0	53.1

Average CO Attainment = 57.4

SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Radhika Bhattad	Maximum Marks:	100	
Name of Subject:	URBAN STUDIES II	Class & Div:	Fr. Y. B. ARCH	Weight (in %):	60	
Subject Code:	4201962 [SS]	Academic Year:	2022-23		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2019-20(2019PAT)	Mean Marks	NA	Attainment



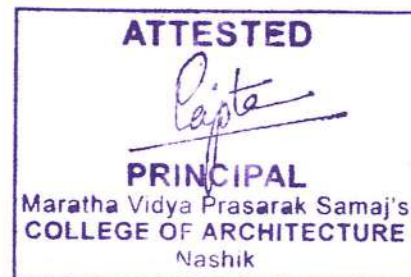


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	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2018-19(2015PAT)	Mean Marks	NA	
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2020-21 (Average Marks for Last two years)				
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			26.13	(Weight* Avg.)
				26.13	
	Is b>a (Yes or No)			No	
	If No:Set and submit action plan for all CO				
	If Yes				1.2
	c. No. Students On Roll#			69	
	d. No. Students Appeared			69	
	e. No. Students Above Actual Avg Marks (a)			29	
	f. % Above Actual Avg Marks =[(e*100)/d]			42.03	
	Average SEE Attainment in %			42.03	
	Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	1	
		Above 60%-	Attainment Level-2		
		Above 70%-	Attainment Level-3		
g. No. Students Fail			0		
h. No. Students Pass			69		
i. % of Passing (= [(h*100)/d])			100		





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PO SUMMARY

QUANTITY SURVEYING & SPECIFICATION WRITING II

Course Outcome (CO)		
Course Outcome	CO Statement	Bloom's Taxonomy Level
4201965.1	The student should be able to define various terminologies, importance of subject and how it is useful in practice.	1. Remembering: Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
4201965.2	Student should be able to explain various aspects of topic and relate it with market practise.	2. Understanding: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
4201965.3	Student should be able to apply the acquired knowledge to solve the problem given.	3. Applying: Carrying out or using a procedure for executing, or implementing.
4201965.4	Student should be able to compare various methods.	4. Analyzing: Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing and attributing.
4201965.5	The student should able to explain the process	5. Evaluating: Make judgments based on criteria and standards (e.g., detect inconsistencies or fallacies within a process, determine whether the conclusions follow from observed data, judge which of two methods is the way to solve a given problem.





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Course Outcomes and its relation to Program Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	0	0	0	3	0
2	3	3	0	0	0	0	3	0
3	3	3	0	0	1	0	3	0
4	3	3	0	0	3	0	3	0
5	3	3	0	0	3	0	3	0

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3								
	1.2	1.2	0.4	0	0	0	1.2	0
	1.2	1.2	0	0	0	0	1.2	0
	1.2	1.2	0	0	0.4	0	1.2	0
	1.2	1.2	0	0	1.2	0	1.2	0
	1.2	1.2	0	0	1.2	0	1.2	0
PO 4201965 Attainment	1.2	1.2	0.08	0	0.56	0	1.2	0





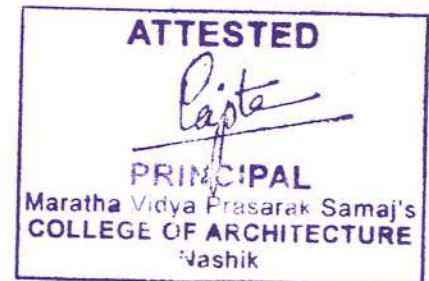
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CIE & SEE TABLE:

4201965 (PP)	Quantity Surveying And Estimation - II								
CO Code	Practical	Assignment (Graphical)	Assignment(Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201965 .1	NA	NA	NA	NA	NA	NA	NA	60.9	78.2
4201965 .2	NA	NA	NA	NA	NA	NA	NA	60.9	78.2
4201965 .3	NA	NA	NA	NA	NA	NA	NA	60.9	78.2
4201965 .4	NA	NA	NA	NA	NA	NA	NA	60.9	78.2
201965.5	NA	NA	NA	NA	NA	NA	NA	60.9	78.2

Average CO Attainment= 78.2





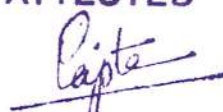
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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Ashish Khemnar	Maximum Marks:	PP-100	
Name of Subject:	Quantity Surveying And Estimation - II	Class & Div:	4TH Y B ARCH A @ B	Weight (in %):	33	
Subject Code:	4201965 (PP)	Academic Year:	2022-23		0.66	
University Evaluation						
1. Set Target for A.Y. 2022-23					30	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22(2019PAT)	Mean Marks	60.10		Attainment
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2020-21(2015PAT)	Mean Marks	58.50		
				59.30		
	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			59.30		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2021-2022)			67.77		
				67.77		
	Is b>a (Yes or No)			Y		
	If No:Set and submit action plan for all CO					(Weight* Avg.)
	If Yes					1.32
Current Academic Year (CAY) 2022-23	c. No. Students On Roll#			74		
	d. No. Students Appeared			69		
	e. No. Students Above Actual Avg Marks (a)			42		
	f. % Above Actual Avg Marks =[(e*100)/d]			60.87		
	Average SEE Attainment in %			60.87		
	Level of CO Attainment through University Examination			0-30	Attainment Level-1	
				30-60	Attainment Level-2	2
				Above 60	Attainment Level-3	
	g. No. Students Fail			8		
	h. No. Students Pass			61		
i. % of Passing (= [(h*100)/d])			88.41			



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PO SUMMARY
Project Management

Course Outcomes for Project Management

4201966 .1	CO1	The course will enable students to know the topic of Project management
4201966 .2	CO2	Students will understand the various factors , which differ in various types of tenders
4201966 .3	CO3	Students will be able to apply the knowledge gained from studying different types of tenders and contract through groups discussing cases in class
4201966 .4	CO4	Students will be able to apply the knowledge gained from studying different types of knowledge areas and project phases through groups discussing cases in class
4201966 .5	CO5	Students will know the importance and his role as a Project Manager.

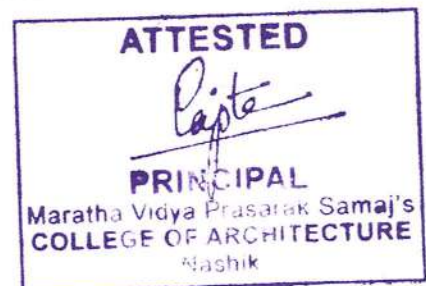
Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	0	0	0	0	0	0
2	0	3	3	0	0	0	0	0
3	0	3	3	3	0	0	0	0
4	0	0	3	3	0	0	0	0
5	0	0	0	3	3	0	0	0
6	0	0	0	0	3	3	3	0
CO 4201966 TARGET	0.5	1.5	1.5	1.5	1	0.5	0.5	0
(CIE+SEE Avg Attainment)*Ma p Value of CO-PO / 3	2.89	2.89	0	0	0	0	0	0
	0	2.89	2.89	0	0	0	0	0
	0	2.89	2.89	2.89	0	0	0	0
	0	0	2.89	2.89	0	0	0	0
	0	0	0	2.89	2.89	0	0	0
PO 4201966 Attainment	0.578	1.734	1.734	1.734	0.578	0	0	0



SEE:

MVPS's S.P. College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Sheetal Chougule	Maximum Marks:	100	
Name of Subject:	PM	Class & Div:	Fourth Year A & B	Weight (in %):	55	
Subject Code:	4201966 (PM)	Academic Year:	2022-23		0.55	
University Evaluation						Attainment
1. Set Target for A.Y. 2022-23					55	
					SS	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)		AY:2021-22(2019PAT)	Mean Marks	52.63	
	Current Academic Year Minus 2 (CAYm2): (2020-21)		AY:2020-21(2019PAT)	Mean Marks	62.25	
Current Academic Year (CAY) 2020-21	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				57.44	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)					(Weight* Avg.)
					60.50	
	Is b>a (Yes or No)				Yes	
	If No: Set and submit action plan for all CO					
	If Yes					0.55
	c. No. Students On Roll#				89	
	d. No. Students Appeared				89	
	e. No. Students Above Actual Avg Marks (a)				45	
	f. % Above Actual Avg Marks = [(e*100)/d]				50.56	
	Average SEE Attainment in %				50.56	
	Level of CO Attainment through University Examination		Above 50%-	Attainment Level-1	1	
			Above 60%-	Attainment Level-2		
		Above 70%-	Attainment Level-3			
g. No. Students Fail				0		
h. No. Students Pass				89		
i. % of Passing (= [(h*100)/d])				100.00		



CIE & SEE TABLE:

4201966		Project Management							
CO Code	Prac tical	Assign ment (Writt en)	Assign ment (Graph ical)	Visit	Trai ning	Proj ect	CIE Attai n	SEE	CO Attain ment
4201966.1								50.6	50.6
4201966.2								50.6	50.6
4201966.3								50.6	50.6
4201966.4								50.6	50.6
4201966.5								50.6	50.6
4201966.6								50.6	50.6
							Average CO Attainment		50.6





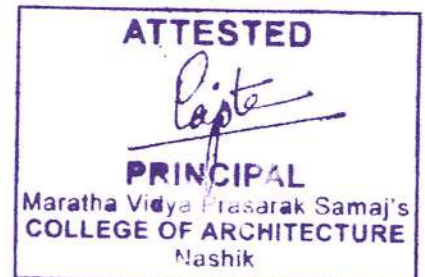
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Course Information Sheet

Subject – Architectural Design Project

Class: Fifth Year

Academic Year: 2022-2023





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Course Outcome

Course Name: Architectural Design Project

Course Code: 5201571 (SV)

Lecture No	Topic	CO Code	CO
1	Introduction to subject, scope and challenges	co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		Co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
2	Deciding topic and writing design brief	co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements



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		co5	To decide topic by comparing,criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing,criticizing
3	Case Study identification	co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
4	Doing case study	co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
5	Presentation of case study	co1	To describe the observations





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		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
6	Site selection	co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
7	Site selection	co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
8	Concept and Idea generation	co1	To recall ,remember various theories in architecture





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		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
9	Concept and Idea generation	co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters



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		co6	To design basic block to represent the ideas
10	single line plan	co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
11	Block Model	co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades



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		co6	To express the idea through model
12	Presentation of single line plan and concept	co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
13	Developing individual area	co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
14	Relevance of landscape and services	co2	To understand the importance of landscape and services



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		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
15	Comprehensive thinking of project w.r.t all concerns	co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.





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		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
16	Double line plan	co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
17	Double line plan	co3	To develop the idea by applying the knowledge in planning, space making, construction and services



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		co5	To evaluate the plans , sections, elevations for various factors
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
18	Working details	co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output




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		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge acquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge acquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge acquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
19	Presentation	co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
	STUDIO		
1	Introduction to subject, scope and challenges	co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects



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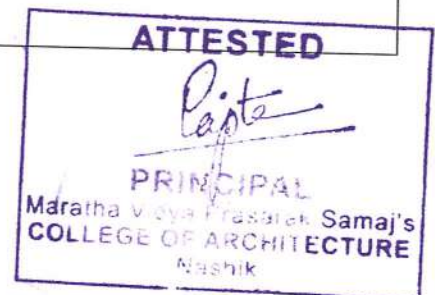
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
		co1	To remember and recollect the research done in 8 th semester to decide and describe the architectural project at various stages.
		co2	To discuss importance of topic and its future prospects
2	Deciding topic and writing design brief	co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing





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		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
		co1	To define and describe need of the topic
		co2	To understand and identify need of subject on different parameters and write down the brief to explain its need and requirements
		co5	To decide topic by comparing, criticizing
3	Case Study identification	co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing





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		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
		co2	To decide case studies by classifying and comparing
		co4	To decide case study by categorizing it on different study pointers
4	Doing case study	co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey





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		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
		co2	To observe, discuss and compare the identified building, campus.
		co3	To record the observations
		co4	To analyze the case through survey
		co5	To compare and evaluate the data
5	Presentation of case study	co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing





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		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
		co1	To describe the observations
		co4	To compare and conclude the data collected
		co5	To evaluate the data of case studies by comparing
6	Site selection	co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data





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		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
7	Site analysis	co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data



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		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
		co2	To decide site by comparing various aspects
		co4	To analyse, classify and compare the data
		co5	To evaluate and justify the data
8	Concept and Idea generation	co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas





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		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
9	Concept and Idea generation	co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture





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		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
		co1	To recall ,remember various theories in architecture
		co2	To understand topic and express the ideas
		co3	To develop concept and transfer the ideas on paper
		co4	To analyse the concept on various parameters
		co6	To design basic block to represent the ideas
10	single line plan	co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements





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		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
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		co5	To compare ,criticize different alternatives
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		co2	To express the idea by understanding and comparing the various requirements
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		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes





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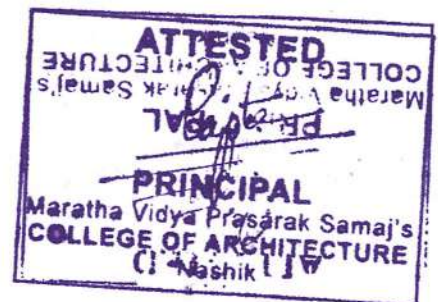
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
		co2	To express the idea by understanding and comparing the various requirements
		co3	To apply and explain the logic involved in planning
		co5	To compare ,criticize different alternatives
		co6	To create and design spaces and volumes
11	Block Model	co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model





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		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
		co2	To compare and understand study model for its appearance, volumes and spaces
		co3	To find out the ways to articulate the spaces and facades
		co6	To express the idea through model
12	Presentation of single line plan and concept	co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal





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		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
		co4	To explain the approach selected for design
		co5	To evaluate the design on various parameters considered
		co6	To express the idea through proposal
13	Developing individual area	co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail



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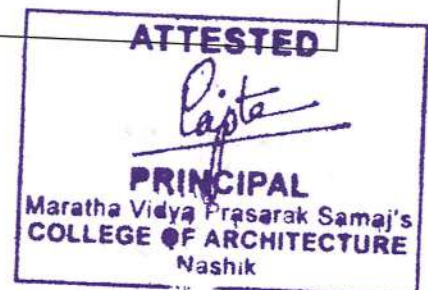
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
		co3	To develop part of design in detail
		co4	To analyse the selected area for technology, services
		co5	To evaluate and justify the selected area
		co6	To propose solutions for services and details
14	Relevance of landscape and services	co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services





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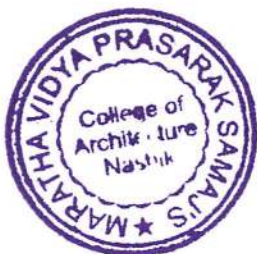
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
		co2	To understand the importance of landscape and services
		co3	To apply the knowledge gained in previous years
		co5	To decide on proper solution considering various aspects
		co6	To develop and design landscape and other services
15	Comprehensive thinking of project w.r.t all concerns	co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology, services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology, services etc.
		co3	To apply the knowledge gained in previous years and experience





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		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.





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		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
		co3	To apply the knowledge gained in previous years and experience
		co4	To analyse the design on various parameters
		co5	To evaluate the design on various parameters considered
		co6	To express the design for concept, planning, technology , services etc.
16	Double line plan	co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services





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		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
17	Double line plan	co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making,construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design





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		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
		co3	To develop the idea by applying the knowledge in planning, space making, construction and services
		co5	To evaluate the plans , sections, elevations for various factors
		co6	To create the meaningful design
18	Working details	co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output





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		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired





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		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
		co2	To understand the importance of working details
		co3	To apply the knowledge aquired
		co4	To analyse the details to satisfy desired output
		co6	To develop working details to create desired effect
19	Presentation	co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.
		co3	To apply the knowledge gained and explain the design
		co6	To express the thoughts through design.





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College of Architecture					
CO Attainment University Examination					
Department:	B. Arch.	Name of Teacher:	UMESH HIRAWTE	Maximum Marks:	SV-450
Name of Subject:	ADP	Class & Div:	FIFTH YR B ARCH	Weight (in %):	225
Subject Code:	5201571 (SV)	Academic Year:	2022-23		0.6
University Evaluation					
I. Set Target for A.Y. 2023-24					30
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-21)	AY:2020-21(2015PAT)	Mean Marks	TH	Attainment
	Current Academic Year Minus 2 (CAYm2): (2019-20)	AY:2019-20(2015PAT)	Mean Marks	293.09	
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)			318.93	(Weight* Avg.) 0.6
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)			306.01	
	Is b>a (Yes or No)			234.00	
	If No: Set and submit action plan for all CO			N	
	If Yes				
	c. No. Students On Roll#				
	d. No. Students Appeared			86	
	e. No. Students Above Actual Avg Marks (a)			82	
	f. % Above Actual Avg Marks = [(e*100)/d]			12	
	Average SEE Attainment in %			14.63	
Level of CO Attainment through University Examination	0-30	Attainment Level-1			
	30-60	Attainment Level-2	1		
	Above 60	Attainment Level-3			
g. No. Students Fail			18		
h. No. Students Pass			64		
i. % of Passing (= [(h*100)/d])			78.05		

PO Target for the course - Architectural Design Project								
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	2	1	1	2	2	1
2	3	3	2	2	2	3	2	2
3	3	3	3	2	2	3	3	2
4	1	1	3	1	1	3	3	1
5	2	2	3	2	2	3	3	1
6		1	3			3	3	1
CO-5201571 TARGET	2.4	2.1667	2.6667	1.6	1.6	2.8333	2.6667	1.3333



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Summary of CIE

5201571 (SV)		Architectural Design Project							
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
5201571 .1		79.1					79.07	14.6	40.4
5201571 .2		31.4					31.40	14.6	21.3
5201571 .3		73.0					73.00	14.6	38.0
5201571 .4		50.0					50.00	14.6	28.8
5201571 .5		63.0					63.00	14.6	34.0
5201571 .6		72.0					72.00	14.6	37.6

PO Attainment Record

Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5201571	ARCHITECTURAL DESIGN PROJECT	0.8	0.72	0.88	0.53	0.53	0.94	0.88	0.44





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Elective IV , 2022-2023

Course Outcome

5201572	CO1	Students will choose an area of interest based on their previous knowledge / exposure for further exploration.
5201572	CO2	Students will understand a particular field of specialisation chosen in detail to clarify that field's concepts and application. Principles of maangement
5201572	CO3	Students will have ability to understand the scope and feasibility of project .
5201572	CO4	Students will be able to analyse disputes and claims management in construction
5201572	CO5	The course will prepare students to determine the importance as well as judge their interest in the particular field of specialisation chosen to decide their further course of career.
5201572	CO6	Students will be able to create bar chart and sequence activities of Construction

Course Outcome and Its relation to Program Outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	1	2	1	1	3	1
CO2	2	2	1	2	2	1	3	1
CO3	2	3	1	2	2	1	2	1
CO4	3	1	1	2	1	1	3	1
CO5	3	1	1	1	1	1	1	3
CO6	1	1	1	1	1	1	1	1
CO 5201572 TARGET	2	2	1	2	1	1	2	1





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(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.8	1.8	0.9	1.8	0.9	0.9	2.8	0.9
	1.8	1.8	0.9	1.8	1.8	0.9	2.8	0.9
	1.8	2.8	0.9	1.8	1.8	0.9	1.8	0.9
	2.8	0.9	0.9	1.8	0.9	0.9	2.8	0.9
	2.8	0.9	0.9	0.9	0.9	0.9	0.9	2.8
	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
PO 5201572	2.0	1.5	0.9	1.5	1.2	0.9	2.0	1.2



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CIE and SEE table

5201572 Subject Name : Elective IV				
CO Code	Assignment (Written)	CIE Attain	SEE	CO Attainment
5201572.1	80.9	80.91	98.9	91.7
5201572.2	82.6	82.58	98.9	92.3
5201572.3	81.3	81.25	98.9	91.8
5201572.4	98.1	98.13	98.9	98.6
5201572.5	77.3	77.27	98.9	90.2
5201572.6	77.3	77.27	98.9	90.2

Average CO Attainment: 92.5



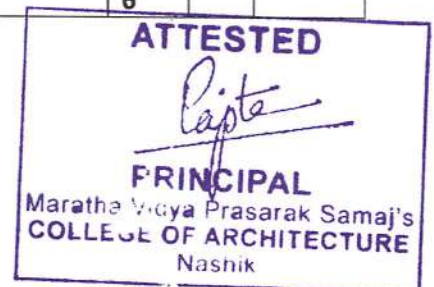


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College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Manisha P. Rajole	Maximum Marks:	SS-50	
Name of Subject:	Elective IV	Class & Div:	Fifth Year A & B	Weight (in %):	60	
Subject Code:	5201572	Academic Year:	2022-2023		0.6	
University Evaluation						Attainment
1. Set Target for A.Y. 2020-2021					60	
					SS	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-2021)		AY:2022-2023(2015PAT)	Mean Marks	26.00	
	Current Academic Year Minus 2 (CAYm2): (2019-2020)		AY:2021-2022(2015PAT)	Mean Marks	29.00	
Current Academic Year (CAY) 2019-20	a. Targeted Average Marks for AY. 2021-22(Average Marks for Last two years)				27.50	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2021-2022)				38.00	(Weight* Avg.)
	Is b>a (Yes or No)				Y	
	If No:Set and submit action plan for all CO					
	If Yes					0.6
	c. No. Students On Roll#				88	
	d. No. Students Appeared				88	
	e. No. Students Above Actual Avg Marks (a)				87	
f. % Above Actual Avg Marks =[(e*100)/d]				98.86		





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Level of CO Attainment through University Examination	Average SEE Attainment in %			98.86	
	Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	1	
		Above 60%-	Attainment Level-2		
		Above 70%-	Attainment Level-3		
g. No. Students Fail				0	
h. No. Students Pass				88	
i. % of Passing (= [(h*100)/d])				100.00	



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