



# MVPS's SP College of Architecture

Udhaji Maratha Boarding Campus, Off Gangapur Road, Nashik-13

Phone: 0253-2570822 E-mail: cansnashik@mvp.edu.in



## Criterion 2

### Teaching - Learning and Evaluation

### 2.6 - Student Performance and Learning Outcomes

### 2.6.2



## Criterion 2 – Teaching- Learning and Evaluation

### Key Indicator – 2.6 Student Performance and learning Outcome (60)

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

#### B. ARCH

Sr. No.	Contents (Documents)
1	PO Summary A.Y. 2023-24

#### B. DESIGN

Sr. No.	Contents (Documents)
1	PO Summary A.Y. 2023-24



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

<b>Sr. No.</b>	<b>Contents (Documents)</b>
1201905	Architectural Graphics and Drawing I
1201907	Communication Skills
1201915	Fundamentals of Architecture
2201917	Architectural Design II
2201928	Building Construction & Materials IV
2201930	Environmental Science
2201931	History of Arch & Culture III
3201935	Architectural Design IV
3201944	Architectural Design V
3201939	Landscape Architecture
4201955	Urban Studies I
4201962	Urban Studies II
4201966	Project Management



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## PO SUMMARY

### Arch Graphics & Drawing I

#### Course Outcomes for Arch Graphics & Drawing I

1201905.1	CO 1	To learn the language of graphics, architectural drawing techniques, techniques of sketching for recording, studying and communicating objects, buildings and spaces.
1201905.2	CO 2	To understand methods to express simple three-dimensional objects and building components Through Technical Drawings, using various graphic projection systems such as orthography, Isometric, Axonometric projections and cut sections.
1201905.3	CO 3	To express architectural drawings by applying language of graphics and graphical projection systems such as orthography, Isometric, Axonometric projections and cut sections.
1201905.4	CO 4	To develop visualization skills by analyzing simple three-dimensional objects and building components through Technical Drawings.
1201905.5	CO 5	To compare various methods for recording, studying and communicating objects, buildings and spaces in order to express architectural design.
1201905.6	CO 6	To create a set of conceptual and technical drawings in all subjects.



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## Course Outcome and its Relation to Program Outcome:

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



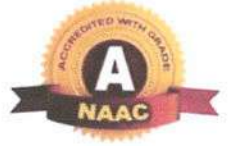
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## CIE & SEE TABLE: 1201913 [SS]

MVPS's College of Architecture, Nashik

AY : 2023-24	ARCHITECTURAL GRAPHICS AND DRAWING I 1201913 [SS]	First Yr. B-Arch					
Attainment of CIE & SEE							
CO Code	Practical	Site Visits	Projects	CIE Attain	SEE	CO Attainment	
CO 1	86.84		79.31	83.08	76.4	78.7	
CO 2	85.53		80.46	82.99	76.4	78.7	
CO 3	86.84		81.61	84.23	76.4	79.1	
CO 4	85.53		80.46	82.99	76.4	78.7	
CO 5	0.00		0.00	0.00	0.0	0.0	
CO 6	85.53		80.46	82.99	76.4	78.7	
						65.7	1.97



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SEE:

AY : 2023-24	ARCHITECTURAL GRAPHICS AND DRAWING I 1201905 [SS]	1st Yr. B-Arch
<b>Attainment of CO : University Examination</b>		
Faculty: Ar.Ashish Khemnar Ar Sachin Waje Ar Radhika Bhattad		Mr Sankalp Bagul Mr Levant Gavande,
		Max Marks : 100
		Weight (in %) : 55
		Weight : 1.10
CAY – m1 (Current Acad. Yr. minus 1)	AY: 2022-23 (2019PAT)	Mean Marks: 59.20
CAY – m1 (Current Acad. Yr. minus 2)	AY: 2021-22 (2019PAT)	Mean Marks: 67.90
a. Reference Target of Avg. Marks for AY: 2022-23 (Avg. Marks for Last Two Yrs.)		63.55
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2021-22 Result)		62.50
Is b > a (Yes / No)		yes
If No, Set & Submit Action Plan for all CO		
c. Set Target (Marks) for A.Y. 2023-24 (Threshold Value : TH)		55
d. No. of Students on Roll		76
e. No. of Students Appeared		72
f. No. of Absent Students		3
g. No. of Students Failed		16
h. No. of Students Pass		55
i. No. of Students with Equal to or Above "TH" (c)		15
j. % Above Threshold Marks = [(i * 100) / e]		15.00
k. % of Passing = [(h * 100) / e]		76.39
Average SEE Attainment in %		76.39
Level of CO Attainment through University Examination	0 – 30	Level - 1
	30 – 60	Level - 2
	Above 60	Level - 3
SEE Attainment		(Weight * Avg.) 84.03



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### SEE Table

MVPS's S.P. 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:	3201947	Academic Year:	2023-24		0.66	
University Evaluation						
1. Set Target for A.Y. 2023-24					50	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)	AY:(2022 23)(2019PAT)	Mean Marks	53.40		Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)	AY:(2021-22)(2015PAT)	Mean Marks	65.53		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			59.47		(Weight* Avg.) 1.32
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)			47.61		
	Is b>a (Yes or No)			NO		
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#			72		
	d. No. Students Appeared			70		
	e. No. Students Above Actual Avg Marks (a)			55		
	f. % Above Actual Avg Marks =[(e*100)/d]			78.57		
	Average SEE Attainment in %			78.57		
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			7			
h. No. Students Pass			63			
i. % of Passing (= [(h*100)/d])			90.00			



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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 the Development of 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 period's socio- cultural, political, and economic context.
1201906 .4	CO4	The student should be able to analyze the regional and temporal variations in archetypes and the rationale.
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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### PO SUMMARY

#### Communication Skills

#### Course Outcomes for 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	CO 3	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 categorize 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 Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	3	2	3	2
2	3	3	2	3	3	2	3	3
3	2	2	2	2	2	1	1	1
4	3	3	3	3	3	2	2	2
5	3	3	3	3	3	2	2	1
6	3	3	3	3	3	2	2	2
<b>CO 1201907 TARGET</b>	<b>2.83</b>	<b>2.83</b>	<b>2.67</b>	<b>2.83</b>	<b>2.83</b>	<b>1.83</b>	<b>2.17</b>	<b>1.83</b>
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.37	2.37	2.37	2.37	2.37	1.58	2.37	1.58
	2.37	2.37	1.58	2.37	2.37	1.58	2.37	2.37
	1.58	1.58	1.58	1.58	1.58	0.79	0.79	0.79
	2.37	2.37	2.37	2.37	2.37	1.58	1.58	1.58
	2.37	2.37	2.37	2.37	2.37	1.58	1.58	0.79
	2.37	2.37	2.37	2.37	2.37	1.58	1.58	1.58
<b>PO 1201907 Attainment</b>	<b>2.24</b>	<b>2.24</b>	<b>2.11</b>	<b>2.24</b>	<b>2.24</b>	<b>1.45</b>	<b>1.71</b>	<b>1.45</b>

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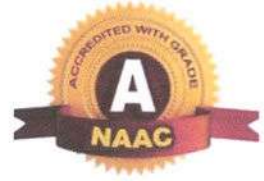




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### CIE & SEE TABLE:

M309		COMMUNICATION SKILLS						
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
1201907.1		82.2	80.9		80.3	81.14	78.9	<b>79.8</b>
1201907.2	84.2	79.6	78.3			80.70	78.9	<b>79.6</b>
1201907.3			80.3			80.26	78.9	<b>79.5</b>
1201907.4	77.6	77.6	77.6			77.63	78.9	<b>78.4</b>
1201907.5	81.6	80.3	78.9		77.6	79.61	78.9	<b>79.2</b>
1201907.6	76.3				78.9	77.63	78.9	<b>78.4</b>

Average CO Attainment = 79.2

### SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Radhika Bhattad	Maximum Marks:	50	
Name of Subject:	CS	Class & Div:	Fr. Y. B. ARCH	Weight (in %):	60	
Subject Code:	1201907 [SS]	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23 (2019PAT)	Mean Marks	31.37	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22 (2015PAT)	Mean Marks	30.81	



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Current Academic Year (CAY) 2023-24	<b>a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)</b>				
	<b>b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)</b>			32.65	(Weight* Avg.)  0.6
				<b>32.65</b>	
	<b>Is b&gt;a (Yes or No)</b>			<b>Yes</b>	
	<b>If No:Set and submit action plan for all CO If Yes</b>				
	<b>c. No. Students On Roll#</b>			76	
	<b>d. No. Students Appeared</b>			76	
	<b>e. No. Students Above Actual Avg Marks (a)</b>			60	
	<b>f. % Above Actual Avg Marks =[(e*100)/d]</b>			78.95	
	<b>Average SEE Attainment in %</b>			<b>78.95</b>	
	<b>Level of CO Attainment through University Examination</b>		<b>Above 50%-</b>	<b>Attainment Level-1</b>	1
			<b>Above 60%-</b>	<b>Attainment Level-2</b>	
			<b>Above 70%-</b>	<b>Attainment Level-3</b>	
	<b>g. No. Students Fail</b>			8	
<b>h. No. Students Pass</b>			68		
<b>i. % of Passing (= [(h*100)/d])</b>			<b>89.47</b>		

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### PO SUMMARY

#### Fundamentals of Architecture

#### Course Outcomes for Fundamentals of Architecture

1201915.1	CO 1	Students will be able to relate to the various roles an architect has to play simultaneously and define the nature of Architecture.
1201915.2	CO 2	Students will understand the scope of Architecture as one is interpreting its evolution through time to explain the definition of architecture.
1201915.3	CO 3	Students will be able to identify various fundamentals of Architecture and develop awareness about their manifestation in Architecture.
1201915.4	CO 4	Students will be able to decode the Generators of Architectural Design and inspect their relationship with each other and illustrate it graphically.
1201915.5	CO 5	Students will be able to assess the aesthetic and functional components of Architecture and conduct an appraisal of the same.
1201915.6	CO 6	The course should prepare the students to construct their own paradigms of Architectural design backed by a theoretical knowledge to test them further in proposing a design solution.



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### CIE & SEE TABLE:

M309		FUNDAMENTALS OF ARCHITECTURE						
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
1201915.1		75.0					75.00	78.2
1201915.2		75.0					75.00	78.2
1201915.3		78.9	77.0				77.96	79.3
1201915.4	75.0		77.6				76.32	78.7
1201915.5	78.9	80.3					79.61	80.0
1201915.6	77.6	80.3	77.6				78.51	79.6

Average CO Attainment = 79.0

### SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Radhika Bhattad	Maximum Marks:	50	
Name of Subject:	FOA	Class & Div:	F. Y. B. ARCH	Weight (in %):	60	
Subject Code:	1201915 [SS]	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23 (2019PAT)	Mean Marks	26.69	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22 (2015PAT)	Mean Marks	29.00	



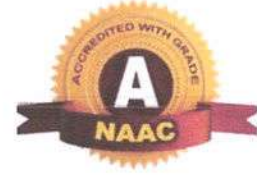
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<b>Current Academic Year (CAY) 2023-24</b>	<b>a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)</b>			
	<b>b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)</b>		33.56	<b>(Weight* Avg.)  0.6</b>
			<b>33.56</b>	
	<b>Is b&gt;a (Yes or No)</b>		<b>Yes</b>	
	<b>If No:Set and submit action plan for all CO</b>			
	<b>If Yes</b>			
	<b>c. No. Students On Roll#</b>		<b>76</b>	
	<b>d. No. Students Appeared</b>		<b>76</b>	
	<b>e. No. Students Above Actual Avg Marks (a)</b>		<b>61</b>	
	<b>f. % Above Actual Avg Marks =[(e*100)/d]</b>		<b>80.26</b>	
	<b>Average SEE Attainment in %</b>		<b>80.26</b>	
	<b>Level of CO Attainment through University Examination</b>	<b>Above 50%-</b>	<b>Attainment Level-1</b>	<b>1</b>
		<b>Above 60%-</b>	<b>Attainment Level-2</b>	
		<b>Above 70%-</b>	<b>Attainment Level-3</b>	
<b>g. No. Students Fail</b>		<b>3</b>		
<b>h. No. Students Pass</b>		<b>73</b>		
<b>i. % of Passing (= [(h*100)/d])</b>		<b>96.05</b>		



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COURSE INFORMATION SHEET	
Course: <b>ARCHITECTURAL DESIGN II</b>	Class: <b>2nd Yr B-Arch AY: 2023-24 Sem- III</b>
Code: <b>2201917 [SV]</b>	<b>Faculty:</b> Ar. Gaurav Arbooj , Ar. Vinit Bobde , Ar. Niketa Kothawale, Ar. Purva Shah , Ar. Nitesh Patil , Ar. Hemant Thakre

Teaching Scheme			Examination Scheme			
Lectures (hrs/week)	Studio (hrs/week)	Total Credits	Sessional		Viva	
			CIA	EA	VIVA INTERNAL	VIVA INTERNAL
<b>01</b>	<b>06</b>	<b>10</b>	<b>100</b>	<b>100</b>	<b>25</b>	<b>25</b>

Course Prerequisites:
<ul style="list-style-type: none"> <li>• <b>Socio-Cultural Aspects:</b> To introduce students to socio-cultural aspects like lifestyle, culture, traditions, and their effect on architectural design etc.</li> <li>• <b>Aesthetics:</b> To understand the Aesthetic aspects of Design (visual and experiential) along with spatial attributes (scale and proportions, volume, texture, light and shadows, etc.) and formal characteristics. (profile, base, corner, termination).</li> <li>• <b>Anthropometry &amp; Function:</b> To address functional aspects of design (activity, use of space, adequacy and efficiency of space for a particular activity, essential adjacencies of spaces, ease and efficiency of circulation, light, ventilation, user-space relationship, vertical connections</li> <li>• <b>Climate:</b> To understand the Climatic aspects those have a bearing on architectural design and address climatic concerns like adequate light, ventilation, protection from rain, insulation, shading, heat gain, through passive strategies.</li> <li>• <b>Building Material and Construction Technology:</b> To study relevance of various building materials to a project, to get introduced to various expressions of a building material, to introduce a student to the construction technologies relevant to the building materials chosen, to understand the scope and limitations of a building technique to achieve the desired form and space.</li> <li>• <b>Building Services:</b> To understand the spatial and structural implications of basic services involved in building design.</li> <li>• <b>Site :</b> To understand the site and its context, both immediate and wider, in order to enable students to take decisions of zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.</li> <li>• <b>Universal Design:</b> To understand the concept and principles of universal design.</li> <li>• <b>Precedent Studies:</b> To introduce the students to learn from case, referral, live studies - process of observation, analysis, documentation and deriving inferences.</li> </ul>



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Phone: 0253-2570822 E-mail: cansnashik@mvp.edu.in



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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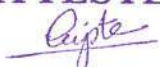
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Course Outcome	CO Statement	Bloom's Taxonomy Level
CO 1	Students will be able to choose from design iteration process at various scales/ levels.	<b>1. Remembering:</b> Retrieving, recognizing, and recalling relevant knowledge from long- term memory.
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.	<b>2. Understanding:</b> 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	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.	<b>3. Applying:</b> Carrying out or using a procedure for executing, or implementing.
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.	<b>4. Analysing:</b> 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	Students will be able to appraise multi-functional, multi-cellular built environments from various case studies to determine generators for their own design	<b>5. Evaluating:</b> 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	The course should prepare the students to develop their own suitable design language for architectural design of multi-functional, multi-cellular built environments.	<b>6. Creating:</b> By collaborating the knowledge gained so far with other streams.



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MVPS's SP College of Architecture, Nashik								
AY : 2023-24	2nd Yr. B-Arch [SEM - VI]			ARCHITECTURAL DESIGN - II				
PO Attainment Record								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	ML	ML	ML	ML	ML	ML	ML	ML
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	3	3
CO 6	3	3	3	3	3	3	3	3
AVERAGE	3.00	3.00	3.00	3.00	2.83	3.00	3.00	3.00
CO Code	(CIE + SEE Avg. Attainment) * Map Value of CO-PO / 3							
	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
CO 1	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
CO 2	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
CO 3	2.14	2.14	2.14	2.14	1.43	2.14	2.14	2.14
CO 4	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
CO 5	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
CO 6	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
PO Attainment	2.14	2.14	2.14	2.14	2.03	2.14	2.14	2.14

Attainment of CIE & SEE						
AY : 2023-24	2nd Yr. B-Arch [SEM - VI]		ARCHITECTURAL DESIGN - II 2201917 [SV]			
CO Code	Graphical Assignments	Site Visit	Projects Assignments	CIE Attain	SEE	CO Attainment
CO 1	92.86	92.9	92.86	92.86	59.2	72.6
CO 2	87.01	87.0	87.01	87.01	59.2	70.3
CO 3	88.96	88.96	88.96	88.96	59.2	71.1
CO 4	91.56	91.56	91.56	91.56	59.2	72.1
CO 5	88.31	88.31	88.31	88.31	59.2	70.8
CO 6	90.91	90.91	90.91	90.91	59.2	71.9
Average:						71.5
Attain. Level:						2.14



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SEE			
A Y : 2023-24	ARCHITECTURAL DESIGN - II 2201917 [SV]	2nd Yr. B-Arch	
Faculty: 1) Gaurav Arbooj		4) Vinit Bobade	Max Marks : 250
2) Purva Shah		5) Hemant Thakre	Weight (in %) : 60
3) Niketa Kothawale		6) Nitesh Patil	Weight : 0.60
CAY – m1 (Current Acad. Yr. minus 1)	AY: 2022-23 (2019 PAT)	Mean Marks:	156.00
CAY – m1 (Current Acad. Yr. minus 2)	AY: 2021-22 (2019 PAT)	Mean Marks:	143.00
a. Reference Target of Avg. Marks for Last Two Yrs.			149.50
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2023-24 Result)			153.00
Is $b > a$ (Yes/No)			Yes
If No, Set & Submit Action Plan for all CO			
c. Set Target (Marks) for A.Y. 2023-24 (Threshold Value : TH)			150
d. No. of Students on Roll			77
e. No. of Students Appeared			73
f. No. of Absent Students			4
g. No. of Students Failed			5
h. No. of Students Pass			72
i. No. of Students with Equal to or Above "TH" (c)			45
j. % Above Threshold Marks = $[(i * 100) / e]$			61.64
k. % of Passing = $[(h * 100) / e]$			98.63
Average SEE Attainment in %			98.63
Level of CO Attainment through University Examination	0 – 30	Level - 1	3
	30 – 60	Level - 2	
	Above 60	Level - 3	
SEE Attainment	(Weight * Avg.)		59.18



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## PO SUMMARY

### Environmental Sciences \_ (2201930 (SS))

#### Course Outcome of ES

2201930 .1	CO1	The students should have a basic introduction to the Multidisciplinary nature of environmental studies, with a focus on Natural Resources, ecosystems, Biodiversity and its conservation, Environmental Pollution, Environmental Legislation, social aspects of the environment, and Environmentally friendly buildings.
22019306 .2	CO2	The students understand the Multidisciplinary nature of environmental studies, current environmental issues, and its interconnectedness with architecture/development.
2201930 .3	CO3	The students should be able to apply environmental studies knowledge to understand the interconnectedness of current ecological issues and architecture/development.
2201930 .4	CO4	The students should be able to analyze current environmental issues and their interconnectedness with architecture/development.
2201930 .5	CO5	The students should be able to judge and recommend architectural interventions to minimize current environmental issues.



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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	0	3	3	2
2	3	3	2	3	0	3	3	1
3	3	3	3	3	3	3	3	2
4	3	3	2	3	3	3	3	2
5	3	3	3	3	3	3	3	1
CO 2201930 Target	3	3	2.6	3.0	1.8	3.0	3.0	1.6

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	2	2	2	2	0	2	2	1.33
2	2	2	1.33	2	0	2	2	0.67
3	2	2	2	2	2	2	2	1.33
4	2	2	1.33	2	2	2	2	1.33
5	2	2	2	2	2	2	2	0.67
CO 2201930 Target	2.00	2.00	1.73	2.00	1.20	2.00	2.00	1.07



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## CIE and SEE Table

2201930 (SS)	Environmental Sciences								
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
2201930 .1	NIL	75.6	NIL	NIL	NIL	NIL	75.65	59.2	65.8
2201930 .2	NIL	75.8	NIL	NIL	NIL	NIL	75.81	59.2	65.9
2201930 .3	NIL	75.6	NIL	NIL	NIL	NIL	75.65	59.2	65.8
2201930 .4	NIL	75.3	NIL	NIL	NIL	NIL	75.32	59.2	65.7
2201930 .5	NIL	86.8	NIL	NIL	NIL	NIL	86.80	59.2	70.2

Average CO Attainment = 66.7



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SEE

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CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Prof. Sharmishtha Surajiwale, Prof. Ankita Pathare	Maximum Marks:	SS- 50	
Name of Subject:	Environmental Sciences	Class & Div:	2nd Yr B. Arch (Div A&B)	Weight (in %):	50	
Subject Code:	2201930 [SS]	Academic Year:	2023-2024		1	
University Evaluation						
1. Set Target for A.Y. 2023-24					30	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22(2 019 PAT)	Mean Marks			Attainment
	Current Academic Year Minus 2 (CAYm2): (2022-23)	AY:2022-23(2 019 PAT)	Mean Marks			
Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)					
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				34.10	
	Is b>a (Yes or No)					(Weight* Avg.)
	If No: Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				77	2
	d. No. Students Appeared				76	
	e. No. Students Above Actual Avg Marks (a)				45	
	f. % Above Actual Avg Marks =[(e*100)/d]				59.21	
	Average SEE Attainment in %				59.21	
Level of CO Attainment through University Examination			0-30	Attainment Level-1		
			30-60	Attainment Level-2		
			Above 60	Attainment Level-3		



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	<b>g. No. Students Fail</b>	<b>11</b>		
	<b>h. No. Students Pass</b>	<b>66</b>		
	<b>i. % of Passing (= [(h*100)/d])</b>	<b>86.84</b>		



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COURSE INFORMATION SHEET			
Course: History of Architecture and Culture III	Class: 2nd Yr	AY: 2023-24	Sem- III
Code: 2201922[SS]	Faculty: Ar.Sayali Gogate Ar. Megha Butte , Ar. Samruddhi Mahale		

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.

## Course Outcomes

2201922.1	CO1	The student should be able to relate the linkages between architecture and the socio- cultural, political and economic context of the period.
2201922.2	CO2	The students should be able to understand a distinct architectural setup and features.
2201922.3	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
2201922.4	CO4	The student should be able to analyze the regional and temporal variations in archetypes and the rationale for the same.
2201922.5	CO5	The student should be able to compare the regional and temporal variations in archetypes and to give the rationale for the same.



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## Course Outcome and its Relation to Program Outcome.

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

## PO Attainment

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	2.5	2.5	0.8	0.8	0.8	1.6	1.6	0.8
	2.5	2.5	0.8	0.8	0.8	0.8	2.5	0.8
	0.8	2.5	0.8	0.8	0.8	0.8	0.8	0.8
	2.5	2.5	0.8	0.8	1.6	2.5	2.5	0.8
	2.5	2.5	0.8	0.8	2.5	0.5	2.5	0.8
<b>PO 2201922 Attainment</b>	<b>2.14</b>	<b>2.5</b>	<b>0.82</b>	<b>0.82</b>	<b>1.32</b>	<b>1.26</b>	<b>1.98</b>	<b>0.82</b>

## CiE and SEE TABLE

AY : 2023-24	2 <sup>nd</sup> Yr.B.Arch. Sem.III		HISTORY OF ARCHITECTURE AND CULTURE III					2201922(SS)	
CU Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
2201922 .1		84.4					84.42	98.7	93.0
2201922 .2		67.5					67.53	98.7	86.2
2201922 .3								98.7	59.2
2201922 .4		68.4		71.4		71.4	70.42	98.7	87.4
2201922 .5		72.7		63.6		63.6	66.67	98.7	85.9
Average:									82.3
Attain. Level:									2.47



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SEE			
A Y : 2023-24	History of Architecture and Culture III2201922 (SS)	2nd Yr. B-Arch	
Faculty: 1) Sayali Gogate		1) Megha Butte	Max Marks : 50
		2) Samruddhi Mahale	Weight (in %) : 50
			Weight : 1
CAY - m1 (Current Acad. Yr. minus 1)	AY: 2022-23 (2019 PAT)	Mean Marks:	30.00
CAY - m1 (Current Acad. Yr. minus 2)	AY: 2021-22 (2019 PAT)	Mean Marks:	34.40
a. Reference Target of Avg. Marks for Last Two Yrs.			32.20
b. Actual Avg. Marks Scored by Students (Evaluated from CAY : 2023-24 Result)			33
Is b > a (Yes / No)			Yes
If No, Set & Submit Action Plan for all CO			
c. Set Target (Marks) for A.Y. 2023-24 (Threshold Value : TH)			33
d. No. of Students on Roll			77
e. No. of Students Appeared			75
f. No. of Absent Students			2
g. No. of Students Failed			1
h. No. of Students Pass			74
i. No. of Students with Equal to or Above "TH" (c)			29
j. % Above Threshold Marks = $[(i * 100) / e]$			38.67
k. % of Passing = $[(h * 100) / e]$			98.67
Average SEE Attainment in %			98.67
Level of CO Attainment through University Examination	0 - 30	Level - 1	3
	30 - 60	Level - 2	
	Above 60	Level - 3	
SEE Attainment		(Weight * Avg.)	



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## PO SUMMARY

### ARCHITECTURAL DESIGN IV

#### COURSE OUTCOMES FOR 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	3	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
<b>CO3201935 TARGET</b>	<b>2.8</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2.3</b>	<b>1.3</b>	<b>1.5</b>	<b>2.2</b>

(CIE+SEE Avg Attainment)*Map Value of	2.34	2.34	2.34	0.78	0.78	0.78	0.78	0.78
	2.34	2.34	1.56	0.78	0.78	0.78	0.78	0.78
	2.34	2.34	0.78	0.78	2.34	2.34	2.34	0.78
	1.56	1.56	0.78	0.78	1.56	1.56	2.34	0.78
	2.34	2.34	2.34	2.34	2.34	2.34	1.56	0.78
	0.78	2.34	2.34	0.78	0.78	2.34	0.78	2.34
<b>PO 3201935 Attainment</b>	<b>2.21</b>	<b>1.56</b>	<b>1.37</b>	<b>1.56</b>	<b>1.82</b>	<b>1.04</b>	<b>1.17</b>	<b>1.72</b>

## CIE AND SEE TABLE :

3201935		DESIGN IV							
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201535.1		80.8	80.8	80.8		80.8	80.82	80.3	80.5
3201535.2		80.8	80.8	80.8			80.82	80.3	80.5
3201535.3		80.8	80.8	80.8		80.8	80.82	80.3	80.5
3201535.4			80.8	80.8		80.8	80.82	80.3	80.5
3201535.5		80.8				80.8	80.82	80.3	80.5
3201535.6		3.0				83.6	43.28	80.3	65.5

Average CO Attainment = 78.0





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SEE:

College of Architecture							
CO Attainment University Examination							
Department:		Name of Teacher:		Maximum Marks:			
Name of Subject:		Class & Div:		Weight (in %):	50		
Subject Code:		Academic Year:					
University Evaluation							
I. Set Target for A.Y. 2023-24					60		
				SV			
	Current Academic Year Minus 1 (CAYm1): (2021-22)			Mean Marks	149.42		
Previous Examination Results:	Current Academic Year Minus 1 (CAYm1): (2022-23)			Mean Marks	151.49		Attainment
					150.46		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				150.46		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				157.20		
	Is b>a (Yes or No)				Y		(Weight* Avg.)
	If No: Set and submit action plan for all CO						
	If Yes						
	c. No. Students On Roll*				73		1.5
	d. No. Students Appeared				66		
	e. No. Students Above Actual Avg. Marks (a)				53		
	f. % Above Actual Avg. Marks = [(e*100)/d]				80.30		
	Average SEE Attainment in %				80.30		
Level of CO Attainment through University Examination	Above 50%-		Attainment		3		
	Above 60%-		Attainment				
	Above 70%-		Attainment				
g. No. Students Fail				13			
h. No. Students Pass				60			
i. % of Passing (= [(h*100)/d])				90.91			



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## PO SUMMARY

### ARCHITECTURAL DESIGN V

#### COURSE OUTCOMES FOR ARCHITECTURAL DESIGN V

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:

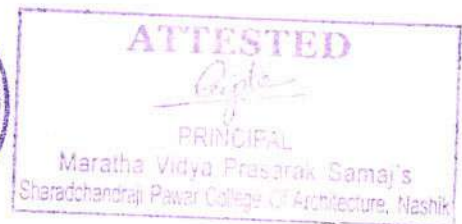
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	3	3	3
CO2	3	3	3	3	3	3	1	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	2	3	3	2	3
CO5	3	3	3	3	3	3	3	2
CO6	3	3	3	3	3	3	3	3
<b>CO3201944 TARGET</b>	<b>2.8</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2.3</b>	<b>1.3</b>	<b>1.5</b>	<b>2.2</b>

(CIE+SEE Avg Attainment)*Map Value of	2.23	2.23	2.23	2.23	0.74	2.23	2.23	2.23
	2.23	2.23	2.23	2.23	2.23	2.23	0.74	2.23
	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23
	2.23	2.23	2.23	1.49	2.23	2.23	1.49	2.23
	2.23	2.23	2.23	2.23	2.23	2.23	2.23	1.49
	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23
<b>PO 3201944 Attainment</b>	<b>2.11</b>	<b>1.49</b>	<b>1.30</b>	<b>1.49</b>	<b>1.73</b>	<b>0.99</b>	<b>1.12</b>	<b>1.64</b>

## CIE AND SEE TABLE :

3201944	DESIGN V								
CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201944.1		100.0	71.2	69.9		71.2	78.08	79.7	79.0
3201944.2		71.2	71.2	69.9			70.78	79.7	76.1
3201944.3		71.2	71.2	69.9		71.2	70.89	79.7	76.2
3201944.4			71.2	69.9		67.1	69.41	79.7	75.6
3201944.5		71.2				69.2	70.21	79.7	75.9
3201944.6		3.0				75.8	39.40	79.7	63.6

Average CO Attainment = 74.4





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SEE:

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Sayali Gogte, Arpita Ehatt, Geelanjali Patil, Tejaswini Marode, Megha Butte, Kadhnika Bhatlad, Rajesh Gaikwad, Vivek Vibhute	Maximum Marks:	SV: 250	
Name of Subject:	Design v	Class & Div:	Third year	Weight (in %):	50	
Subject Code:	3201944	Academic Year:	2023-24		0.5	
University Evaluation						
I. Set Target for A.Y. 2023-24					60	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)			Mean Marks	150.4	Attainment
	Current Academic Year Minus 1 (CAYm1): (2022-23)			Mean Marks	149.42	
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				149.91	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				151.86	
	Is b>a (Yes or No)				Y	(Weight* Avg.)
	If No: Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll*				73	1.5
	d. No. Students Appeared				29	
	e. No. Students Above Actual Avg. Marks (a)				47	
	f. % Above Actual Avg. Marks = [(e*100)/d]				79.66	
	Average SEE Attainment in %				79.66	
Level of CO Attainment through University Examination						
				Above 50%-	Attainment	
				Above 60%-	Attainment	
				Above 70%-	Attainment	
g. No. Students Fail				20		
h. No. Students Pass				23		
i. % of Passing (= [(h*100)/d])				88.14		



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COURSE INFORMATION SHEET	
Course: <b>Landscape Architecture</b>	Class: <b>3rd Yr B-Arch AY: 2023-24 Sem-V</b>
Code: <b>3201939 SS</b>	Faculty: <b>Nitesh Patil, Tejaswini Patil, Anand Bhambre</b>

Teaching Scheme			Examination Scheme			
Lectures (hrs/week)	Studio (hrs/week)	Total Credits	Theory (Paper)		Sessional (Int. 50 + Ext. 50)	
			In-Sem Marks	End- Sem Marks	Journal, Practical, & Numerical	Oral Viva
<b>03</b>	<b>01</b>	<b>03</b>	<b>NIL</b>	<b>NIL</b>	<b>100</b>	<b>NIL</b>

### Course Prerequisites:

- Knowledge of Drafting
- Knowledge of Graphical representation.
- Conceptual understanding of Design and space
- Basic Principles of Architecture .

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 the design of the 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	Students will be able to define the scope of Landscape architecture based on their knowledge and exposure on various factors which are required in landscape practice.	<b>1. Remembering:</b> Retrieving, recognizing, and recalling relevant knowledge from long- term memory.
CO 2	Students will understand various elements, principles of landscape architecture and relate to the necessity of being sensitized towards appropriate landscape practice on the basis of Historical references.	<b>2. Understanding:</b> 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	Students will be able to apply their knowledge in site planning and designing based on various landscape factors for achieving functional, aesthetic, environmental and Cultural goals.	<b>3. Applying:</b> Carrying out or using a procedure for executing, or implementing.
CO 4	Students will be able to discover, classify, and analyses different natural and manmade aspects such as Microclimate, topography, hydrology, vegetation, physical and socio-cultural context through various examples / case studies / practices in field of landscape architecture.	<b>4. Analysing:</b> 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	Students will be able to build their interest in landscape architecture by appraising various works in the field and its scope..	<b>5. Evaluating:</b> 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	The course will guide students to, formulate and develop design proposal for pilot projects culminating into an idea, concept generation and visualization that encourages creative thinking.	<b>6. Creating:</b> By collaborating the knowledge gained so far with other streams.



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### CO 3201939 TARGET

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3		3	1	2	2	1
CO2	2	3	1	3	2	3	1	
CO3	3	1	1	3		3	1	
CO4	3	3	3	3	1	1	3	1
CO5	3	2	3	3	2	2	3	2
CO6	3		3	3	3	3	3	
	2.83	2.40	2.20	3.00	1.80	2.33	2.17	1.33
(CIE+SEE Avg Attainment)*Map Value of CO-PO /3	2.09	2.09	0.00	2.09	0.70	1.39	1.39	0.70
	1.39	2.09	0.70	2.09	1.39	2.09	0.70	0.00
	2.09	0.70	0.70	2.09	0.00	2.09	0.70	0.00
	2.09	2.09	2.09	2.09	0.70	0.70	2.09	0.70
	2.09	1.39	2.09	2.09	1.39	1.39	2.09	1.39
	2.09	0.00	2.09	2.09	2.09	2.09	2.09	0.00
<b>PO 3201939 Attainment</b>	<b>1.97</b>	<b>1.39</b>	<b>1.28</b>	<b>2.09</b>	<b>1.05</b>	<b>1.63</b>	<b>1.51</b>	<b>0.46</b>

### 3201939 Landscape Architecture

CO Code	Practical	Assignment (Written)	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
3201939.1		65.8	72.6	65.8			66.04	75.6	72.7



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3201939. 2	68.5	72.6				70.55	75.8	73.7
3201939. 3		72.6	68.5		71.2	70.78	75.8	73.8
3201939. 4	60.3	68.5	60.3		71.2	65.07	75.8	71.5
3201939. 5	60.3	69.9	60.3		60.3	62.67	75.8	70.5
3201939. 6		68.5			60.3	64.38	75.8	71.2





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MVPS's SP College of Architecture						
CO Attainment University Examination						
Department:	R. Arch	Name of Teacher:	Nitesh natil	Maximum Marks:	SS-100	
Name of Subject:	LANDSCAPE ARCHITECTURE	Class & Div:	Third year A and B	Weight (in %):	100	
Subject Code:	3201939	Academic Year:	2023-24		1	
University Evaluation						
1. Set Target for A.Y. 2023-24					60	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2022-23(2019PAT)	Mean Marks	64.03	Attainment	
	Current Academic Year Minus 2 (CAYm2): (2020-21)	AY:2021-22(2019PAT)	Mean Marks	54.80		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				59.42	(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				58.70	
					58.70	
	Is b>a (Yes or No)				Y	
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				73	
	d. No. Students Appeared				66	
	e. No. Students Above Actual Avg Marks (a)				50	
	f. % Above Actual Avg Marks = $[(e*100)/d]$				75.76	
	Average SEE Attainment in %				75.76	
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				17		
h. No. Students Pass				56		
i. % of Passing (= $[(h*100)/d]$ )				84.85		



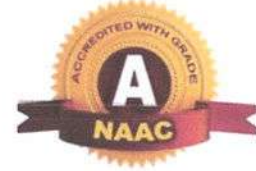




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### PO SUMMARY

#### 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.

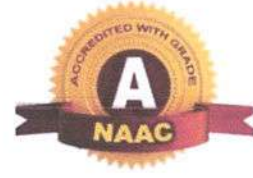




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### Course Outcome and its Relation to Program Outcome:

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
<b>CO 4201915 TARGET</b>	<b>2.8</b>	<b>2.5</b>	<b>2.3</b>	<b>2.6</b>	<b>2.0</b>	<b>2.3</b>	<b>2.6</b>	<b>2.2</b>
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.6	2.6	1.7	2.6	0.9	1.7	0.9	1.7
	2.6	2.6	1.7	2.6	2.6	0.9	2.6	2.6
	2.6	2.6	2.6	0.9	2.6	2.6	2.6	0.9
	2.6	0.9	2.6	2.6	0.9	2.6	2.6	2.6
	2.6	2.6	1.7	2.6	1.7	2.6	2.6	1.7
	1.7	1.7	1.7	0.0	1.7	1.7	0.0	1.7
<b>PO 4201915 Attainment</b>	<b>2.5</b>	<b>2.2</b>	<b>2.0</b>	<b>2.3</b>	<b>1.7</b>	<b>2.0</b>	<b>2.3</b>	<b>1.9</b>



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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		83.5				83.54	88.6	86.6
4201915.2	83.5	86.1				84.81	88.6	87.1
4201915.3	86.1		82.3			84.18	88.6	86.8
4201915.4		87.3	84.8		84.2	85.44	88.6	87.3
4201915.5	87.3	89.9	86.1		86.7	87.50	88.6	88.2
4201915.6	89.9	89.9	44.3			74.68	88.6	83.0

Average CO Attainment = 87.8

### 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:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23(2019PAT)	Mean Marks	27.10	Attainment

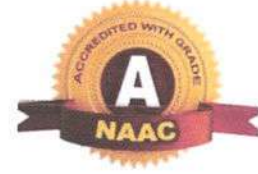




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<b>Current Academic Year (CAY) 2023-24</b>	Current Academic Year Minus 2 (CAYm2): (2021-22)	AY:2021-22(2015PAT)	Mean Marks	25.29		
				<b>26.20</b>		
	<b>a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)</b>				<b>26.20</b>	
	<b>b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)</b>			27.10		
				<b>27.10</b>		
	<b>Is b&gt;a (Yes or No)</b>			<b>Yes</b>		
	<b>If No:Set and submit action plan for all CO</b>				<b>(Weight* Avg.)</b>	
	<b>If Yes</b>					
					<b>1.2</b>	
	<b>c. No. Students On Roll#</b>			<b>79</b>		
	<b>d. No. Students Appeared</b>			<b>79</b>		
	<b>e. No. Students Above Actual Avg Marks (a)</b>			<b>70</b>		
	<b>f. % Above Actual Avg Marks = [(e*100)/d]</b>			<b>88.61</b>		
	<b>Average SEE Attainment in %</b>			<b>88.61</b>		
	<b>Level of CO Attainment through University Examination</b>	<b>Above 50%-</b>	<b>Attainment Level-1</b>	<b>1</b>		
<b>Above 60%-</b>		<b>Attainment Level-2</b>				
<b>Above 70%-</b>		<b>Attainment Level-3</b>				
<b>g. No. Students Fail</b>			<b>4</b>			
<b>h. No. Students Pass</b>			<b>72</b>			
<b>i. % of Passing (= [(h*100)/d])</b>			<b>91.14</b>			



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(Evaluate from results) (2022-23)			63.15	(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#			77	
d. No. Students Appeared			76	
e. No. Students Above Actual Avg Marks (a)			47	
f. % Above Actual Avg Marks =[(e*100)/d]			61.84	
Average SEE Attainment in %			61.84	
Level of CO Attainment through University Examination	Above 50%-	Attainment Level-1	3	
	Above 60%-	Attainment Level-2		



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	Above 70%-	Attainment Level-3		
<b>g. No. Students Fail</b>			<b>5</b>	
<b>h. No. Students Pass</b>			<b>73</b>	
<b>i. % of Passing (= [(h*100)/d])</b>			<b>96.05</b>	



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# MVPS's SP College of Architecture

Udhaji Maratha Boarding Campus, Off Gangapur Road, Nashik-13

Phone: 0253-2570822 E-mail: cansnashik@mvp.edu.in



## 2.6.2

**Attainment of Programme outcomes and course outcomes are evaluated by the institution**

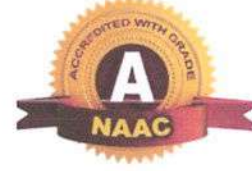
PO Summary - Semester 8



## MVPS's S.P. College of Architecture

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### PO SUMMARY

### ARCHITECTURAL DESIGN – VII

#### Course Outcomes for Architectural Design – VII

4201960.1	<b>CO-1</b>	To know the basics and concept of architectural design in urban context
4201960.2	<b>CO-2</b>	To understand different layers and Complexity addressing Issues of Character, Identity, Built form, Contextually, Advanced Services etc..
4201960.3	<b>CO-3</b>	To apply the basic skillset and knowledge in project by addressing various issues, complexity of functions and aspects in urban context.
4201960.4	<b>CO-4</b>	To compare and analyze relationship between various design elements and complexities of various function, aspects, issues with respect to Project in urban context
4201960.5	<b>CO-5</b>	To acquaint students method of evaluation by overlapping of various aspects like character, socio-economic context, traffic and transportation, environment etc... in urban context
4201960.6	<b>CO-6</b>	To create Architectural design of multifunctional complex in an urban context.



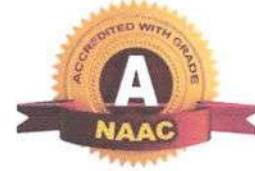




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### Course Outcome and its Relation to Program Outcome:

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
<b>CO 4201960 TARGET</b>	<b>3.0</b>	<b>1.5</b>	<b>3.0</b>	<b>3.0</b>	<b>1.7</b>	<b>3.0</b>	<b>3.0</b>	<b>2.2</b>
(CIF+SFF Avg Attainment)*Map Value of CO-PO / 3	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
	2.29	0.76	2.29	2.29	0.76	2.29	2.29	1.53
	2.29	0.76	2.29	2.29	1.53	2.29	2.29	1.53
	2.29	1.53	2.29	2.29	1.53	2.29	2.29	1.53
	2.29	0.76	2.29	2.29	0.76	2.29	2.29	0.76
	2.29	0.76	2.29	2.29	0.76	2.29	2.29	2.29
<b>PO 4201960Attainment</b>	<b>2.29</b>	<b>1.15</b>	<b>2.29</b>	<b>2.29</b>	<b>1.27</b>	<b>2.29</b>	<b>2.29</b>	<b>1.65</b>



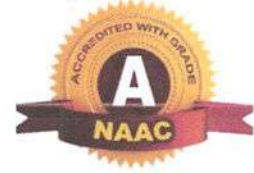
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### CIE & SEE TABLE:

4201960 (SV)-	ARCHITECTURAL DESIGN- VII						
ACO Code	Assignment (Graphical)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201960.1	72.2	-	-	-	72.15	78.1	75.7
4201960.2	77.2	-	-	-	77.22	78.1	77.7
4201960.3	75.9	-	-	72.2	74.05	78.1	76.5
4201960.3	79.7	-	-	72.2	75.95	78.1	77.2
4201960.3		-	-	70.9	70.89	78.1	75.2
4201960.3	69.6	-	-	77.2	73.42	78.1	76.2

Average CO Attainment = 76.4





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SEE:

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:	4201953 (SV)	Academic Year:	2022-23		0.6
University Evaluation					
I. Set Target for A.Y. 2023-24					180
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2020-21)		AY:2020-21(2015PAT)	Mean Marks	168.00
	Current Academic Year Minus 2 (CAYm2): (2022-23)		AY:2022-23(2015PAT)	Mean Marks	172.00
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				170.00
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				190.00
	Is b>a (Yes or No)				Y
	If No: Set and submit action plan for all CO				
	If Yes				1.2
	c. No. Students On Roll#				79
	d. No. Students Appeared				73
	e. No. Students Above Actual Avg Marks (a)				57
	f. % Above Actual Avg Marks = [(e*100)/d]				78.08
	Average SEE Attainment in %				78.08
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				6	
h. No. Students Pass				73	
i. % of Passing (= [(h*100)/d])				100.00	



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*[Signature]*

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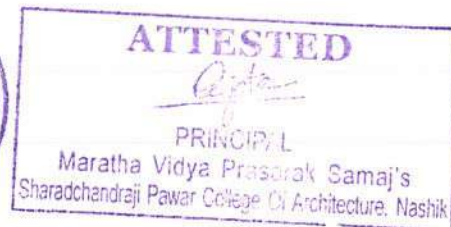
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**PO Summary**  
**A.B.C.S.- II**

**Course outcomes for A.B.C.S – II ( 4201961 )**

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 analyze data( materials ,products) available locally and internationally through survey and market study.
4201961.5	CO5	student should able to justify the method selected to solve the problem.
4201961.6	CO6	The student should be able to propose proper construction technique to improve the design.





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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	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	1	3	1	3
6	3	1	3	1	2	3	2	3
<b>CO -4201961 TARGET</b>	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
<b>PO-4201961 Attainment</b>	<b>1.3422</b>	<b>1.1744</b>	<b>1.3422</b>	<b>1.2583</b>	<b>1.2583</b>	<b>1.0067</b>	<b>1.0906</b>	<b>1.1744</b>



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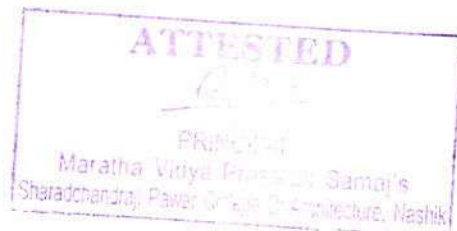
**CIE and SEE table**

4201961 (SV)		ADVANCED BUILDING TECHNOLOGY AND SERVICES 2							
CO Code	Practical	Assignment (Graphical)	Assignment (Written)	Visit	Training	Project	CIE Attain	SEE	CO Attainment
4201961 .1			75.9	78.5			77.22	49.3	60.5
4201961 .2			81.9	65.8			73.84	49.3	59.1
4201961 .3		75.2					75.24	49.3	58.9
4201961 .4			75.7	63.3			69.51	49.3	57.4
4201961 .5		69.1					69.08	49.3	57.2
4201961 .6		72.8					72.78	49.3	58.7

**Average CO attainment : 58.6**

**SEE:**

MVPS's College of Architecture, Nashik						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	VIJAY PAWAR	Maximum Marks:	SV- 150	
Name of Subject:	ADVANCED BUILDING CONSTRUCTION AND SERVICES 2	Class & Div:	FOURTH YR B ARCH	Weight (in %):	120	
Subject Code:	4201961 (SV)	Academic year:	2023-24		0.6	
<b>University Evaluation</b>						
I. Set Target for A.Y. 2023-24					30	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23 (2019PAT)	Mean Marks	84.72	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22 (2019PAT)	Mean Marks	107.62	
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				96.17	(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				101.96	
	Is it 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				75	
	e. No. Students Above Actual Avg Marks (a)				37	
	f. % Above Actual Avg Marks = [(e*100)/d]				49.33	
	Average SEE Attainment in %				49.33	
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				9		
h. No. Students Pass				70		
i. % of Passing = [(h*100)/d]				93.33		

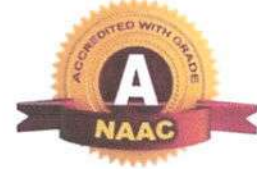




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### PO SUMMARY

#### 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



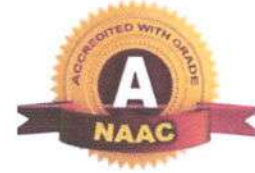
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### Course Outcome and its Relation to Program Outcome:

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
<b>CO 4201915 TARGET</b>	<b>2.8</b>	<b>2.5</b>	<b>2.3</b>	<b>2.2</b>	<b>2.0</b>	<b>2.3</b>	<b>2.2</b>	<b>2.2</b>
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.6	2.6	1.7	2.6	0.9	1.7	0.9	1.7
	2.6	2.6	1.7	2.6	2.6	0.9	2.6	2.6
	2.6	2.6	2.6	0.9	2.6	2.6	2.6	0.9
	2.6	0.9	2.6	2.6	0.9	2.6	2.6	2.6
	2.6	2.6	1.7	2.6	1.7	2.6	2.6	1.7
	1.7	1.7	1.7	0.0	1.7	1.7	0.0	1.7
<b>PO 4201915 Attainment</b>	<b>2.5</b>	<b>2.2</b>	<b>2.0</b>	<b>1.9</b>	<b>1.7</b>	<b>2.0</b>	<b>1.9</b>	<b>1.9</b>







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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		83.5					83.54	88.6
4201962.2	83.5	86.1					84.81	88.6
4201962.3	86.1		82.3				84.18	88.6
4201962.4		87.3	84.8			84.2	85.44	88.6
4201962.5	87.3	89.9	86.1			86.7	87.50	88.6
4201962.6	89.9	89.9	44.3				74.68	88.6

Average CO Attainment = 86.5

### 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:	[SS]	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2018-19					250	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23 (2019PAT)	Mean Marks	26.13	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22 (2015PAT)	Mean Marks	28.95	





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<b>Current Academic Year (CAY) 2022-23</b>	<b>a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)</b>			
	<b>b. Actual Avg. Marks Scored by students (Evaluate from results) (2022-23)</b>			25.9
				<b>25.9</b>
	<b>Is b&gt;a (Yes or No)</b>			<b>No</b>
	<b>If No:Set and submit action plan for all CO</b>			<b>(Weight* Avg.) 0.6</b>
	<b>If Yes</b>			
	<b>c. No. Students On Roll#</b>			<b>79</b>
	<b>d. No. Students Appeared</b>			<b>79</b>
	<b>e. No. Students Above Actual Avg Marks (a)</b>			<b>70</b>
	<b>f. % Above Actual Avg Marks =[(e*100)/d]</b>			<b>88.61</b>
	<b>Average SEE Attainment in %</b>			<b>88.61</b>
	<b>Level of CO Attainment through University Examination</b>	<b>Above 50%-</b>	<b>Attainment Level-1</b>	<b>1</b>
		<b>Above 60%-</b>	<b>Attainment Level-2</b>	
<b>Above 70%-</b>		<b>Attainment Level-3</b>		
<b>g. No. Students Fail</b>			<b>4</b>	
<b>h. No. Students Pass</b>			<b>75</b>	
<b>i. % of Passing (= [(h*100)/d])</b>			<b>94.94</b>	



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### PO Summary

### Project Management (PM)

#### Course outcomes for Professional Practice

4201966.1	CO1	The course will enable students to know the Project management in practice.
4201966.2	CO2	Students will be able to understand difference between modern and traditional project management
4201966.3	CO3	Students will be introduced to the concept of Project- Program- Portfolio and Processes / Policies
4201966.4	CO4	Introduction of Project Phase: Concept and Feasibility, Planning and Design, Construction and Close-out.
4201966.5	CO5	
4201966.6	CO6	

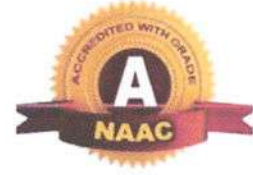




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### Course outcome and its relation to program outcome

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	3	3						
		3	3					
		3	3	3				
			3	3				
				3	3			
					3	3	3	
<b>CO 4201959 TARGET</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>0</b>

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.76	1.76						
		1.76	1.76					
		1.76	1.76	1.76				
			1.76	1.76				
				1.76	1.76			
					1.76	1.76	1.76	
<b>PO 4201959 Attainment</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>0</b>





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### CIE & SEE Table PP

M309					
CO Code	Assignment (Graphical)	Project	CIE Attain	SEE	CO Attainment
4201966.1				58.7	58.7
4201966.2				58.7	58.7
4201966.3				58.7	58.7
4201966.4				58.7	58.7
4201966.5				58.7	58.7
4201966.6				58.7	58.7

Average CO attainment =58.7





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SEE

College of Architecture						
CO Attainment University Examination						
Department:	B. Arch.	Name of Teacher:	Niketa Kothavale	Maximum Marks:	TH-50	
Name of Subject:	PM	Class & Div:	Fourth.Y.B. Arch	Weight (in %):	100	
Subject Code:	420195 9 (PP)	Academic Year:	2023-24		0.5	
University Evaluation						Attainment
1. Set Target for A.Y. 2023-24					60	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)	AY:2022-23(2019PAT )	Mean Marks	57.44		
	current Academic Year Minus 1 (CAYm1): (2021-22)	AY:2021-22(2019PAT )	Mean Marks	52.63		
6 Current Academic Year (CAY) 2022-23	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)				55.04	
	b. Actual Avg. Marks Scored by students				64.24	

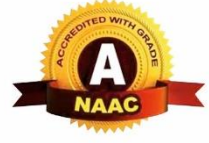




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## Criterion 2 – Teaching- Learning and Evaluation

### Key Indicator – 2.6 Student Performance and learning Outcome (60)

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

#### **B. Des.**

Sr. No.	Contents (Documents)
1	PO Summary Reports A.Y. 2023-24



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**B. Des.  
AY 2023-24**

## PO SUMMARY

S. No.	Course Name	Course Code
	<b>First Year (2023 Pattern)</b>	
1	Fundamentals Of Design I	2023001
	<b>Second Year (2015 Pattern)</b>	
2	Elements of Form I	163491
3	Design Project II	163553
4	Technical Drawing II	163532
5	Design Project II	163485
	<b>Third Year (2015 Pattern)</b>	
6	Design & Working Drawing -III	173579
7	Construction Technology III	173577
8	Materials & Processes IV	173586
9	Design & Working Drawing -IV	173591
	<b>Fourth Year (2015 Pattern)</b>	
10	Design & Working Drawing V	173640





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### PO SUMMARY

### FUNDAMENTALS OF DESIGN – I

#### Course Outcomes for Fundamentals of Design – I

12023001.1	CO-1	The students should be able to know the elements and principles of design.
12023001.2	CO-2	The students should be able to understand or comprehend various design principles like, scale, proportions, design theories, anthropometry etc
12023001.3	CO-3	The students are to do certain exercise, where they will apply the knowledge and develop their own design ideas in two dimensions. They can experiment, construct, organize and model their own design ideas in two dimensions, by making certain patterns, textures colour schemes etc.
12023001.4	CO-4	The students are expected to analyze and inspect their own, peers and other designers, design models, solutions related to the form study or aesthetic study. They should be able to examine, compare and draw conclusion from the study or the learning happened.
12023001.5	CO-5	The student should be able to perceive, appraise and evaluate the elements like scale, proportions, colour and textures and principles related to a design idea, concept, abstract existing or proposed. They should be able to measure, judge and select his relevant design parameters.
12023001.6	CO-6	Students should be able to imagine and create a concepts and solution express by means of compositions, model etc.



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### Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	1	1	-	-	-	-	-
2	3	3	2	-	1	-	-	-
3	2	-	2	1	-	-	-	-
4	3	2	3	1	1	-	-	-
5	2	3	3	2	-	-	-	-
6	-	-	-	-	-	-	-	-
<b>CO 12023001 TARGET</b>	<b>2.6</b>	<b>2.25</b>	<b>2.2</b>	<b>1.33</b>	<b>1.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3		1.83	0.61	-	-	-	1.22	-
	1.83	1.83	1.22	-	-	-	1.83	0.61
	-	-	1.83	0.61	-	0.61	1.83	0.61
	-	-	1.83	1.83	-	1.22	1.83	1.83
	-	-	0.61	1.83	-	0.61	1.83	1.83
	-	-	-	-	-	-	-	-
<b>PO 12023001 Attainment</b>	<b>1.83</b>	<b>1.83</b>	<b>1.22</b>	<b>1.42</b>	<b>-</b>	<b>0.81</b>	<b>1.71</b>	<b>1.22</b>



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### CIE & SEE TABLE:

12023001 (SV)	Fundamentals of Design.I.								
CO Code	Practical	Studio	Assign.	Visit	Training	Project	CIE Attain	SEE	CO Attainment
12023001 .1		91.0					91.03	59.0	71.8
12023001 .2		98.7					98.72	59.0	74.9
12023001 .3		96.0				85.9	90.95	59.0	71.8
12023001 .4						83.3	83.33	59.0	68.7
12023001 .5									
12023001 .6		100.0					100.00	59.0	75.4

Average CO Attainment = 72.5



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### SEE:

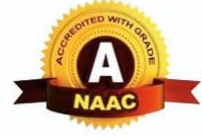
CO Attainment University Examination							
Department:	B. Design.	Name of Teacher:	Smita Kasarpatil, SP, NP, AD	Maximum Marks:	SV- 119		
Name of Subject:	Fundamentals of Design I	Class & sem:	FY B Design .I	Weight (in %):	33		
Subject Code:	12023001	Academic Year:	2023-24		0.66		
University Evaluation							
1. Set Target for A.Y. 2024-25					30		Attainment
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-23)		AY:2022-23	Mean Marks	-		
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22	Mean Marks	-		
					#DIV/0!		
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2018-19 (Average Marks for Last two years)				#DIV/0!		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				101.00		(Weight* Avg.)
	Is b>a (Yes or No)				Y		
	If No:Set and submit action plan for all CO						
	If Yes						
	c. No. Students On Roll#				39		
	d. No. Students Appeared				39		
	e. No. Students Above Actual Avg Marks (a)				23		
	f. % Above Actual Avg Marks =[(e*100)/d]				58.97		
	Average SEE Attainment in %				58.97		
Level of CO Attainment through University Examination			0-30	Attainment Level-1	2		
			30-60	Attainment Level-2			
				Attainment Level-3			
g. No. Students Fail				1			
h. No. Students Pass				38			
i. % of Passing (= [(h*100)/d])				97.44			



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## PO SUMMARY

### Elements of Form – I

#### Course Outcomes for Elements of Form-1

163491.1	CO-1	To define the characteristics of two and three dimensional elements and relate them to interior space.
163491.2	CO-2	To understand cognitive theories related to perception, appreciation and articulation of elements
163491.3	CO-3	Students should be able to illustrate their explorations on the exercises formulated .
163491.4	CO-4	To categorise, co relate, compare and develop their ideations.
163491.5	CO-5	The course enables the students towards analytical thinking, interpretation and analysis of their concepts and their application in Design.
163491.6	CO-6	To develop and compose hands on explorations and models based on exercises given.

#### Course Outcome and its Relation to Program Outcome:

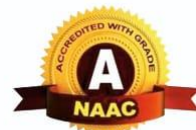
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	1	1	1	0	0
2	3	2	1	1	0	1	0	0
3	3	3	3	1	1	1	0	0
4	3	3	3	1	1	1	0	0
5	2	2	2	1	1	3	0	0
6	3	3	3	1	1	1	1	0
<b>CO163491 TARGET</b>	<b>2.8</b>	<b>2.67</b>	<b>2.16</b>	<b>2</b>	<b>0.833</b>	<b>1.3</b>	<b>0.2</b>	<b>0</b>



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(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.00	2.00	0.67	0.67	0.67	0.67	0.00	0.00
	2.00	1.33	0.67	0.67	0.00	0.67	0.00	0.00
	2.00	2.00	2.00	0.67	0.67	0.67	0.00	0.00
	2.00	2.00	2.00	0.67	0.67	0.67	0.00	0.00
	1.33	1.33	1.33	0.67	0.67	2.00	0.00	0.00
	2.00	2.00	2.00	0.67	0.67	0.67	0.67	0.00
<b>ID163491 Attainment</b>	<b>1.89</b>	<b>1.78</b>	<b>1.44</b>	<b>0.67</b>	<b>0.56</b>	<b>0.89</b>	<b>0.11</b>	<b>0.00</b>

## CIE & SEE TABLE:

EoF-1									
CO Code	Practical	Studio	Assignment Graphical	Visit	Training	Project	CIE Attain	SEE	CO Attainment
163491 .1		66.67				76.92	71.80	58.33	63.72
163491 .2		61.54				76.92	69.23	58.33	62.69
163491 .3		76.92				92.31	84.62	58.33	68.84
163491 .4		69.23				92.31	80.77	58.33	67.31
163491 .5						92.31	92.31	58.33	71.92
163491 .6		61.54				92.31	76.93	58.33	65.77

Average CO Attainment = 66.71

## SEE:

College of Architecture							
CO Attainment University Examination							
Department:	B. Design	Name of Teacher:	Natasha Parsai	Maximum Marks:	SV-100		
Name of Subject:	elements of Form 1	Class & Div:	II yr. B. Des. (Interiors)	Weight (in %):	60		
Subject Code:	163491	Academic Year:	2023-24		0.6		
University Evaluation							Attainment
1. Set Target for A.Y. 2022-23					60		
					SV		
Current Academic Year Minus 1 (CAYm1):			(AY:2022-23)	Mean Marks	64		



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Previous Examination Results	Current Academic Year Minus 2 (CAYm2):	(AY:2021-22)	Mean Marks	54		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)		59.00			
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)		62.00		(Weight* Avg.)	
			62.00			
	Is b>a (Yes or No)			Y		
	If No:Set and submit action plan for all CO					
	If Yes					1.2
	c. No. Students On Roll#			13		
	d. No. Students Appeared			12		
	e. No. Students Above Actual Avg Marks (a)			7		
	f. % Above Actual Avg Marks = $[(e*100)/d]$			58.33		
	Average SEE Attainment in %			58.33		
	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			0			
h. No. Students Pass			12			
i. % of Passing (= $[(h*100)/d]$ )			100.00			



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### PO SUMMARY

#### Design Project II Furniture Design.

##### Course Outcomes for Design Project II.

FD163553.1	CO1	To relate and display the ability to undertake design process by choosing correct intervention
FD163553.2	CO2	To demonstrate the ability of undertaking user research and synthesizing it into meaningful insights
FD163553.3	CO3	To organize the information, facts and construct the opportunities of Design Intervention
FD163553.4	CO4	To synthesize the surveys, information and data to formulate the Design Brief
FD163553.5	CO5	To generate method ideas and develop solutions and conclude on the most appropriate solutions
FD163553.6	CO6	To create working solution and build prototype to demonstrate the check feasibility with target users





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### Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	2	3	2	3	3	2	1	0
2	3	3	3	3	3	3	1	0
3	3	3	3	3	3	3	1	0
4	3	3	3	3	3	3	1	0
5	3	3	1	3	3	3	3	1
6	3	3	1	3	3	2	2	1
<b>FD163553(SV)</b>	<b>2.833</b>	<b>3</b>	<b>2.167</b>	<b>3</b>	<b>3</b>	<b>2.667</b>	<b>1.5</b>	<b>0.333</b>

### CIE & SEE TABLE:

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.65	1.65	1.65	1.65	1.65	1.65	0.55	
	1.65	1.65	1.65	1.65	1.65	1.65	0.55	
	1.65	1.65	1.65	1.65	1.65	1.65	0.55	
	1.65	1.65	0.55	1.65	1.65	1.65	1.65	
	1.65	1.65	0.55	1.65	1.65	1.1	1.1	0.55
	1.558	1.65	1.192	1.65	1.65	1.467	0.825	0.183
<b>PO FD163553(SV) Attainment</b>	<b>1.635</b>	<b>1.65</b>	<b>1.207</b>	<b>1.65</b>	<b>1.65</b>	<b>1.528</b>	<b>0.871</b>	<b>0.367</b>



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### CIE & SEE TABLE:

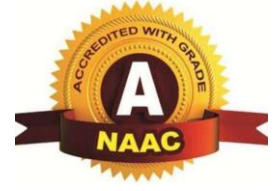
CO Code	Design Project II							FD163553	
	Practical	Studio	Assignment	Visit	Training	Project	CIE Attain	SEE	CO Attainment
FD163553.1			100.0				100.00	42.9	65.7
FD163553.2		64.29	100.0				82.15	42.9	58.6
FD163553.3		71.43	92.86				82.15	42.9	58.6
FD163553.4		78.57	85.71				82.14	42.9	58.6
FD163553.5		71.43	35.71				53.57	42.9	47.1
FD163553.6		42.86					42.86	42.9	42.9
Average CO Attainment									55.2



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SEE:

MVPS's SP College of Architecture, Nashik.						
CO Attainment University Examination						
Department:	B. Des	Name of Teacher:	Prof.Suvarna Patil & Prof.Priyansitambat	Maximum Marks:	150	
Name of Subject:	DESIGN PROJECT II	Class & Div:	Second Year FD	Weight (in %):	60	
Subject Code:	FD163553	Academic Year:	2023-24		0.6	
University Evaluation						Attainment
1. Set Target for A.Y. 2023-24					90	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)	AY:2022-23(2015PAT)	Mean Marks	95.25		
	Current Academic Year Minus 2 (CAYm2): (2021-2022)	AY:2021-22(2015PAT)	Mean Marks	107.17		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				101.21	
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				93.57	(Weight* Avg.)
	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#				7	
	d. No. Students Appeared				7	
	e. No. Students Above Actual Avg Marks (a)				3	
	f. % Above Actual Avg Marks =[(e*100)/d]				42.86	
Average SEE Attainment in %				42.86		



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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			7	
h. No. Students Pass			7	
i. % of Passing (= [(h*100)/d])			100.00	



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## PO SUMMARY

### TECHNICAL DRAWING -II

#### Course Outcomes for Technical Drawing - II

SD163532.1	CO 1	Students should be able to reproduce the detail interior drawings with furniture details showing material and finish specifications.
SD163532.2	CO 2	Students should be able to understand the theory of perspective drawings – one point perspective, two point perspective. Principles of sciography and also the application of the sciography in interior drawings.
SD163532.3	CO 3	Students should be able to illustrate the advance rendering mediums and advanced rendering techniques used for making presentable perspective views.
SD163532.4	CO 4	Students should be able select on detail furniture layout of interior space with showing plans, section, elevation and details with material specification, finishes and levels
SD163532.5	CO 5	Students should be able to choose different rendering techniques to communicate the presentation drawings.
SD163532.6	CO 6	Students should be able to produce the necessary working, perspective drawing and presentation drawings.



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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	1	1	3	1	1	1	1
4	1	1	1	1	1	1	3	1
5	3	1	1	3	1	1	1	1
6	3	3	1	3	3	1	3	1
<b>CO ID173591 TARGET</b>	<b>2.7</b>	<b>2.0</b>	<b>1.0</b>	<b>2.7</b>	<b>1.3</b>	<b>1.0</b>	<b>2.3</b>	<b>1.0</b>
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.9	1.99	0.66	1.99	0.66	0.633	1.9	0.633
	1.9	2.25	0.75	2.25	0.75	0.75	2.25	0.7
	1.9	0.75	0.75	2.25	0.75	0.75	0.75	0.7
	0.633	0.75	0.75	0.75	0.75	0.75	2.25	0.7
	1.9	0.75	0.75	2.25	0.75	0.75	0.75	0.7
	1.9	2.25	0.75	2.25	2.25	0.75	2.25	0.7
<b>PO ID173591 Attainment</b>	<b>1.69</b>	<b>1.46</b>	<b>0.74</b>	<b>1.96</b>	<b>0.99</b>	<b>0.73</b>	<b>1.69</b>	<b>0.69</b>



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## CIE & SEE TABLE:

SD163532		TECHNICAL DRAWING -II						
CO Code	Practical	Studio	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
ID173591.1		89.3				89.29	57.1	70.0
ID173591.2		89.3				89.29	57.1	70.0
ID173591.3		82.1				82.14	57.1	67.1
ID173591.4		82.1				82.14	57.1	67.1
ID173591.5		85.7				85.71	57.1	68.6
ID173591.6		0.00				0.00	57.1	34.3

Average CO Attainment = 62.9

College of Architecture						
CO Attainment University Examination						
Department:	B. DES	Name of Teacher:	Saylee Bhosale	Maximum Marks:	SS- 100	
Name of Subject:	TECHNICAL DRAWING -- II	Class & Div:	SY B.DES	Weight (in %):	60	
Subject Code:	SD163532	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					57	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2022-23(2015PAT)	Mean Marks	55	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22(2015PAT)	Mean Marks	59	
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)				57.00	(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				68.00	
	Is b>a (Yes or No)				Y	
	If No:Set and submit action plan for all CO					
	If Yes					1.2
	c. No. Students On Roll#				7	
	d. No. Students Appeared				7	
	e. No. Students Above Actual Avg Marks (a)				4	
	f. % Above Actual Avg Marks =[(e*100)/d]				57.14	
	Average SEE Attainment in %				57.14	
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				0		
h. No. Students Pass				7		
i. % of Passing (= [(h*100)/d])				100.00		



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### PO SUMMARY

#### Design Project II Product Design.

##### Course Outcomes for Design Project II.

PD163485.1	CO1	To relate and display the ability to undertake design process by choosing correct intervention
PD163485.2	CO2	To demonstrate the ability of undertaking user research and synthesizing it into meaningful insights
PD163485.3	CO3	To organize the information, facts and construct the opportunities of Design Intervention
PD163485.4	CO4	To synthesize the surveys, information and data to formulate the Design Brief
PD163485.5	CO5	To generate ideas and develop solutions and conclude on the most appropriate solutions
PD163485.6	CO6	To create working solution and build prototype to demonstrate the check feasibility with target users





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### Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	2	3	2	3	3	2	1	0
2	3	3	3	3	3	3	1	0
3	3	3	3	3	3	3	1	0
4	3	3	3	3	3	3	1	0
5	3	3	1	3	3	3	3	1
6	3	3	1	3	3	2	2	1
<b>PD163485 (SV)</b>	<b>2.833</b>	<b>3</b>	<b>2.167</b>	<b>3</b>	<b>3</b>	<b>2.667</b>	<b>1.5</b>	<b>0.333</b>

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.98	1.98	1.98	1.98	1.98	1.98	0.66	
	1.98	1.98	1.98	1.98	1.98	1.98	0.66	
	1.98	1.98	1.98	1.98	1.98	1.98	0.66	
	1.98	1.98	0.66	1.98	1.98	1.98	1.98	
	1.98	1.98	0.66	1.98	1.98	1.32	1.32	0.66
	1.87	1.98	1.43	1.98	1.98	1.76	0.99	0.22
<b>PD163485 (SV) Attainment</b>	<b>1.962</b>	<b>1.98</b>	<b>1.448</b>	<b>1.98</b>	<b>1.98</b>	<b>1.833</b>	<b>1.045</b>	<b>0.44</b>



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### CIE & SEE TABLE:

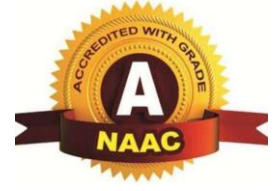
CO Code	Design Project II								
	Practical	Studio	Assignment	Visit	Training	Project	CIE Attainment	SEE	CO Attainment
PD163485.1			86.7				86.67	0.0	34.7
PD163485.2		90.0	86.7				88.34	0.0	35.3
PD163485.3		90.0	86.7				88.34	0.0	35.3
PD163485.4		80.0	86.7				83.34	0.0	33.3
PD163485.5		76.7	86.7				81.67	0.0	32.7
PD163485.6		76.67	86.7				81.67	0.0	32.7
Average CO Attainment									66.0



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SEE:

MVPS's SP College of Architecture, Nashik.							
CO Attainment University Examination							
Department:	B. Des	Name of Teacher:	Prof.Suvarna Patil & Prof.Priyansitambat	Maximum Marks:	150		
Name of Subject:	DESIGN PROJECT II	Class & Div:	Second Year PD	Weight (in %):	60		
Subject Code:	PD163485	Academic Year:	2023-24		0.6		
University Evaluation							Attainment
1. Set Target for A.Y. 2023-24					90		
					TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2022-23(2015PAT)	Mean Marks	106.58		
	Current Academic Year Minus 2 (CAYm2): (2021-2022)		AY:2021-22(2015PAT)	Mean Marks	74.78		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				90.68		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				106.25		(Weight* Avg.)
	Is b>a (Yes or No)				yes		
	If No:Set and submit action plan for all CO						
	If Yes						1.2
	c. No. Students On Roll#				15		
	d. No. Students Appeared				15		
	e. No. Students Above Actual Avg Marks (a)				8		
f. % Above Actual Avg Marks =[(e*100)/d]				53.33			



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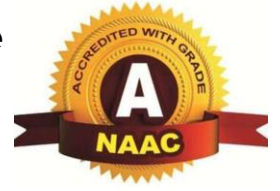
	<b>Average SEE Attainment in %</b>			<b>53.33</b>	
	<b>Level of CO Attainment through University Examination</b>	<b>0-30</b>	<b>Attainment Level-1</b>	<b>2</b>	
		<b>30-60</b>	<b>Attainment Level-2</b>		
		<b>Above 60</b>	<b>Attainment Level-3</b>		
	<b>g. No. Students Fail</b>			<b>0</b>	
	<b>h. No. Students Pass</b>			<b>15</b>	
	<b>i. % of Passing (= [(h*100)/d])</b>			<b>100.00</b>	



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## PO SUMMARY

### **Design and Working Drawing III Interior Design.**

#### **Course Outcomes for Design and Working Drawing III.**

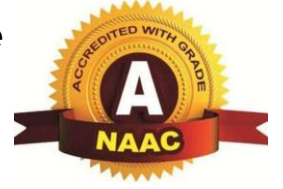
<b>173579 .1</b>	CO1	Students should be able to relate the design solution to the function, anthropometry and ergonomics of a commercial interior space.
<b>173579 .2</b>	CO2	Students should be able to demonstrate the understanding of the overlap of volume, function and aesthetics of a commercial interior space.
<b>173579 .3</b>	CO3	Students should be able to develop the brand identity for the stake holders through a concept based approach to the design process and methodology.
<b>173579 .4</b>	CO4	Students should be able to analyze the interior spaces in terms of volume, function, sustainability, aesthetics, multiple users experience and economic parameters for commercial and retail activities.
<b>173579 .5</b>	CO5	Students should be able to assess the strengths and weaknesses of a design solution for a retail space based on the analytical study of the volume of the space, activity, function, multiple user interface and aesthetics.
<b>173579 .6</b>	CO6	Students should be able to create a design for a commercial interior space which fulfills the functional, ergonomic, aesthetic and branding requirements of the stake holders.



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## Course outcome and its relation to program outcome

### Design and Working Drawing III

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	3	2	2	1	1
2	3	3	3	3	3	2	2	1
3	3	3	3	3	2	3	1	1
4	3	3	3	3	2	3	3	1
5	3	3	3	3	1	3	3	1
6	3	3	3	3	1	3	3	1
<b>173579</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1.83</b>	<b>2.66</b>	<b>2.16</b>	<b>1</b>

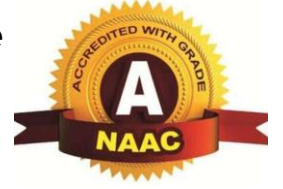
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.9	1.9	1.9	1.9	1.267	1.26	0.63	
	1.9	1.9	1.9	1.9	1.9	1.26	1.26	
	1.9	1.9	1.9	1.9	1.267	1.9	0.63	
	1.9	1.9	1.9	1.9	1.267	1.9	1.9	
	1.9	1.9	1.9	1.9	0.633	1.9	1.9	
	1.9	1.9	1.9	1.9	0.633	1.9	1.9	
<b>173579 Attainment</b>	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>	<b>1.16</b>	<b>1.68</b>	<b>1.37</b>	<b>#####</b>



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## Design and Working Drawing III

### CIE and SEE Table

CO Code	Practical	Studio	Assignment	Visit	Training	Project	CIE Attain	SEE	CO Attainment
173579 .1	54.7					54.69	68.8	63.1	54.7
173579 .2	46.1					46.09	68.8	59.7	46.1
173579 .3	56.3					56.25	68.8	63.8	56.3
173579 .4	63.3					63.28	68.8	66.6	63.3
173579 .5	62.5					62.50	68.8	66.3	62.5
173579 .6	50.00					50.00	68.8	61.3	50.00

**Average CO attainment: 63.4**



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## SEE

M.V.P.S.'s S.P. College of Architecture						
CO Attainment University Examination						
Department:	B. Des.	Name of Teacher:	Zia Shaikh	Maximum Marks:	SS-200	
Name of Subject:	Design and Working Drawing III	Class & Div:	TY B.Des	Weight (in %):	120	
Subject Code:	173579	Academic Year:	2023-24		1.2	
University Evaluation						
1. Set Target for A.Y. 2023-24					120	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2020-19(2015PAT)	Mean Marks	105.00	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2019-18(2015PAT)	Mean Marks	96.46	
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				100.73	(Weight * Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				118.62	
	Is b>a (Yes or No)				Yes	
	If No:Set and submit action plan for all CO					
	If Yes				2.4	
	c. No. Students On Roll#				16	
	d. No. Students Appeared				16	
	e. No. Students Above Actual Avg Marks (a)				11	
	f. % Above Actual Avg Marks =[(e*100)/d]				68.75	
	Average SEE Attainment in %				68.75	
	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				13		
i. % of Passing (= [(h*100)/d])				81.25		





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## PO SUMMARY

### Construction Technology III Interior Design.

#### Course Outcomes.

173577 .1	CO1	Students should be able to define the standard and simple construction techniques applied in the interior space design.
173577 .2	CO2	Students should be able to relate the application of various materials to their function and structural requirements of various interior space elements.
173577 .3	CO3	Students should be able to apply specific materials and construction techniques to build the various interior space elements.
173577 .4	CO4	Students should be able to analyze the function, technical and aesthetic requirements of various interior space elements.
173577 .5	CO5	Students should be able to illustrate the various carpentry joineries, construction techniques and materials utilized in the construction of interior space elements.
173577 .6	CO6	Students should be able to formulate the construction techniques and propose the materials to build various interior space elements.



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## Course Outcome and its Relation to Program Outcome

### Construction Technology III

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	3	1	3	3	1	1
2	1	3	3	3	3	1	1	1
3	3	3	3	3	3	3	1	1
4	1	3	3	3	1	3	1	1
5	2	3	3	3	1	3	1	1
6	3	3	3	3	3	3	1	1
<b>173577</b>	<b>2.16</b>	<b>3</b>	<b>3</b>	<b>2.67</b>	<b>2.33</b>	<b>2.66</b>	<b>1</b>	<b>1</b>

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.81	1.81	1.81	0.60	1.81	1.81	0.60	
	0.60	1.81	1.81	1.81	1.81	0.60	0.60	
	1.81	1.81	1.81	1.81	1.81	1.81	0.60	
	0.60	1.81	1.81	1.81	0.60	1.81	0.60	
	1.20	1.81	1.81	1.81	0.60	1.81	0.60	
	1.81	1.81	1.81	1.81	1.81	1.81	0.60	
<b>PO 173577 Attainment</b>	<b>1.30</b>	<b>1.81</b>	<b>1.81</b>	<b>1.60</b>	<b>1.40</b>	<b>1.60</b>	<b>0.60</b>	



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## CIE & SEE table

Construction Technology III									
CO Code	Practical	Studio	Assignment	Visit	Training	Project	CIE Attain	SEE	CO Attainment
173577 .1		50.8					50.78	75.0	65.3
173577 .2		44.5					44.53	75.0	62.8
173577 .3		41.4					41.41	75.0	61.6
173577 .4		45.3					45.31	75.0	63.1
173577 .5		50.0					50.00	75.0	65.0
173577 .6		0.00					0.00	75.0	45.0

**Average CO attainment: 60.5**



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## SEE

M.V.P.S's S.P. College of Architecture						
CO Attainment University Examination						
Department:	B. Des.	Name of Teacher:	Zia Shaikh	Maximum Marks:	SS-100	
Name of Subject:	Construction Tecnology III	Class & Div:	TY B.Des	Weight (in %):	60	
Subject Code:	173577	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					60	
				TH		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2020-19(2015PAT)	Mean Marks	59.70	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2019-18(2015PAT)	Mean Marks	55.53	
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				57.62	(Weight * Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				58.87	
	Is b>a (Yes or No)				Yes	
	If No:Set and submit action plan for all CO					
	If Yes				1.2	
	c. No. Students On Roll#				16	
	d. No. Students Appeared				16	
	e. No. Students Above Actual Avg Marks (a)				12	
	f. % Above Actual Avg Marks =[(e*100)/d]				75.00	
	Average SEE Attainment in %				75.00	
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				2		
h. No. Students Pass				14		
i. % of Passing (= [(h*100)/d])				87.50		



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## PO SUMMARY

### **Materials and Processes IV Interior Design.**

#### **Course Outcomes.**

<b>173586 .1</b>	CO1	Students should be able to classify various hard and soft materials based on their physical properties, chemical properties and applications.
<b>173586 .2</b>	CO2	Students should be able to choose the relevant materials for different hard and soft surface finish applications considering their properties.
<b>173586 .3</b>	CO3	Students should be able to apply specific materials to achieve the desired functional and aesthetic finish.
<b>173586 .4</b>	CO4	Students should be able to analyze the strengths and limitations of different hard and soft finishing materials.
<b>173586 .5</b>	CO5	Students should be able to assess the possibilities of application of various hard and soft surface finishing materials based on their properties.
<b>173586 .6</b>	CO6	Students should be able to combine various hard and soft finishing materials to create a functional and aesthetically pleasing habitable interior spaces



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## Materials and Processes IV

### 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	1
2	2	3	3	3	1	3	1	1
3	3	3	3	3	1	2	1	1
4	3	3	3	3	1	1	1	1
5	3	3	3	3	2	3	1	1
6	1	1	1	1	1	1	1	1
<b>173589</b>	<b>2.5</b>	<b>2.66</b>	<b>2.33</b>	<b>2.33</b>	<b>1.16</b>	<b>2.16</b>	<b>1</b>	<b>1</b>

(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	1.59	1.59	0.53	0.53	0.53	1.59	0.53	
	1.06	1.59	1.59	1.59	0.53	1.59	0.53	
	1.59	1.59	1.59	1.59	0.53	1.06	0.53	
	1.59	1.59	1.59	1.59	0.53	0.53	0.53	
	1.59	1.59	1.59	1.59	1.06	1.59	0.53	
	0.53	0.53	0.53	0.53	0.53	0.53	0.53	
<b>173586 Attainment</b>	<b>1.32</b>	<b>1.41</b>	<b>1.23</b>	<b>1.23</b>	<b>0.61</b>	<b>1.14</b>	<b>0.53</b>	<b>#####</b>



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## CIE and SEE table

Materials and Processes IV									
CO Code	Practical	Studio	Assignment	Visit	Training	Project	CIE Attain	SEE	CO Attainment
173586 .1		50.8					50.78	56.3	54.1
173586 .2		48.4					48.44	56.3	53.1
173586 .3		45.3					45.31	56.3	51.9
173586 .4		44.5					44.53	56.3	51.6
173586 .5		46.9					46.88	56.3	52.5
173586 .6		56.25					56.25	56.3	56.3

**Average CO attainment: 53.25**



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## SEE

M.V.P.S,s S.P. College of Architecture						
CO Attainment University Examination						
Department:	B. Des.	Name of Teacher:	Zia Shaikh	Maximum Marks:	SS-100	
Name of Subject:	Materials & Processes IV	Class & Div:	TY B.Des	Weight (in %):	60	
Subject Code:	173586	Academic Year:	2023-24		0.6	
University Evaluation						
1. Set Target for A.Y. 2023-24					60	
					TH	
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2020-19(2015PAT)	Mean Marks	71.30	Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2019-18(2015PAT)	Mean Marks	58.37	
Current Academic Year (CAY) 2018-19	a. Targeted Average Marks for AY. 2023-24 (Average Marks for Last two years)				60.84	(Weight * Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				50.31	
	Is b>a (Yes or No)				No	
	If No:Set and submit action plan for all CO					
	If Yes					
	c. No. Students On Roll#				16	
	d. No. Students Appeared				16	
	e. No. Students Above Actual Avg Marks (a)				9	
	f. % Above Actual Avg Marks $=[(e*100)/d]$				56.25	
	Average SEE Attainment in %				56.25	
	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				3		
h. No. Students Pass				13		
i. % of Passing $(= [(h*100)/d])$				81.25		





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## PO SUMMARY

### DESIGN AND WORKING DRAWING IV

#### Course Outcomes for Design And Working Drawing IV

ID173591.1	CO 1	Students should be able to describe the service oriented typologies and its influences on interior spaces.
ID173591.2	CO 2	Students should be able to understand the services and structure as inseparable part of design process.
ID173591.3	CO 3	Students should be able to produce their own Design Process, Design Briefs, planning and design formulation in terms of interior execution.
ID173591.4	CO 4	Students should be able to analyze the design as a synthesis of various functions, services, socio cultural element.
ID173591.5	CO 5	Students should be able to recommend ambience of building and interior space to create experience.
ID173591.6	CO 6	Students should be able to design the given typology as per the design concept and design brief and also compose necessary working and presentation drawings.



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### Course Outcome and its Relation to Program Outcome:

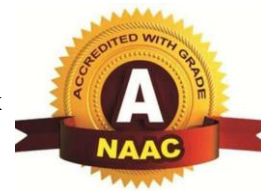
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	3	3	1	1	1
2	3	3	3	3	3	1	1	1
3	3	3	3	3	1	3	3	1
4	3	3	3	3	1	1	1	1
5	1	1	1	3	1	3	3	1
6	1	1	1	3	1	1	1	1
CO ID173591 TARGET	2.3	2.3	2	3	1.7	1.7	1.7	1
(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.26	2.26	0.75	2.26	2.26	0.75	0.75	0.75
	2.25	2.25	2.25	2.25	2.25	0.75	0.75	0.75
	2.25	2.25	2.25	2.25	0.75	2.25	2.25	0.75
	2.25	2.25	2.25	2.25	0.75	0.75	0.75	0.75
	0.75	0.75	0.75	2.25	0.75	2.25	2.25	0.75
	0.75	0.75	0.75	2.25	0.75	0.75	0.75	0.75
PO ID173591 Attainment	1.75	1.75	1.50	2.25	1.25	1.25	1.25	0.75



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## CIE & SEE TABLE:

ID173591		DESIGN AND WORKING DRAWING IV						
CO Code	Practical	Studio	Assignment (Graphical)	Visit	Project	CIE Attain	SEE	CO Attainment
ID173591.1		93.8				93.75	62.5	75.0
ID173591.2		93.8				93.75	62.5	75.0
ID173591.3		93.8				93.75	62.5	75.0
ID173591.4		95.3				95.31	62.5	75.6
ID173591.5		95.8				95.83	62.5	75.8
ID173591.6		93.75				93.75	62.5	75.0

Average CO Attainment = 75.2

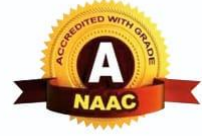
College of Architecture							
CO Attainment University Examination							
Department:	B. Des	Name of Teacher:	Saylee Bhosale	Maximum Marks:	150		
Name of Subject:	DESIGN AND WORKING DRAWING IV	Class & Div:	TY B.Des	Weight (in %):	60		
Subject Code:	ID173591	Academic Year:	2023-24		0.6		
University Evaluation							
I. Set Target for A.Y. 2022-23					60		
Previous Examination Results	Current Academic Year Minus 1 (CAYm1): (2022-2023)		AY:2022-23(2015PAT)	Mean Marks	122		Attainment
	Current Academic Year Minus 2 (CAYm2): (2021-22)		AY:2021-22(2015PAT)	Mean Marks	103		
Current Academic Year (CAY) 2023-24	a. Targeted Average Marks for AY. 2021-22 (Average Marks for Last two years)				112.50		(Weight* Avg.)
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)				136		
	Is b>a (Yes or No)				Y		
	If No:Set and submit action plan for all CO						1.8
	If Yes						
	c. No. Students On Roll#				16		
	d. No. Students Appeared				16		
	e. No. Students Above Actual Avg. Marks (a)				10		
	f. % Above Actual Avg Marks =[(e*100)/d]				62.50		
	Average SEE Attainment in %				62.50		
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				1			
h. No. Students Pass				15			
i. % of Passing (= [(h*100)/d])				93.75			



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## PO SUMMARY

### Design & Working Drawing V

#### Course Outcomes for Design & Working Drawing V

173640.1	CO-1	To describe the complex interior design typologies and their functional requirements.
173640.2	CO-2	To make students develop a sense of understanding multi-functional aspect, and functional requirements of design typologies, through data collection and case studies.
173640.3	CO-3	Students will be able to plan and develop functional, technical, and environmental, social and aesthetical, aspects of interior design.
173640.4	CO-4	To categorise, co relate, compare and develop their ideations and to work ahead in Design Process.
173640.5	CO-5	The course enables the students towards analytical thinking, interpretation and analysis of design schemes.
173640.6	CO-6	The course enables the students to design Interiors of a defined typology of space, based on the knowledge gained in the process.

#### Course Outcome and its Relation to Program Outcome:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	3	3	1	3	1	3	1	0
2	2	3	1	1	1	1	3	0
3	3	3	2	3	1	1	2	0
4	1	3	2	1	1	1	3	0
5	2	3	3	2	1	0	3	0
6	2	3	3	2	1	2	2	0
<b>CO 173640 TARGET</b>	<b>2.2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1.3</b>	<b>2.3</b>	<b>0</b>



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(CIE+SEE Avg Attainment)*Map Value of CO-PO / 3	2.21	2.21	0.74	2.21	0.74	2.21	0.74	0
	1.47	2.21	0.74	0.74	0.74	0.74	2.21	0
	2.21	2.21	1.47	2.21	0.74	0.74	1.47	0
	0.74	2.21	1.47	0.74	0.74	0.74	2.21	0
	1.47	2.21	2.21	1.47	0.74	0.00	2.21	0
	1.47	2.21	2.21	1.47	0.74	1.47	1.47	0
<b>ID173640Attainment</b>	<b>1.60</b>	<b>2.21</b>	<b>1.47</b>	<b>1.47</b>	<b>0.74</b>	<b>0.98</b>	<b>1.72</b>	<b>0</b>

## CIE & SEE TABLE:

Design & Working Drawing V									
CO Code	Practical	Studio	Assignment Graphical	Visit	Training	Project	CIE Attain	SEE	CO Attainment
173640.1			50.00			85.00	67.50	80.00	75.00
173640.2			63.33			70.00	66.67	80.00	74.67
173640.3			65.00			90.00	77.50	80.00	79.00
173640.4			65.00			90.00	77.50	80.00	79.00
173640.5			53.33				53.33	80.00	69.33
173640.6			43.33				43.33	80.00	65.33

Average CO Attainment = 73.72

## SEE:

College of Architecture							
CO Attainment University Examination							
Department:	B. Design	Name of Teacher:	Natasha Parsai	Maximum Marks:	SV-200		
Name of Subject:	Design V	Class & Div:	IV yr. B. Des. (Interiors)	Weight (in %):	60		
Subject Code:	173640	Academic Year:	2023-24		0.6		
University Evaluation							Attainment
1. Set Target for A.Y. 2022-23				60			
				SV			



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Previous Examination Results	Current Academic Year Minus 1 (CAYm1)	(AY:2022-23)	Mean Marks	107.00		
	Current Academic Year Minus 2 (CAYm2)	(AY:2021-22)	Mean Marks	86.00		
Current Academic Year (CAY) 2023-24				96.50		
	a. Targeted Average Marks for AY. 2022-23 (Average Marks for Last two years)			96.50		
	b. Actual Avg. Marks Scored by students (Evaluate from results) (2023-24)			119.00		(Weight* Avg.)
				119.00		
	Is b>a (Yes or No)			Y		
	If No: Set and submit action plan for all CO					
	If Yes					1.8
	c. No. Students On Roll#			10		
	d. No. Students Appeared			10		
	e. No. Students Above Actual Avg Marks (a)			8		
	f. % Above Actual Avg Marks = [(e*100)/d]			80.00		
	Average SEE Attainment in %			80.00		
	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			0			
h. No. Students Pass			10			
i. % of Passing (= [(h*100)/d])			100.00			