



**Bharati Vidyapeeth**  
**COLLEGE OF ARCHITECTURE**

Affiliated to the University of Mumbai



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M.A., L.L.B., Ph.D.

Belpada Complex, Opp. Kharghar Rly. Station,  
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Principal


**Prof. Satish Dhale**  
(G.D.DID, P.G.DID, IIA, M.Sc.ID, M.Arch)

Ref. No. : BV/COA/N.M/J

Date :

**CRITERIA 2**  
**TEACHING LEARNING & EVALUATION**



  
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**2.6**  
**STUDENT PERFORMANCE AND LEARNING**  
**OUTCOME**



  
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**2.6.2– Attainment of program outcomes and course outcomes are evaluated by Institution**

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## 1. Description


Attainment of program outcomes (POs) and program specific outcomes (PSOs) are done by Institute. The faculties individually prepared CO, PO and PSO attainment of their allotted subject for the academic year 2023-2024. The logical CO-PO mapping is prepared for each subject in the scale ranging from 1- 3 (3 – substantial, 2 – Moderate, 1 – Low). The weighted average of CO PO and PSO is calculated and the rounded digit of weighted average is set as target level for the respective COs and POs. Sample sheets of CO PO mapping for each semester are included under this criteria. The overall summary of PO and PSO attainment is analysed by Principal.

### *Method of CO attainment*

CO attainment is measured in terms of direct and indirect attainment as given below in table. If the CO attainment is below the set target the action plan for improvement of CO in the next academic year is proposed. The average CO for each subject is calculated and used in further PO and PSO attainment.

Assessment Type	Assessment Tool	Direct CO Attainment in	Overall CO Attainment (0.5*IE + 0.5*EE)
Direct Assessment (DA)	Internal/ Sessional (IE)	50%	(0.5*IE + 0.5*EE)
	Theory paper/End term Exam/ Jury/Viva (EE)	50%	
CO Attainment target levels	50 % of students scoring pass marks = Level 1 60 % of students scoring pass marks = Level 2 70 % of students scoring pass marks = Level 3		



  
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***Method of PO & PSO attainment***

The program outcomes and Program specific outcomes are calculated by using the below formula and the action plan for improvement of PO and PSO is proposed. The summary sheet of overall Po and PSO for semester 1 to semester 10 is prepared for overall analysis. The overall PO PSO attainment for all the semesters is prepared in Excel sheet.

$$PO = \frac{\text{weighted average value of PO X Avg. CO Attainment}}{3}$$

**Note:** CO PO Attainment has been computed for B.Arch and B.Voc programs. Hereby presented is the CO PO attainment for B.Arch Program only. For each semester four subjects i.e. two theory subjects and two design subjects CO PO attainment have been presented.



  
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## 2. Overall PO-PSO Summary

### Bachelor of Architecture (B. Arch) -Overall PO –PSO Summary of Academic Year 2023-2024

PO	PO Statement	PO Attainment Value
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.711
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.539
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.586
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	1.712
PO5	The education and knowledge imparted in the institution instills professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.642
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	1.532
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.532
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.621
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.708
PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and application into conceptualisation of design modules by consideration of alternative perspectives.	1.562
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.596
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.573



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### 3. Analysis of Program Outcomes & Program Specific Outcomes

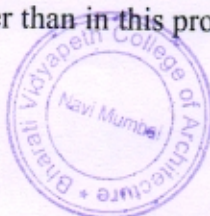
From the Academic Year 2023-24, we have implemented the CO-PO mapping and its attainment. Since it's the first time this mapping was done, it is observed that the POs are not entirely achieved. The following reasons are cited for not being able to achieve the POs substantially:

#### A. Qualitative/ Pedagogical Issues

1. The students are studying in difficult conditions during the COVID crisis which has resulted in moderate performance of students during subsequent years.
2. It was difficult for students as well as faculty to adjust from the online mode to the offline mode. It was challenging for the faculty to decipher the real extent of the student's understanding and knowledge due to the liberal assessment policy of the colleges in general during the COVID crisis.
3. The curriculum and mode of teaching-learning prior to taking admission in a creativity-based course like Architecture, shifts the majority of onus on the faculty of the architectural stream to make lots of efforts to shift the thinking of students of Architecture from logical reasoning-based learning to design-based creative learning.
4. Social connection with academics and professionals is not achieved through the limited exposure during the COVID period. The pre-COVID scenario had the Institute take initiatives in the social realm of the city of Navi Mumbai and the communities around it through organizations like NMMC, PMC, Rotary, and other NGOs.
5. During the COVID crisis, domestic and international tours, which are a part of the learning beyond classroom program of architecture curriculum could not be catered to, and hence the overall learning experience of the students was reduced considerably.

#### B. Quantitative Issues:

1. Overall drop in Architecture as a course for the professional aspiration of the new generation as the market salary and demand for Architect as a professional is at a saturated level. The payment in other sectors is much higher than in this profession, though in the long run, the profession is quite





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- satisfying in terms of monetary benefits. This aspect has resulted in the number of students taking admission to this course as well as a number of quality students opting for this course.
2. The number of Architecture Colleges mushrooming in Mumbai metropolitan region has resulted in the quality deteriorating and the delay in the admission process in Maharashtra State has further dwindled the chances of bright students opting for this stream of education.
  3. The lack of Workshops and electives which were offered prior to the COVID Crisis has also seen apathy from the student's end to come to college as inter-disciplinary learning is partaken through these co-curricular activities and was always keeping the students engaged in college.
  4. The complex co-ordination system of the Administrative and examination procedures leave little time for the Faculty to concentrate on the aspects of improvised teaching- learning methods of classroom imparting of knowledge and hence creates a gap in understanding by the average students. Though remedial classes are taken, but it does not infiltrate at the level of understanding aspired by both the teacher as well as the student.



  
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## 4. PO PSO Corrective Measures

The corrective measures for the above mentioned aspects can be dealt with in the Vision Plan of the Institute in the following categories:

### A. Qualitative/ Pedagogical Vision:

1. It is essential to acknowledge the levels of information to be provided to the students entering the Architecture Institute. The theoretical courses need to be designed to expose students to Theories and Practices in Architecture gradually. The vertical arc of learning of the subjects required to inculcate design thinking needs to be carefully calibrated – from fundamental understandings to more elaborate critical readings of culture and the role of architecture as well as architects in society.
2. Students and Faculty need to be encouraged to widen their professional horizons through out of box learning through conferences, seminars, and exhibitions related to the architecture profession as an inter-disciplinary approach towards teaching-learning needs to be amalgamated with the curriculum to make the budding architects understand their role in the society. Their grooming at the institute level is certainly going to impact the larger cause of the nation building and have a global impact. This can be further taken up as a case-based study achieved through interaction with practicing architects who can engage with students to make them understand the grassroots-level issues in practice and society at large.
3. PSO 1 Hands-on Approach towards visualization with the dissolution of the fragmented studios can be replaced by beginning-to-end schedules with a more structured and comprehensive pedagogy. Design thinking can be accentuated by way of end-to-end assignments planned towards a more interdisciplinary approach.
4. PSO 2 Certain electives can be curated at an early stage for architecture students so that they can be trained to address stakeholders in the profession and they can be more profession-ready as entrepreneurs, ready to set up their own office/ start-ups in the professional realm.



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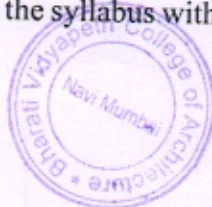
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5. PSO 3 Academic Research culture should be nurtured to allow knowledge creation and keep lifelong learning for Faculty to advance and update their professional capabilities as Architects in Academics. This will percolate amongst the students.
6. International Study Tours and Global Exposure can be planned by designing interactive sessions with internationally active professionals. The multiple MOUs the institute has can work towards such global exposure and learning which will prepare the students to tackle global issues and opportunities. The decade-long initiative of conducting an Indo-French Workshop will be in the vision plan of the institute to enhance this trans-disciplinary learning.
7. Another Focus area taken up by the Institute till 2020 can be revived by focusing and orienting the Design and exploration approach towards learning by case studies: Vernacular and Traditional Knowledge systems were integrated earlier with the course program with study tours focusing on the study of a particular climatic zone and the vernacular approach of the settlement and building design. These field trips and documentation initiatives helped the students to understand firsthand the age-old techniques of design and building systems along with the climate and locational responsive approaches in which the indigenous community engaged.
8. The Faculty in the first year of Architecture needs to be more seasoned and mature with the ability to handle and smoothen this transition of a non-creative background student to mold into a creative and design-oriented professional.
9. The earlier initiatives of engaging in the public realm with the local municipalities, Rotary International Chapter, or other NGOs need to be revived and plugged in with the curriculum to boost the symbiotic relationship between the institute and its immediate vicinity. This also enhances the understanding the aspiring architects have of societal needs and their role in it.

## B. Quantitative Issues:

1. An inter-disciplinary teaching-learning pedagogy needs to be implemented at the Institute level with a focus on weaving the syllabus with more Technological advances which can aid in enhancing





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- the visualization skills of the aspiring students. The aids such as the CNC machines and parametric design software can build up the confidence of the students towards their pursuit of creative excellence.
2. The inter-disciplinary approach which can be introduced by the institute through its various elective and workshop initiatives, can revive the dwindling interest the aspiring architecture student has today and provide a platform for growth and exploration.

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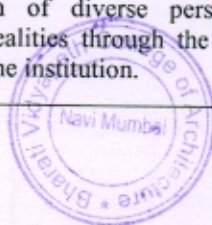
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**5. Bachelor of Architecture (B. Arch)**

**First Year Report - PO & PSO Attainment & Corrective Measures (2023-2024)**

PO	PO Statement	Attainment Value	PO Corrective Measures
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.888	Improve attendance of students and to develop studio culture
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.841	Encourage questioning and clearing their doubts.
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.778	Hands on work modelling
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	2.05	To enhance students computer software knowledge
PO5	The education and knowledge imparted in the institution instils professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.573	Learning from examples of great practitioners
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	1.545	Field based initiative and students participation.
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.556	Team work to be organised
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.866	More Presentation and feed backs
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.801	Exploring through documentation





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PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and application into conceptualisation of design modules by consideration of alternative perspectives.	1.821	Use of advance tools.
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.880	Learn construction as an industry
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.834	Research based assignment with data handling



  
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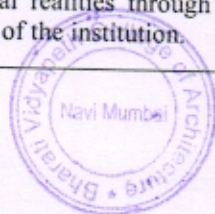
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## Second Year Report - PO & PSO Attainment & Corrective Measures (2023-2024)

PO	PO Statement	Attainment Value	PO Corrective Measures
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.650	Brief to be deliberated with sensitivity of scale
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.511	Case study based enquiry development
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.479	More hand holdings in selective solutions
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	1.779	Encourage sketching and 3D visualisation
PO5	The education and knowledge imparted in the institution instils professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.940	Scenario narratives to be made from end to end
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	2.056	Visit to Govardhan Eco village
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.834	Documenting study tour work
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.472	Expert talk
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.686	Visit exhibition





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PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and application into conceptualisation of design modules by consideration of alternative perspectives.	1.538	Case study in detail and critical understanding
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.614	Learn from impact Assessment documents and other government websites
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.564	Learn from research paper study



  
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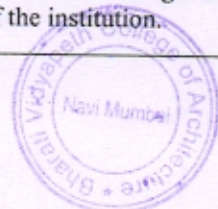
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**Third Year Report - PO & PSO Attainment & Corrective Measures (2023-2024)**

PO	PO Statement	Attainment Value	PO Corrective Measures
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.713	Brain storming sessions
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.478	Pre-design study conduction
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.547	Model making
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	1.562	BIM & Rhino Introduction
PO5	The education and knowledge imparted in the institution instils professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.732	Talk by local bodies and high rank officials
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	1.426	IGBC activities and certificates
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.640	Book publication by group work
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.269	Architecture and social impact study
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.665	Architects work study and interview





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(G.D.DID, P.G.DID, IIA, M.Sc.ID, M.Arch)

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PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and application into conceptualisation of design modules by consideration of alternative perspectives.	1.597	Studio documentation of process
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.603	Resource consumption study
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.471	External internal jury



  
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**Fourth Year Report- PO Attainment and Corrective Measures (2023-2024)**

PO	PO Statement	Attainment Value	PO Corrective Measures
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.625	Interview can be conducted by students and documented
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.265	Market survey and analysis
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.377	Use of tools, graphics, computers to communicate
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	1.595	Learning by modelling
PO5	The education and knowledge imparted in the institution instils professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.484	Visits to culturally enriched places and documentation
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	1.518	Interface with local bodies
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.602	Group work and sequencing
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.310	Alumni connect
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.530	MOU with other institutes for knowledge partnership
PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and	1.374	Computer tools and its application



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	application into conceptualisation of design modules by consideration of alternative perspectives.		
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.397	Project management
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.349	Study of building codes and its standards.



  
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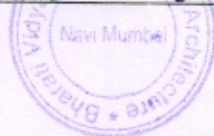
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**Fifth Year Report– PO Attainment and Corrective Measures (2023-2024)**

PO	PO Statement	Attainment Value	PO Corrective Measures
PO1	Inquiry based mediated experiential learning through rigorous understanding about academic knowledge domains such as Arts, Technology, Science and Environment / Sustainability.	1.643	Session with Artists, scientists and Environmentalists
PO2	The reflective learning orients the students towards questioning the knowledge obtained and develop skills to chisel their problem-solving capacity.	1.609	Knowledge can be imparted by interpretation with on-site issues in consideration
PO3	Nurturing students' ability to translate concepts through creativity and technological aspects into tangible and intangible forms.	1.536	Parametric, Animations and sketches using Revit etc.
PO4	Imparting education through advanced tools which sensitize the students to strengthen their visualisation skills and imagine the outcome before reality.	1.623	Use of advanced software's
PO5	The education and knowledge imparted in the institution instils professional competencies and ethical values in students to provide them the appropriate skills and confidence to engage them in positions of social responsibilities as well as creating a sustainable society with inclusive approach of design respecting the Indian ethos and cultural values.	1.663	Exploring Indian society's and its needs through electives
PO6	Students are trained to engage in social outreach initiatives to implement best practices in environment conservation and sustainability through employing knowledge and skills.	1.507	Participation in IGBC activities
PO7	The initiative of learning by exploring and case-based learning equips the students to work collaboratively to achieve personal and professional goals	1.401	Live case studies
PO8	The role of an architect today is to communicate effectively his/ her ideas to benefit the society at large and the institution aims at imparting this capacity.	1.841	Experimental participation in professional bodies like IIA
PO9	The concept of integration of diverse perspectives connecting local to global realities through the various social outreach initiatives of the institution.	1.769	Attending conferences/seminars.
PSO1	Analysing, evaluating, and synthesizing ideas and information gathered through design thinking and	1.419	Improved studio interface





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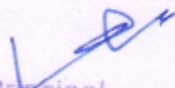
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	application into conceptualisation of design modules by consideration of alternative perspectives.		
PSO2	The knowledge and ability to apply a design decision-making through different aspects from concerned stake holders and appropriate technology.	1.449	Introduction of BIM software and lectures with industry experts
PSO3	Establish application of knowledge through applied research by raising clear and precise questions and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.	1.552	Elective 8 to be more rigorous and focused.



  
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## Sample CO PO Mapping Sheets



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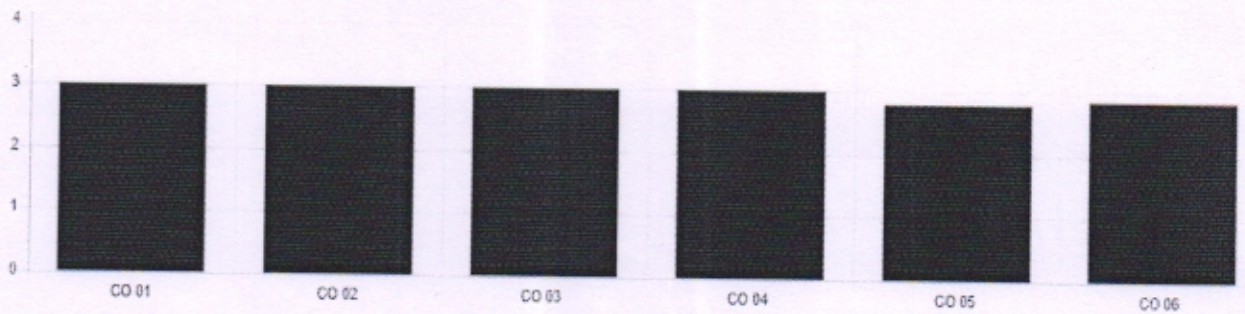


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207 Architectural Representation - Theory (2023-24) [ Varsha Annadate ] [ Sangam Namwad ] [ Anandi Lale ]

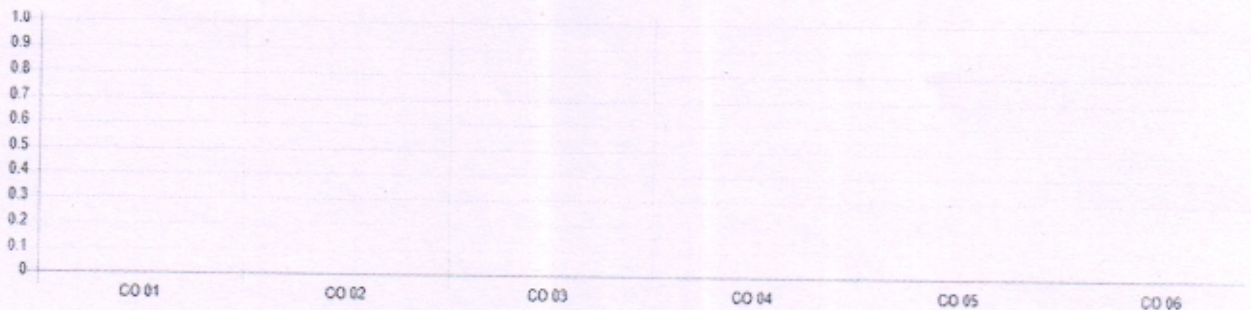
### Internal Assessment

Title	Type	% Weightage	CO 01	CO 02	CO 03	CO 04	CO 05	CO 06	CO 07	CO 08
Intersection of Solids	Internal	40	1.20					1.20		1.20
Models (Intersection of Solids)	Internal	60	1.80	1.80	1.80					
Building PLAN & SECTION Drafting	Internal	25					0.50	0.50	0.50	0.50
Types of Views (Ortho, axo, oblique )	Internal	50	1.50	1.50	1.50	1.50				
One point Perspectives	Internal	50			1.50	1.50		1.50		1.50
Two Point Perspective	Internal	50	1.50	1.50	1.50	1.50				
Sociography	Internal	13					0.39			
FINAL PORTFOLIO	Internal	100	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Percent course outcome weightage			300.00	260.00	310.00	250.00	138.00	215.00	125.00	215.00
Attainment as per percent weightage			9.00	7.80	9.30	7.50	3.89	6.20	3.50	6.20
Final attainment			3	3	3	3	2.82	2.88	2.8	2.88



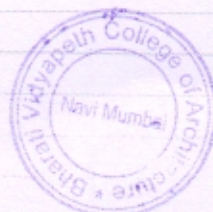
### External Assessment


Title	Type	% Weightage	CO 01	CO 02	CO 03	CO 04	CO 05	CO 06	CO 07	CO 08
Assessment not yet created / published.										



### Direct Total Attainment

Course Outcome	Internal	External
CO 01	3.00	
CO 02	3.00	
CO 03	3.00	
CO 04	3.00	
CO 05	2.82	
CO 06	2.88	
CO 07	2.80	

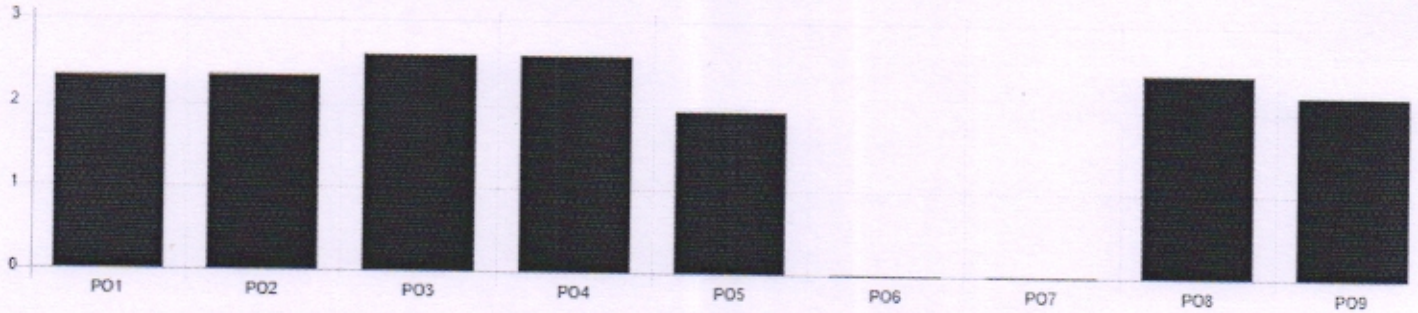


  
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CO 8	2.88	
Average	2.92	
Weightage	100	0
Direct Total Attainment	2.92	0.00
Final Direct Course Attainment	2.92	

**Final Attainment**


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1(PSO)	PSO2(PSO)	PSO3(PSO)
Final Attainment	2.32	2.34	2.60	2.60	1.95			2.43	2.19	2.92	2.92	2.92
Percentage	77.33	78.00	86.67	86.67	65.00			81.00	73.00	97.33	97.33	97.33



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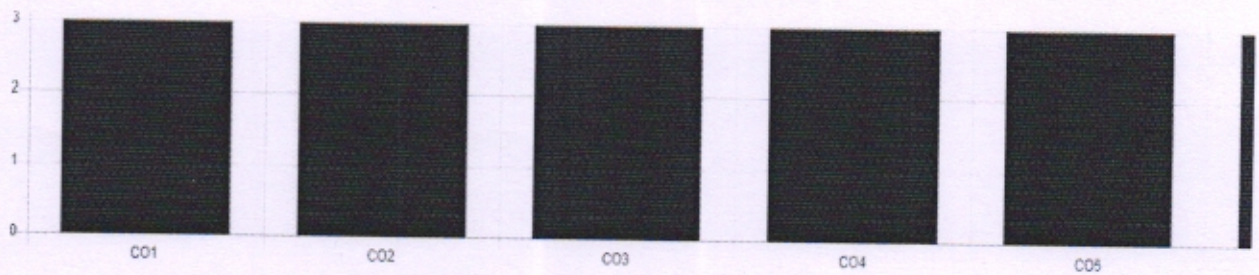


## Bharati Vidyapeeth College of Architecture, Navi Mumbai

710 Professional Practice 1 - Theory (2023-24) [ Priyanka Sinha ] [ Tushar Kadu ]

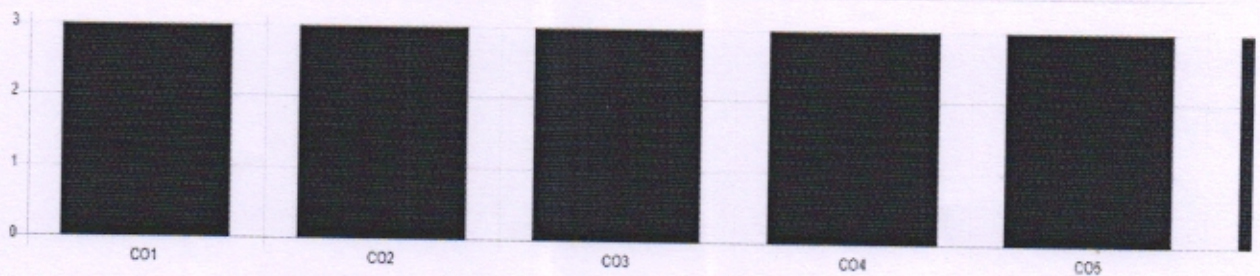
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
PROFESSIONAL PRACTICE INTERNAL ASSESSMENT	Internal	100	3.00	3.00	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			3.00	3.00	3.00	3.00	3.00	3.00
Final attainment			3	3	3	3	3	3



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
EXAM PROFESSIONAL PRACTICE	External	100	3.00	3.00	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			3	3	3	3	3	3
Final attainment			3	3	3	3	3	3



### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	3.00
CO2	3.00	3.00
CO3	3.00	3.00
CO4	3.00	3.00
CO5	3.00	3.00
CO6	3.00	3.00
Average	3.00	3.00
Weightage	50	50
Direct Total Attainment	1.50	1.50



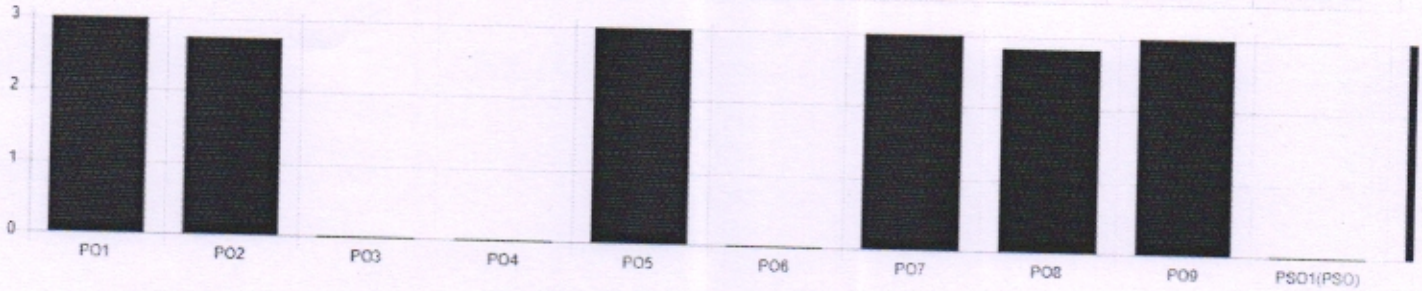
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Final Direct Course Attainment

3.00

Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1(PSO)	PSO2(PSO)	PSO3(PSO)
Final Attainment	3.00	2.75			3.00		3.00	2.83	3.00		3.00	3.00
Percentage	100.00	91.67			100.00		100.00	94.33	100.00		100.00	100.00



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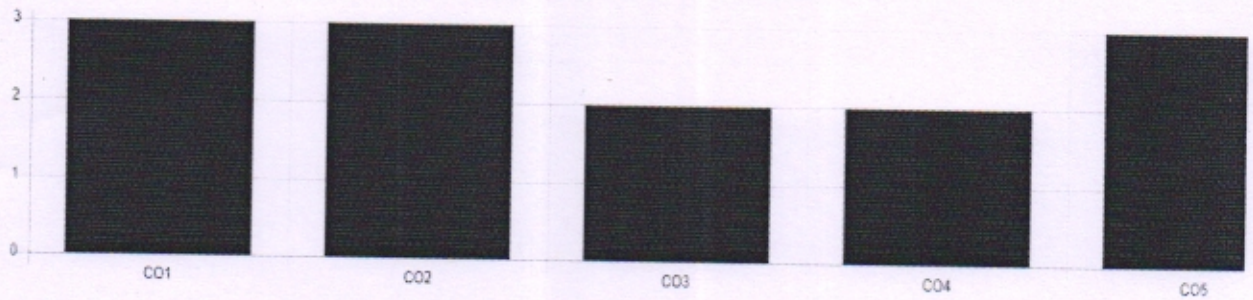


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509 Architectural Theory 3 - Theory (2023-24) [ Anshul Rai ] [ Juili Puri ]

### Internal Assessment

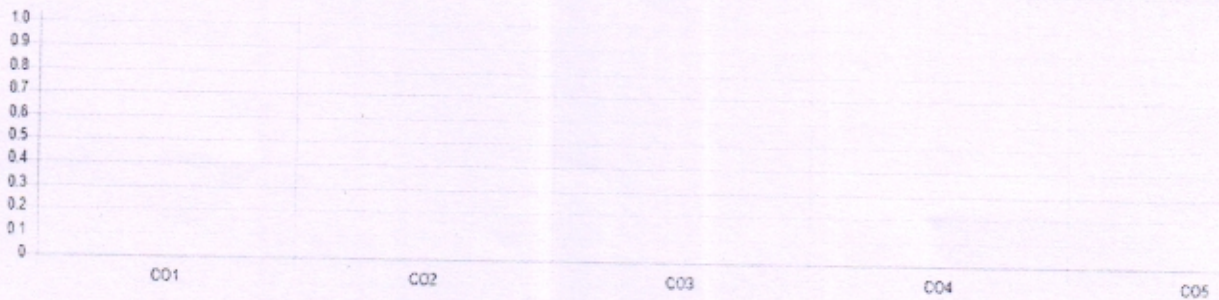
Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Report on Site visit	Internal	20						
REVIEW 1	Internal	20			0.60	0.60		
Case Study Analysis	Internal	20		0.60				0.60
Drawings of Urban Street	Internal	20	0.60	0.60	0.60	0.60	0.60	0.60
Drawings of Urban Street	Internal	20			0.00	0.00		
Percent course outcome weightage			20.00	40.00	60.00	60.00	20.00	40.00
Attainment as per percent weightage			0.60	1.20	1.20	1.20	0.60	1.20
Final attainment			3	3	2	2	3	3



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
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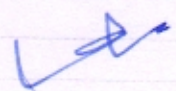
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### Direct Total Attainment

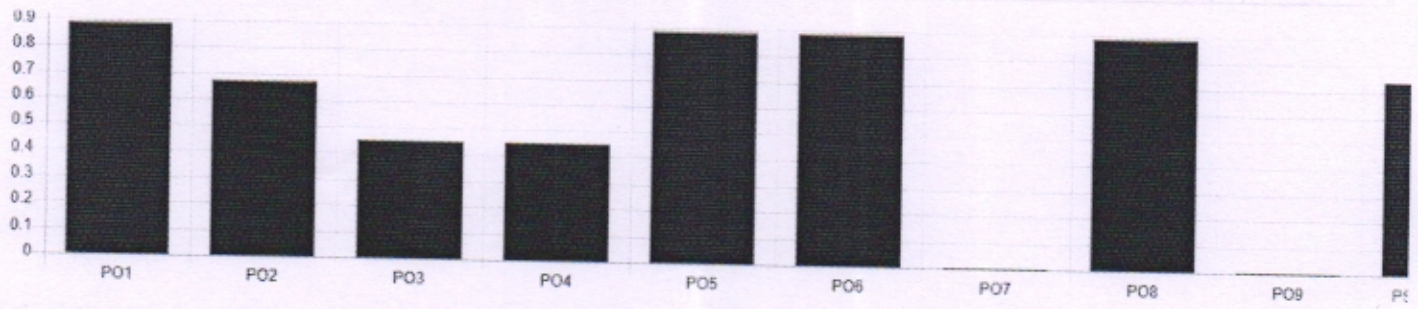
Course Outcome	Internal	External
CO1	3.00	
CO2	3.00	
CO3	2.00	
CO4	2.00	
CO5	3.00	
CO6	3.00	
Average Weightage	2.67	
Direct Total Attainment	50	50
Final Direct Course Attainment	1.33	0.00
		1.33



  
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**Final Attainment**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1(PSO)	PSO2(PSO)	PSO3(PSO)
Final Attainment	0.89	0.67	0.45	0.45	0.89	0.89		0.89		0.74	0.89	0.89
Percentage	29.67	22.33	15.00	15.00	29.67	29.67		29.67		24.67	29.67	29.67



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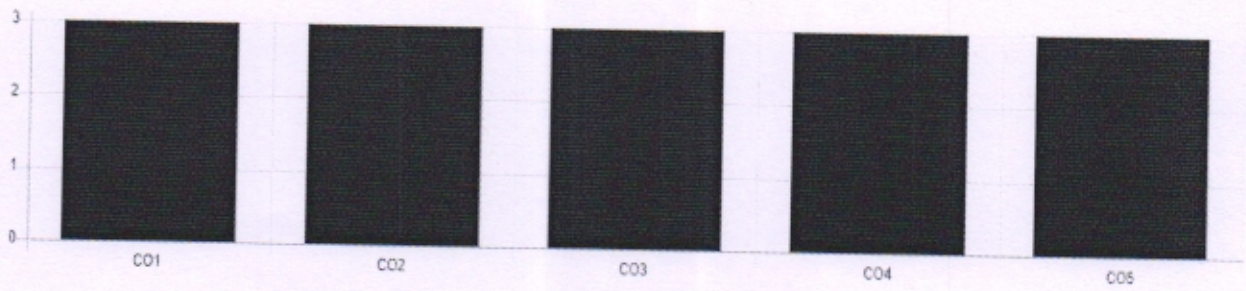


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1012 Advanced Building Construction and Structures - Theory (2023-24) [ Varsha Annadate ] [ Yogita Kadu ]

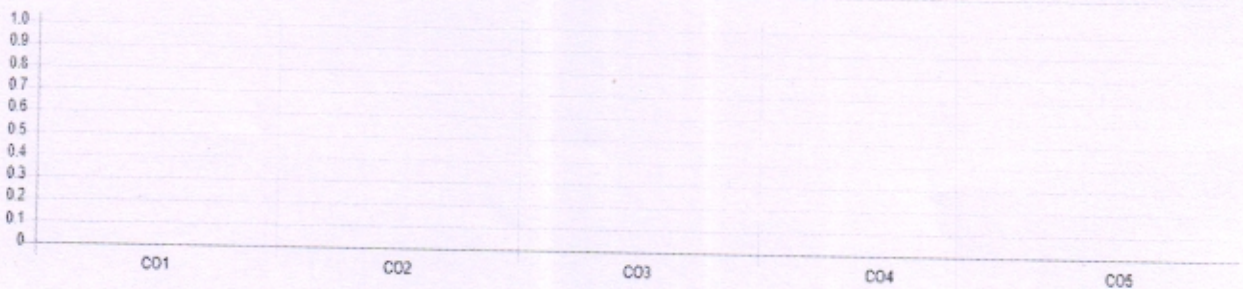
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Assignment 1 - Structural grid	Internal	100	3.00	3.00	3.00			
Assignment 2 - Intelligent structures	Internal	100				3.00		
Assignment 3 - Detail 1	Internal	100					3.00	
Assignment 4 - Detail 2	Internal	100						3.00
Assignment 5 - Detail 3	Internal	100					3.00	3.00
Assignment 6 - Report	Internal	100						3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	200.00	300.00
Attainment as per percent weightage			3.00	3.00	3.00	3.00	6.00	9.00
Final attainment			3	3	3	3	3	3



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Assessment not yet created / published.								



### Direct Total Attainment

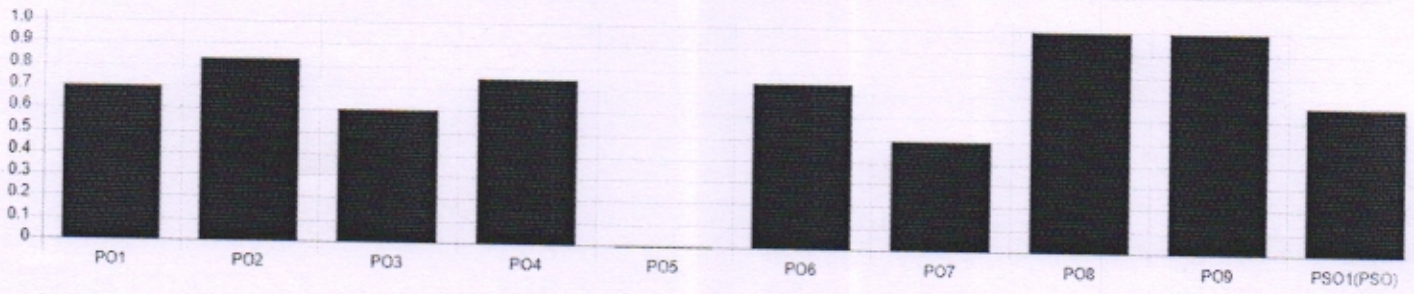
Course Outcome	Internal	External
CO1	3.00	
CO2	3.00	
CO3	3.00	
CO4	3.00	
CO5	3.00	
CO6	3.00	
Average	3.00	
Weightage	50	50
Direct Total Attainment	1.50	0.00
Final Direct Course Attainment		1.50



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**Final Attainment**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1(PSO)	PSO2(PSO)	PSO3(PSO)
Final Attainment	0.70	0.83	0.60	0.75		0.75	0.50	1.00	1.00	0.67	0.75	0.83
Percentage	23.33	27.67	20.00	25.00		25.00	16.67	33.33	33.33	22.33	25.00	27.67



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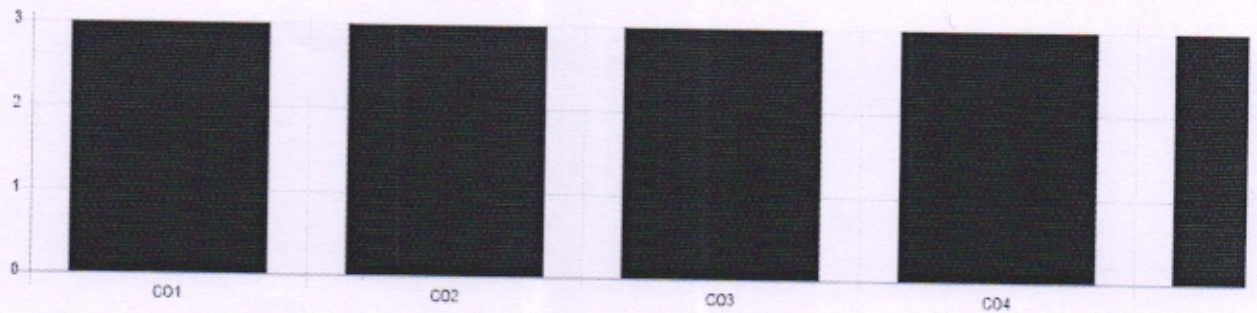


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703 Architectural Building Construction 7 - Theory (2023-24) [ Priyanka Sinha ] [ Nikhil Badrike ]

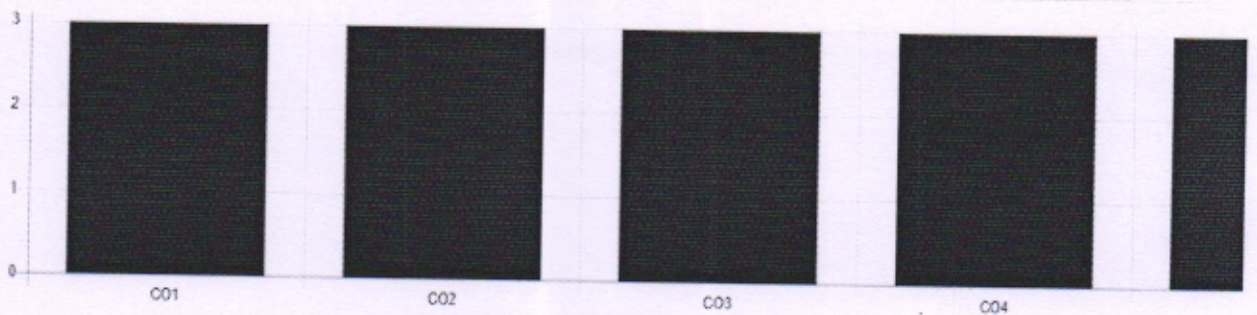
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Basement and Water proofing	Internal	34		1.02	1.02			
Piles	Internal	17	0.51					
Earthquake Structure	Internal	17						0.34
High-rise	Internal	34				1.02	1.02	
Percent course outcome weightage			17.00	34.00	34.00	34.00	34.00	17.00
Attainment as per percent weightage			0.51	1.02	1.02	1.02	1.02	0.34
Final attainment			3	3	3	3	3	2



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Exam Paper	External	100	3.00	3.00	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			3	3	3	3	3	3
Final attainment			3	3	3	3	3	3



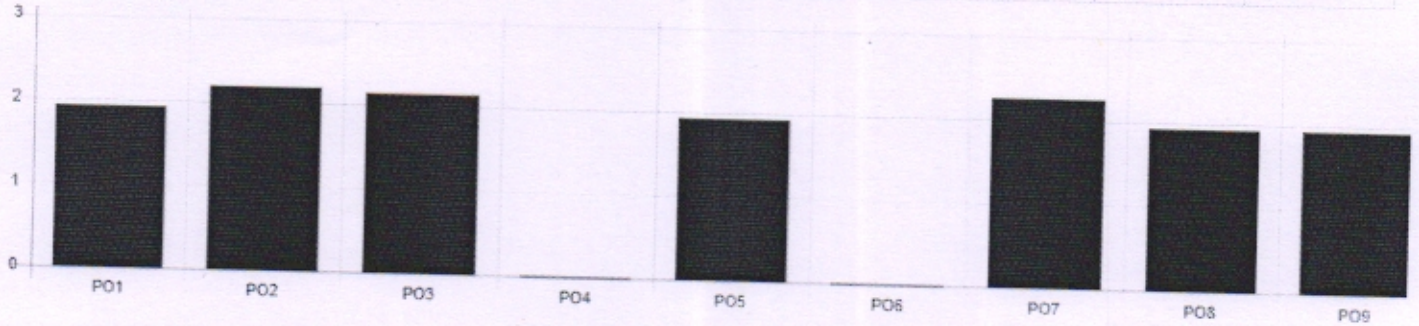
### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	3.00
CO2	3.00	3.00
CO3	3.00	3.00
CO4	3.00	3.00
CO5	3.00	3.00
CO6	2.00	3.00
Average	2.83	3.00

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Weightage	50	50
Direct Total Attainment	1.42	1.50
Final Direct Course Attainment	2.92	
<b>Final Attainment</b>		

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1(PSO)	PSO2(PSO)	PSO3(PSO)
Final Attainment	1.94	2.19	2.14		1.94		2.26	1.94	1.94	1.94	1.94	1.94
Percentage	64.67	73.00	71.33		64.67		75.33	64.67	64.67	64.67	64.67	64.67



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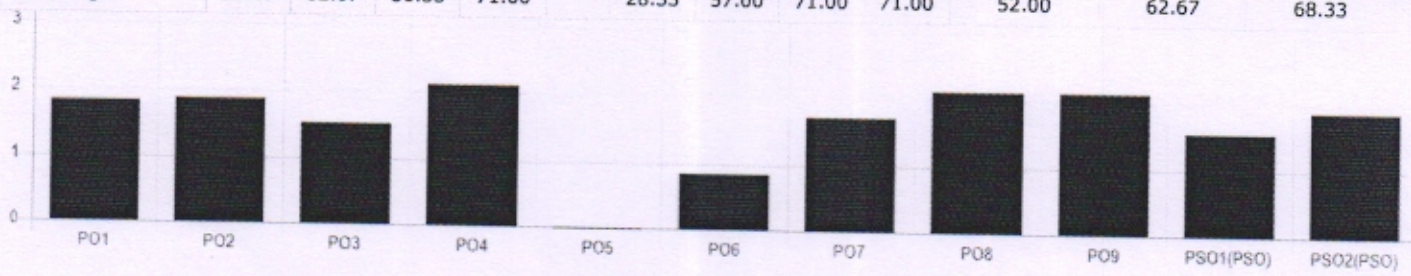
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Final Attainment	1.85	1.88	1.54	2.13		0.85	1.71	2.13	2.13	1.56	1.88	2.05
Percentage	61.67	62.67	51.33	71.00		28.33	57.00	71.00	71.00	52.00	62.67	68.33



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