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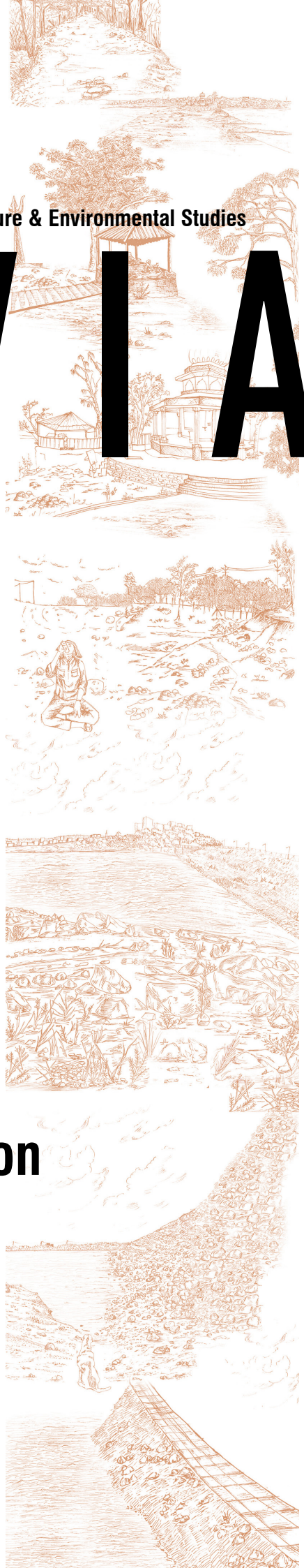

A.Q.A.R. Compilation
B. Arch

2021-22

Approved by
Council of Architecture

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USM's
Kamla Raheja Vidyanidhi Institute for
Architecture & Environmental Studies

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Contents

PO-CO Attainments 2021-2022

2021-22 Overall PO Summary

PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.50**
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.50**
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.50**
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.51**
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.50**
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.51**
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.50**
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.51**

Dean's Report

2021 - 22

Analysis of Programme Objectives

This year we implemented some major changes in the Time Table to achieve our Programme Objectives. These included the consolidation of subjects and pedagogic intents, along with the articulation of the vertical arcs of learning for the Humanities subjects. The effects of this are still not apparent in the Attainment Levels. In fact, these have gone down substantially- from 2.59 for PO1 to 2.50, 2.59 for PO2 to 2.50, from 2.58 for PO3 to 2.51, 2.59 for PO4 to 2.50, 2.58 for PO5 to 2.51, 2.60 for PO6 to 2.51, 2.58 for PO7 to 2.50, and 2.58 for PO8 to 2.51.

There can be a few reasons for this.

1. This general decline in attainment levels can be attributed to the rather liberal grading the school had adopted during the COVID crisis in the earlier academic year 2020-2021. This was done to acknowledge the difficult circumstances within which the students were studying, often with limited access to the internet.
2. Students and faculty were adjusting to the new realities within which teaching and learning was taking place- as online classes and/or in a hybrid mode. This year too we had one semester that was held in similar circumstances.
3. The second is that students were getting back into the traditional learning systems after a break and took some time to adjust to the demands of the conventional classroom after becoming comfortable at home.
4. This included getting to know their peer group and collective learning processes.
5. The expectations of the faculty from their courses this year had been reset as a way to transition students to levels that had dropped in the previous years. Courses were aiming for more to compensate for the loss of learning experienced during the COVD crisis. It is hoped that over the next few years, this lack will be adjusted for.

6. The new consolidations of subjects and articulation of the vertical arcs of learning was not very clear as it was the first year of the experiment.

7. The exposure of students to socio political and historical aspects has been very limited over the past years. This has been exacerbated by the omnipresence of social media as the medium through which the students get to know about architecture, and has been made worse by the COVID crisis. This has seriously affected the theory courses.

8. A major difficulty in the theory courses has also been the differential language skills that exist in a classroom. Many of the ideas are expressed in English which is not the first language of the students.

Corrective Measures

1. The courses will have to be mindful of the loss of learning that was caused by the COVID crisis. To return back to the levels that the KRVIA was achieving earlier and to push beyond that we will have to keep the levels of difficulty higher. Along with this we have to reinstate through specific courses some of the value systems and modes of learning that were difficult in the online or the hybrid modes.

2. We have to acknowledge the levels of information the students enter the school with. Theoretical courses need to be designed to gently expose students to histories and ideas. The vertical arc of learning for these subjects needs to be carefully calibrated- from fundamental understandings to more elaborate critical readings of culture and the role of architecture. (PO1) and (PO8)

3. Efforts need to be made across all years to acknowledge the differential language skills of the students.

4. Assignments need to be designed in ways that challenge the students to read and write, but do not scare them away from the ideas inherent in the texts. (PO1) and (PO8)

5. More projects that involve hands-on work can help improve the PO2 and PO3 attainments- especially in the first two years of education.

6. We have to strengthen the study trip programmes in Architectural Design studios across all five years as the two years of the COVID crisis have not allowed students to experience unfamiliar spaces and people.

7. As a result their abilities to empathise and understand cultures outside themselves has been compromised (PO4).

8. The second year study trip work can concentrate on unpacking the relationship between technological and socio-political aspects. (PO6)

9. The resolution of the thesis project chosen by the students also can be strengthened by tightening the relationship between the Dissertation Studio and the Advanced Technology Studios in the latter years. (PO6)

10. Collective learning was also seriously affected by the COVId crisis. We have to create projects that would encourage students to work with each other. Compilation and exhibition of Study Trip must become an important opportunity for PO5.

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First Year

First Year Report

2021-22. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.74**	architectural criticism stemming from architectural appreciation must be incorporated in as many subjects as possible through writing/ presentations made by individual or groups of students to allow for a dialogue in class
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.74**	employing drawing as a means of investigating space. Explore other means of analysis such as case study comparisons that can be drawn to understand the implications of architectural form on space
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.73**	formal exercises done in studio spaces can be extended into technical design space
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.75**	technical subjects such as construction and environmental studies can address material cultures or the approach towards the environment as ways of understanding the relationship between the self and the other
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.75**	Building Technology done in the previous years of (2017-18, 2018-19 and 2019-20) must be reintroduced to the timetable to enable students to work in collective groups. A sense of shared responsibilty will be instilled in the process
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.75**	wrting exercises can be included as a part of individual courses to bring about a co-relation between material understanding with theoretical understandings of architecture. The co-relation drawn should be tectonic in nature and should address how it responds to the social order of space.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.74**	The technology subjects require to be assigned with a studio element to be able to apply concepts and methods of thought into case studies and the design
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.74**	site visits/ architecture visits can be planned to allow the student to build an intuitive understanding of the authorship of the architects with the buildings they visit and embody and also understand how people inhabit these spaces in real-time

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Semester 1

PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Design Studio I							
COURSE CODE (AS PER MU)	BARC101							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	2	2	3	1	1	2
CO2	3	2	2	1	3	0	1	2
CO3	3	3	3	3	3	0	1	2
CO4	3	3	3	3	3	0	1	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To read and analyze the text as a spatial narrative.	3.00	
CO2	To conceptualize and develop a design process through drawings as a response to the text-work.	3.00	
CO3	To create/author an original performance work with a basic understanding of scale, movement and spatial organization and siting.	3.00	
CO4	To apply techniques of construction with an appropriate material choice and construction technique.	3.00	More time could be given to processes of 1:1 building

Course-level PO Attainments

PO1 Attainment		3.00	**PO5 Attainment**		3.00
PO2 Attainment		3.00	**PO6 Attainment**		3.00
PO3 Attainment		3.00	**PO7 Attainment**		3.00
PO4 Attainment		3.00	**PO8 Attainment**		3.00

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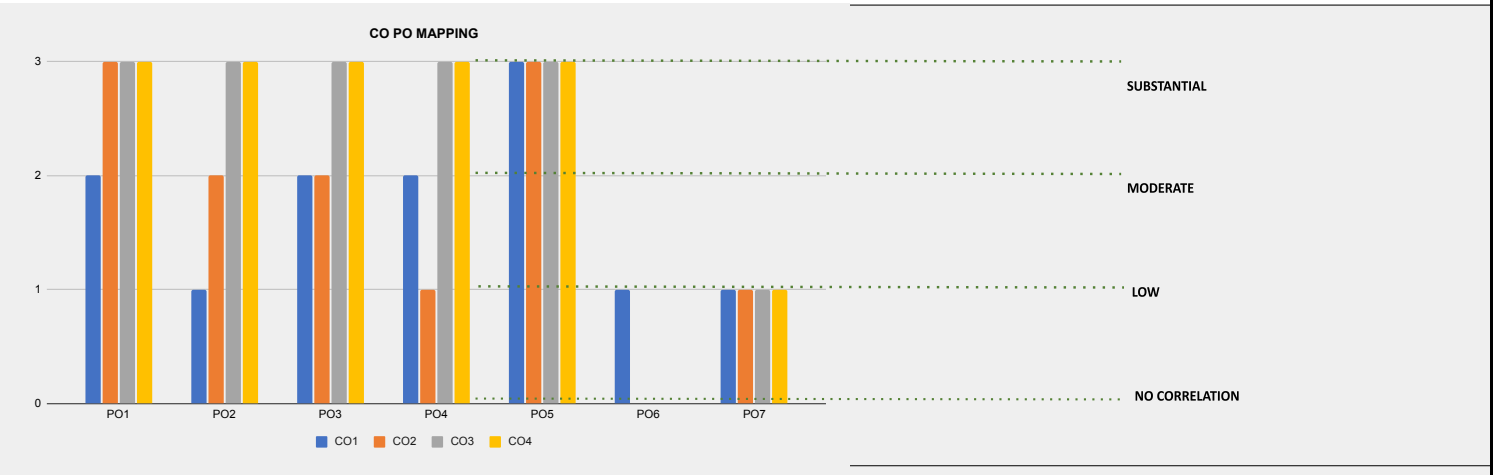
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Design Studio I
COURSE CODE (AS PER MU)	BARC101
FACULTY	Ankush C, Aishwarya P, Shirish J, Sonal S, Mamta P, Karan R, Sandeep M.
FACULTY INCHARGE	Sonal S
TOTAL MARKS	150

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To read and analyze the text as a spatial narrative.	L4 - Analyse (Draw connections among ideas)
CO2	To conceptualize and develop a design process through drawings as a response to the text-work.	L5 - Evaluate (Justify a stand or decision)
CO3	To create/author an original performance work with a basic understanding of scale, movement and spatial organization and siting.	L6 - Create (Produce new or original work)
CO4	To apply techniques of construction with an appropriate material choice and construction technique.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	2	2	3	1	1	2	1.75
CO2	3	2	2	1	3	0	1	2	2.00
CO3	3	3	3	3	3	0	1	2	2.57
CO4	3	3	3	3	3	0	1	2	2.57
PO AVERAGE	2.75	2.25	2.50	2.25	3.00	1.00	1.00	2.00	
Conclusion and Resolution	The exercises could bring in more complexity . Lectures with examples could expose students to works and examples.								

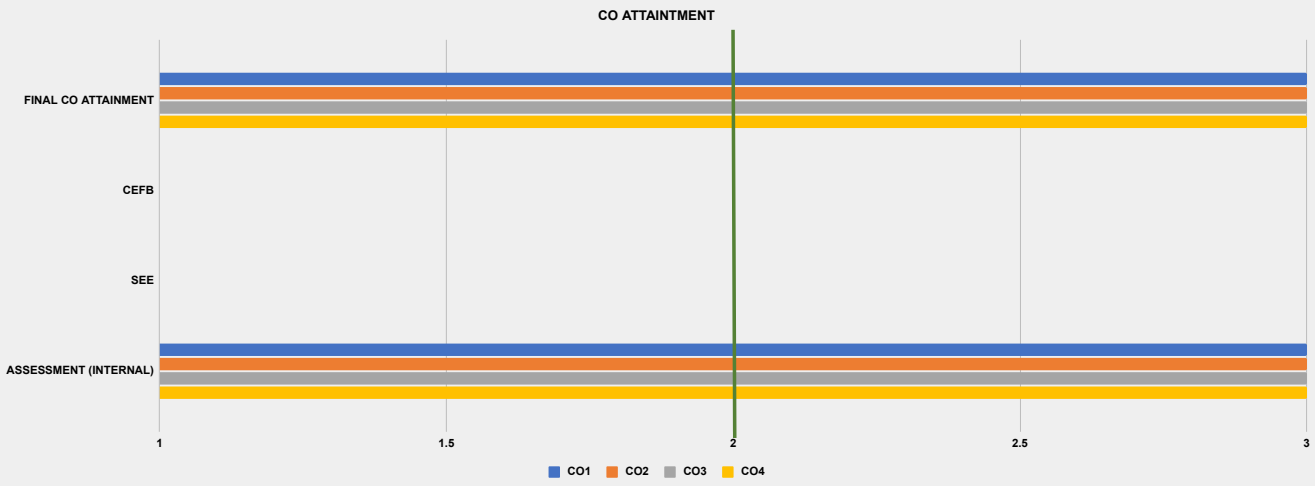
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	110

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	
CO4	3	-		3.00	2.5	Yes	More time could be given to processes of 1:1 building



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Allied Design Studio I							
COURSE CODE (AS PER MU)	BARC102							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0	3	2	3	2	1	2	2
CO2	0	3	3	3	0	0	0	0
CO3	2	3	3	3	0	0	0	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To read and analyze context.	3.00	
CO2	To create author an original individual work, rigorous iterative process, that responds to the site.	3.00	
CO3	To apply techniques of spatial representation in the form of final drawings.	3.00	

Course-level PO Attainments

PO1 Attainment		3.00		PO5 Attainment		3.00
PO2 Attainment		3.00		PO6 Attainment		3.00
PO3 Attainment		3.00		PO7 Attainment		3.00
PO4 Attainment		3.00		PO8 Attainment		3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio I
COURSE CODE (AS PER MU)	BARC102
FACULTY	Ankush C, Aishwarya P, Shirish J, Sonal S, Mamta P, Karan R, Sandeep M.
FACULTY INCHARGE	Aishwarya P
TOTAL MARKS	150

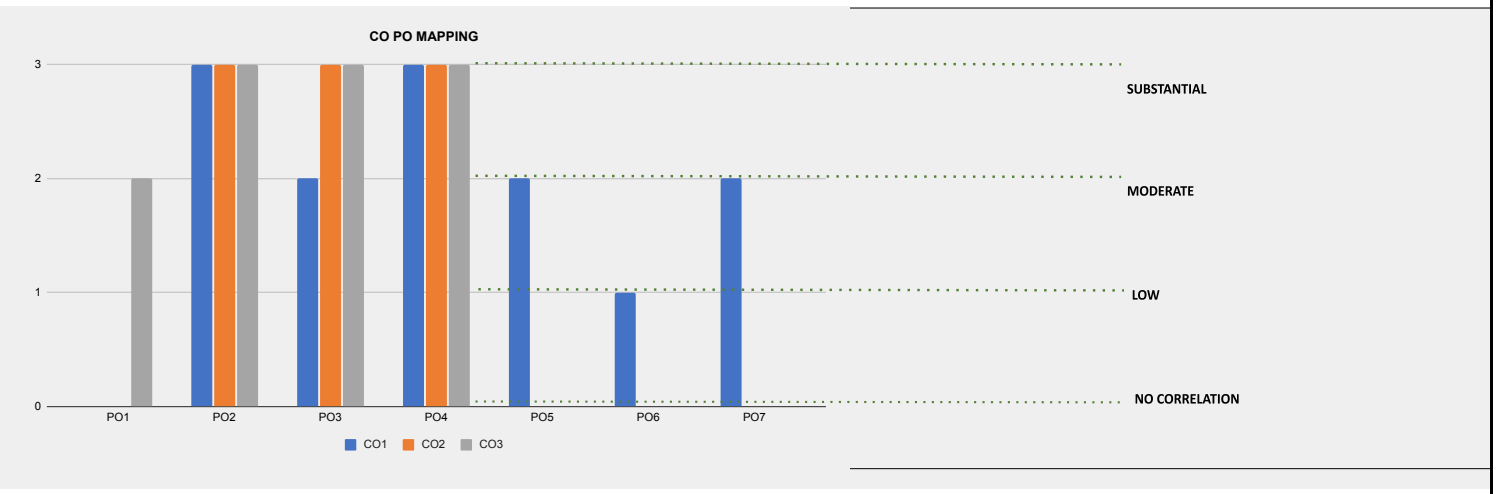
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To read and analyze context.	L4 - Analyse (Draw connections among ideas)
CO2	To create author an original individual work, rigorous iterative process, that responds to the site.	L5 - Evaluate (Justify a stand or decision)
CO3	To apply techniques of spatial representation in the form of final drawings.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	0	3	2	3	2	1	2	2	2.14
CO2	0	3	3	3	0	0	0	0	3.00
CO3	2	3	3	3	0	0	0	0	2.75
PO AVERAGE	2.00	3.00	2.67	3.00	2.00	1.00	2.00	2.00	
Conclusion and Resolution	Lectures and discussions could aid in opening out sites through their history and socio-economic relations.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

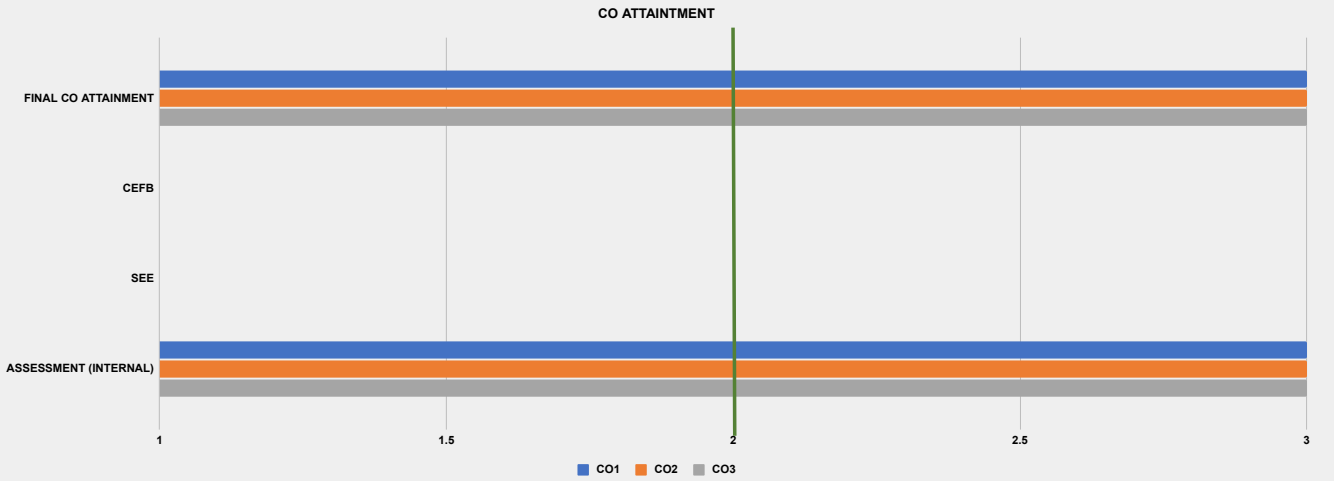


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	110

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	A need to innovate with digital formats for online projects Lecture presentations or guidance towards a greater diversity of exaples of spatial representation
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction & Materials 1
COURSE CODE (AS PER MU)	BARC103

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	0	2	3	3	2
CO2	3	3	3	0	0	3	3	2
CO3	2	3	3	0	0	1	3	0
CO4	3	3	3	3	3	3	3	3
CO5	3	3	3	1	3	1	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the role of Building elements in a system of construction that follow the mechanical behaviour of individual elements as well as the structural transfer of loads from one element to the other	2.55	
CO2	Understanding the properties of materials such as brick and wood, their relevance, and their application to the load-bearing and timber framework tectonic systems, respectively.	2.60	
CO3	Analytical understanding of load-bearing systems	2.50	
CO4	Context-specific learnings of a Tectonic systems and principles through the articulation of materials	2.70	
CO5	Evaluation of structural articulation of representational materials such as erasers, wooden blocks and watchmaker sticks towards attaining equilibrium.	2.65	

Course-level PO Attainments

PO1 Attainment	2.61	**PO5 Attainment**		2.64
PO2 Attainment	2.60	**PO6 Attainment**		2.61
PO3 Attainment	2.60	**PO7 Attainment**		2.60
PO4 Attainment	2.69	**PO8 Attainment**		2.60

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction & Materials 1
COURSE CODE (AS PER MU)	BARC103
FACULTY	Mamta Patwardhan, Aishwarya Padmanabhan, Dharmesh Mewa-da
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	150

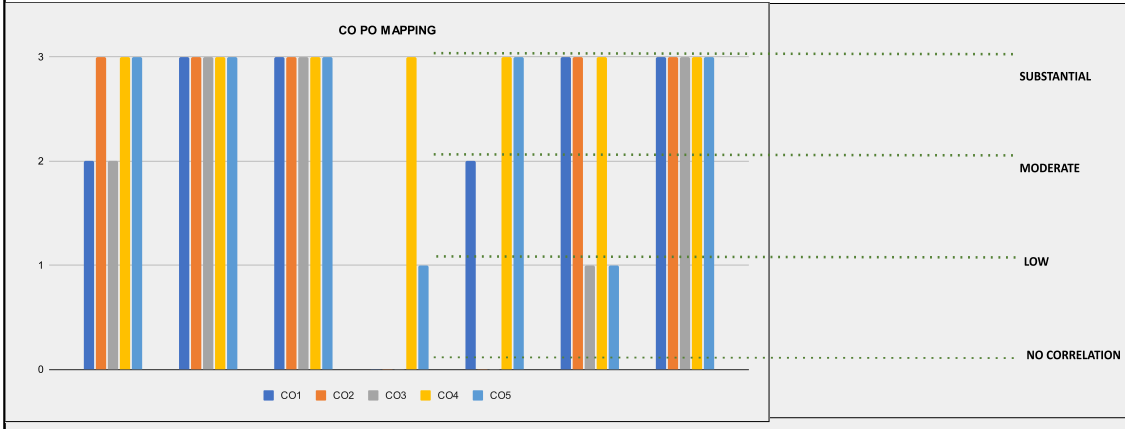
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the role of Building elements in a system of construction that follow the mechanical behaviour of individual elements as well as the structural transfer of loads from one element to the other	L2 - Understand (Explain ideas or concepts)
CO2	Understanding the properties of materials such as brick and wood, their relevance, and their application to the load-bearing and timber framework tectonic systems, respectively.	L2 - Understand (Explain ideas or concepts)
CO3	Analytical understanding of load-bearing systems	L4 - Analyse (Draw connections among ideas)
CO4	Context-specific learnings of a Tectonic systems and principles through the articulation of materials	L5 - Evaluate (Justify a stand or decision)
CO5	Evaluation of structural articulation of representational materials such as erasers, wooden blocks and watchmaker sticks towards attaining equilibrium.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No									CO AVERAGE
CO1	2	3	3	0	2	3	3	2	2.57
CO2	3	3	3	0	0	3	3	2	2.83
CO3	2	3	3	0	0	1	3	0	2.40
CO4	3	3	3	3	3	3	3	3	3.00
CO5	3	3	3	1	3	1	3	0	2.43
PO AVERAGE	2.60	3.00	3.00	2.00	2.67	2.20	3.00	2.33	
Conclusion and Resolution	he COs allign with all the POs in different capacities. Self-observation through site visits and on-site recording and sketching will help the students at an individual level to be able to make them realise their role on field.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



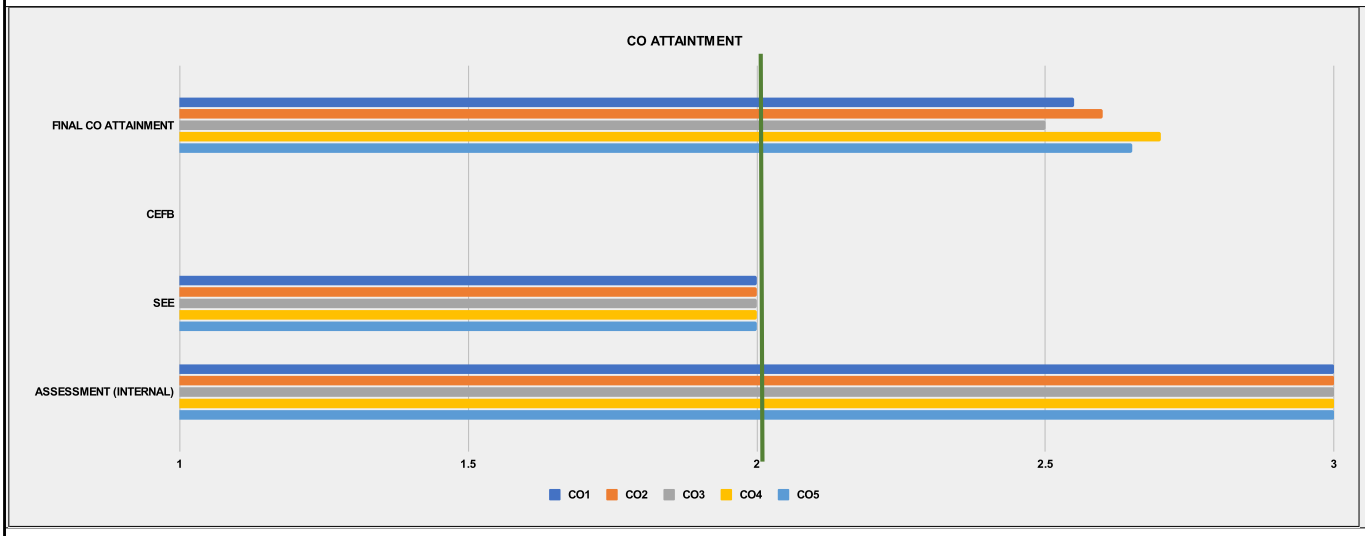
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	42
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	45

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	60	50	70	65	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	40	50	30	35	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.50	Yes	
CO2	3	2	-	2.60	2.50	Yes	
CO3	3	2	-	2.50	2.50	Yes	
CO4	3	2	-	2.70	2.50	Yes	
CO5	3	2	-	2.65	2.50	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 1
COURSE CODE (AS PER MU)	BARC104

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	0	0	0	0	2	2
CO2	0	1	1	2	0	0	2	0
CO3	2	2	1	1	0	1	3	0
CO4	0	0	0	0	1	2	0	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Developing an intuitive understanding of the relevant rules of physics in the context of structural behavior.	2.55	Method of the task needs to be revised
CO2	To gain a thorough understanding of how construction techniques and materials interact to resist the forces of gravity, enabling students to explain the underlying principles and mechanisms.	2.40	Make the task less complex
CO3	Gaining a basic understanding of the process of structural design for simple and complex structural systems.	2.50	Advanced techniques needs to be introduced
CO4	Understanding the unique roles of architects and structural designers in the process of architectural design and construction and the interaction between the two	2.65	Exercises needs to be changed and level of the task needs to be improved

Course-level PO Attainments

PO1 Attainment	2.53	PO5 Attainment		2.65
PO2 Attainment	2.51	PO6 Attainment		2.65
PO3 Attainment	2.45	PO7 Attainment		2.49
PO4 Attainment	2.43	PO8 Attainment		2.49

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 1
COURSE CODE (AS PER MU)	BARC104
FACULTY	Rajitha G., Neeraj V.
FACULTY INCHARGE	Rajitha G
TOTAL MARKS	100

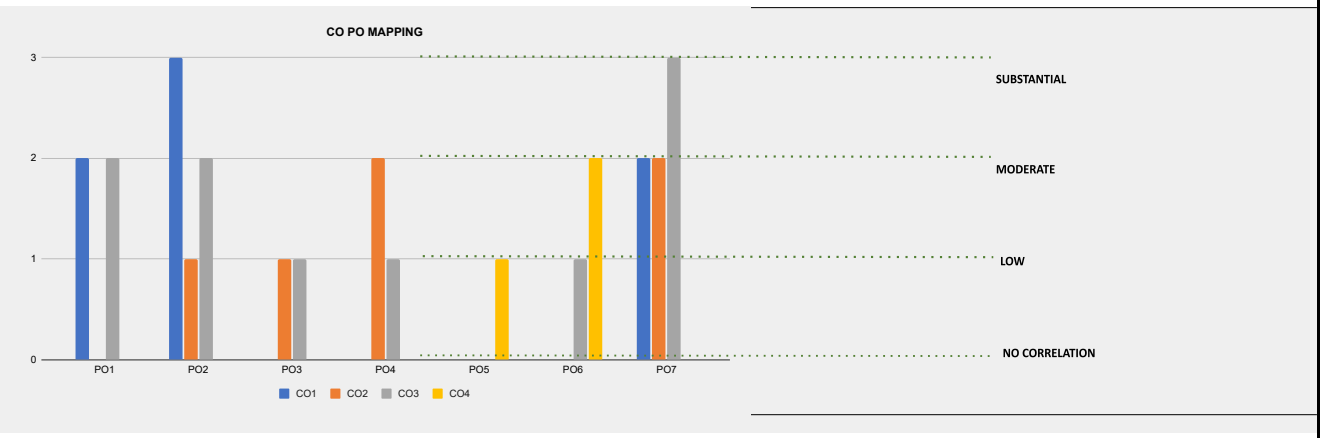
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Developing an intuitive understanding of the relevant rules of physics in the context of structural behavior.	L2 - Understand (Explain ideas or concepts)
CO2	To gain a thorough understanding of how construction techniques and materials interact to resist the forces of gravity, enabling students to explain the underlying principles and mechanisms.	L2 - Understand (Explain ideas or concepts)
CO3	Gaining a basic understanding of the process of structural design for simple and complex structural systems.	L4 - Analyse (Draw connections among ideas)
CO4	Understanding the unique roles of architects and structural designers in the process of architectural design and construction and the interaction between the two	L2 - Understand (Explain ideas or concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	0	0	0	0	2	2	2.25
CO2	0	1	1	2	0	0	2	0	1.50
CO3	2	2	1	1	0	1	3	0	1.67
CO4	0	0	0	0	1	2	0	3	2.00
PO AVERAGE	2.00	2.00	1.00	1.50	1.00	1.50	2.33	2.50	
Conclusion and Resolution	The course outcomes is aligning with the program outcomes moderately.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	25
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

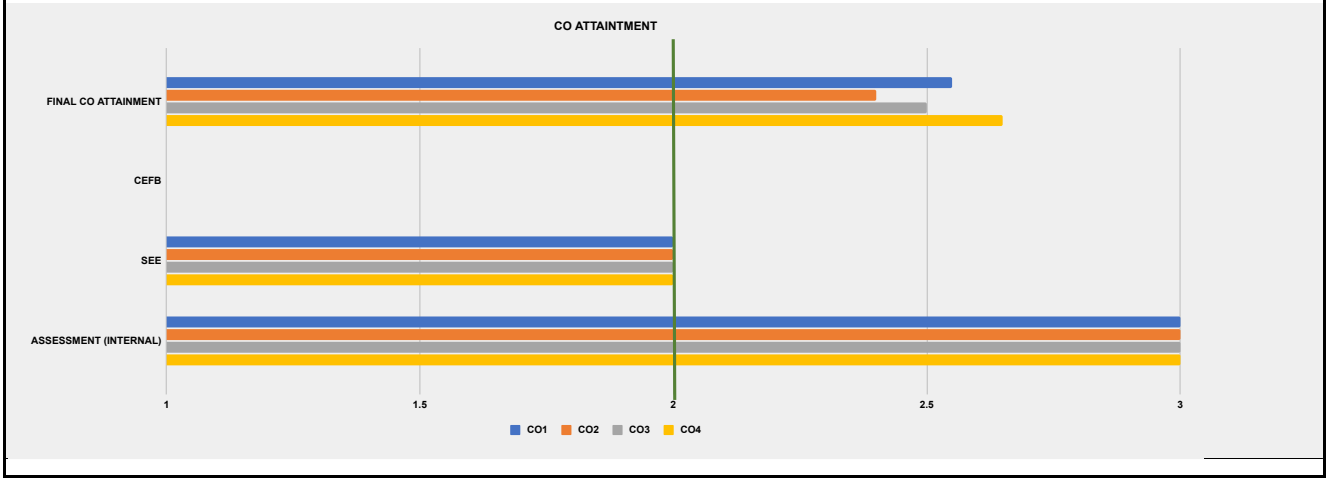
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	50	65	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	50	35	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	Method of the task needs to be revised
CO2	3	2	-	2.40	2.5	No	Make the task less complex
CO3	3	2	-	2.50	2.5	Yes	Advanced techniques needs to be introduced
CO4	3	2	-	2.65	2.5	Yes	Exercises needs to be changed and level of the task needs to be improved

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	Method of the task needs to be revised
CO2	3	2	-	2.40	2.5	No	Make the task less complex
CO3	3	2	-	2.50	2.5	Yes	Advanced techniques needs to be introduced
CO4	3	2	-	2.65	2.5	Yes	Exercises needs to be changed and level of the task needs to be improved



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Humanities 1							
COURSE CODE (AS PER MU)	BARC105							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**3**	**3**	**2**	**1**	**2**	**2**	**1**	**1**
CO2	**2**	**3**	**1**	**2**	**2**	**2**	**1**	**1**
CO3	**3**	**3**	**2**	**2**	**2**	**3**	**1**	**1**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	To analyze particular phenomena through general concepts			**2.55**				
CO2	Using the dialectical method or relational ideas to investigate phenomena			**2.55**				
CO3	Exploring ideas of social theory through debate and to articulate them in written form			**2.55**				
Course-level PO Attainments								
PO1 Attainment			**2.55**		**PO5 Attainment**			**2.55**
PO2 Attainment			**2.55**		**PO6 Attainment**			**2.55**
PO3 Attainment			**2.55**		**PO7 Attainment**			**2.55**
PO4 Attainment			**2.55**		**PO8 Attainment**			**2.55**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 1
COURSE CODE (AS PER MU)	BARC105
FACULTY	Hussain Indorewala, Shweta Wagh
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

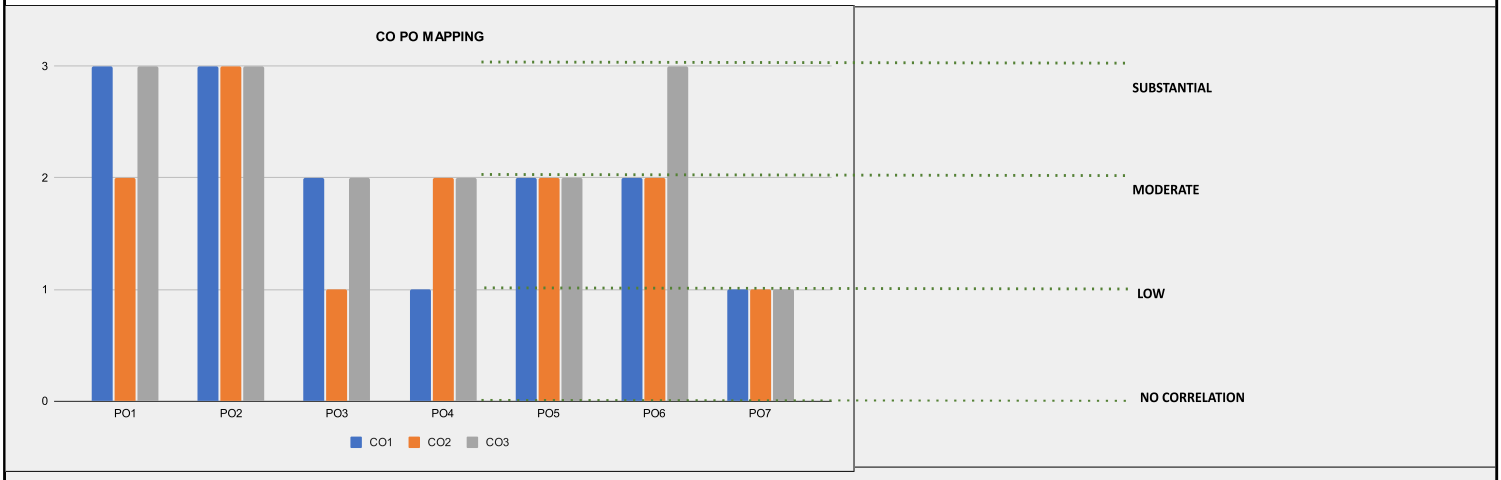
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To analyze particular phenomena through general concepts	L4 - Analyse (Draw connections among ideas)
CO2	Using the dialectical method or relational ideas to investigate phenomena	L5 - Evaluate (Justify a stand or decision)
CO3	Exploring ideas of social theory through debate and to articulate them in written form	L2 - Understand (Explain ideas or concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	2	1	2	2	1	1	1.88
CO2	2	3	1	2	2	2	1	1	1.75
CO3	3	3	2	2	2	3	1	1	2.13
PO AVERAGE	2.67	3.00	1.67	1.67	2.00	2.33	1.00	1.00	
Conclusion and Resolution	Exercises that improve analytical skills need to be introduced								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



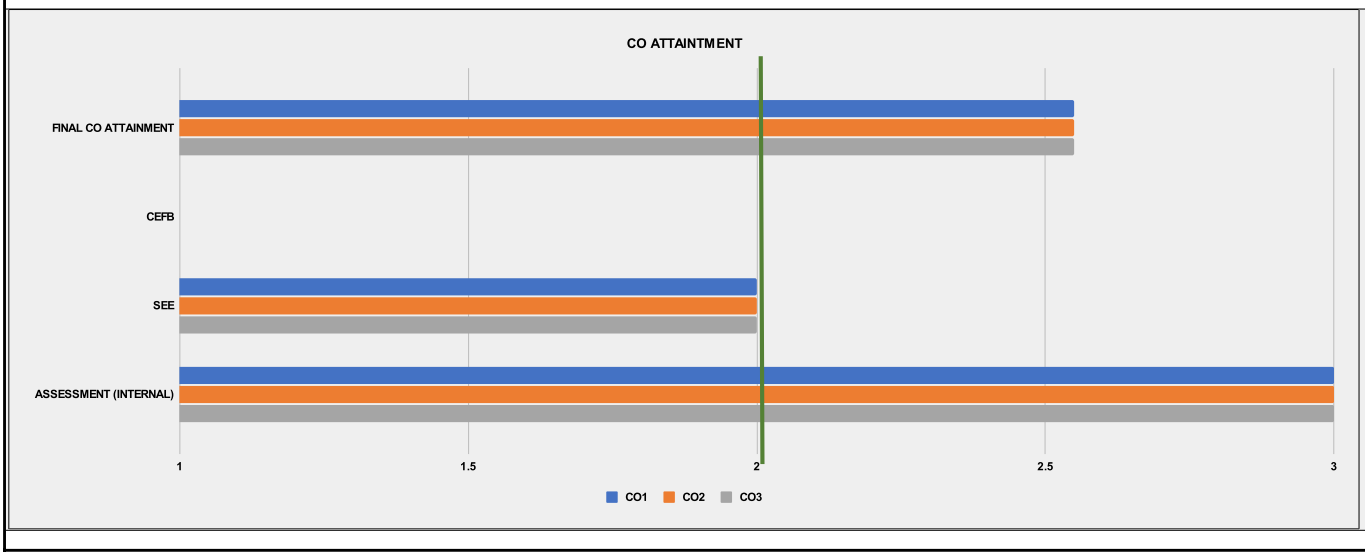
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	25
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	36

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	55	55	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	45	45	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	
CO2	3	2	-	2.55	2.5	Yes	
CO3	3	2	-	2.55	2.5	Yes	



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PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies I
COURSE CODE (AS PER MU)	BARC106

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	1	1	1	1	1
CO2	3	2	2	1	1	1	1	1
CO3	1	2	2	2	1	1	3	2
CO4	1	1	3	1	2	2	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To explore concepts such as natural resources, the relationship between built environments and their natural setting, agro-ecological systems, traditional farming practices, self-sustaining landscapes, urban biodiversity, habitats, forest foods, urban foodscapes and the role these could play in building resilient systems	3.00	To introduce complex concepts
CO2	To critically inquire the perceptions, ideologies, philosophies concerning the natural environment; from carbon trading to conservation, sustainability and green practices.	3.00	To increase hands on excercise on sustainable practices
CO3	To understand nature and built, and look at architecture as a response to the bio-geo-climatic conditions.	3.00	Target achieved as planned
CO4	To engage with and apply the ideas and concepts that have shaped environment-sensitive architectural thinking.	3.00	To apply ideas more that informs design

Course-level PO Attainments

PO1 Attainment		**3.00**		**PO5 Attainment**	**3.00**
PO2 Attainment		**3.00**		**PO6 Attainment**	**3.00**
PO3 Attainment		**3.00**		**PO7 Attainment**	**3.00**
PO4 Attainment		**3.00**		**PO8 Attainment**	**3.00**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies I
COURSE CODE (AS PER MU)	BARC106
FACULTY	Kimaya Keluskar, Minal Yerramshetty
FACULTY INCHARGE	Minal Yerramshetty
TOTAL MARKS	50

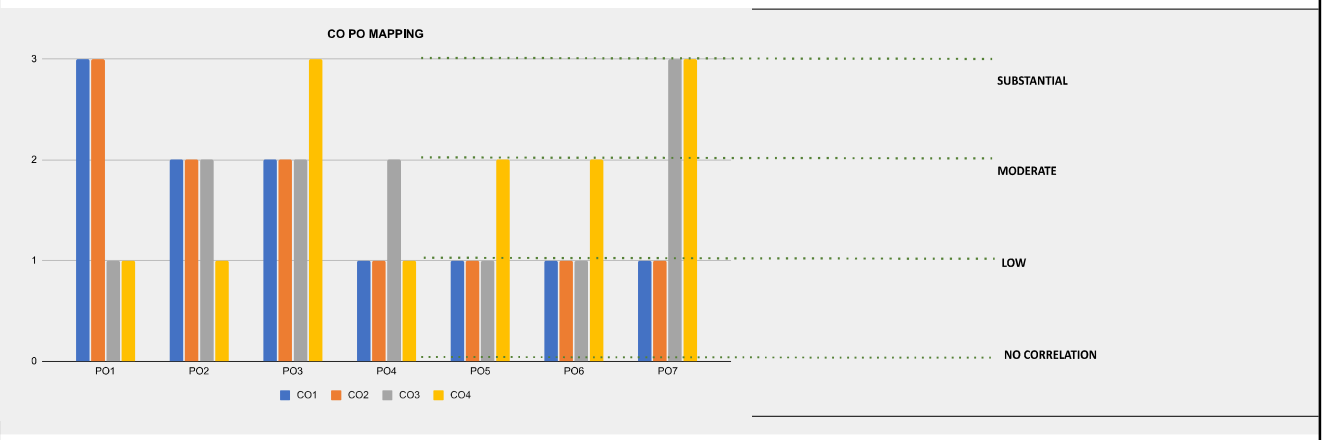
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To explore concepts such as natural resources, the relationship between built environments and their natural setting, agro-ecological systems, traditional farming practices, self-sustaining landscapes, urban biodiversity, habitats, forest foods, urban foodscapes and the role these could play in building resilient systems	L2 - Understand (Explain ideas or concepts)
CO2	To critically inquire the perceptions, ideologies, philosophies concerning the natural environment; from carbon trading to conservation, sustainability and green practices.	L5 - Evaluate (Justify a stand or decision)
CO3	To understand nature and built, and look at architecture as a response to the bio-geo-climatic conditions.	L4 - Analyse (Draw connections among ideas)
CO4	To engage with and apply the ideas and concepts that have shaped environment-sensitive architectural thinking.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	1	1	1	1	1	1.50
CO2	3	2	2	1	1	1	1	1	1.50
CO3	1	2	2	2	1	1	3	2	1.75
CO4	1	1	3	1	2	2	3	2	1.88
PO AVERAGE	2.00	1.75	2.25	1.25	1.25	1.25	2.00	1.50	
Conclusion and Resolution	The course outcomes align moderately with program outcomes.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



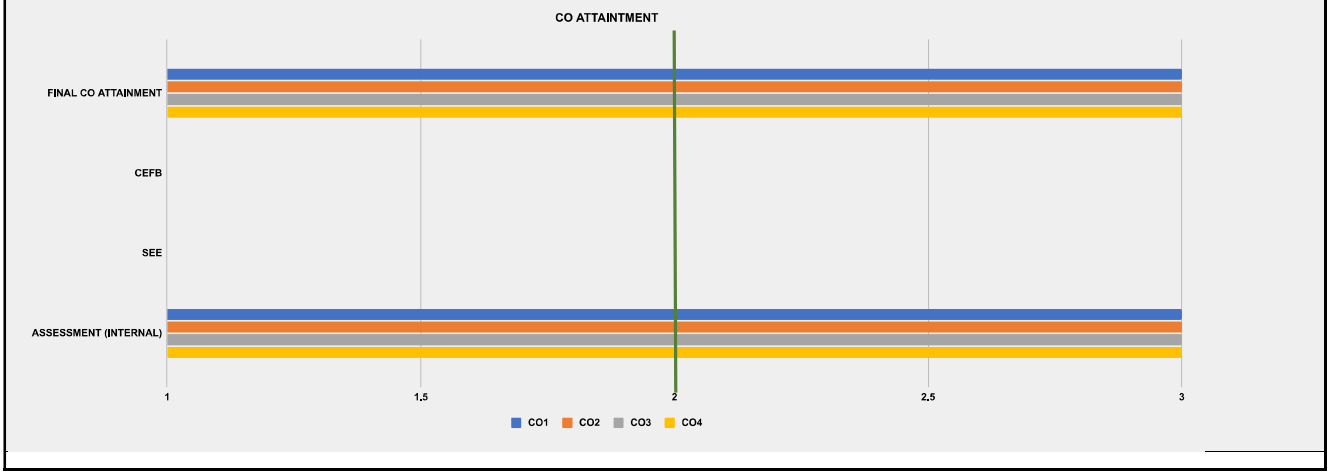
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100		ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	To introduce complex concepts
CO2	3	-		3.00	2	Yes	To increase hands on excercise on sustainable practices
CO3	3	-		3.00	3	Yes	Target achieved as planned
CO4	3	-		3.00	3	Yes	To apply ideas more that informs design

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.5	Yes	To introduce complex concepts
CO2	3	-		3.00	2	Yes	To increase hands on excercise on sustainable practices
CO3	3	-		3.00	3	Yes	Target achieved as planned
CO4	3	-		3.00	3	Yes	To apply ideas more that informs design



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing I
COURSE CODE (AS PER MU)	BARC107

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	0	1	3	3	2
CO2	1	2	3	0	0	0	3	1
CO3	3	1	3	1	0	0	2	3
CO4	2	1	3	0	0	0	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understand the techniques and methods for a comprehensive architectural representation.	3.00	
CO2	Enable students to learn how to use tools for representing spatial ideas, like drafting and model making.	3.00	
CO3	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	3.00	
CO4	Facilitate students to create orthographic projections, axonometric and isometric tools of representation of architecture.	3.00	

Course-level PO Attainments

PO1 Attainment		3.00	PO5 Attainment		3.00
PO2 Attainment		3.00	PO6 Attainment		3.00
PO3 Attainment		3.00	PO7 Attainment		3.00
PO4 Attainment		3.00	PO8 Attainment		3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing I
COURSE CODE (AS PER MU)	BARC107
FACULTY	ANKUSH, KARAN, AISHWARYA, MAMTA, MANSI, SANDEEP, SHIRISH, SONAL
FACULTY INCHARGE	SONAL
TOTAL MARKS	150

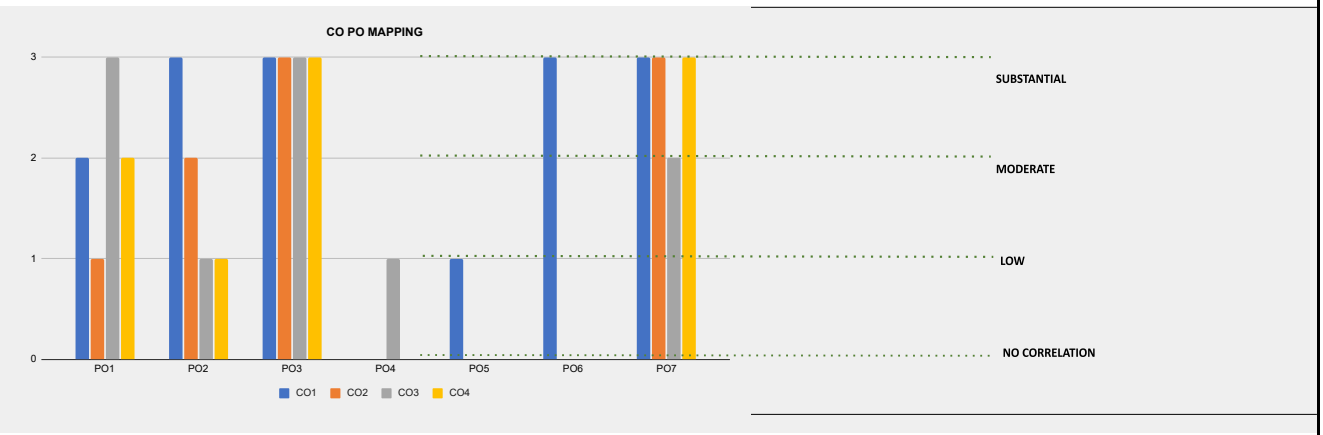
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understand the techniques and methods for a comprehensive architectural representation.	L2 - Understand (Explain ideas or concepts)
CO2	Enable students to learn how to use tools for representing spatial ideas, like drafting and model making.	L3 - Apply (Use information in new situations)
CO3	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	L6 - Create (Produce new or original work)
CO4	Facilitate students to create orthographic projections, axonometric and isometric tools of representation of architecture.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	3	0	1	3	3	2	2.43
CO2	1	2	3	0	0	0	3	1	2.00
CO3	3	1	3	1	0	0	2	3	2.17
CO4	2	1	3	0	0	0	3	0	2.25
PO AVERAGE	2.00	1.75	3.00	1.00	1.00	3.00	2.75	2.00	
Conclusion and Resolution	Considering the batches coming out of covid to have a more skill-based course exercises stressing lesser on the analytical and evaluative aspects of learning.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	85

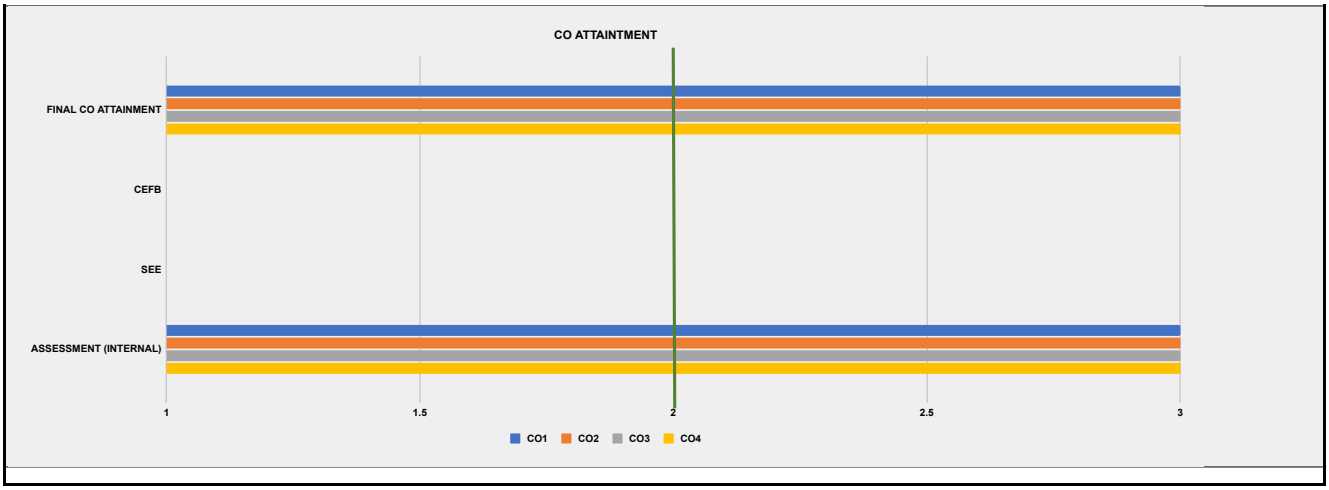
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.4	Yes	
CO2	3	-		3.00	2.4	Yes	
CO3	3	-		3.00	2.4	Yes	
CO4	3	-		3.00	2.4	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.4	Yes	
CO2	3	-		3.00	2.4	Yes	
CO3	3	-		3.00	2.4	Yes	
CO4	3	-		3.00	2.4	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects I
COURSE CODE (AS PER MU)	BARP120

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	0	0	3	3	3	3	1
CO2	2	0	0	3	3	3	3	1
CO3	2	0	0	3	3	3	3	1
CO4	3	3	3	1	0	3	1	3
CO5	3	2	0	3	3	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand concepts and ideas that have shaped the world that surrounds them and to evaluate these ideas as they emerge out of socio-economic structures	3.00	
CO2	To critically analyze the spaces and objects around them as they merge out of these forces. To apply these with respect to how they locate and see themselves in the world.	3.00	
CO3	To evaluate these spaces and objects as acts of design that embody ideas and develop a consciousness about their own acts of design.	3.00	
CO4	To understand published architectural theoretical works by architects and to be able to apply them as references to one's individual approach.	3.00	
CO5	Enabling the student to question the role and purpose of history in architecture	3.00	

Course-level PO Attainments

PO1 Attainment	3.00	**PO5 Attainment**	3.00
PO2 Attainment	3.00	**PO6 Attainment**	3.00
PO3 Attainment	3.00	**PO7 Attainment**	3.00
PO4 Attainment	3.00	**PO8 Attainment**	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects I
COURSE CODE (AS PER MU)	BARP120
FACULTY	Architectural Theory (Sonal Sundararajan, Ankush Chandran) History (Ginella George and Sarah George)
FACULTY INCHARGE	Arhcitectural Theory (Sonal) History (Ginella)
TOTAL MARKS	100

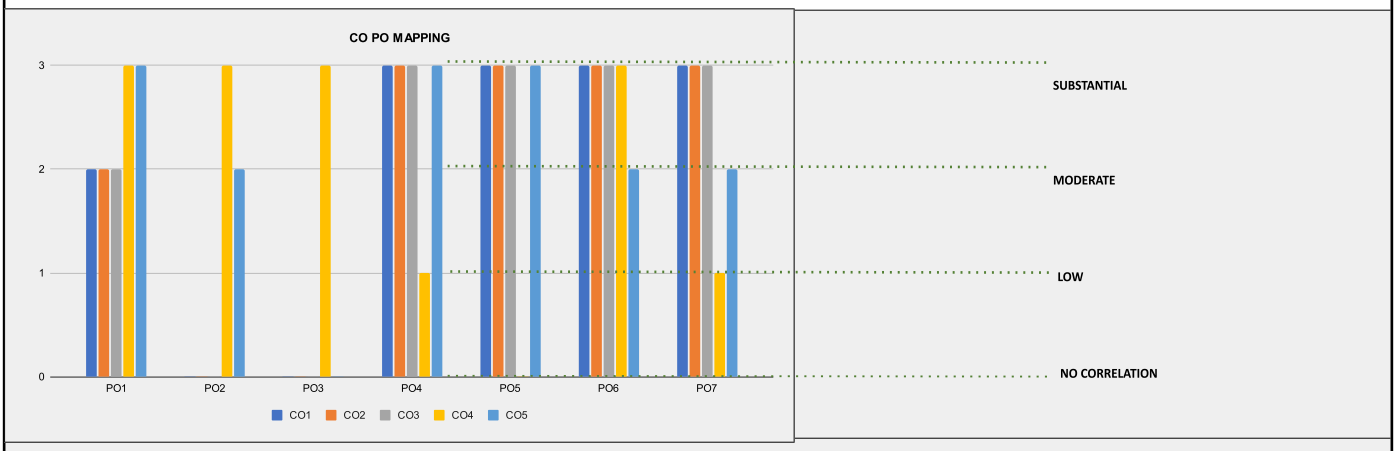
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand concepts and ideas that have shaped the world that surrounds them and to evaluate these ideas as they emerge out of socio-economic structures	L2 - Understand (Explain ideas or concepts)
CO2	To critically analyze the spaces and objects around them as they merge out of these forces. To apply these with respect to how they locate and see themselves in the world.	L4 - Analyse (Draw connections among ideas)
CO3	To evaluate these spaces and objects as acts of design that embody ideas and develop a consciousness about their own acts of design.	L5 - Evaluate (Justify a stand or decision)
CO4	To understand published architectural theoretical works by architects and to be able to apply them as references to one's individual approach.	L2 - Understand (Explain ideas or concepts)
CO5	Enabling the student to question the role and purpose of history in architecture	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	0	0	3	3	3	3	1	2.50
CO2	2	0	0	3	3	3	3	1	2.50
CO3	2	0	0	3	3	3	3	1	2.50
CO4	3	3	3	1	0	3	1	3	2.43
CO5	3	2	0	3	3	2	2	2	2.43
PO AVERAGE	2.40	2.50	3.00	2.60	3.00	2.80	2.40	1.50	
Conclusion and Resolution	The course requires to address the architectural object and analyse it through theoretical and historiographic frameworks								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



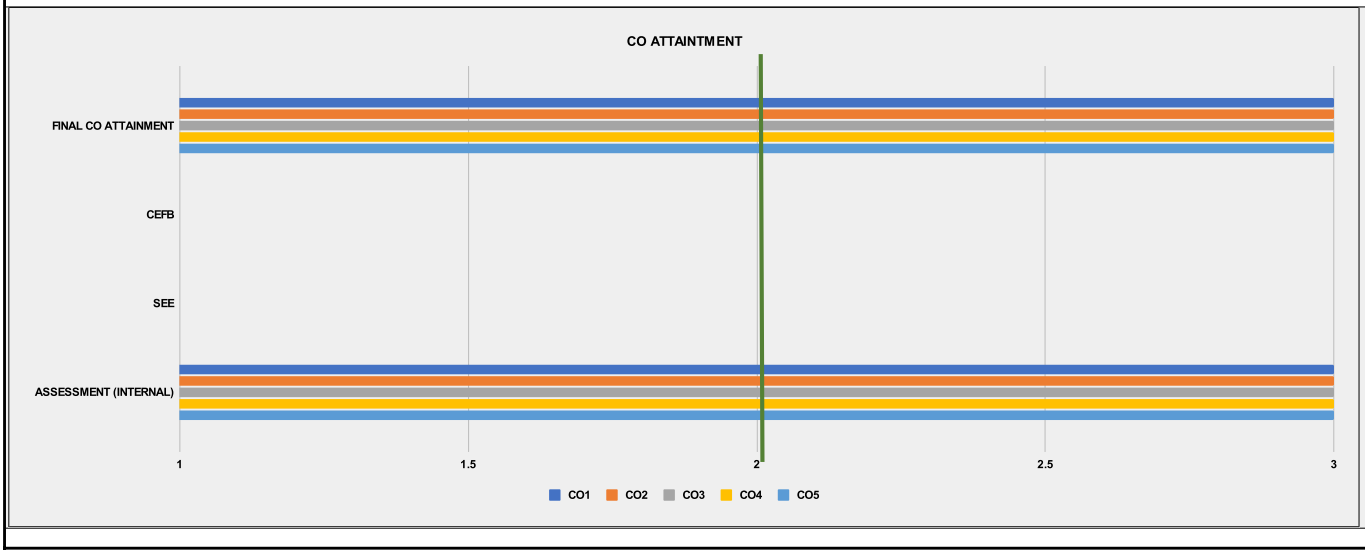
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	
CO4	3	-		3.00	2.5	Yes	
CO5	3	-		3.00	2.5	Yes	



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Semester 2

PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Design Studio 2							
COURSE CODE (AS PER MU)	BARC201							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**1**	**3**	**3**	**3**	**2**	**3**	**3**	**3**
CO2	**1**	**3**	**3**	**3**	**0**	**3**	**2**	**3**
CO3	**3**	**3**	**3**	**3**	**0**	**2**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**0**	**2**	**1**	**3**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	To read and analyze context			**2.00**				
CO2	To conceptualize and develop a design process through drawings and models as a response to the text-work.			**2.00**				
CO3	To create/author an original individual design response			**2.00**				
CO4	To create technical, analytical, expressive drawings and models that reflect a basic understanding of material structure and tectonic expression.			**2.00**				
Course-level PO Attainments								
PO1 Attainment			**2.00**		**PO5 Attainment**			**2.00**
PO2 Attainment			**2.00**		**PO6 Attainment**			**2.00**
PO3 Attainment			**2.00**		**PO7 Attainment**			**2.00**
PO4 Attainment			**2.00**		**PO8 Attainment**			**2.00**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Design Studio 2
COURSE CODE (AS PER MU)	BARC201
FACULTY	Karan R, Shirish J, Mansi B, Sandeep M, Sonal S, Aishwarya P, Mamta P, Ankush C.
FACULTY INCHARGE	Aishwarya P
TOTAL MARKS	150

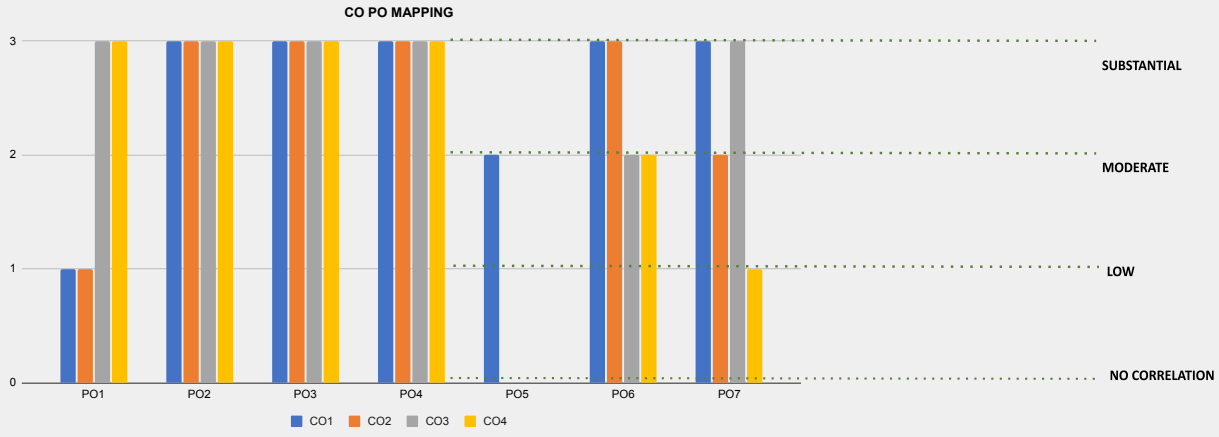
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To read and analyze context	L3 - Apply (Use information in new situations)
CO2	To conceptualize and develop a design process through drawings and models as a response to the text-work.	L5 - Evaluate (Justify a stand or decision)
CO3	To create/author an original individual design response	L6 - Create (Produce new or original work)
CO4	To create technical, analytical, expressive drawings and models that reflect a basic understanding of material structure and tectonic expression.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	3	3	2	3	3	3	2.63
CO2	1	3	3	3	0	3	2	3	2.57
CO3	3	3	3	3	0	2	3	3	2.86
CO4	3	3	3	3	0	2	1	3	2.57
PO AVERAGE	2.00	3.00	3.00	3.00	2.00	2.50	2.25	3.00	
Conclusion and Resolution	The second term course engages students in a complex and total design project. It could scale down its ambition towards a conventional architecture and allow for more inventive and experimental spatial concepts.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

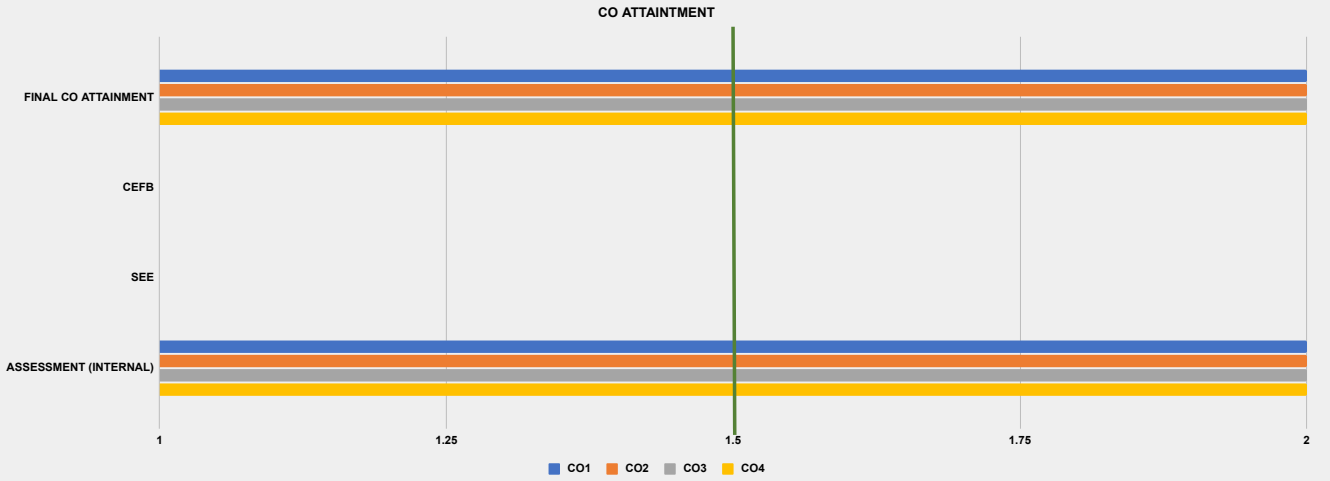


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	100

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.5	No	More lecture presentations with examples of works
CO4	2	-		2.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Allied Design Studio 2							
COURSE CODE (AS PER MU)	BARC202							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**1**	**3**	**3**	**1**	**1**	**3**	**2**	**2**
CO2	**1**	**3**	**3**	**1**	**0**	**3**	**2**	**2**
CO3	**3**	**3**	**3**	**1**	**0**	**1**	**0**	**2**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	To understand and analyse a phenomenon or idea			**3.00**				
CO2	To understand the expressive and narrative possibilities of as form, material and spatial experience.			**3.00**				
CO3	To engage in an iterative design process and create/author an original individual work.			**3.00**				
Course-level PO Attainments								
PO1 Attainment			**3.00**		**PO5 Attainment**			**3.00**
PO2 Attainment			**3.00**		**PO6 Attainment**			**3.00**
PO3 Attainment			**3.00**		**PO7 Attainment**			**3.00**
PO4 Attainment			**3.00**		**PO8 Attainment**			**3.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 2
COURSE CODE (AS PER MU)	BARC202
FACULTY	Ankush C, Aishwarya P, Shirish J, Sonal S, Mamta P, Karan R, Sandeep M.
FACULTY INCHARGE	Shirish J
TOTAL MARKS	150

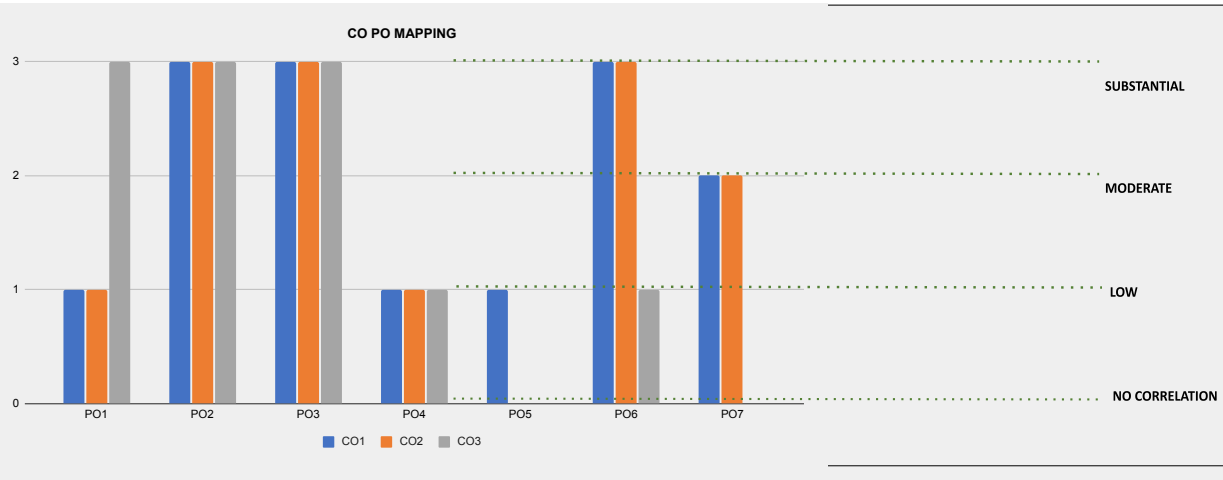
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and analyse a phenomenon or idea	L4 - Analyse (Draw connections among ideas)
CO2	To understand the expressive and narrative possibilities of as form, material and spatial experience.	L5 - Evaluate (Justify a stand or decision)
CO3	To engage in an iterative design process and create/author an original individual work.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	3	1	1	3	2	2	2.00
CO2	1	3	3	1	0	3	2	2	2.14
CO3	3	3	3	1	0	1	0	2	2.17
PO AVERAGE	1.67	3.00	3.00	1.00	1.00	2.33	2.00	2.00	
Conclusion and Resolution	The projects in the second term could involve with a reading of real sites. This would increse complexity,exposure and learnings.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

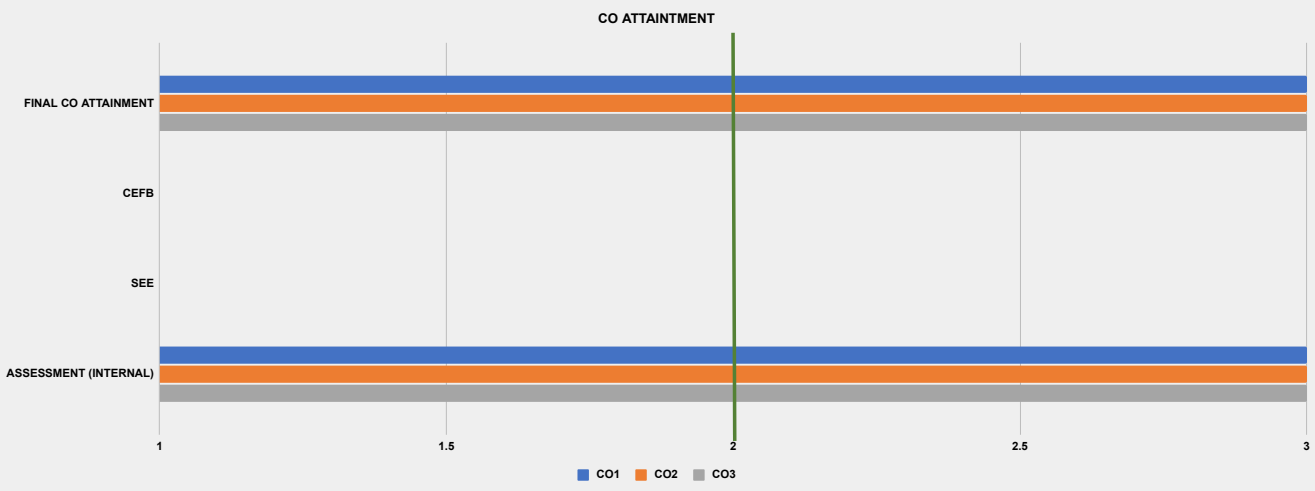


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	100

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	3	Yes	The complexity of the project can be increased
CO2	3	-		3.00	3	Yes	
CO3	3	-		3.00	3	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction & Materials 2
COURSE CODE (AS PER MU)	BARC203

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	0	2	3	3	2
CO2	3	3	3	0	0	3	3	2
CO3	2	3	3	0	0	1	3	0
CO4	3	3	3	0	0	2	3	1
CO5	3	3	3	1	3	1	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the role of Building elements in a system of construction that follow the mechanical behaviour of individual elements as well as the structural transfer of loads from one element to the other	2.55	
CO2	Understand material properties, characteristics, costs, dimensions, joinery with the same material as well as other materials and sizes available in the market	2.60	
CO3	Analytical understanding of the hierarchy and the articulation of Timber framed systems	2.50	
CO4	Ability to imagine alternate materials that can be used to achieve similar tectonic and experiential requirements	2.70	
CO5	Evaluation of structural articulation of materials through drawing plates and hands-on experiments	2.65	

Course-level PO Attainments

PO1 Attainment	2.61		PO5 Attainment		2.61
PO2 Attainment	2.60		PO6 Attainment		2.61
PO3 Attainment	2.60		PO7 Attainment		2.60
PO4 Attainment	2.65		PO8 Attainment		2.60

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction & Materials 2
COURSE CODE (AS PER MU)	BARC203
FACULTY	Mamta Patwardhan, Aishwarya Padmanabhan, Dharmesh Mewa-da
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	150

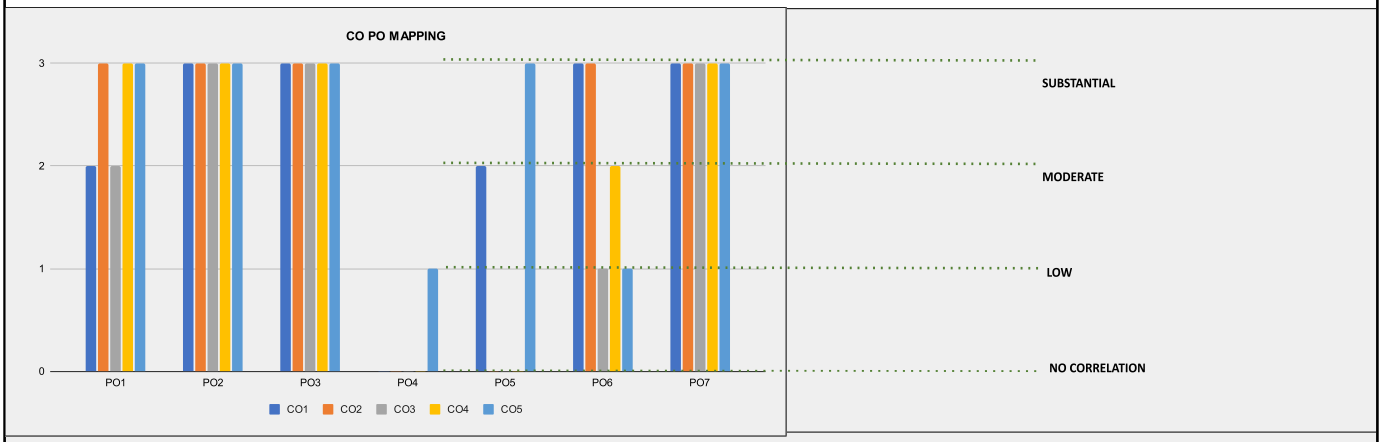
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the role of Building elements in a system of construction that follow the mechanical behaviour of individual elements as well as the structural transfer of loads from one element to the other	L2 - Understand (Explain ideas or concepts)
CO2	Understand material properties, characteristics, costs, dimensions, joinery with the same material as well as other materials and sizes available in the market	L2 - Understand (Explain ideas or concepts)
CO3	Analytical understanding of the hierarchy and the articulation of Timber framed systems	L4 - Analyse (Draw connections among ideas)
CO4	Ability to imagine alternate materials that can be used to achieve similar tectonic and experiential requirements	L6 - Create (Produce new or original work)
CO5	Evaluation of structural articulation of materials through drawing plates and hands-on experiments	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	3	0	2	3	3	2	2.57
CO2	3	3	3	0	0	3	3	2	2.83
CO3	2	3	3	0	0	1	3	0	2.40
CO4	3	3	3	0	0	2	3	1	2.50
CO5	3	3	3	1	3	1	3	0	2.43
PO AVERAGE	2.60	3.00	3.00	1.00	2.50	2.00	3.00	1.67	
Conclusion and Resolution	Site-based exercises must be devised to enable the students to position themselves as professionals in the field and understand the dynamics of on-going works. The student must be encouraged to record processes of construction and submit their observations as reports								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

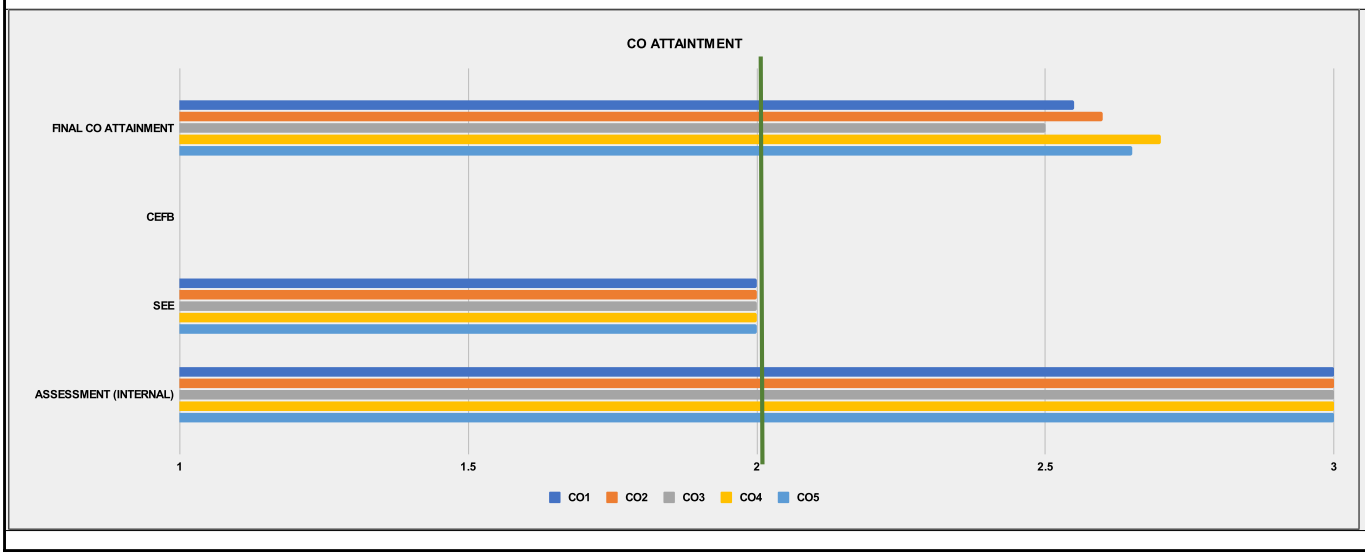
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	42
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	47

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	
INTERNAL MARKS	55	60	50	70	65	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
SEE	45	40	50	30	35	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	ALWAYS ENSURE THE TOTAL IS 100 %

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	
CO2	3	2	-	2.60	2.5	Yes	
CO3	3	2	-	2.50	2.5	Yes	
CO4	3	2	-	2.70	2.5	Yes	
CO5	3	2	-	2.65	2.5	Yes	



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PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Theory & Design of Structures 2							
COURSE CODE (AS PER MU)	BARC204							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	2	0	0	0	2	0
CO2	1	1	1	0	1	0	2	0
CO3	2	1	1	2	0	1	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Apply problem-solving skills to analyze and design trusses, considering their behavior under different loading conditions and optimizing their structural performance.	2.45	Make the task less complex
CO2	Comprehend the properties of materials and understand the significance of different materials in structural design.	2.60	Set goals for the course a bit higher
CO3	Understanding the unique roles of architects and structural designers in the process of architectural design and construction and the interaction between the two	2.70	Method of the task needs to be revised
CO4		0.00	
CO5		0.00	

Course-level PO Attainments

PO1 Attainment		2.61		PO5 Attainment	2.60
PO2 Attainment		2.53		PO6 Attainment	2.60
PO3 Attainment		2.55		PO7 Attainment	2.60
PO4 Attainment		2.70		PO8 Attainment	2.60

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 2
COURSE CODE (AS PER MU)	BARC204
FACULTY	Rajitha G., Neeraj V.
FACULTY INCHARGE	Neeraj V.
TOTAL MARKS	100

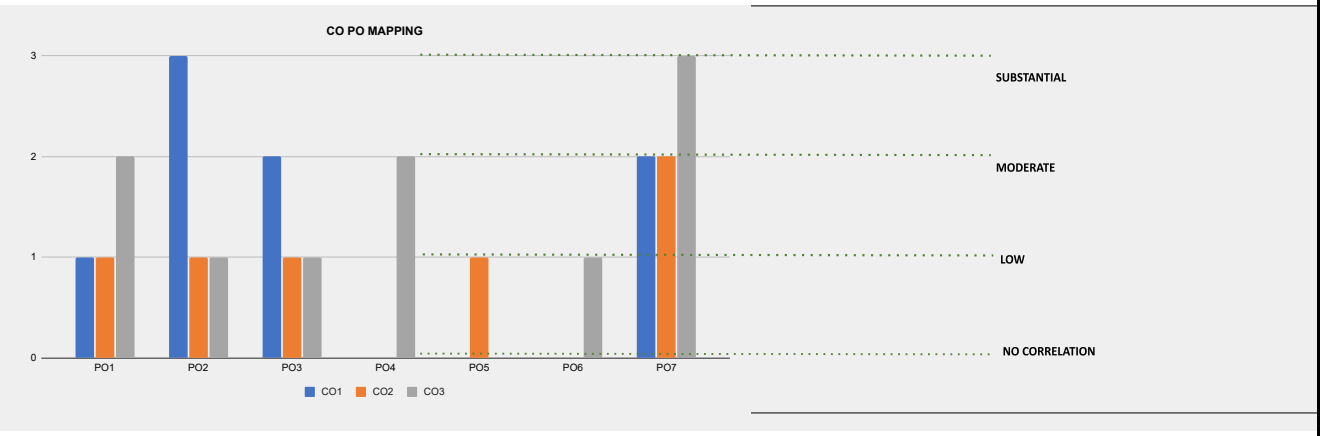
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Apply problem-solving skills to analyze and design trusses, considering their behavior under different loading conditions and optimizing their structural performance.	L3 - Apply (Use information in new situations)
CO2	Comprehend the properties of materials and understand the significance of different materials in structural design.	L2 - Understand (Explain ideas or concepts)
CO3	Understanding the unique roles of architects and structural designers in the process of architectural design and construction and the interaction between the two	L2 - Understand (Explain ideas or concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	2	0	0	0	2	0	2.00
CO2	1	1	1	0	1	0	2	0	1.20
CO3	2	1	1	2	0	1	3	2	1.71
PO AVERAGE	1.33	1.67	1.33	2.00	1.00	1.00	2.33	2.00	
Conclusion and Resolution	The course outcomes are slightly aligning with the program outcomes.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	26
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	33

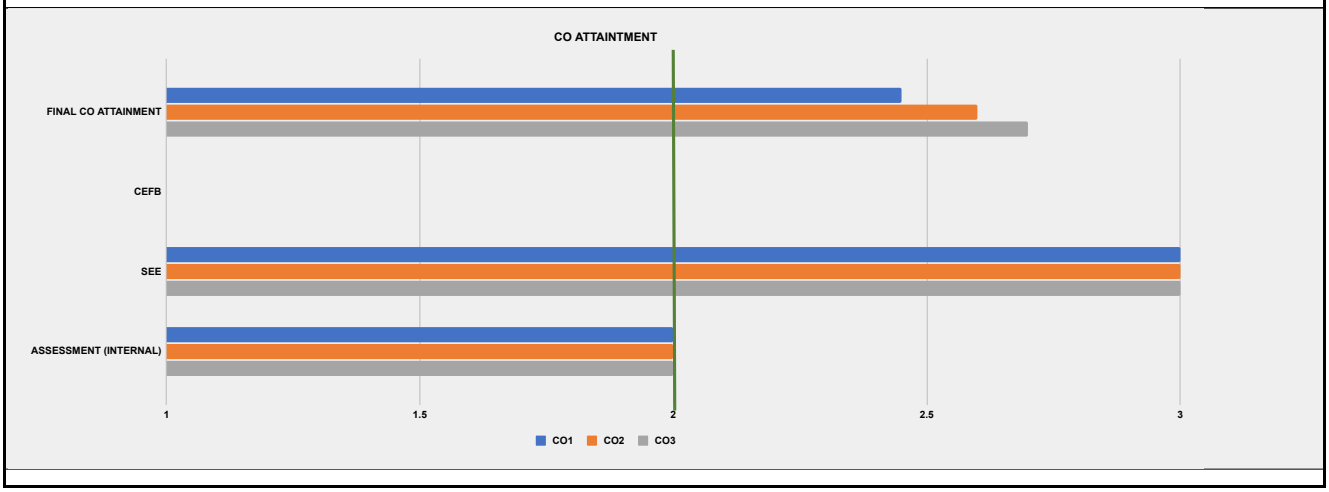
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	0	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2.5	No	Make the task less complex
CO2	2	3	-	2.60	2.5	Yes	Set goals for the course a bit higher
CO3	2	3	-	2.70	2.5	Yes	Method of the task needs to be revised

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2.5	No	Make the task less complex
CO2	2	3	-	2.60	2.5	Yes	Set goals for the course a bit higher
CO3	2	3	-	2.70	2.5	Yes	Method of the task needs to be revised



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Humanities 2							
COURSE CODE (AS PER MU)	BARC205							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**1**	**1**	**1**	**3**	**2**	**2**	**3**	**1**
CO2	**2**	**1**	**1**	**3**	**2**	**2**	**3**	**0**
CO3	**2**	**1**	**1**	**3**	**2**	**3**	**3**	**0**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	Students will be able to distinguish the 'ideal types' of pre-modern and modern, as well as vernacular and planned settlements.			**2.00**				
CO2	Students will adopt a conceptual framework to comprehend the diversity and affinity among settlement patterns and forms.			**2.00**				
CO3	Students will be able to identify social and natural determining factors through a reading of morphology and spatial patterns.			**2.00**				
Course-level PO Attainments								
PO1 Attainment			**2.00**		**PO5 Attainment**			**2.00**
PO2 Attainment			**2.00**		**PO6 Attainment**			**2.00**
PO3 Attainment			**2.00**		**PO7 Attainment**			**2.00**
PO4 Attainment			**2.00**		**PO8 Attainment**			**2.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 2
COURSE CODE (AS PER MU)	BARC205
FACULTY	Hussain Indorewala, Shweta Wagh
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

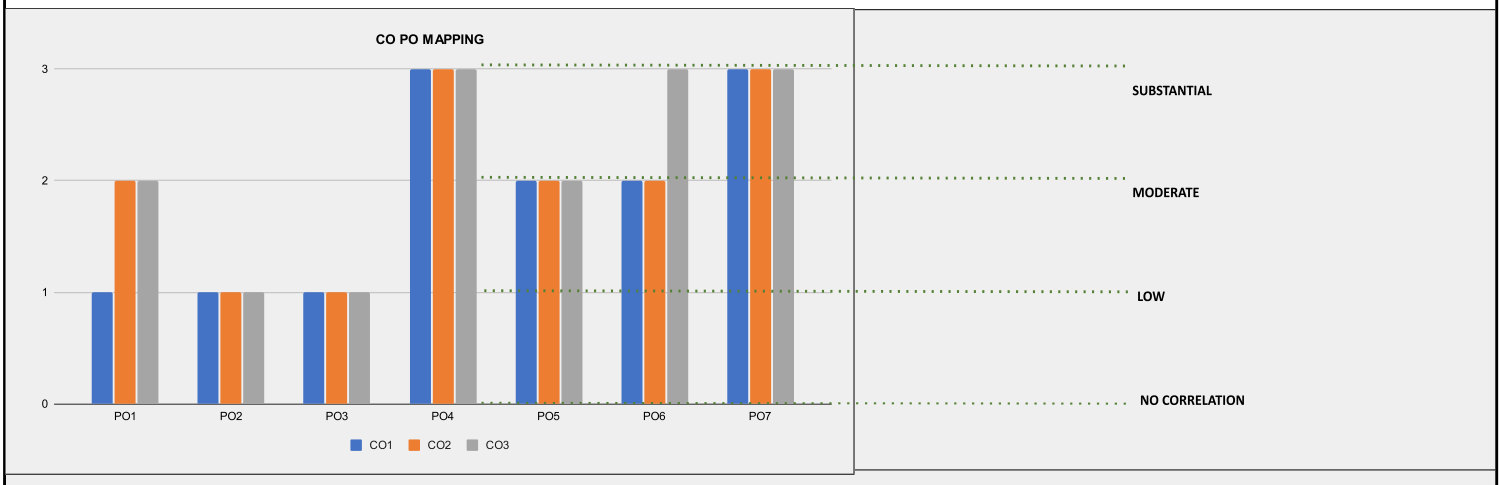
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will be able to distinguish the 'ideal types' of pre-modern and modern, as well as vernacular and planned settlements.	L2 - Understand (Explain ideas or concepts)
CO2	Students will adopt a conceptual framework to comprehend the diversity and affinity among settlement patterns and forms.	L4 - Analyse (Draw connections among ideas)
CO3	Students will be able to identify social and natural determining factors through a reading of morphology and spatial patterns.	L1 - Remember (Recall facts and basic concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	1	1	3	2	2	3	1	1.75
CO2	2	1	1	3	2	2	3	0	2.00
CO3	2	1	1	3	2	3	3	0	2.14
PO AVERAGE	1.67	1.00	1.00	3.00	2.00	2.33	3.00	1.00	
Conclusion and Resolution	Number of readings need to be increased								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



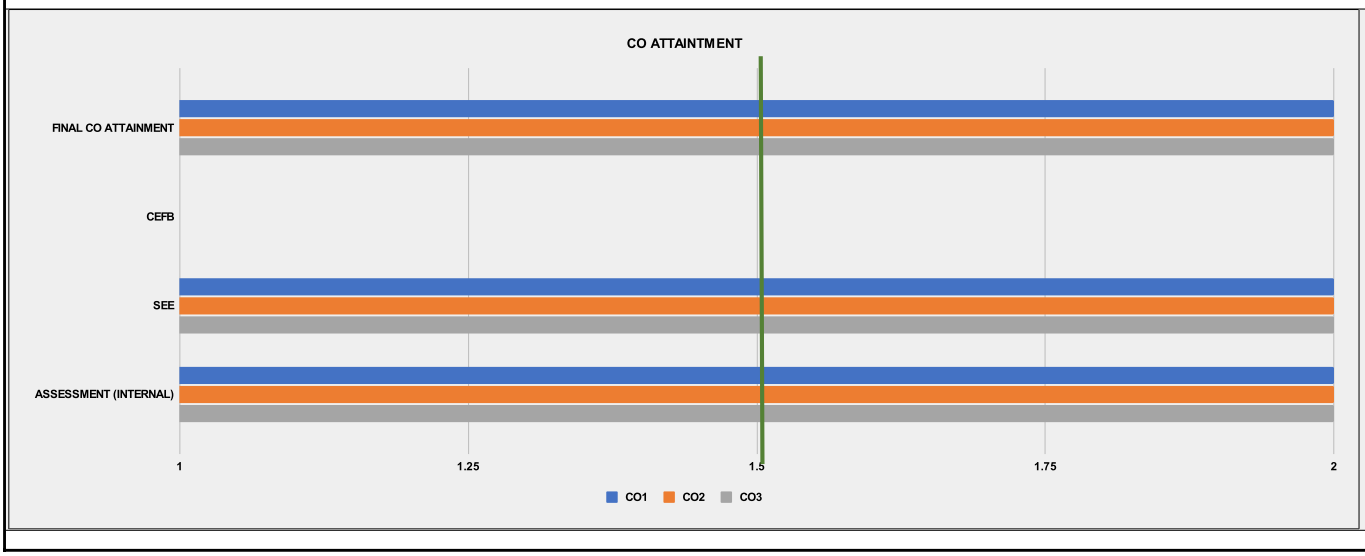
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	50	70	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	50	30	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	2	-	2	2	Yes	
CO2	2	2	-	2.00	2	Yes	
CO3	2	2	-	2.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Environmental Studies 2							
COURSE CODE (AS PER MU)	BARC206							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	1	1	1	1	1
CO2	3	2	2	1	1	1	1	1
CO3	1	2	2	2	1	1	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To critically focus on concepts of food cycle and permaculture, nature and built, climatology, elements of climate, and how architectural design principles have responded to different climate zones.	3.00	Target achieved as planned
CO2	To explore concepts of alternative techniques, renewable sources as a part of environment sensitive architecture and apply sustainable practices.	3.00	To increase hand on on sustainable practices and identify challenges
CO3	To engage with the ideas and concepts that have shaped environment-sensitive architectural thinking.	3.00	Increase field visits for better primary case study investigation

Course-level PO Attainments

PO1 Attainment		3.00		PO5 Attainment	3.00
PO2 Attainment		3.00		PO6 Attainment	3.00
PO3 Attainment		3.00		PO7 Attainment	3.00
PO4 Attainment		3.00		PO8 Attainment	3.00

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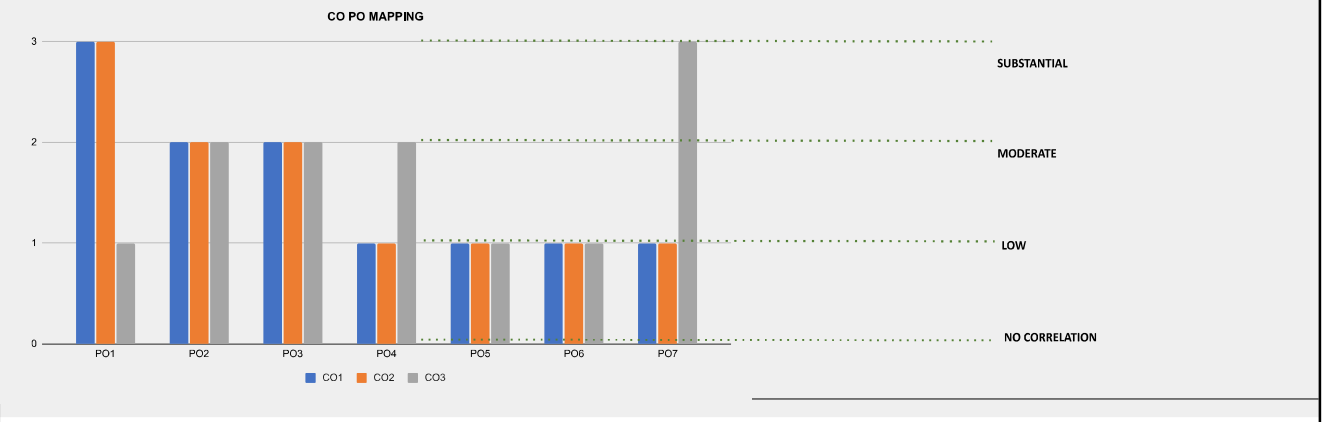
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 2
COURSE CODE (AS PER MU)	BARC206
FACULTY	Kimaya Keluskar, Minal Yerramshetty
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	50

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To critically focus on concepts of food cycle and permaculture, nature and built, climatology, elements of climate, and how architectural design principles have responded to different climate zones.	L2 - Understand (Explain ideas or concepts)
CO2	To explore concepts of alternative techniques, renewable sources as a part of environment sensitive architecture and apply sustainable practices.	L4 - Analyse (Draw connections among ideas)
CO3	To engage with the ideas and concepts that have shaped environment-sensitive architectural thinking.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	1	1	1	1	1	1.50
CO2	3	2	2	1	1	1	1	1	1.50
CO3	1	2	2	2	1	1	3	2	1.75
PO AVERAGE	2.33	2.00	2.00	1.33	1.00	1.00	1.67	1.33	
Conclusion and Resolution	The course outcomes are moderately aligned with program outcomes.								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

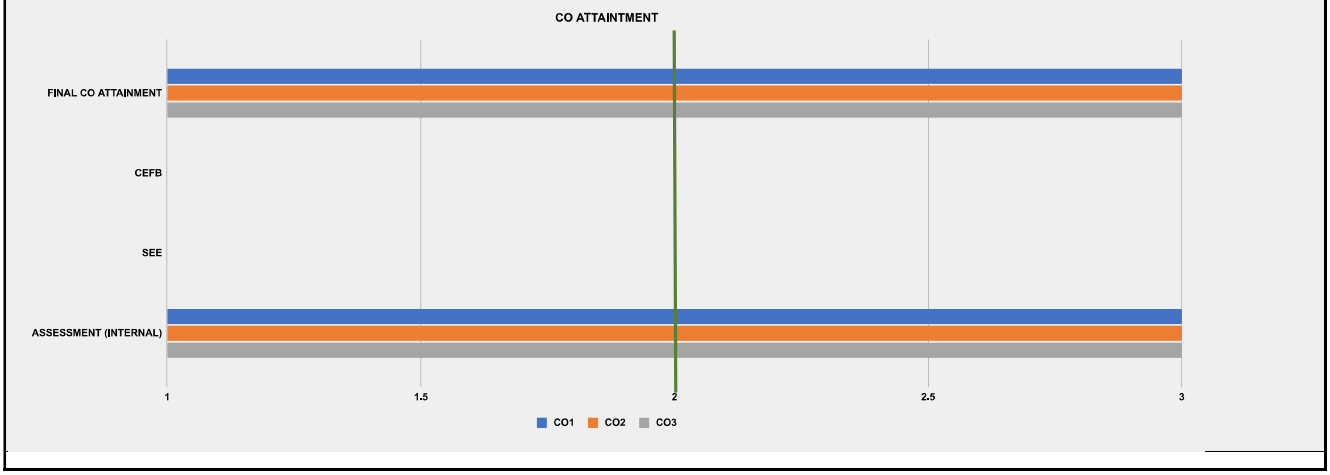


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100			ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	3	Yes	Target achieved as planned
CO2	3	-		3.00	2.5	Yes	To increase hand on on sustainable practices and identify challenges
CO3	3	-		3.00	3	Yes	Increase field visits for better primary case study investigation

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	3	Yes	Target achieved as planned
CO2	3	-		3.00	2.5	Yes	To increase hand on on sustainable practices and identify challenges
CO3	3	-		3.00	3	Yes	Increase field visits for better primary case study investigation



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing II
COURSE CODE (AS PER MU)	BARC207

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	0	1	3	3	2
CO2	1	2	3	0	0	0	3	1
CO3	3	1	3	1	0	0	2	3
CO4	2	1	3	0	0	0	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understand the techniques and methods for a comprehensive architectural representation.	3.00	
CO2	Enable students to learn how to use tools for representing spatial ideas, like drafting and model making.	3.00	
CO3	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	3.00	
CO4	Facilitate students to create orthographic projections, axonometric and isometric tools of representation of architecture.	3.00	

Course-level PO Attainments

PO1 Attainment		3.00	**PO5 Attainment**		3.00
PO2 Attainment		3.00	**PO6 Attainment**		3.00
PO3 Attainment		3.00	**PO7 Attainment**		3.00
PO4 Attainment		3.00	**PO8 Attainment**		3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing II
COURSE CODE (AS PER MU)	BARC207
FACULTY	ANKUSH, KARAN, AISHWARYA, MAMTA, MANSI, SANDEEP, SHIRISH, SONAL
FACULTY INCHARGE	SONAL
TOTAL MARKS	150

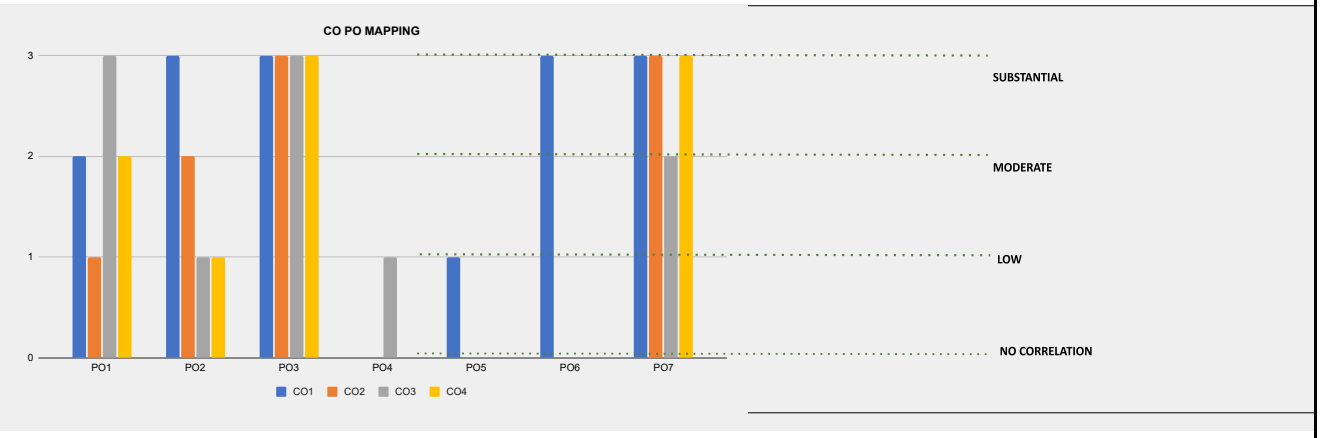
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understand the techniques and methods for a comprehensive architectural representation.	L2 - Understand (Explain ideas or concepts)
CO2	Enable students to learn how to use tools for representing spatial ideas, like drafting and model making.	L3 - Apply (Use information in new situations)
CO3	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	L6 - Create (Produce new or original work)
CO4	Facilitate students to create orthographic projections, axonometric and isometric tools of representation of architecture.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	3	0	1	3	3	2	2.43
CO2	1	2	3	0	0	0	3	1	2.00
CO3	3	1	3	1	0	0	2	3	2.17
CO4	2	1	3	0	0	0	3	0	2.25
PO AVERAGE	2.00	1.75	3.00	1.00	1.00	3.00	2.75	2.00	
Conclusion and Resolution	Considering the batches coming out of covid to have a more skill-based course exercises stressing lesser on the analytical and evaluative aspects of learning.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	85

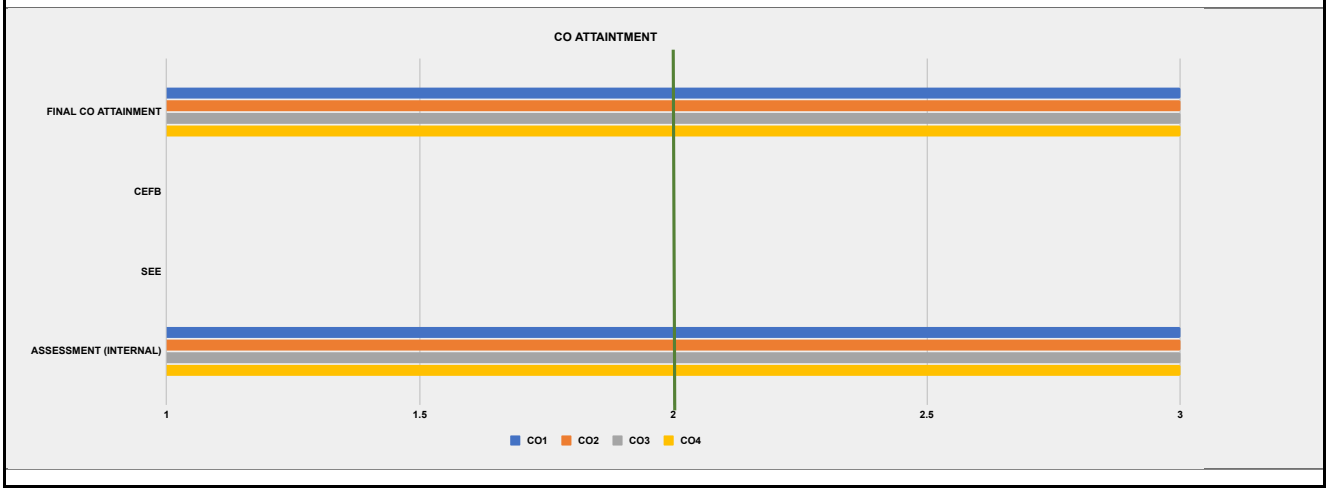
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.4	Yes	
CO2	3	-		3.00	2.4	Yes	
CO3	3	-		3.00	2.4	Yes	
CO4	3	-		3.00	2.4	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.4	Yes	
CO2	3	-		3.00	2.4	Yes	
CO3	3	-		3.00	2.4	Yes	
CO4	3	-		3.00	2.4	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects II
COURSE CODE (AS PER MU)	BARP220

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	0	0	3	3	3	3	1
CO2	3	2	2	1	0	3	3	2
CO3	3	2	2	1	0	3	3	2
CO4	3	0	3	2	0	0	0	3
CO5	3	3	3	1	0	3	1	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand concepts and ideas that have shaped the world that surrounds them and to evaluate these ideas as they emerge out of socio-economic structures	3.00	
CO2	To recall/remember ideas and key works in the history of Art and Architecture	3.00	
CO3	To critically analyse and evaluate works of art and architecture, with respect to the ideas that shape them, forms and expression.	3.00	
CO4	To understand published architectural theoretical works by architects and to be able to apply them as references to one's individual approach.	3.00	
CO5	Enabling the student to question the role and purpose of history in architecture	3.00	

Course-level PO Attainments

PO1 Attainment			3.00		**PO5 Attainment**			3.00
PO2 Attainment			3.00		**PO6 Attainment**			3.00
PO3 Attainment			3.00		**PO7 Attainment**			3.00
PO4 Attainment			3.00		**PO8 Attainment**			3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects II
COURSE CODE (AS PER MU)	BARP220
FACULTY	Architectural Theory (Sonal Sundararajan, Ankush Chandran) History (Ginella George and Sarah George)
FACULTY INCHARGE	Architectural Theory (Sonal) History (Ginella)
TOTAL MARKS	

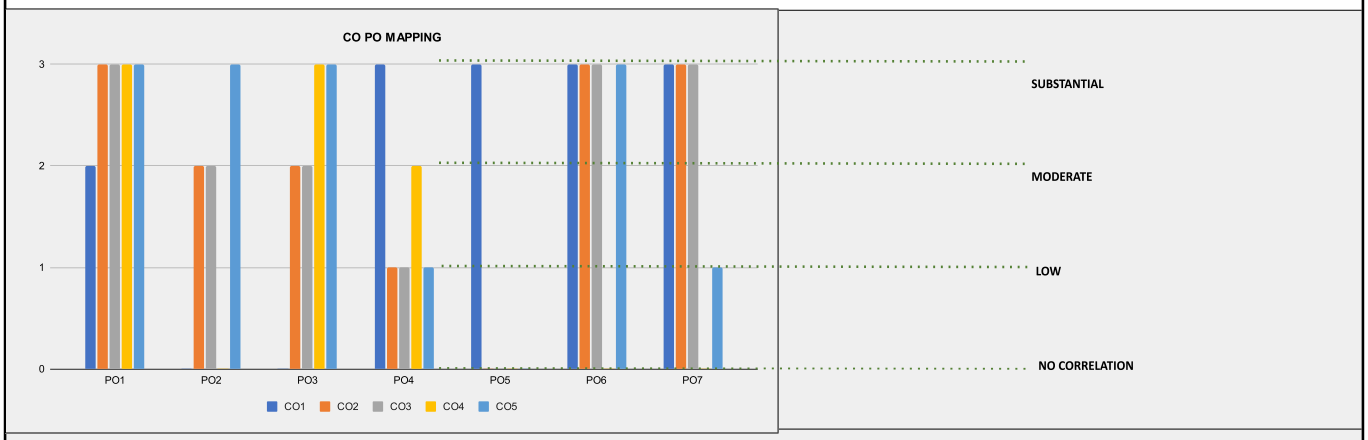
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand concepts and ideas that have shaped the world that surrounds them and to evaluate these ideas as they emerge out of socio-economic structures	L2 - Understand (Explain ideas or concepts)
CO2	To recall/remember ideas and key works in the history of Art and Architecture	L1 - Remember (Recall facts and basic concepts)
CO3	To critically analyse and evaluate works of art and architecture, with respect to the ideas that shape them, forms and expression.	L4 - Analyse (Draw connections among ideas)
CO4	To understand published architectural theoretical works by architects and to be able to apply them as references to one's individual approach.	L3 - Apply (Use information in new situations)
CO5	Enabling the student to question the role and purpose of history in architecture	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	0	0	3	3	3	3	1	2.50
CO2	3	2	2	1	0	3	3	2	2.29
CO3	3	2	2	1	0	3	3	2	2.29
CO4	3	0	3	2	0	0	0	3	2.75
CO5	3	3	3	1	0	3	1	3	2.43
PO AVERAGE	2.80	2.33	2.50	1.60	3.00	3.00	2.50	2.00	
Conclusion and Resolution	Collective discussion of theoretical ideas in Architectural Theory and historiographies in Architectural History must be designed as a part of the respective studios								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



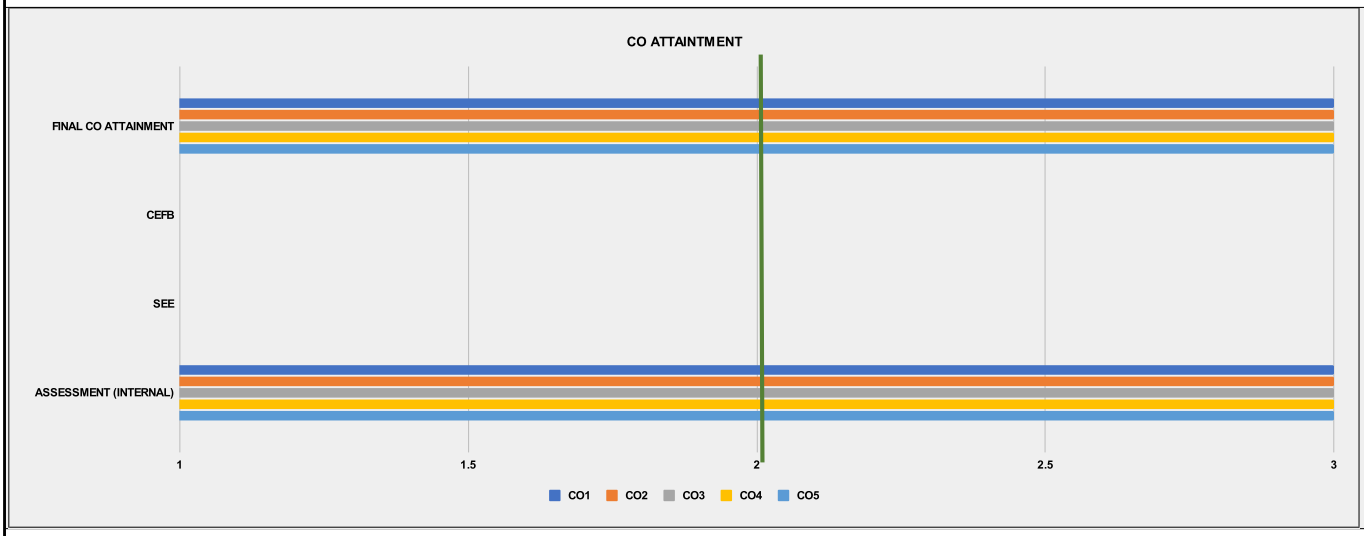
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	
CO4	3	-		3.00	2.5	Yes	
CO5	3	-		3.00	2.5	Yes	



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Second Year

Second Year Report

2021-22. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.26**	The design and technology studio successfully engages students with tools like critical thinking, responses to site conditions, and questioning the building tectonic and its construction techniques to a certain extent. Being a crucial formative year the student requires recommendations and suggestions on critical writings and case studies to enhance their learning arc
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.27**	Newer tools of engagement are to be offered in the form of tools and frameworks for students to facilitate their analytical and intuitive learning mechanisms
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.27**	Visual studies and architectural theory are to be carefully drafted to be a part of the second year at the BArch level to leverage the skills of ideation and imagination for individual students which in turn facilitates to develop of an understanding to navigate the space between abstraction and concrete
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.28**	More site and context-specific engagements to be introduced using theory subjects to develop sensitivity towards people, culture and own self
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.24**	Incorporate measures of adopting new policies within courses to enable the student to shape his/her individuality based on the value systems distilled at the institutional level, academic level and class level in order to position themselves with respect to the design challenges offered by the respective courses
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.23**	Facilitate students with social skillsets to engage with communities at a grassroots level to develop an understanding of the diverse relationship between material cultures and socio-economic systems. Introduce multilingual supporting modules to overcome language barriers while communicating with a diverse set of communities and context.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.23**	This requires to be more simplified and objective process at the second-year level for students to imbibe assimilate and implement the learnings
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.25**	To incorporate exercises to expose students to multiple possibilities of engagement and be able to question the relationship between theory and practice

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Semester 3

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 3
COURSE CODE (AS PER MU)	BARC301

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	2	2	0	2	2	0
CO2	2	3	1	3	0	3	3	0
CO3	0	2	3	0	0	0	0	1
CO4	3	2	3	3	3	3	3	0
CO5	1	2	1	0	2	0	0	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand questions around scale and ideas of anthropometrics	2.45	
CO2	To understand and observe various spaces, objects, things at different scales and document them in form of conceptual ideas and drawings	2.60	
CO3	To create investigation methods around ideas of forms through models (Operating in different materials), drawings etc.	2.70	
CO4	To analyze ideas of home and develop broader ways of seeing at fundamental concepts of domesticity.	2.30	
CO5	To create different modes of representations by imagining spaces at various scales to help students in producing well resolved complete set of drawings (plan, sections and elevations)	2.50	

Course-level PO Attainments

PO1 Attainment	2.44	PO5 Attainment	2.38
PO2 Attainment	2.51	PO6 Attainment	2.45
PO3 Attainment	2.50	PO7 Attainment	2.45
PO4 Attainment	2.45	PO8 Attainment	2.60

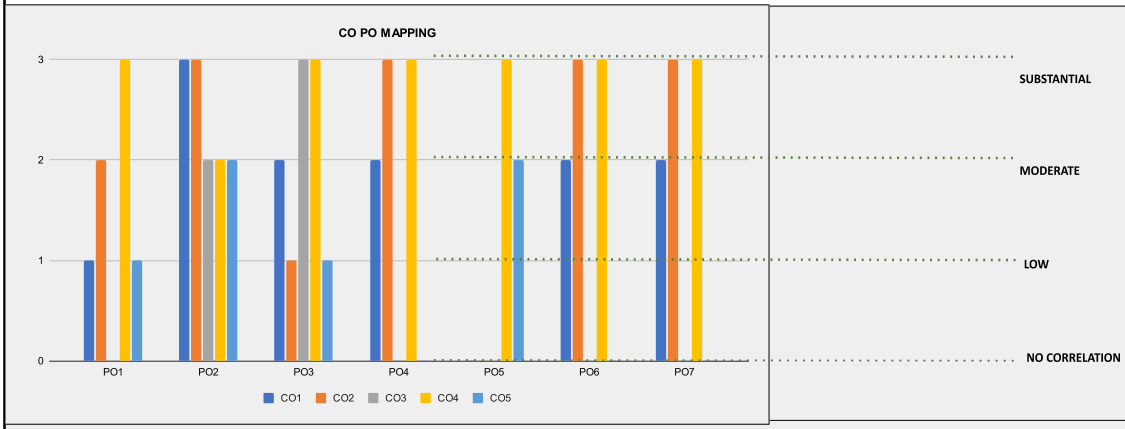
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 3
COURSE CODE (AS PER MU)	BARC301
FACULTY	
FACULTY INCHARGE	
TOTAL MARKS	

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand questions around scale and ideas of anthropometrics	L2 - Understand (Explain ideas or concepts)
CO2	To understand and observe various spaces, objects, things at different scales and document them in form of conceptual ideas and drawings	L2 - Understand (Explain ideas or concepts)
CO3	To create investigation methods around ideas of forms through models (Operating in different materials), drawings etc.	L6 - Create (Produce new or original work)
CO4	To analyze ideas of home and develop broader ways of seeing at fundamental concepts of domesticity.	L4 - Analyse (Draw connections among ideas)
CO5	To create different modes of representations by imagining spaces at various scales to help students in producing well resolved complete set of drawings (plan, sections and elevations)	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	2	2	0	2	2	0	2.00
CO2	2	3	1	3	0	3	3	0	2.50
CO3	0	2	3	0	0	0	0	1	2.00
CO4	3	2	3	3	3	3	3	0	2.86
CO5	1	2	1	0	2	0	0	1	1.40
PO AVERAGE	1.75	2.40	2.00	2.67	2.50	2.67	2.67	1.00	
Conclusion and Resolution									

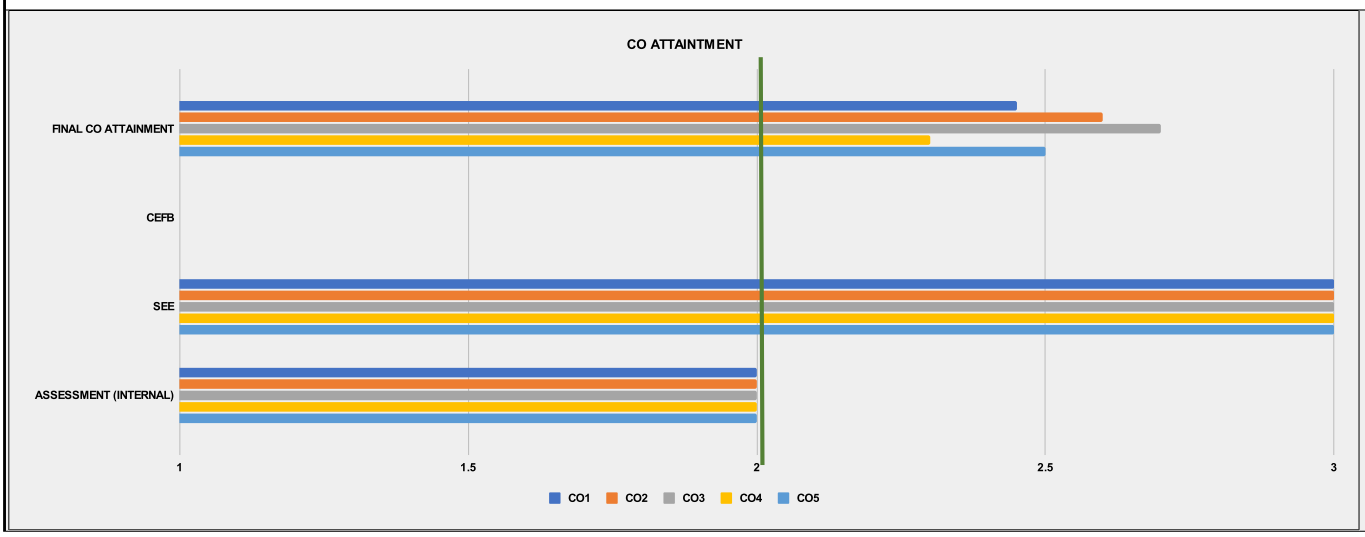
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	62
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	67

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	2.30	2	Yes	
CO5	2	3	-	2.50	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 3
COURSE CODE (AS PER MU)	BARC302

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	0	1	2	3	0
CO2	2	3	3	0	2	1	3	1
CO3	2	2	3	2	1	2	3	2
CO4	1	2	3	0	0	0	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand the spatial and functional aspects influencing the form of the object.	2.00	
CO2	To apply and analyze the design idea by physically building the object through an iterative process.	2.00	
CO3	To evaluate the design for the desired function and precision.	2.00	
CO4	To create designs that utilize material properties and other constraints set in the studio.	2.00	

Course-level PO Attainments

PO1 Attainment		2.00		PO5 Attainment	2.00
PO2 Attainment		2.00		PO6 Attainment	2.00
PO3 Attainment		2.00		PO7 Attainment	2.00
PO4 Attainment		2.00		PO8 Attainment	2.00

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 3
COURSE CODE (AS PER MU)	BARC302
FACULTY	George Jacob, Hussain Indorewala, Mansi Bhatt, Nikhil, Swati, Ankush
FACULTY INCHARGE	George Jacob
TOTAL MARKS	100

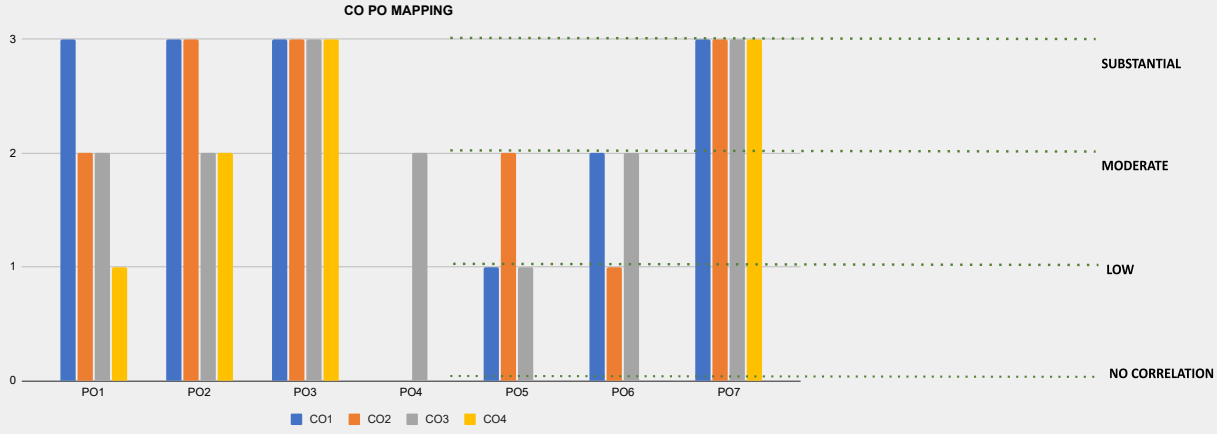
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the spatial and functional aspects influencing the form of the object.	L2 - Understand (Explain ideas or concepts)
CO2	To apply and analyze the design idea by physically building the object through an iterative process.	L4 - Analyse (Draw connections among ideas)
CO3	To evaluate the design for the desired function and precision.	L5 - Evaluate (Justify a stand or decision)
CO4	To create designs that utilize material properties and other constraints set in the studio.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	0	1	2	3	0	2.50
CO2	2	3	3	0	2	1	3	1	2.14
CO3	2	2	3	2	1	2	3	2	2.13
CO4	1	2	3	0	0	0	3	3	2.40
PO AVERAGE	2.00	2.50	3.00	2.00	1.33	1.67	3.00	2.00	
Conclusion and Resolution	a better understanding of the relation between the object itself and space. The Formal application of the strategies was explored and the material performance was ev								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



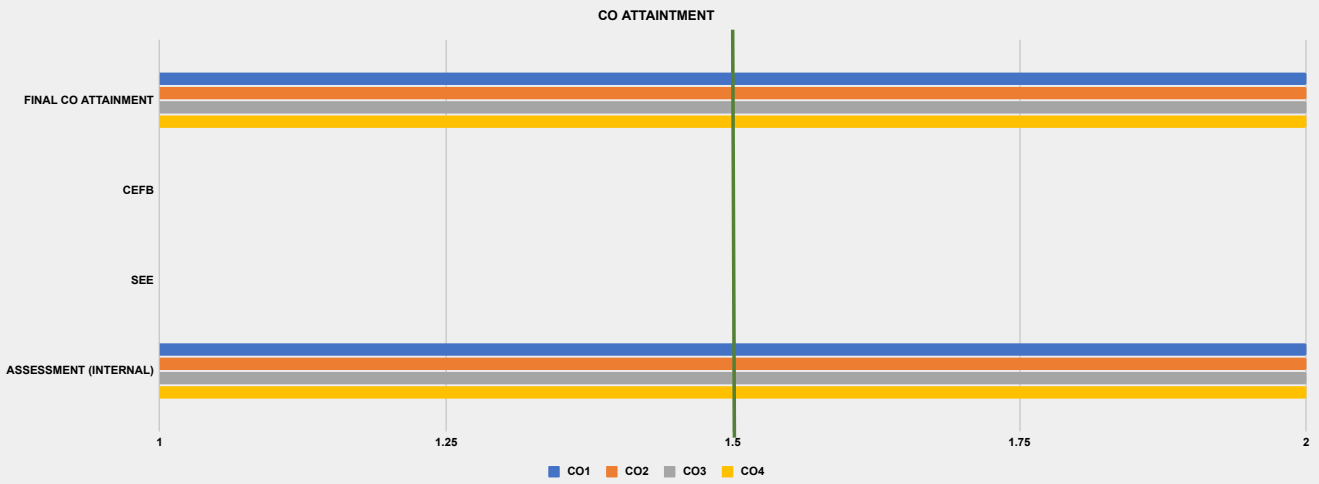
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.2	No	Object building can intensely focus on understanding the properties and character
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 3
COURSE CODE (AS PER MU)	BARC303

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	0	0	1	0	3	2	0
CO2	1	1	1	2	0	3	2	1
CO3	2	3	3	2	0	1	3	2
CO4	3	3	3	3	1	2	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand the underlying principles of structural systems and their application.	2.50	Achieved as planned
CO2	To create an analytical framework for observing buildings and their structural systems.	2.65	Achieved as planned
CO3	To apply and represent the learnings about different structural systems in their own designs.	2.55	Achieved as planned
CO4	To be able to gauge the performance of a structure in its geographical, climatic and topographical context and develop sensitivity towards the efficient use of scarce resources	2.70	Achieved as planned

Course-level PO Attainments

PO1 Attainment		**2.61**		**PO5 Attainment**	**2.70**
PO2 Attainment		**2.63**		**PO6 Attainment**	**2.60**
PO3 Attainment		**2.63**		**PO7 Attainment**	**2.61**
PO4 Attainment		**2.63**		**PO8 Attainment**	**2.63**

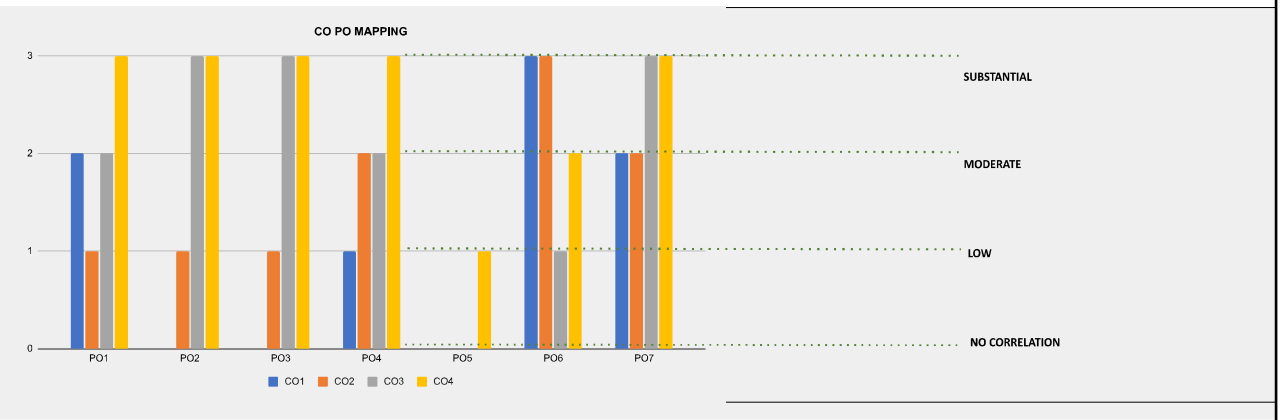
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 3
COURSE CODE (AS PER MU)	BARC303
FACULTY	Shirish, Mamta, George, Dharmesh, Rutika, Neeraj, Shantanu K, Milan S
FACULTY INCHARGE	Shirish
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the underlying principles of structural systems and their application.	L2 - Understand (Explain ideas or concepts)
CO2	To create an analytical framework for observing buildings and their structural systems.	L6 - Create (Produce new or original work)
CO3	To apply and represent the learnings about different structural systems in their own designs.	L3 - Apply (Use information in new situations)
CO4	To be able to gauge the performance of a structure in its geographical, climatic and topographical context and develop sensitivity towards the efficient use of scarce resources	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	0	0	1	0	3	2	0	2.00
CO2	1	1	1	2	0	3	2	1	1.57
CO3	2	3	3	2	0	1	3	2	2.29
CO4	3	3	3	3	1	2	3	2	2.50
PO AVERAGE	2.00	2.33	2.33	2.00	1.00	2.25	2.50	1.67	
Conclusion and Resolution	More group assignments are required								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



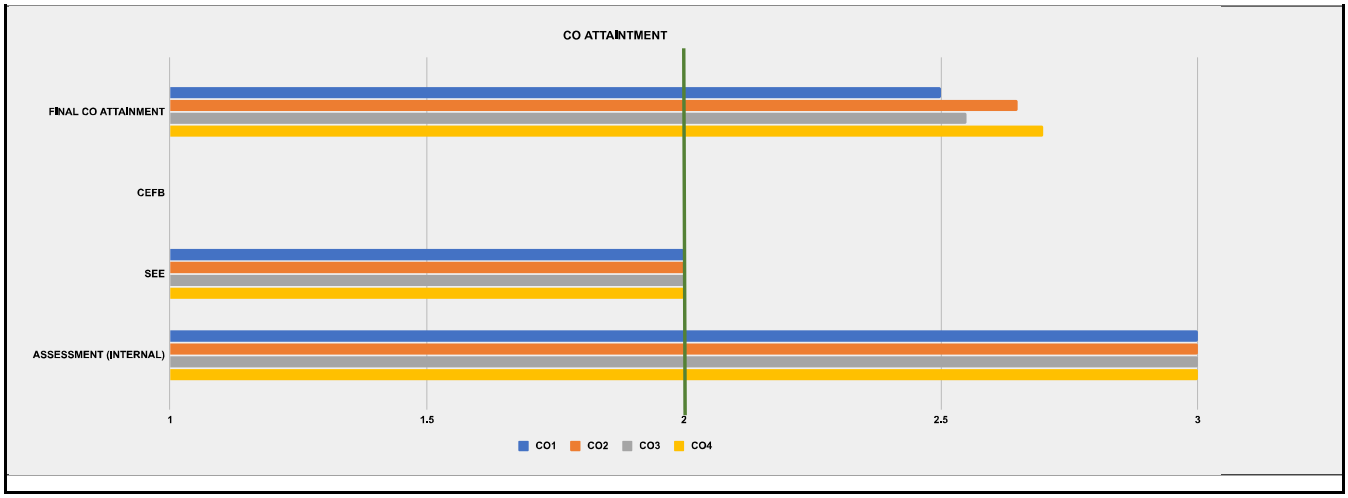
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	25
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	50	65	55	70	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	50	35	45	30	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.5	2.5	Yes	Achieved as planned
CO2	3	2	-	2.65	2.5	Yes	Achieved as planned
CO3	3	2	-	2.55	2.5	Yes	Achieved as planned
CO4	3	2	-	2.70	2.5	Yes	Achieved as planned

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.5	2.5	Yes	Achieved as planned
CO2	3	2	-	2.65	2.5	Yes	Achieved as planned
CO3	3	2	-	2.55	2.5	Yes	Achieved as planned
CO4	3	2	-	2.70	2.5	Yes	Achieved as planned



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 3
COURSE CODE (AS PER MU)	BARC304

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	2	2	2	3	0	1
CO2	3	3	2	0	1	2	3	2
CO3	2	2	2	0	2	3	2	1
CO4	2	1	3	2	3	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, and shortcomings.	2.55	
CO2	Develop an intuitive understanding of the structural components – beams, columns and footing; the stresses involved during the load transfer	2.40	
CO3	Understand the behavior of the material and structural member (deflection, bending etc.) and application of same in the structural planning	2.30	Medium of teaching should be more interactive and practical for better clarity of the course application
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.70	

Course-level PO Attainments

PO1 Attainment		**2.49**		**PO5 Attainment**	**2.53**
PO2 Attainment		**2.44**		**PO6 Attainment**	**2.48**
PO3 Attainment		**2.51**		**PO7 Attainment**	**2.46**
PO4 Attainment		**2.63**		**PO8 Attainment**	**2.51**

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 3
COURSE CODE (AS PER MU)	BARC304
FACULTY	Rajitha, Neeraj
FACULTY INCHARGE	Neeraj
TOTAL MARKS	100

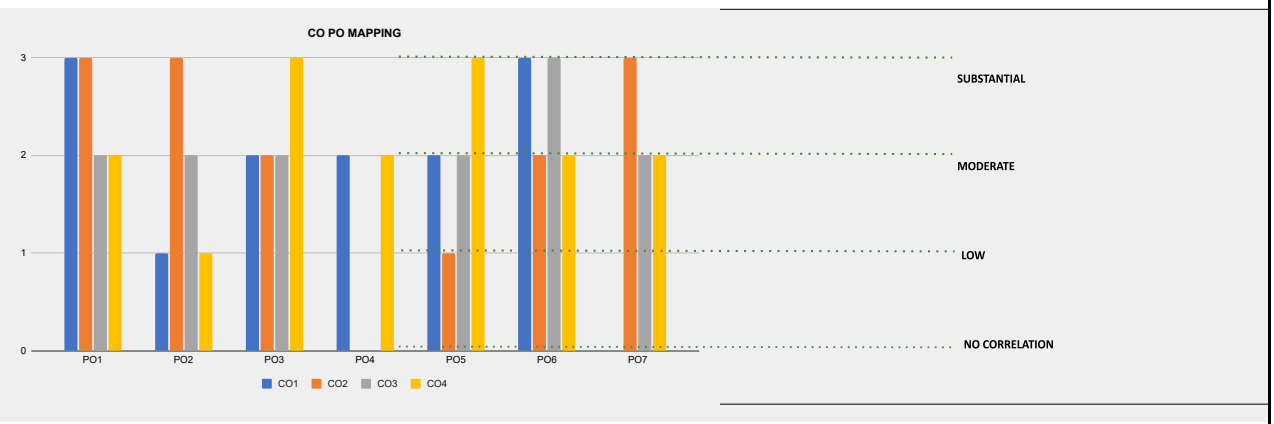
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, and shortcomings.	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of the structural components – beams, columns and footing; the stresses involved during the load transfer	L3 - Apply (Use information in new situations)
CO3	Understand the behavior of the material and structural member (deflection, bending etc.) and application of same in the structural planning	L3 - Apply (Use information in new situations)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	2	2	2	3	0	1	2.00
CO2	3	3	2	0	1	2	3	2	2.29
CO3	2	2	2	0	2	3	2	1	2.00
CO4	2	1	3	2	3	2	2	2	2.13
PO AVERAGE	2.50	1.75	2.25	2.00	2.00	2.50	2.33	1.50	
Conclusion and Resolution	The course intents to develop a basic understanding of the behaviour of structural elements in a built system through lectures, hands on exercise and case examples. This enables the students to establish practical connnection between the profession and the course								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

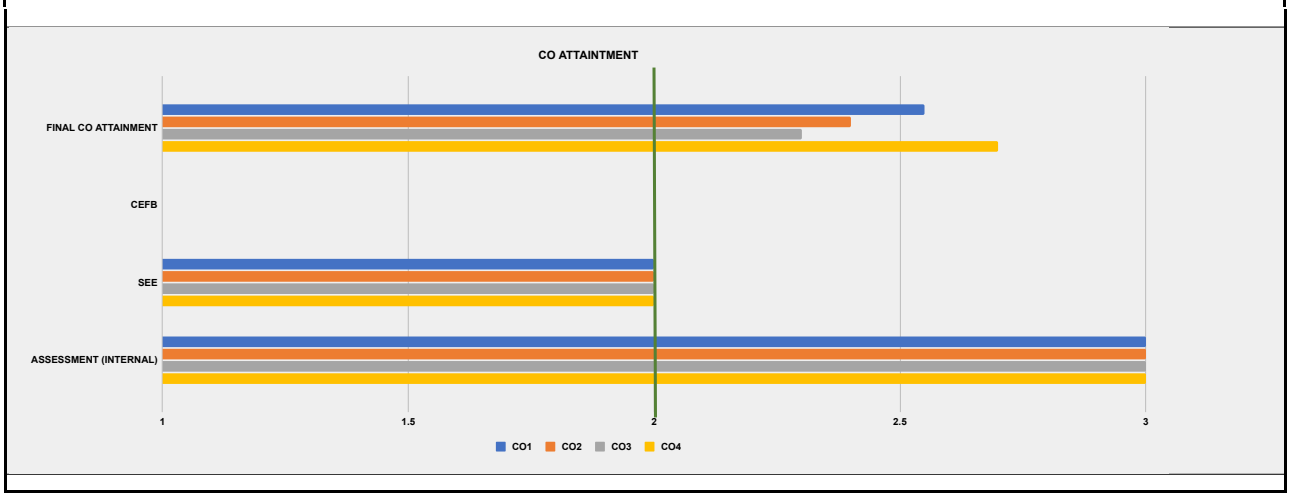
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70		ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30		
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	Medium of teaching should be more interactive and practical for better clarity of the course application
CO2	3	2	-	2.40	2	Yes	
CO3	3	2	-	2.30	2.5	No	
CO4	3	2	-	2.70	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	Medium of teaching should be more interactive and practical for better clarity of the course application
CO2	3	2	-	2.40	2	Yes	
CO3	3	2	-	2.30	2.5	No	
CO4	3	2	-	2.70	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 1
COURSE CODE (AS PER MU)	BARC308

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	0	0	0	3	2
CO2	0	0	0	2	0	3	3	2
CO3	1	0	3	0	0	0	3	2
CO4	2	2	3	0	1	0	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	As a part of introduction, students will be able to understand the relevance of services and infrastructural systems as an integral part of architectural design	1.35	Need to show more case study to understand integration.
CO2	To be able to understand the water flow in a building, and understand the concept of 3Rs (reduce, reuse and recycle) of solid waste within a building.	1.35	Do more intensive hands on exercise to understand concept of 3R
CO3	To be able to explore and investigate the integration of building infrastructure, material and structural components.	1.35	More engagement with topic during lectures
CO4	To be able to apprehend how building services and infrastructure informs the architectural design.	1.30	Push the learner more towards implementation of concepts

Course-level PO Attainments

PO1 Attainment	1.33	PO5 Attainment	1.30
PO2 Attainment	1.33	PO6 Attainment	1.35
PO3 Attainment	1.33	PO7 Attainment	1.34
PO4 Attainment	1.35	PO8 Attainment	1.34

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 1
COURSE CODE (AS PER MU)	BARC308
FACULTY	Minal, Charvi
FACULTY INCHARGE	Minal
TOTAL MARKS	100

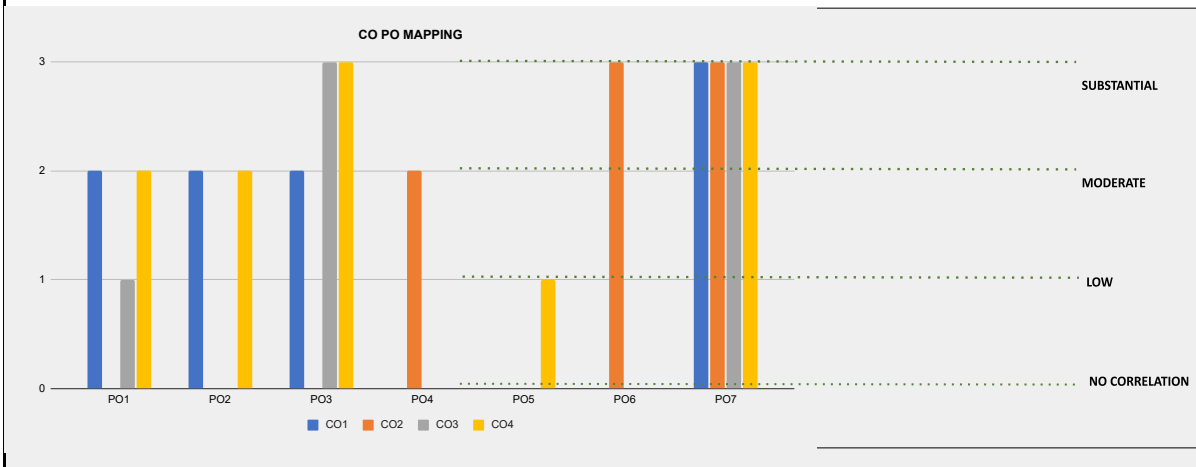
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	As a part of introduction, students will be able to understand the relevance of services and infrastructural systems as an integral part of architectural design	L2 - Understand (Explain ideas or concepts)
CO2	To be able to understand the water flow in a building, and understand the concept of 3Rs (reduce, reuse and recycle) of solid waste within a building.	L2 - Understand (Explain ideas or concepts)
CO3	To be able to explore and investigate the integration of building infrastructure, material and structural components.	L3 - Apply (Use information in new situations)
CO4	To be able to apprehend how building services and infrastructure informs the architectural design.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	2	0	0	0	3	2	2.20
CO2	0	0	0	2	0	3	3	2	2.50
CO3	1	0	3	0	0	0	3	2	2.25
CO4	2	2	3	0	1	0	3	2	2.17
PO AVERAGE	1.67	2.00	2.67	2.00	1.00	3.00	3.00	2.00	
Conclusion and Resolution	The course aligns with the programme objectives to a moderate degree								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

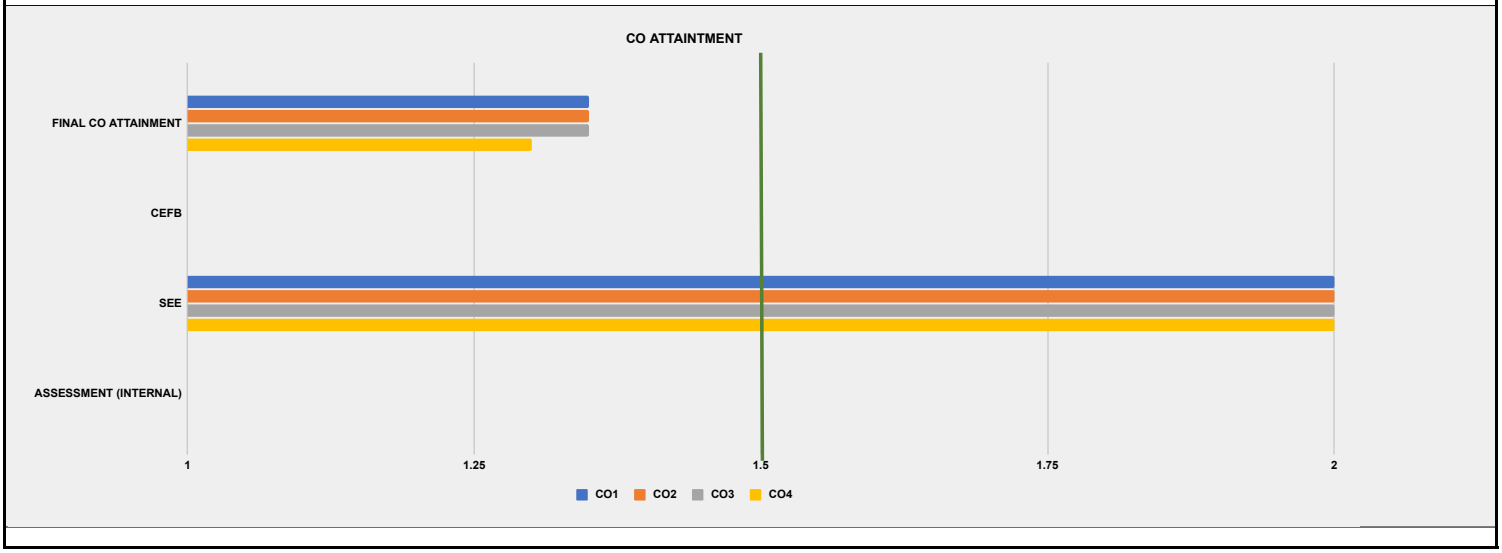
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5
INTERNAL MARKS	65	65	65	70	50
SEE	35	35	35	30	50
DIRECT METHOD	100	100	100	100	100
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0

WEIGHTAGE CAN BE DECIDED AS PER SUBJECT

ALWAYS ENSURE THE TOTAL IS 100 %

ALWAYS ENSURE THE TOTAL IS 100 %

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	1	2	-	1.35	2	No	Need to show more case study to understand integration.
CO2	1	2	-	1.35	2	No	Do more intensive hands on exercise to understand concept of 3R
CO3	1	2	-	1.35	2	No	More engagement with topic during lectures
CO4	1	2	-	1.30	2	No	Push the learner more towards implementation of concepts



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 3							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Humanities 3							
COURSE CODE (AS PER MU)	BARC305							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	1	2	2	1	1
CO2	2	3	1	2	2	2	1	1
CO3	3	3	2	2	2	3	1	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To analyze particular phenomena through general concepts	2.40	More course readings need to be provided
CO2	Using the dialectical method or relational ideas to investigate phenomena	2.50	
CO3	Exploring ideas of social theory through debate and to articulate them in written form	2.50	

Course-level PO Attainments

PO1 Attainment			2.46		**PO5 Attainment**			2.47
PO2 Attainment			2.47		**PO6 Attainment**			2.47
PO3 Attainment			2.46		**PO7 Attainment**			2.47
PO4 Attainment			2.48		**PO8 Attainment**			2.47

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 3
COURSE CODE (AS PER MU)	BARC305
FACULTY	Hussain Indorewala, Shweta Wagh
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

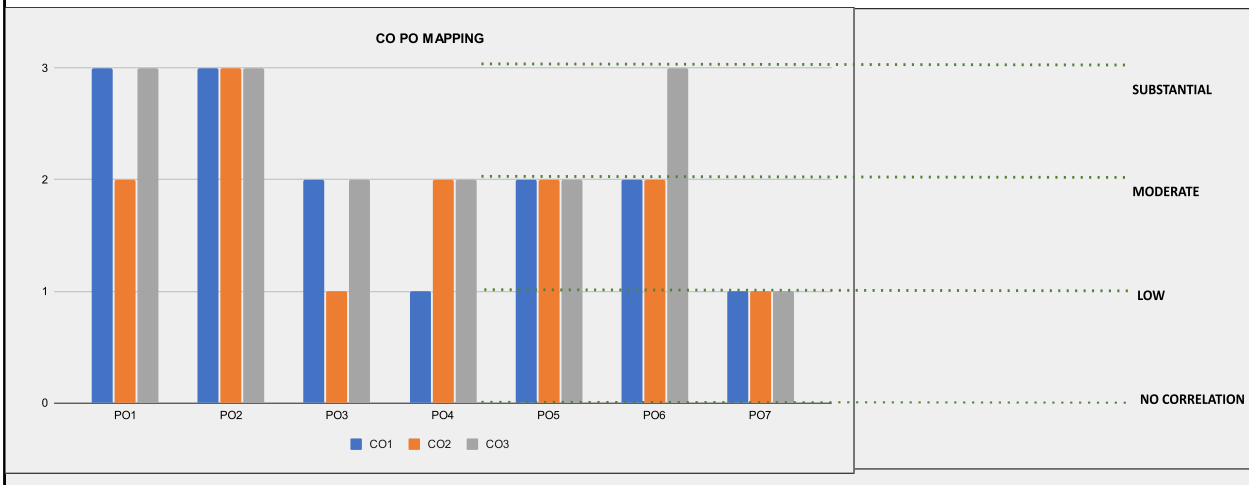
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To analyze particular phenomena through general concepts	L4 - Analyse (Draw connections among ideas)
CO2	Using the dialectical method or relational ideas to investigate phenomena	L3 - Apply (Use information in new situations)
CO3	Exploring ideas of social theory through debate and to articulate them in written form	L1 - Remember (Recall facts and basic concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	2	1	2	2	1	1	1.88
CO2	2	3	1	2	2	2	1	1	1.75
CO3	3	3	2	2	2	3	1	1	2.13
PO AVERAGE	2.67	3.00	1.67	1.67	2.00	2.33	1.00	1.00	
Conclusion and Resolution	Analytical exercises need to be added								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



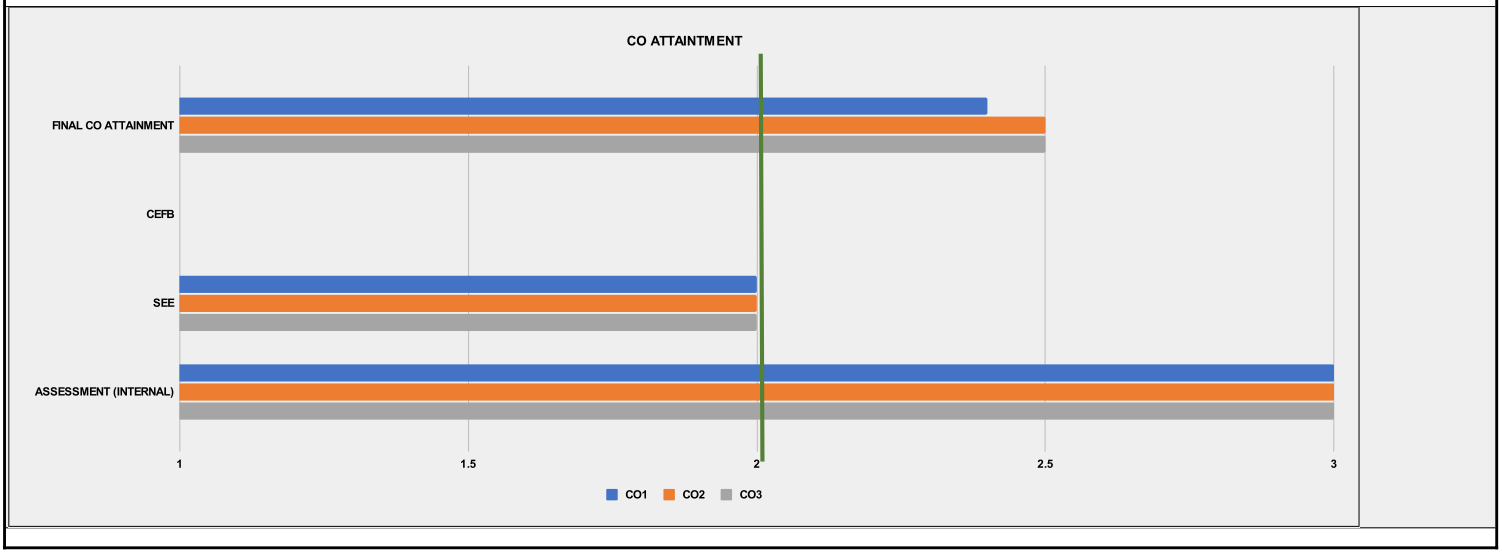
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	26
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	36

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	40	50	50	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	60	50	50	0	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.4	2.5	No	More course readings need to be provided
CO2	3	2	-	2.50	2.5	Yes	
CO3	3	2	-	2.50	2.5	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 3
COURSE CODE (AS PER MU)	BARC306

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	1	2	1
CO2	2	3	1	2	1	2	2	1
CO3	3	2	2	1	2	2	2	1
CO4	2	2	2	1	2	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To be able to understand the relationship between built-environment design and environmental parameters including natural ventilation and air quality, daylight etc.	2.00	To explain passive techniques using principles and case studies
CO2	To explore how the different environmental aspects inform thermally comfortable design decisions, through vernacular and contemporary case study approaches.	2.00	To include more case studies
CO3	To be able to recognize passive architectural features, identify the materials, details including built forms, construction techniques and principles that evolve due to climatic responses.	2.00	Target achieved as planned
CO4	To be able to analytically understand the climatic variables, followed by a resolution of the building keeping in view a strong climate response.	2.00	To increase students ability towards resolution through excercises

Course-level PO Attainments

PO1 Attainment		2.00		**PO5 Attainment**	2.00
PO2 Attainment		2.00		**PO6 Attainment**	2.00
PO3 Attainment		2.00		**PO7 Attainment**	2.00
PO4 Attainment		2.00		**PO8 Attainment**	2.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 3
COURSE CODE (AS PER MU)	BARC306
FACULTY	Minal Yerramshetty, Kimaya Keluskar
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	50

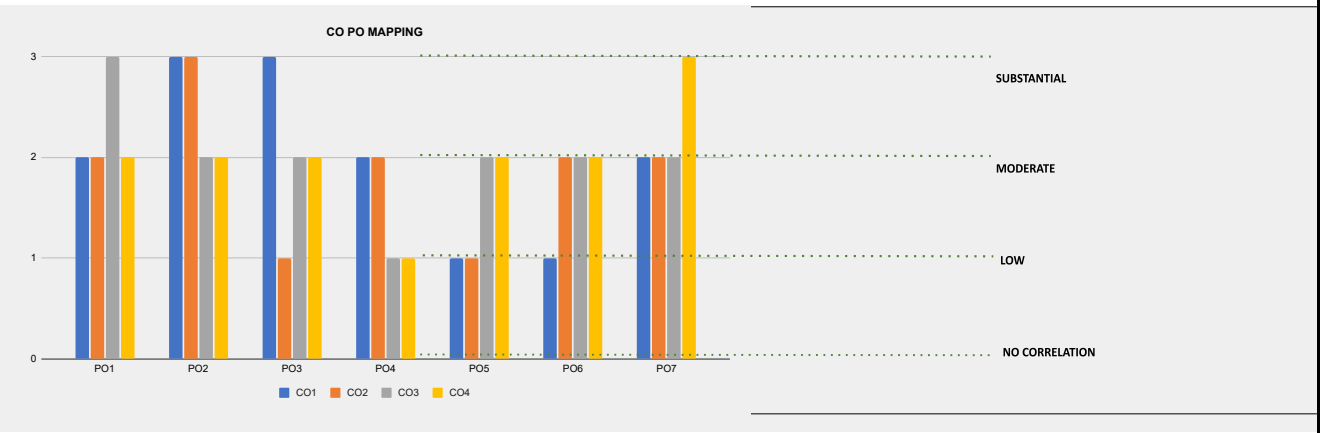
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To be able to understand the relationship between built-environment design and environmental parameters including natural ventilation and air quality, daylight etc.	L2 - Understand (Explain ideas or concepts)
CO2	To explore how the different environmental aspects inform thermally comfortable design decisions, through vernacular and contemporary case study approaches.	L2 - Understand (Explain ideas or concepts)
CO3	To be able to recognize passive architectural features, identify the materials, details including built forms, construction techniques and principles that evolve due to climatic responses.	L5 - Evaluate (Justify a stand or decision)
CO4	To be able to analytically understand the climatic variables, followed by a resolution of the building keeping in view a strong climate response.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	3	2	1	1	2	1	1.88
CO2	2	3	1	2	1	2	2	1	1.75
CO3	3	2	2	1	2	2	2	1	1.88
CO4	2	2	2	1	2	2	3	1	1.88
PO AVERAGE	2.25	2.50	2.00	1.50	1.50	1.75	2.25	1.00	
Conclusion and Resolution	Trial text								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

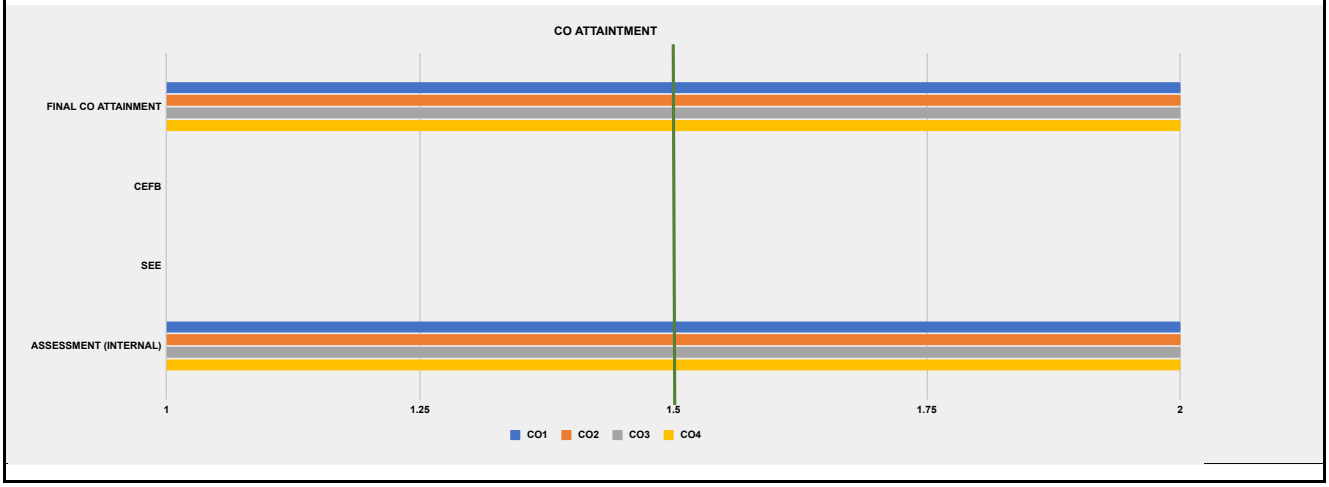
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100		ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.5	No	To explain passive techniques using principles and case studies
CO2	2	-		2.00	3	No	To include more case studies
CO3	2	-		2.00	2	Yes	Target achieved as planned
CO4	2	-		2.00	2.5	No	To increase students ability towards resolution through excercises

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	To explain passive techniques using principles and case studies
CO2	2	-		2.00	3	No	To include more case studies
CO3	2	-		2.00	2	Yes	Target achieved as planned
CO4	2	-		2.00	2.5	No	To increase students ability towards resolution through excercises



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 3							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 3							
COURSE CODE (AS PER MU)	BARC307							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	2	2	2	2	3	3
CO2	2	3	2	2	2	2	3	3
CO3	2	3	2	2	1	2	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Encourage and equip students to be able to make critical and ethical choices of medium and form in their own work.	2.00	More working studio time would have helped
CO2	Enable students to create innovative analytical critical and expressive multimedia works as spatial representations and maps.	2.00	
CO3	Sensitise students to issues and spaces in the urban environment.	2.00	More time could have been spent on site mapping

Course-level PO Attainments

PO1 Attainment			2.00		**PO5 Attainment**			2.00
PO2 Attainment			2.00		**PO6 Attainment**			2.00
PO3 Attainment			2.00		**PO7 Attainment**			2.00
PO4 Attainment			2.00		**PO8 Attainment**			2.00

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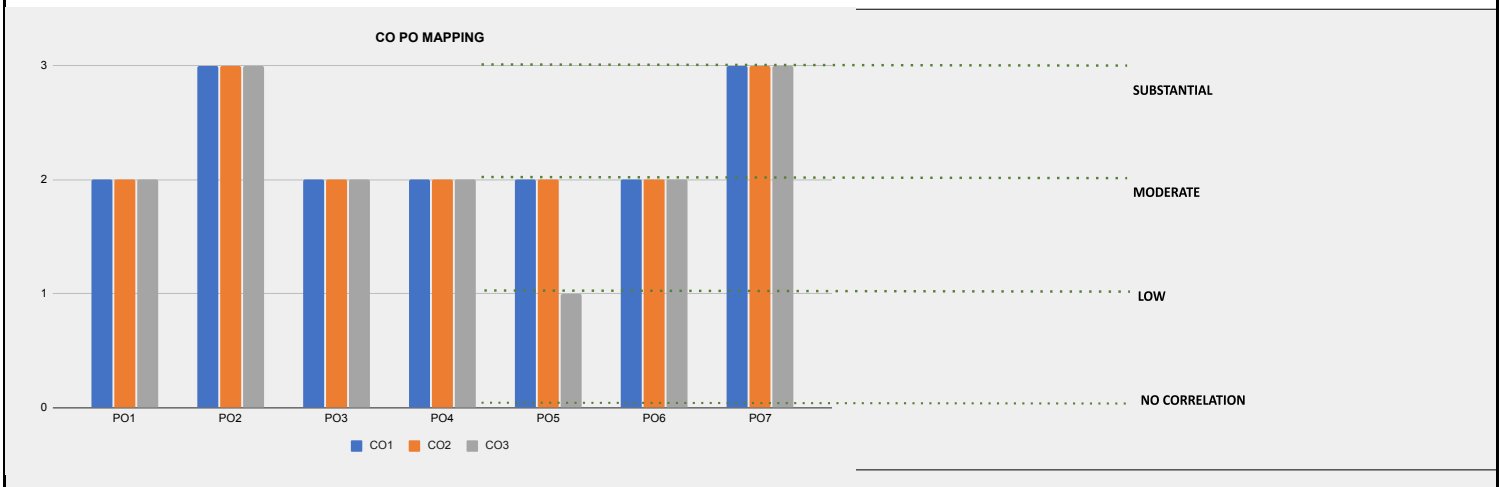
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 3
COURSE CODE (AS PER MU)	BARC307
FACULTY	Mansi B, Rutika P, Sonal S
FACULTY INCHARGE	Mansi Bhatt
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Encourage and equip students to be able to make critical and ethical choices of medium and form in their own work.	L4 - Analyse (Draw connections among ideas)
CO2	Enable students to create innovative analytical critical and expressive multimedia works as spatial representations and maps.	L3 - Apply (Use information in new situations)
CO3	Sensitise students to issues and spaces in the urban environment.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	2	2	2	2	3	3	2.38
CO2	2	3	2	2	2	2	3	3	2.38
CO3	2	3	2	2	1	2	3	3	2.25
PO AVERAGE	2.00	3.00	2.00	2.00	1.67	2.00	3.00	3.00	
Conclusion and Resolution	Course has a moderately high resolution.								

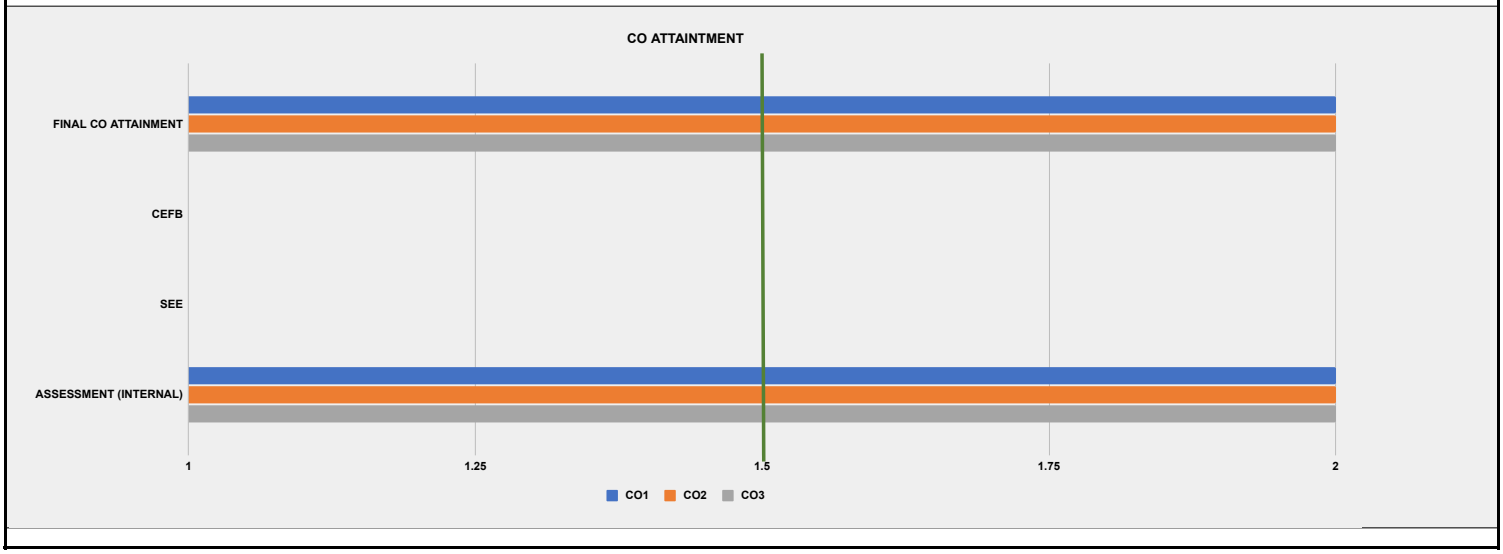
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	75

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.2	No	More working studio time would have helped
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.2	No	More time could have been spent on site mapping



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 3							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Theory 1							
COURSE CODE (AS PER MU)	BARC309							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	3	0	0	3	3	0
CO2	1	3	2	1	0	3	3	2
CO3	0	0	1	0	1	3	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the ideas and concepts that have shaped architectural thinking	2.00	
CO2	Analysing and taking a position with respect to acts of design	2.00	
CO3	Applying the learning from various references of literature, visual art or film, by placing the built object in conceptual, cultural and historical context	2.00	

Course-level PO Attainments

PO1 Attainment		2.00	PO5 Attainment		2.00
PO2 Attainment		2.00	PO6 Attainment		2.00
PO3 Attainment		2.00	PO7 Attainment		2.00
PO4 Attainment		2.00	PO8 Attainment		2.00

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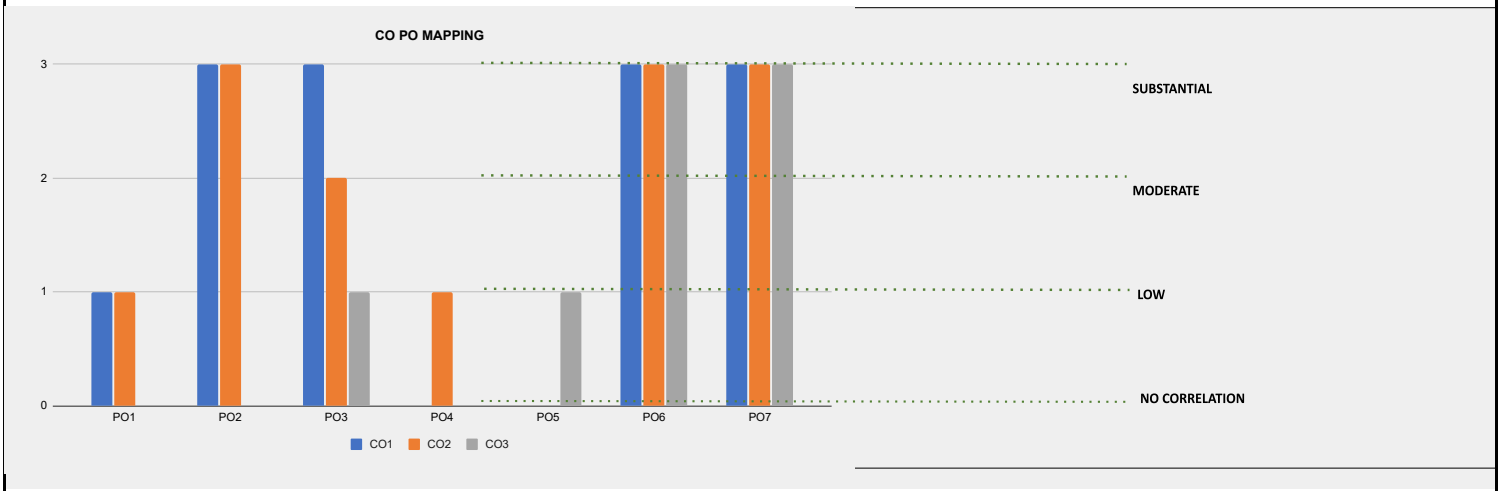
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 1
COURSE CODE (AS PER MU)	BARC309
FACULTY	Ginella George, Rohan Shivkumar
FACULTY INCHARGE	Rohan
TOTAL MARKS	50

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the ideas and concepts that have shaped architectural thinking	L2 - Understand (Explain ideas or concepts)
CO2	Analysing and taking a position with respect to acts of design	L4 - Analyse (Draw connections among ideas)
CO3	Applying the learning from various references of literature, visual art or film, by placing the built object in conceptual, cultural and historical context	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	3	0	0	3	3	0	2.60
CO2	1	3	2	1	0	3	3	2	2.14
CO3	0	0	1	0	1	3	3	0	2.00
PO AVERAGE	1.00	3.00	2.00	1.00	1.00	3.00	3.00	2.00	
Conclusion and Resolution	Course achieves moderate resolution								

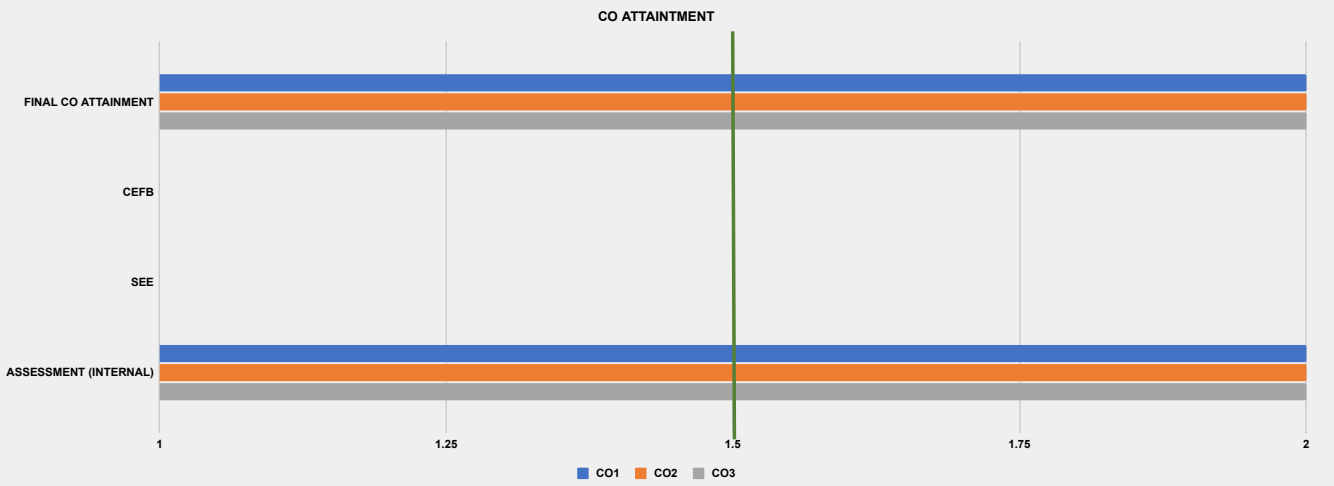
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	37

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	Can use more references for instruction
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2	Yes	



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PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 3
COURSE CODE (AS PER MU)	BARP320

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	3	2	2	3	3	3
CO2	1	2	0	1	0	3	3	1
CO3	0	2	0	0	0	1	1	0
CO4	3	3	3	1	0	3	3	2
CO5	3	3	3	2	1	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding architecture as an outcome of socio cultural processes	2.00	Can use more interactive tools for instruction
CO2	Analysing historical ideas and their implications on architectural form	2.00	Can use more references for instruction
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	2.00	
CO4	Understanding the making of an architectural object through details, material and structure	2.00	
CO5	Analysing the expression of an architectural object	2.00	

Course-level PO Attainments

PO1 Attainment	2.00	PO5 Attainment	2.00
PO2 Attainment	2.00	PO6 Attainment	2.00
PO3 Attainment	2.00	PO7 Attainment	2.00
PO4 Attainment	2.00	PO8 Attainment	2.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 3
COURSE CODE (AS PER MU)	BARP320
FACULTY	Jamshid Bhiwandiwalla, Manoj Parmar, Rutika Parulkar
FACULTY INCHARGE	Jamshid
TOTAL MARKS	100

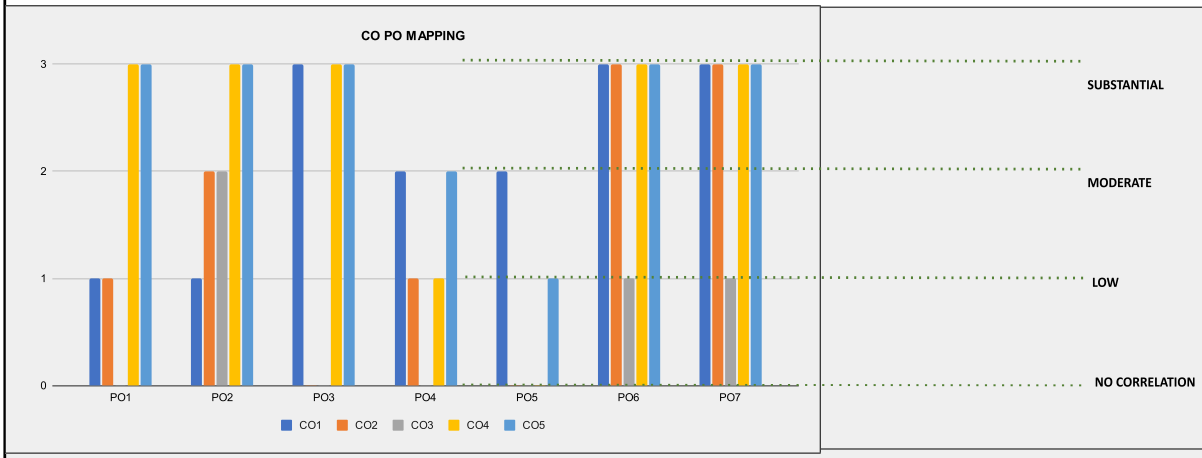
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding architecture as an outcome of socio cultural processes	L2 - Understand (Explain ideas or concepts)
CO2	Analysing historical ideas and their implications on architectural form	L2 - Understand (Explain ideas or concepts)
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	L4 - Analyse (Draw connections among ideas)
CO4	Understanding the making of an architectural object through details, material and structure	L1 - Remember (Recall facts and basic concepts)
CO5	Analysing the expression of an architectural object	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	1	3	2	2	3	3	3	2.25
CO2	1	2	0	1	0	3	3	1	1.83
CO3	0	2	0	0	0	1	1	0	1.33
CO4	3	3	3	1	0	3	3	2	2.57
CO5	3	3	3	2	1	3	3	3	2.63
PO AVERAGE	2.00	2.20	3.00	1.50	1.50	2.60	2.60	2.00	
Conclusion and Resolution	Course has a low to moderate resolution.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



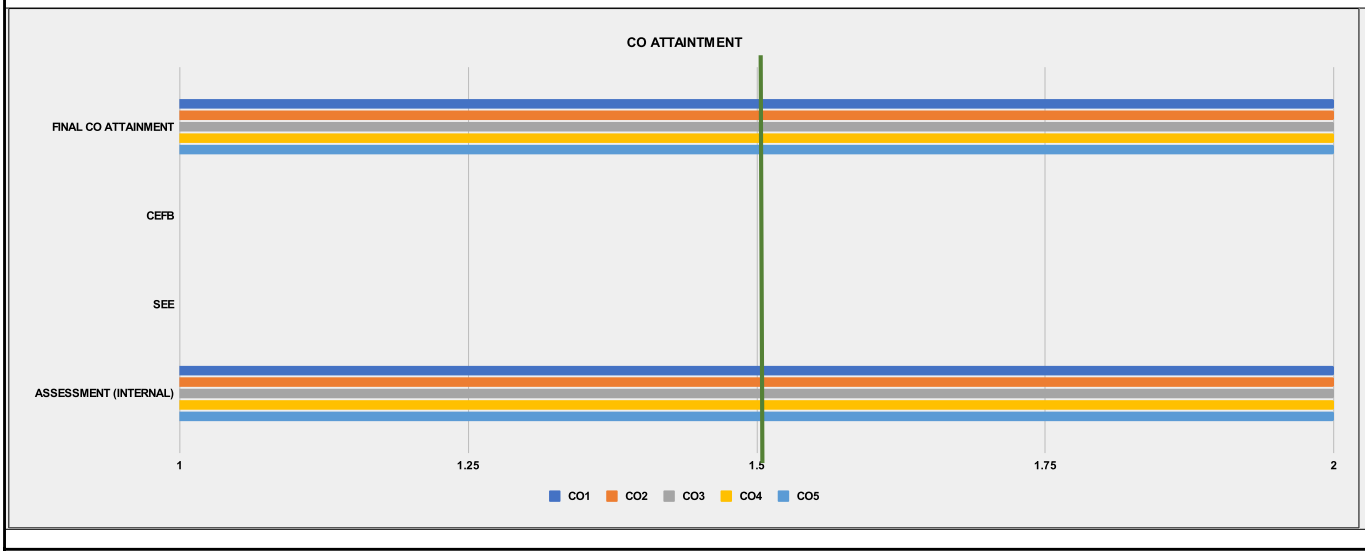
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	1.8	Yes	
CO3	2	-		2.00	1.5	Yes	
CO4	2	-		2.00	2.5	No	Can use more interactive tools for instruction
CO5	2	-		2.00	2.5	No	Can use more references for instruction



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Semester 4

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 4
COURSE CODE (AS PER MU)	BARC401

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	2	3	2	0
CO2	1	1	1	2	0	2	2	0
CO3	0	2	2	0	3	1	0	1
CO4	3	1	3	3	3	3	3	0
CO5	1	2	1	0	1	0	0	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To evaluate idea of region and context in relation with the idea of built and unbuilt through study trip and study drawings	2.45	
CO2	To Understand Landform and ecological conditions of different regions and its implications on design	2.60	
CO3	To create and map, different land conditions, draw and represent them	2.70	
CO4	To Analyze formal articulation and the meaning of language in architecture	2.30	
CO5	To apply different modes of representations by imagining spaces at various scales to help them in producing key components of representation like plan, sections and elevations	2.50	

Course-level PO Attainments

PO1 Attainment			**2.42**		**PO5 Attainment**			**2.49**
PO2 Attainment			**2.52**		**PO6 Attainment**			**2.46**
PO3 Attainment			**2.48**		**PO7 Attainment**			**2.43**
PO4 Attainment			**2.43**		**PO8 Attainment**			**2.60**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 4
COURSE CODE (AS PER MU)	BARC401
FACULTY	Nemish Shah, Rohan C, Rutika P ,
FACULTY INCHARGE	Nemish Shah
TOTAL MARKS	200

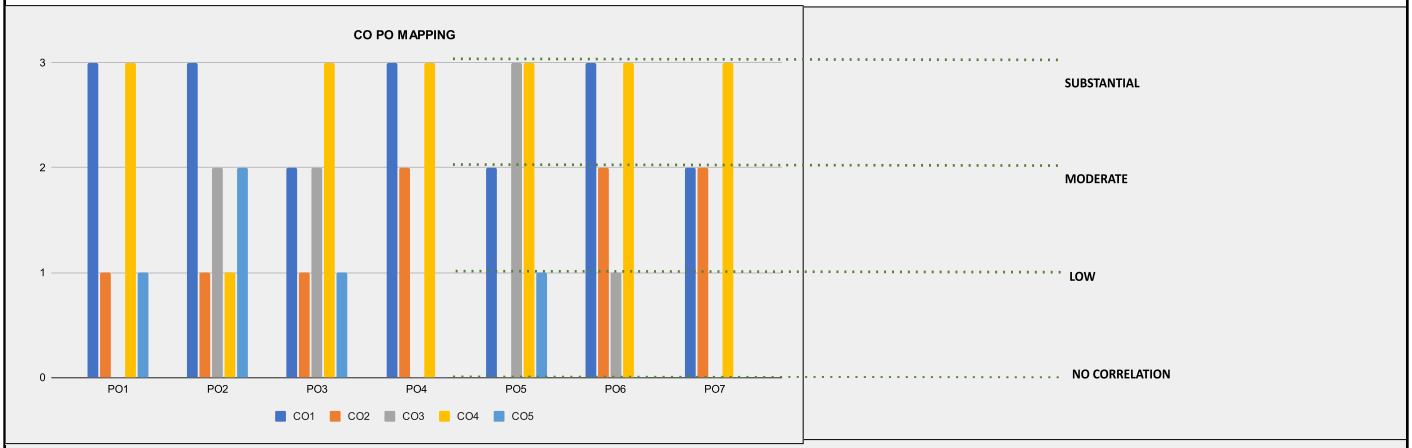
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To evaluate idea of region and context in relation with the idea of built and unbuilt through study trip and study drawings	L5 - Evaluate (Justify a stand or decision)
CO2	To Understand Landform and ecological conditions of different regions and its implications on design	L2 - Understand (Explain ideas or concepts)
CO3	To create and map, different land conditions, draw and represent them	L6 - Create (Produce new or original work)
CO4	To Analyze formal articulation and the meaning of language in architecture	L4 - Analyse (Draw connections among ideas)
CO5	To apply different modes of representations by imagining spaces at various scales to help them in producing key components of representation like plan, sections and elevations	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	2	3	2	3	2	0	2.57
CO2	1	1	1	2	0	2	2	0	1.50
CO3	0	2	2	0	3	1	0	1	1.80
CO4	3	1	3	3	3	3	3	0	2.71
CO5	1	2	1	0	1	0	0	1	1.20
PO AVERAGE	2.00	1.80	1.80	2.67	2.25	2.25	2.33	1.00	
Conclusion and Resolution	The students were able develop poetic understanding of atmospheres of regions through sensorial perceptions.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



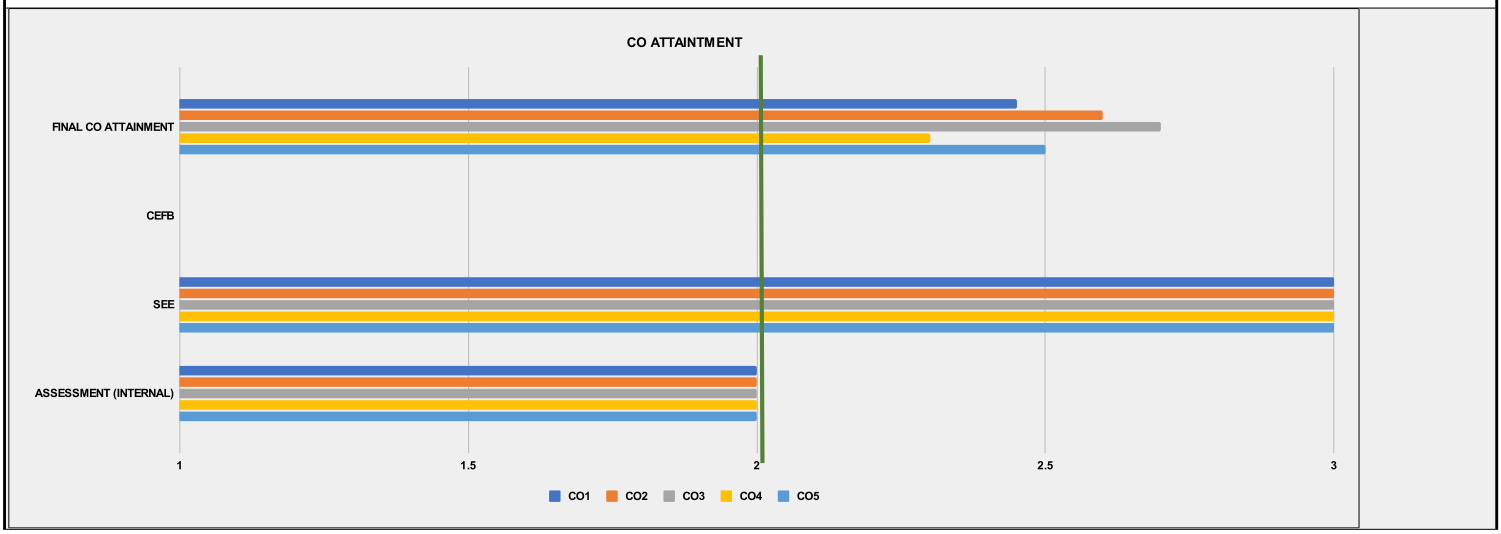
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	62
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	67

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2	Yes	
CO3	2	3	-	2.70	2	Yes	
CO4	2	3	-	2.30	2	Yes	
CO5	2	3	-	2.50	1.5	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 4
COURSE CODE (AS PER MU)	BARC402

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	2	3	0	0	1	0	0
CO2	0	3	3	0	1	1	1	1
CO3	0	3	3	2	1	2	2	2
CO4	0	1	3	2	0	0	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand the influence of material on form and performance.	2.00	
CO2	To apply the model making process to determine complex formal strategies.	2.00	
CO3	To evaluate the design for the desired function and precision.	2.00	
CO4	To create designs that utilize material properties and other constraints set in the studio.	2.00	

Course-level PO Attainments

PO1 Attainment		2.00		PO5 Attainment	2.00
PO2 Attainment		2.00		PO6 Attainment	2.00
PO3 Attainment		2.00		PO7 Attainment	2.00
PO4 Attainment		2.00		PO8 Attainment	2.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 4
COURSE CODE (AS PER MU)	BARC402
FACULTY	Ginella, Swati, George, Rutika, Hussain, Milan
FACULTY INCHARGE	George
TOTAL MARKS	100

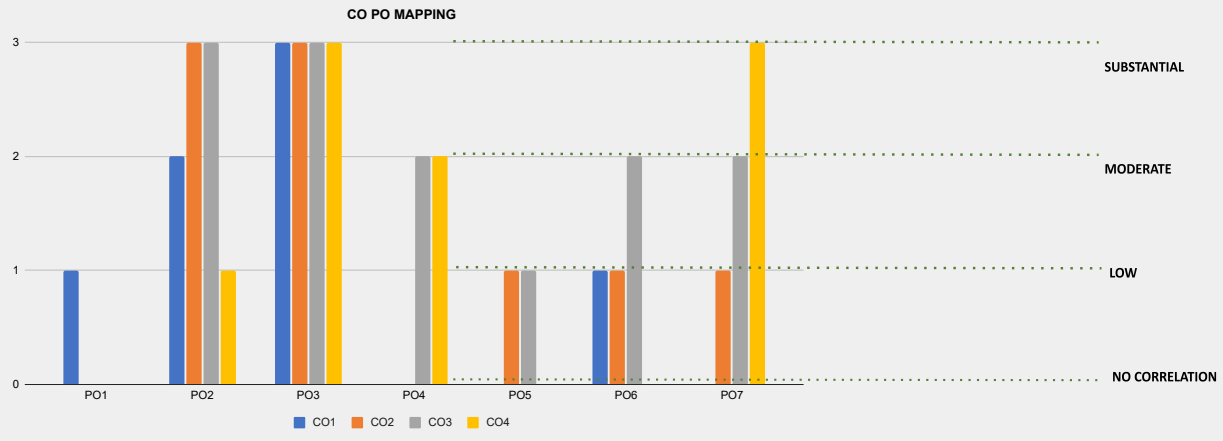
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the influence of material on form and performance.	L2 - Understand (Explain ideas or concepts)
CO2	To apply the model making process to determine complex formal strategies.	L3 - Apply (Use information in new situations)
CO3	To evaluate the design for the desired function and precision.	L5 - Evaluate (Justify a stand or decision)
CO4	To create designs that utilize material properties and other constraints set in the studio.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	2	3	0	0	1	0	0	1.75
CO2	0	3	3	0	1	1	1	1	1.67
CO3	0	3	3	2	1	2	2	2	2.14
CO4	0	1	3	2	0	0	3	3	2.40
PO AVERAGE	1.00	2.25	3.00	2.00	1.00	1.33	2.00	2.00	
Conclusion and Resolution	The course enables students to build confidence in design thinking through the medium of model-making.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



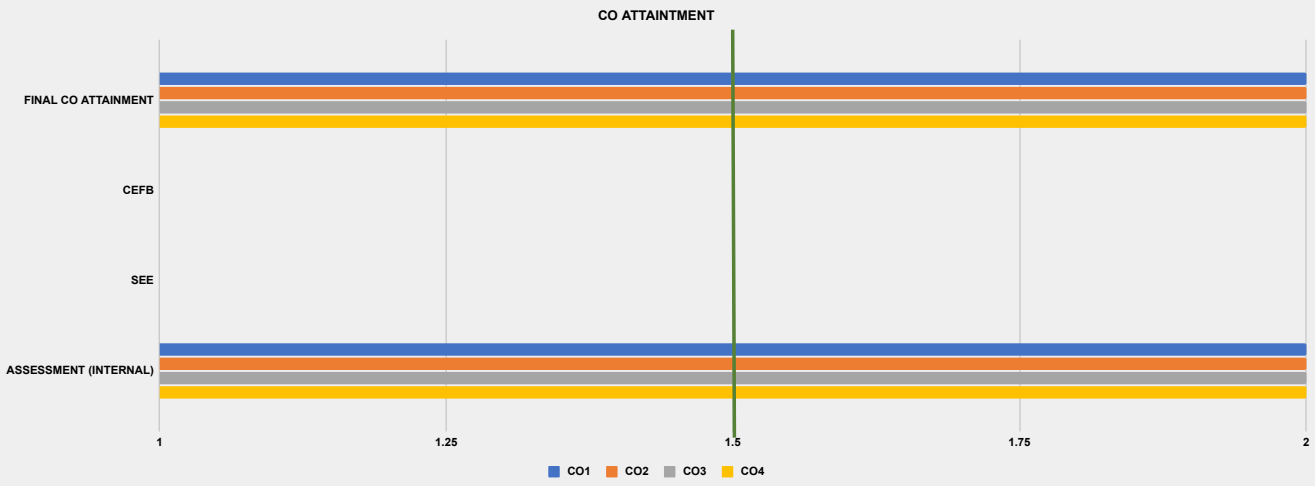
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.2	No	Object building can intensely focus on understanding the properties and characteristics of the material in space making process.
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 4							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Architectural Building Construction 4							
COURSE CODE (AS PER MU)	BARC403							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	0	0	3	2	3	2	1
CO2	1	1	1	2	0	3	2	2
CO3	3	2	3	3	3	2	3	2
CO4	2	3	3	2	1	1	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand, read and learn regional diversity and its correlation with construction systems and tectonics.	2.70	Achieved as planned
CO2	To develop analytical frameworks to inform design decisions with reference to material and choice of environmental systems	2.55	Achieved as planned
CO3	To be able to observe, read and document different influences based on socio cultural, functional, and geographical means of the region.	2.70	Achieved as planned
CO4	To develop the ability to create, represent, design drawings integral to material, environmental systems, and tectonics	2.60	Achieved as planned

Course-level PO Attainments

PO1 Attainment	2.66	PO5 Attainment	2.68
PO2 Attainment	2.63	PO6 Attainment	2.64
PO3 Attainment	2.64	PO7 Attainment	2.64
PO4 Attainment	2.65	PO8 Attainment	2.63

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 4
COURSE CODE (AS PER MU)	BARC403
FACULTY	Vikram, Mamta, Charvi, Dharmesh, Kimaya, Shuchi, Minal, Karan, Aishwarya
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

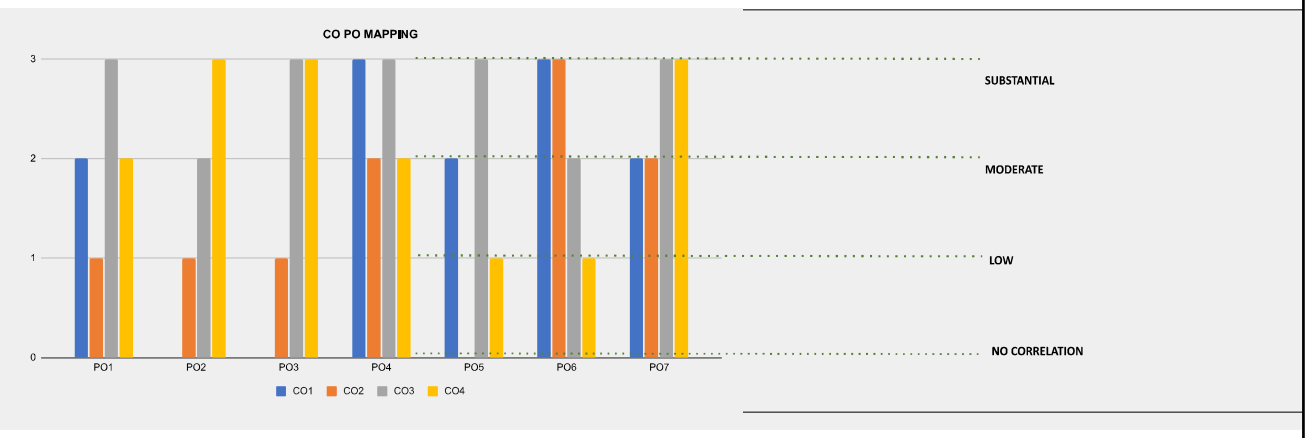
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand, read and learn regional diversity and its correlation with construction systems and tectonics.	L2 - Understand (Explain ideas or concepts)
CO2	To develop analytical frameworks to inform design decisions with reference to material and choice of environmental systems	L4 - Analyse (Draw connections among ideas)
CO3	To be able to observe, read and document different influences based on socio cultural, functional, and geographical means of the region.	L5 - Evaluate (Justify a stand or decision)
CO4	To develop the ability to create, represent, design drawings integral to material, environmental systems, and tectonics	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	0	0	3	2	3	2	1	2.17
CO2	1	1	1	2	0	3	2	2	1.71
CO3	3	2	3	3	3	2	3	2	2.63
CO4	2	3	3	2	1	1	3	3	2.25
PO AVERAGE	2.00	2.00	2.33	2.50	2.00	2.25	2.50	2.00	
Conclusion and Resolution	Learner needs to be encouraged to carry learnings into other subjects								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	22
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

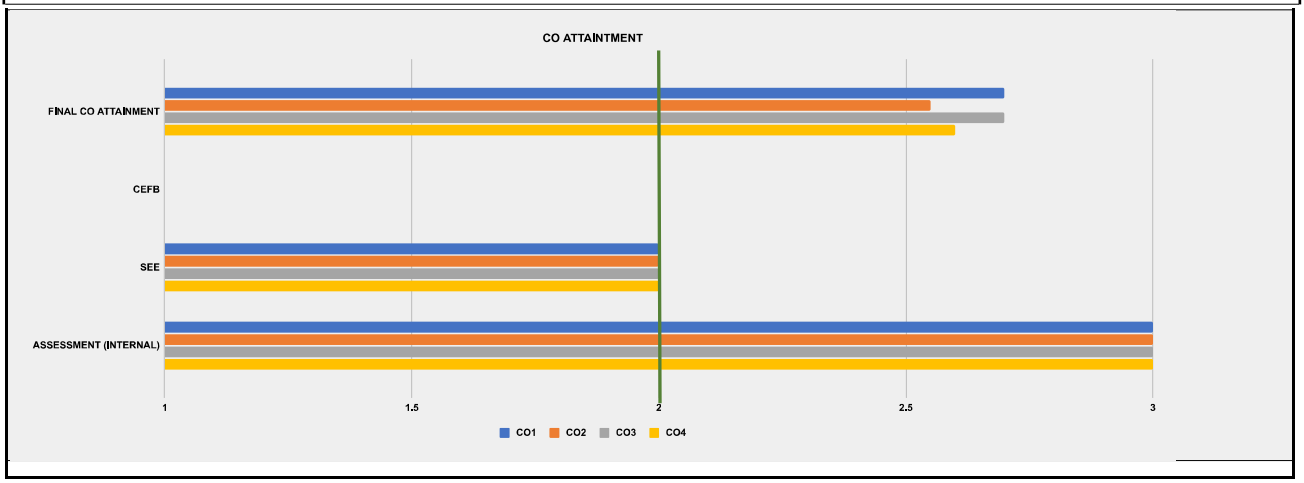
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	70	55	70	60	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	30	45	30	40	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.7	2.5	Yes	Achieved as planned
CO2	3	2	-	2.55	2.5	Yes	Achieved as planned
CO3	3	2	-	2.70	2.5	Yes	Achieved as planned
CO4	3	2	-	2.60	2.5	Yes	Achieved as planned

COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.7	2.5	Yes	Achieved as planned
CO2	3	2	-	2.55	2.5	Yes	Achieved as planned
CO3	3	2	-	2.70	2.5	Yes	Achieved as planned
CO4	3	2	-	2.60	2.5	Yes	Achieved as planned



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 4
COURSE CODE (AS PER MU)	BARC404

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	2	2	1	3	0	1
CO2	3	3	1	0	0	2	2	1
CO3	2	2	2	0	1	3	2	1
CO4	2	1	3	2	2	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Develop an understanding of Long column and short column through theories and methods and the way it is used in the structural systems	2.70	
CO2	Developing the skill to analyze structural members (fixed beams, columns etc.) through theories and calculations and various ways in which load gets transferred in the structural system	2.50	
CO3	In-depth understanding of soil properties and its mechanics and its impact on the structural design	2.50	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.70	

Course-level PO Attainments

PO1 Attainment		2.60		PO5 Attainment	2.65
PO2 Attainment		2.56		PO6 Attainment	2.60
PO3 Attainment		2.63		PO7 Attainment	2.57
PO4 Attainment		2.70		PO8 Attainment	2.62

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 4
COURSE CODE (AS PER MU)	BARC404
FACULTY	Rajitha, Neeraj
FACULTY INCHARGE	Neeraj
TOTAL MARKS	100

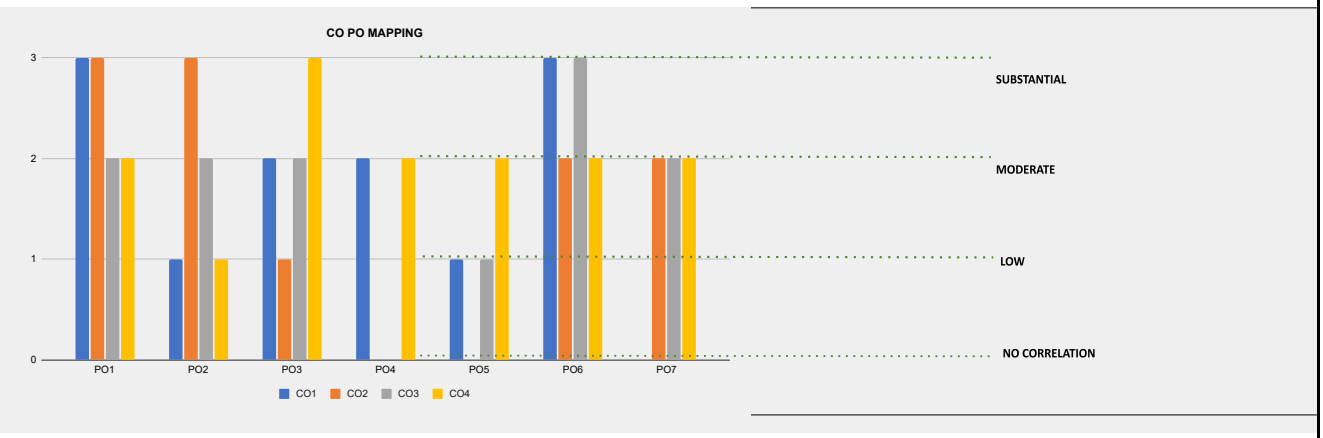
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Develop an understanding of Long column and short column through theories and methods and the way it is used in the structural systems	L2 - Understand (Explain ideas or concepts)
CO2	Developing the skill to analyze structural members (fixed beams, columns etc.) through theories and calculations and various ways in which load gets transferred in the structural system	L4 - Analyse (Draw connections among ideas)
CO3	In-depth understanding of soil properties and its mechanics and its impact on the structural design	L4 - Analyse (Draw connections among ideas)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	2	2	1	3	0	1	1.86
CO2	3	3	1	0	0	2	2	1	2.00
CO3	2	2	2	0	1	3	2	1	1.86
CO4	2	1	3	2	2	2	2	2	2.00
PO AVERAGE	2.50	1.75	2.00	2.00	1.33	2.50	2.00	1.25	
Conclusion and Resolution	An intuitive understanding of structural members and their load transfers through theories and calculations and its application in profession								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

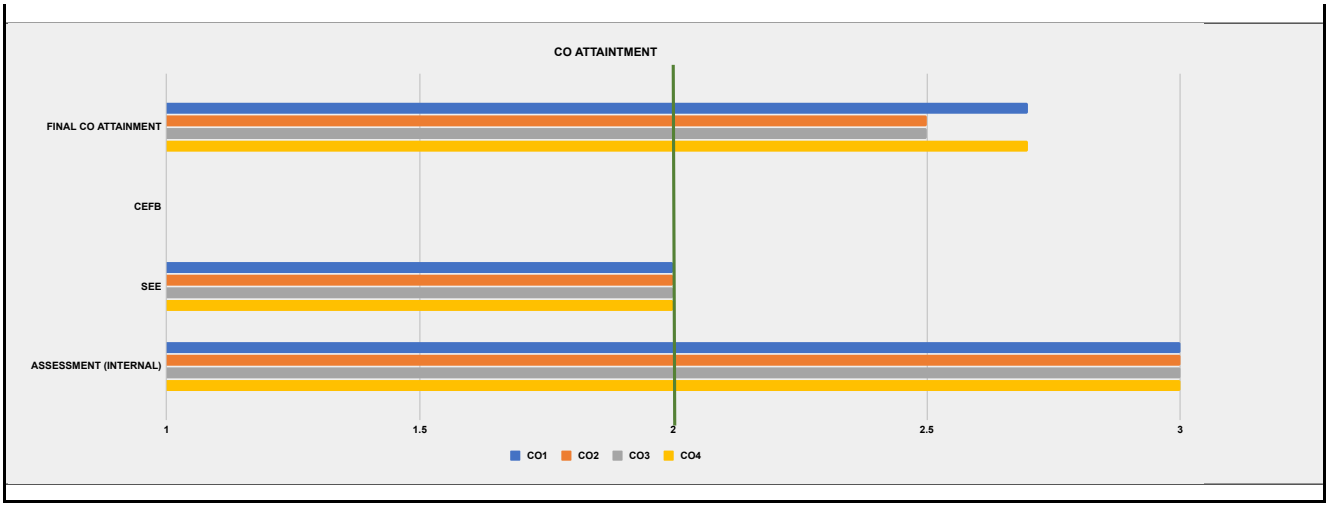
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	50	50	70		ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	50	50	30		
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.7	2.5	Yes	
CO2	3	2	-	2.50	2.5	Yes	
CO3	3	2	-	2.50	2.5	Yes	
CO4	3	2	-	2.70	2.5	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.7	2.5	Yes	
CO2	3	2	-	2.50	2.5	Yes	
CO3	3	2	-	2.50	2.5	Yes	
CO4	3	2	-	2.70	2.5	Yes	



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 4							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Architectural Building Services 2							
COURSE CODE (AS PER MU)	BARC408							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	0	2	2	2	3	2
CO2	2	0	2	0	1	2	3	2
CO3	0	0	0	0	1	2	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To identify, assess, need, safeguard, restore and promote sustainable use of global ecosystems through traditional and contemporary approaches of rainwater harvesting systems.	2.55	Achieved as planned
CO2	To understand the framework and modality of stormwater management systems in and around a building, using case study-based approaches.	2.40	Achieved as planned
CO3	To explore and realize the micro and macro level sustainable effluent management systems and further incorporate the relevant strategies in their architectural design projects.	2.30	More case studies to be explored in depth

Course-level PO Attainments

PO1 Attainment	2.48	**PO5 Attainment**		2.45
PO2 Attainment	2.55	**PO6 Attainment**		2.42
PO3 Attainment	2.40	**PO7 Attainment**		2.42
PO4 Attainment	2.55	**PO8 Attainment**		2.42

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 2
COURSE CODE (AS PER MU)	BARC408
FACULTY	Minal, Sanaeya
FACULTY INCHARGE	Minal
TOTAL MARKS	100

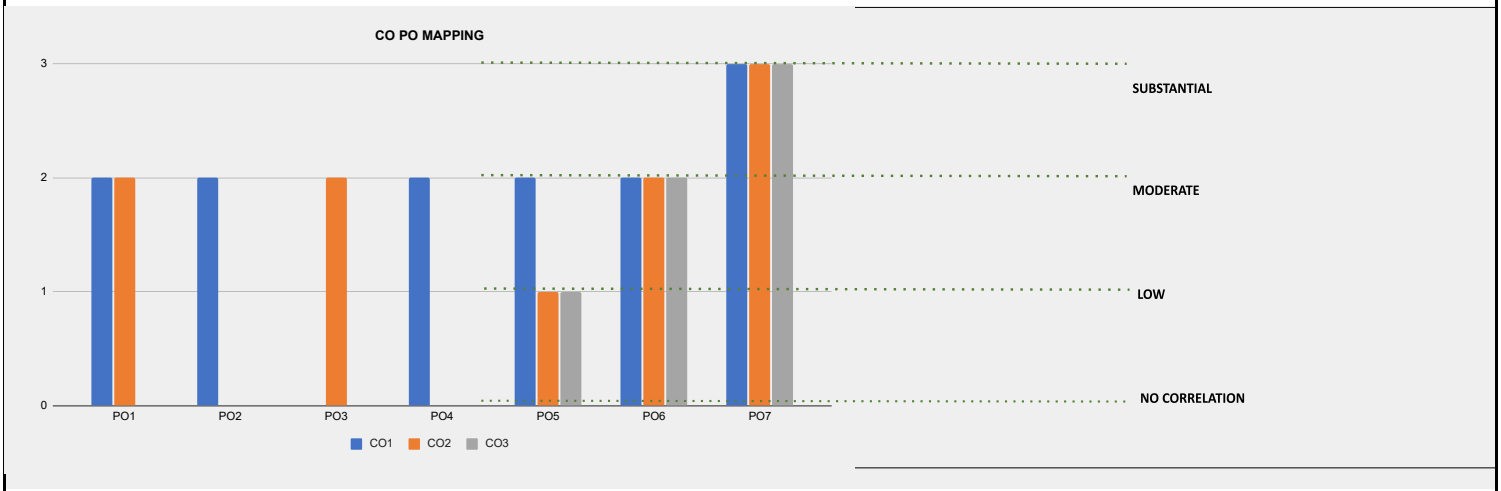
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To identify, assess, need, safeguard, restore and promote sustainable use of global ecosystems through traditional and contemporary approaches of rainwater harvesting systems.	L1 - Remember (Recall facts and basic concepts)
CO2	To understand the framework and modality of stormwater management systems in and around a building, using case study-based approaches.	L2 - Understand (Explain ideas or concepts)
CO3	To explore and realize the micro and macro level sustainable effluent management systems and further incorporate the relevant strategies in their architectural design projects.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	0	2	2	2	3	2	2.14
CO2	2	0	2	0	1	2	3	2	2.00
CO3	0	0	0	0	1	2	3	2	2.00
PO AVERAGE	2.00	2.00	2.00	2.00	1.33	2.00	3.00	2.00	
Conclusion and Resolution	The course outcomes are moderately aligned with program outcomes.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



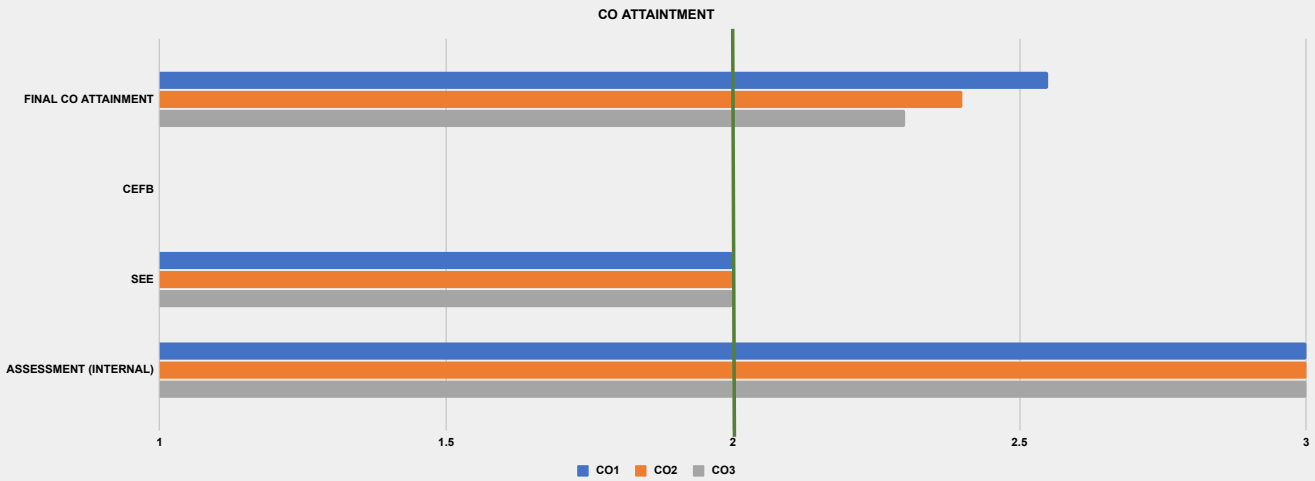
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30			ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70			
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	Achieved as planned
CO2	3	2	-	2.40	2	Yes	Achieved as planned
CO3	3	2	-	2.30	2.5	No	More case studies to be explored in depth



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 4
COURSE CODE (AS PER MU)	BARC405

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	1	2	2	3	3	2
CO2	3	1	1	3	2	3	2	2
CO3	2	0	0	2	2	3	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Students will acquire a conceptual vocabulary of cultural urbanism	2.45	The difficulty level of readings needs to be reduced
CO2	Students will learn to examine contemporary urban processes and debates through a cultural theory framework.	2.50	
CO3	Students will be encouraged to read their own city from the themes introduced in the course	2.50	

Course-level PO Attainments

PO1 Attainment			2.49		PO5 Attainment		2.48
PO2 Attainment			2.47		PO6 Attainment		2.48
PO3 Attainment			2.48		PO7 Attainment		2.48
PO4 Attainment			2.49		PO8 Attainment		2.48

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 4
COURSE CODE (AS PER MU)	BARC405
FACULTY	Hussain Indorewala, Shweta Wagh
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

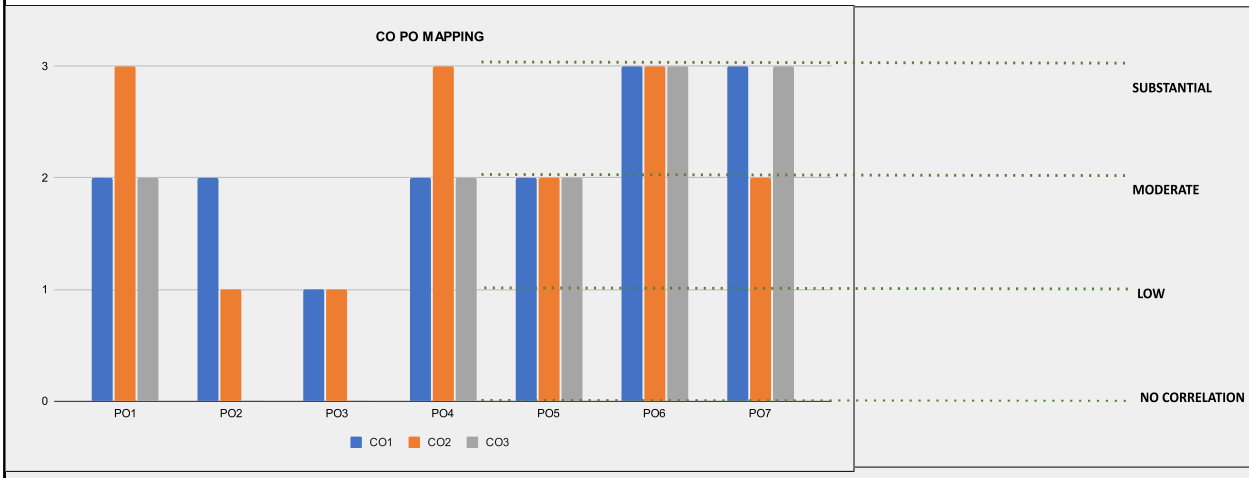
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will acquire a conceptual vocabulary of cultural urbanism	L4 - Analyse (Draw connections among ideas)
CO2	Students will learn to examine contemporary urban processes and debates through a cultural theory frame	L2 - Understand (Explain ideas or concepts)
CO3	Students will be encouraged to read their own city from the themes introduced in the course	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	1	2	2	3	3	2	2.13
CO2	3	1	1	3	2	3	2	2	2.13
CO3	2	0	0	2	2	3	3	2	2.33
PO AVERAGE	2.33	1.50	1.00	2.33	2.00	3.00	2.67	2.00	
Conclusion and Resolution	Emphasis on application-based readings can fill the gap between COs and POs.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



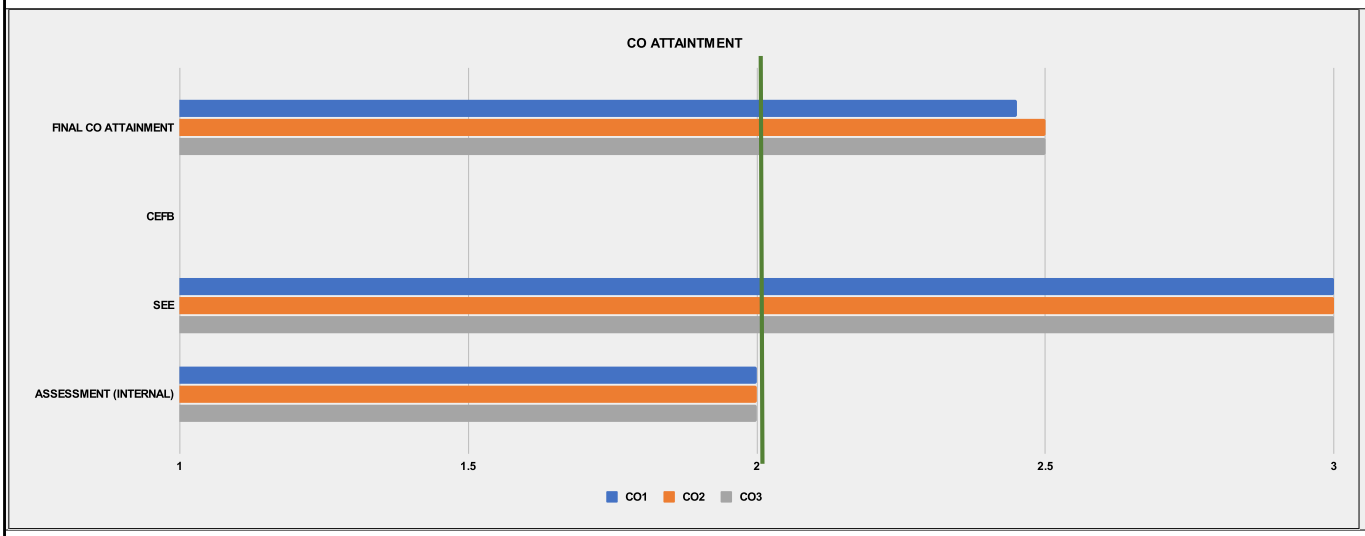
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	25
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	50	50	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	50	50	0	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2.5	No	The difficulty level of readings needs to be reduced
CO2	2	3	-	2.50	2.5	Yes	
CO3	2	3	-	2.50	2.5	Yes	



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 4							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 4							
COURSE CODE (AS PER MU)	BARC407							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	3	3	3	3
CO2	3	2	2	3	3	3	3	3
CO3	3	3	2	3	3	3	3	3
CO4	2	3	2	3	3	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Ability to observe, comprehend the tectonic forms within the environmental and cultural context; learning to collaborate as working groups.	2.00	
CO2	Creating a collective exhibit (online), representing learnings of observed	2.00	
CO3	Intuitive understanding of structures through physical	2.00	
CO4	Comprehension that architectural design is a continuous process and includes its resolved workable solutions.	2.00	
CO5		2.00	

Course-level PO Attainments

PO1 Attainment		2.00	PO5 Attainment		2.00
PO2 Attainment		2.00	PO6 Attainment		2.00
PO3 Attainment		2.00	PO7 Attainment		2.00
PO4 Attainment		2.00	PO8 Attainment		2.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 4
COURSE CODE (AS PER MU)	BARC407
FACULTY	Chaarvi Mathur, Dharmesh Mewada, Kimaya Keluskar, Mamta Patwardhan, Shuchi Joshi, Minal Yerramshetty, Vikram Pawar, Karan, Aishwarya
FACULTY INCHARGE	Vikram Pawar
TOTAL MARKS	100

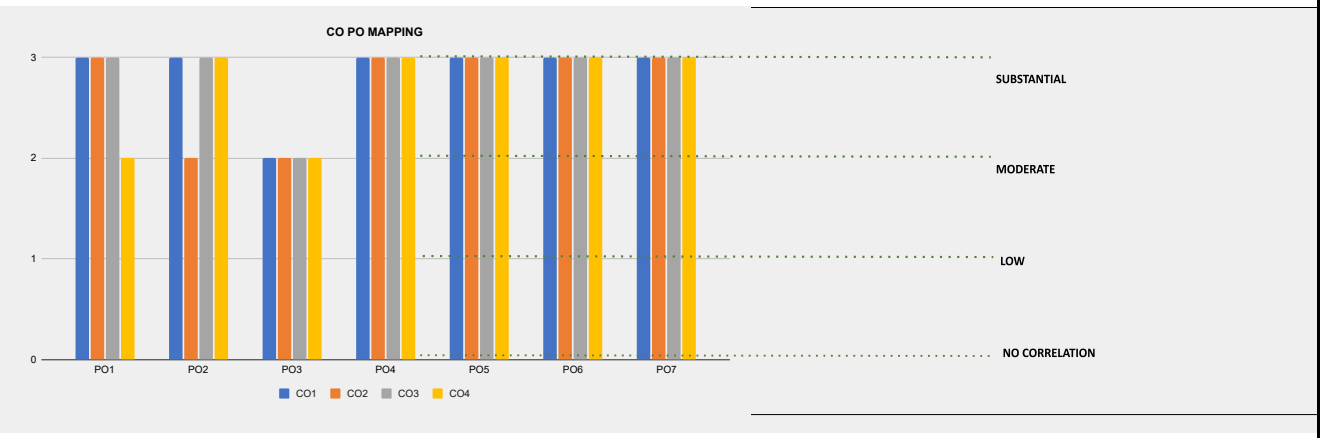
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Ability to observe, comprehend the tectonic forms within the environmental and cultural context; learning to collaborate as working groups.	L2 - Understand (Explain ideas or concepts)
CO2	Creating a collective exhibit (online), representing learnings of observed	L6 - Create (Produce new or original work)
CO3	Intuitive understanding of structures through physical	L2 - Understand (Explain ideas or concepts)
CO4	Comprehension that architectural design is a continuous process and includes its resolved workable solutions.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	2	3	3	3	3	3	2.88
CO2	3	2	2	3	3	3	3	3	2.75
CO3	3	3	2	3	3	3	3	3	2.88
CO4	2	3	2	3	3	3	3	3	2.75
PO AVERAGE	2.75	2.75	2.00	3.00	3.00	3.00	3.00	3.00	
Conclusion and Resolution	Course has a moderately high resolution.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	75

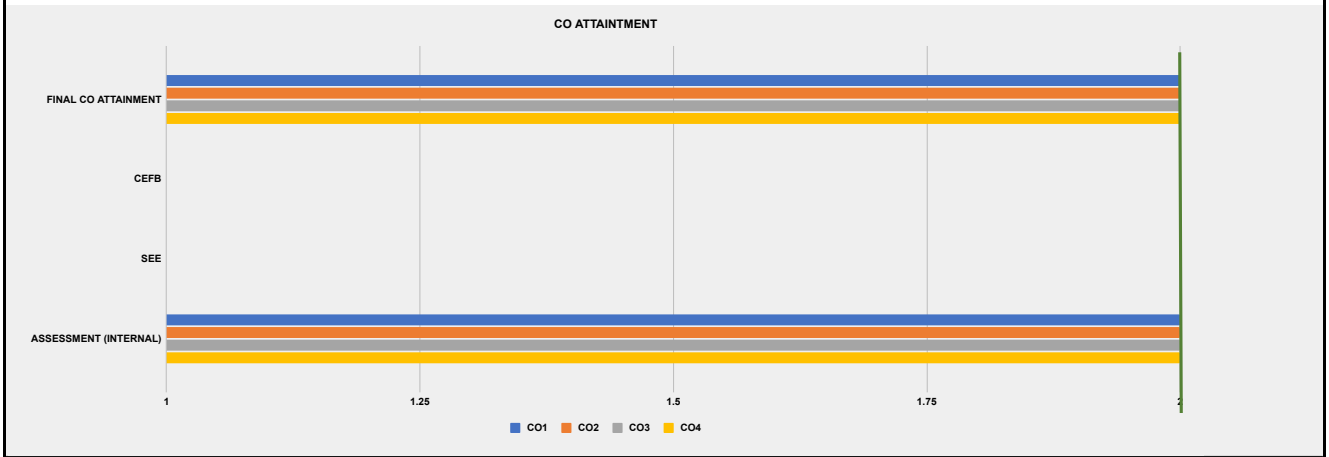
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	Outdoor exercises required
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.2	No	
CO4	2	-		2.00	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2	Yes	Outdoor exercises required
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.2	No	
CO4	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 4							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Theory 2							
COURSE CODE (AS PER MU)	BARC409							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**1**	**3**	**3**	**0**	**0**	**3**	**3**	**0**
CO2	**1**	**3**	**2**	**1**	**0**	**3**	**3**	**2**
CO3	**0**	**0**	**1**	**0**	**1**	**3**	**3**	**0**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	Understanding the ideas and concepts that have shaped architectural thinking			**3.00**				
CO2	Analysing and taking a position with respect to acts of design			**3.00**				
CO3	Applying the learning by placing the built object in conceptual, cultural and historical context			**3.00**				
Course-level PO Attainments								
PO1 Attainment			**3.00**		**PO5 Attainment**			**3.00**
PO2 Attainment			**3.00**		**PO6 Attainment**			**3.00**
PO3 Attainment			**3.00**		**PO7 Attainment**			**3.00**
PO4 Attainment			**3.00**		**PO8 Attainment**			**3.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 2
COURSE CODE (AS PER MU)	BARC409
FACULTY	Ginella George, Rohan Shivkumar
FACULTY INCHARGE	Ginella
TOTAL MARKS	50

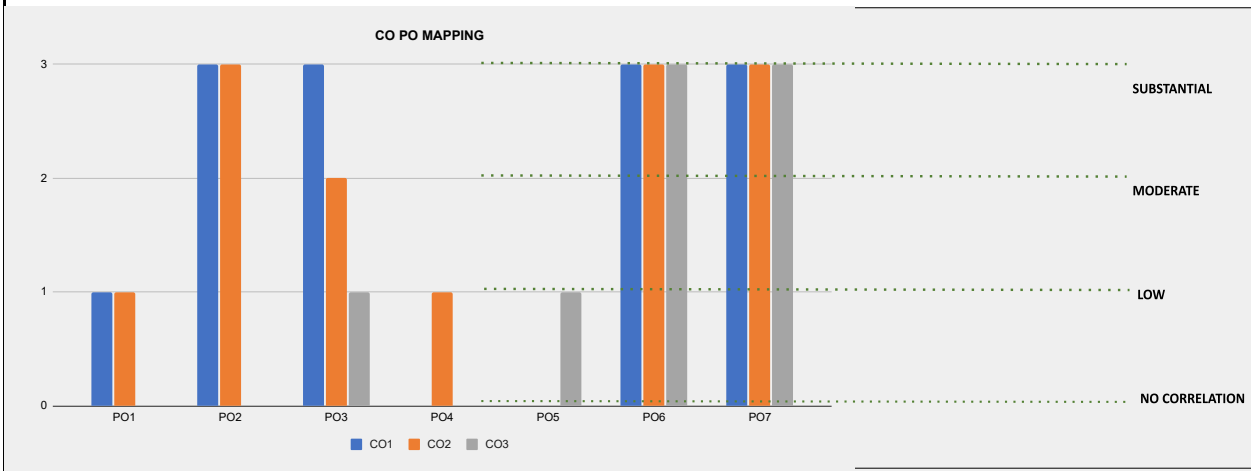
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the ideas and concepts that have shaped architectural thinking	L2 - Understand (Explain ideas or concepts)
CO2	Analysing and taking a position with respect to acts of design	L4 - Analyse (Draw connections among ideas)
CO3	Applying the learning by placing the built object in conceptual, cultural and historical context	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	3	3	0	0	3	3	0	2.60
CO2	1	3	2	1	0	3	3	2	2.14
CO3	0	0	1	0	1	3	3	0	2.00
PO AVERAGE	1.00	3.00	2.00	1.00	1.00	3.00	3.00	2.00	
Conclusion and Resolution	Course achieves moderate resolution.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



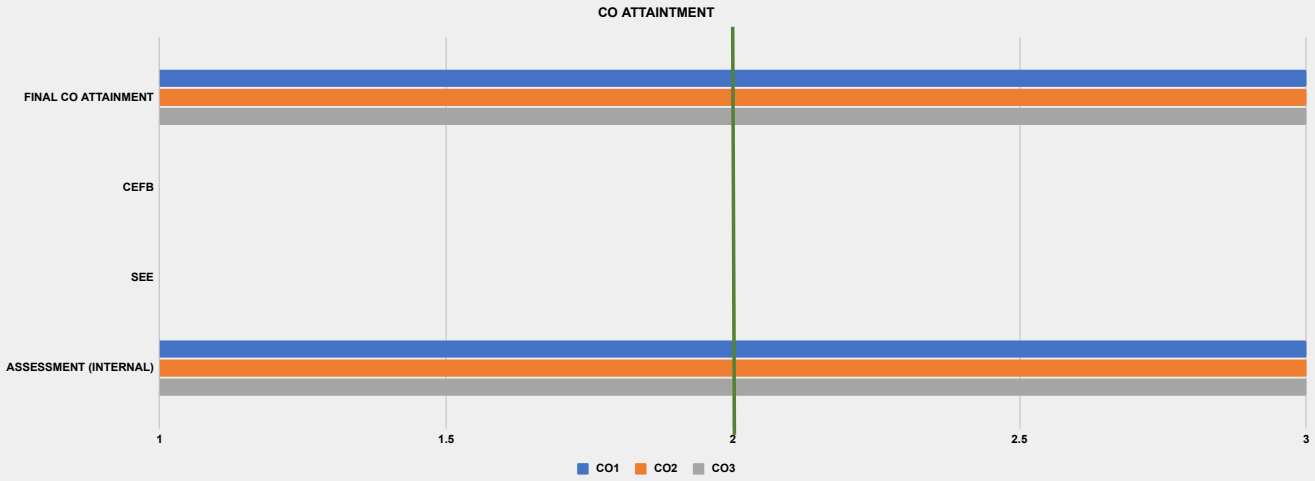
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	2	Yes	
CO3	3	-		3.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 4
COURSE CODE (AS PER MU)	BARP420

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	3	2	2	3	3	3
CO2	1	2	0	1	0	3	3	1
CO3	0	2	0	0	0	1	1	0
CO4	3	3	3	1	0	3	3	2
CO5	3	3	3	2	1	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding architecture as an outcome of socio cultural processes	2.00	Create smaller exercises for the duration of the course
CO2	Analysing historical ideas and their implications on architectural form	2.00	In class workshop for analysis for peer learning
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	2.00	
CO4	Understanding the making of an architectural object through details, material and structure	2.00	
CO5	Analysing the expression of an architectural object	2.00	

Course-level PO Attainments

PO1 Attainment	2.00		PO5 Attainment		2.00
PO2 Attainment	2.00		PO6 Attainment		2.00
PO3 Attainment	2.00		PO7 Attainment		2.00
PO4 Attainment	2.00		PO8 Attainment		2.00

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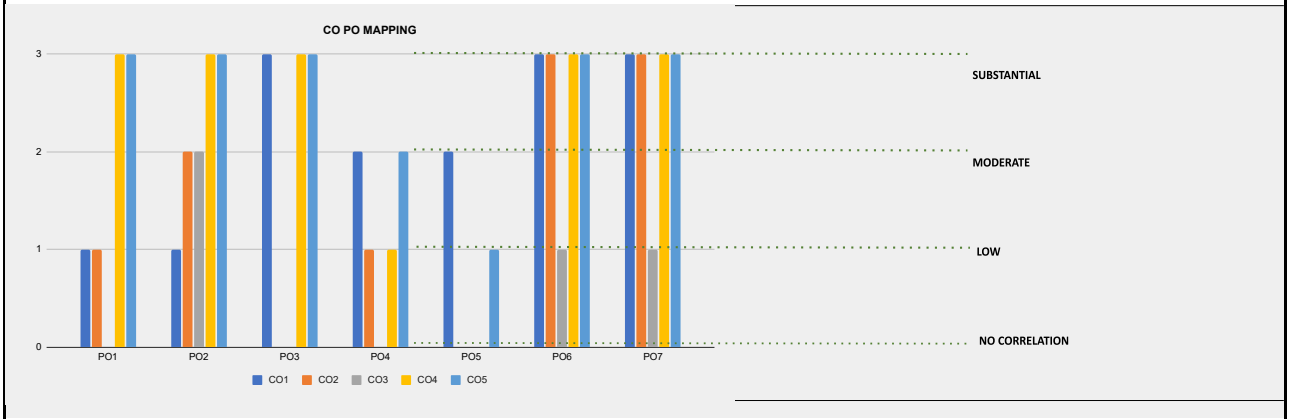
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 4
COURSE CODE (AS PER MU)	BARP420
FACULTY	Rutika Parulkar , Sanaeya Vandrewala , Sarah George, Ginella George
FACULTY INCHARGE	Rutika
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding architecture as an outcome of socio cultural processes	L2 - Understand (Explain ideas or concepts)
CO2	Analysing historical ideas and their implications on architectural form	L4 - Analyse (Draw connections among ideas)
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	L6 - Create (Produce new or original work)
CO4	Understanding the making of an architectural object through details, material and structure	L2 - Understand (Explain ideas or concepts)
CO5	Analysing the expression of an architectural object	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	1	3	2	2	3	3	3	2.25
CO2	1	2	0	1	0	3	3	1	1.83
CO3	0	2	0	0	0	1	1	0	1.33
CO4	3	3	3	1	0	3	3	2	2.57
CO5	3	3	3	2	1	3	3	3	2.63
PO AVERAGE	2.00	2.20	3.00	1.50	1.50	2.60	2.60	2.00	
Conclusion and Resolution	The course achieves a moderate resolution								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

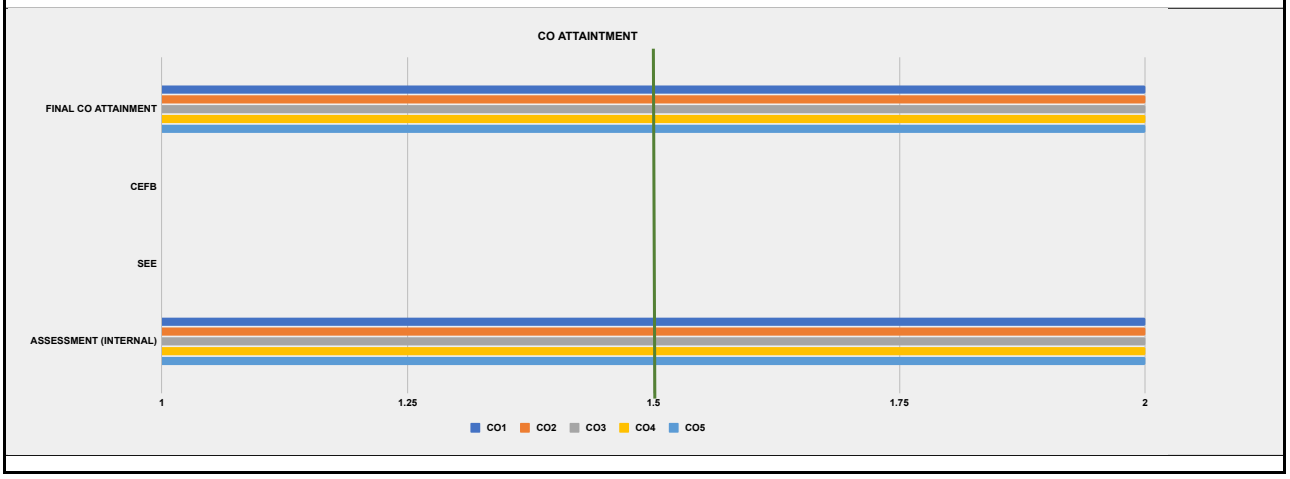


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	1.8	Yes	
CO3	2	-		2.00	1	Yes	
CO4	2	-		2.00	2.5	No	Create smaller exercises for the duration of the course
CO5	2	-		2.00	2.5	No	In class workshop for analysis for peer learning

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	1.8	Yes	
CO3	2	-		2.00	1	Yes	
CO4	2	-		2.00	2.5	No	Create smaller exercises for the duration of the course
CO5	2	-		2.00	2.5	No	In class workshop for analysis for peer learning



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Third Year

Third Year Report

2021-22. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.58**	The course continues to explore and question the existing institutional spaces in the city through various lens of socio-economic-cultural, aspects at site and neighbourhood level.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.57**	Exercises allows individuals to leverage their intuitive and analytical skills simultaneously to overcome challenges effectively.
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.58**	Continuing exercises such as brainstorming, ideation, help transform abstract ideas into concrete, actionable concepts.
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.58**	Exercises, study trips will continue to diverse places and cultures to foster mutual understanding and appreciation for different cultural perspectives.
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.58**	Study trips and studio exercises continue to provide opportunities for students to engage in collaborative work, fostering teamwork skills and enhancing their overall learning experience.
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.59**	Exercises facilitates to uncover intricate connections and dynamics that shape both the technical and social aspects of societies.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.58**	Enquiry into architectural form finding methods to be continued to understand the intricate interplay between the form and the system (social, cultural, material) it is embedded in.
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.59**	Studios/Theory lecture continue to enhance/question, the practical aspect of profession and the role an architec play in spatial production.

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Semester 5

PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)							
COURSE NAME (AS PER MU)	Architectural Design Studio 5							
COURSE CODE (AS PER MU)	BARC501							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	0	0	2	3	0	3	0
CO2	2	2	2	2	0	1	3	0
CO3	0	3	3	0	0	2	1	0
CO4	0	3	3	0	0	1	2	0
CO5	0	2	1	0	2	0	0	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to understand programme evolution and institutional structures	2.55	
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	2.60	The Project was designed with COVID in mind. The expectations were designed accordingly.
CO3	To enable students to evolve their own positions and processes towards the design of a building.	2.70	
CO4	To enable students to resolve architectural ideas with technical resolution and details.	2.50	
CO5	To be able to present and communicate their projects successfully.	2.50	

Course-level PO Attainments

PO1 Attainment			2.57		**PO5 Attainment**			2.53
PO2 Attainment			2.58		**PO6 Attainment**			2.63
PO3 Attainment			2.59		**PO7 Attainment**			2.57
PO4 Attainment			2.58		**PO8 Attainment**			2.50

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 5
COURSE CODE (AS PER MU)	BARC501
FACULTY	Rohan Shivkumar, Jude D'Souza, George Jacob, Apurva Parikh, Shilpa Gore Shah, Vishal Jayan, Gaurav Roy Choudhary
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	200

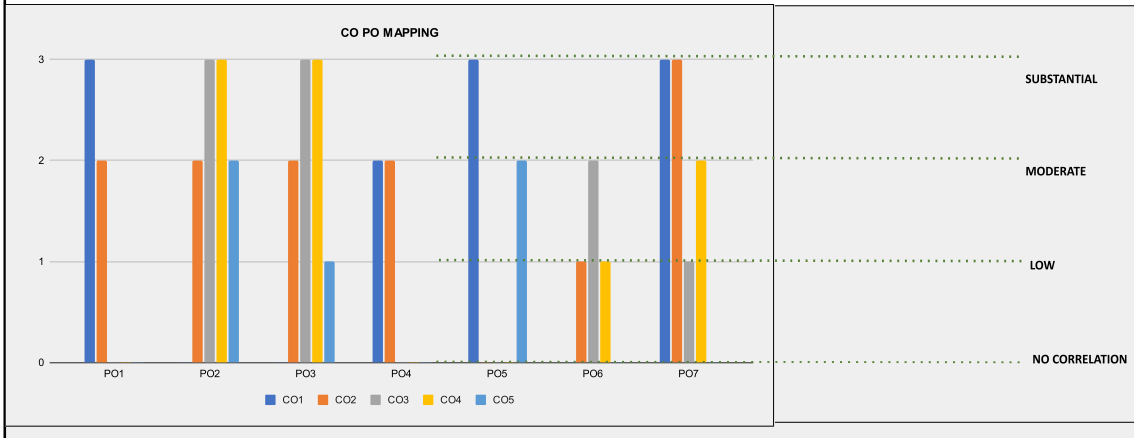
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand programme evolution and institutional structures	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	L4 - Analyse (Draw connections among ideas)
CO3	To enable students to evolve their own positions and processes towards the design of a building.	L3 - Apply (Use information in new situations)
CO4	To enable students to resolve architectural ideas with technical resolution and details.	L6 - Create (Produce new or original work)
CO5	To be able to present and communicate their projects successfully.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	0	0	2	3	0	3	0	2.75
CO2	2	2	2	2	0	1	3	0	2.00
CO3	0	3	3	0	0	2	1	0	2.25
CO4	0	3	3	0	0	1	2	0	2.25
CO5	0	2	1	0	2	0	0	1	1.50
PO AVERAGE	2.50	2.50	2.25	2.00	2.50	1.33	2.25	0.00	
Conclusion and Resolution									

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



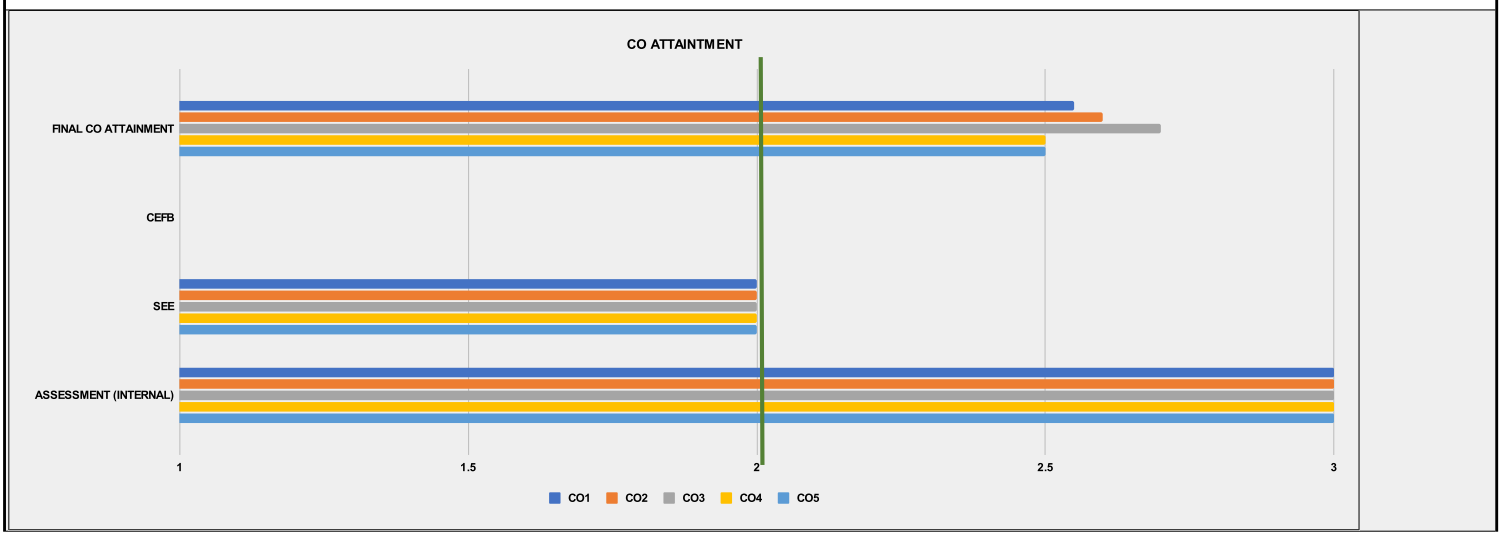
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	60	70	50	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	40	30	50	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	The Project was designed with COVID in mind. The expectations were designed accordingly.
CO2	3	2	-	2.60	2.5	Yes	
CO3	3	2	-	2.70	2.5	Yes	
CO4	3	2	-	2.50	2.5	Yes	
CO5	3	2	-	2.50	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Allied Design Studio 5							
COURSE CODE (AS PER MU)	BARC502							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	2	2	1	2	3	3
CO2	1	2	1	1	2	2	3	2
CO3	2	3	1	1	0	2	0	0
CO4	2	1	1	1	2	3	2	3
CO5	2	3	3	2	1	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To apply ways of seeing and representing un-built entities (both anthropogenic and natural) and it's experiential qualities.	3.00	
CO2	To understand the broader sense of the relationship between the built environment and the larger ecological region.	3.00	
CO3	To explore 'Landscape Projects + Practices' as part of a series of student's presentations and discussion in order to expose them to various possibilities in the purview of landscape architecture	3.00	
CO4	To analyze and integrate the observations from the contexts into their design programmes	3.00	
CO5	To develop the ability to conceive and demonstrate landscape interventions that respond to the site and architectural contexts.	3.00	

Course-level PO Attainments

PO1 Attainment		3.00		**PO5 Attainment**	3.00
PO2 Attainment		3.00		**PO6 Attainment**	3.00
PO3 Attainment		3.00		**PO7 Attainment**	3.00
PO4 Attainment		3.00		**PO8 Attainment**	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 5
COURSE CODE (AS PER MU)	BARC502
FACULTY	SANDEEP M, JUDE, RUTIKA P, SWATI S, SANJUNKTA J, SHRUTI
FACULTY INCHARGE	SANDEEP M.
TOTAL MARKS	100

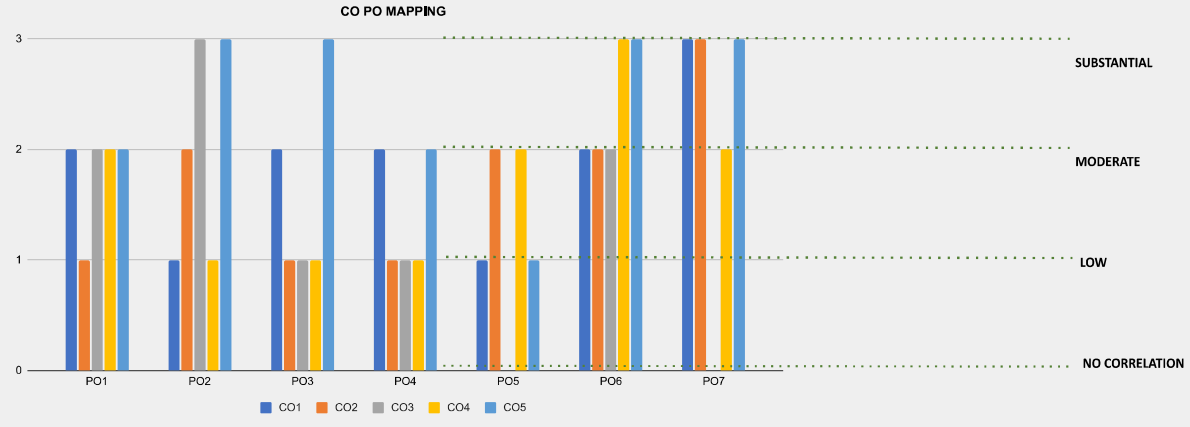
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To apply ways of seeing and representing un-built entities (both anthropogenic and natural) and it's experiential qualities.	L3 - Apply (Use information in new situations)
CO2	To understand the broader sense of the relationship between the built environment and the larger ecological region.	L2 - Understand (Explain ideas or concepts)
CO3	To explore 'Landscape Projects + Practices' as part of a series of student's presentations and discussion in order to expose them to various possibilities in the purview of landscape architecture	L3 - Apply (Use information in new situations)
CO4	To analyze and integrate the observations from the contexts into their design programmes	L4 - Analyse (Draw connections among ideas)
CO5	To develop the ability to conceive and demonstrate landscape interventions that respond to the site and architectural contexts.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	2	2	1	2	3	3	2.00
CO2	1	2	1	1	2	2	3	2	1.75
CO3	2	3	1	1	0	2	0	0	1.80
CO4	2	1	1	1	2	3	2	3	1.88
CO5	2	3	3	2	1	3	3	3	2.50
PO AVERAGE	1.80	2.00	1.60	1.40	1.50	2.40	2.75	2.67	
Conclusion and Resolution	The course was able to introduced the students to the dual aspects of landscape architecture- sensitivity to discern interconnected ecological systems and the various landscape entities (both biotic and abiotic), their interrelationships and influences in shaping the place and understanding the experiential and spatial quality of landscape spaces (independently and in conjunction with architecture). We could work further on intoducing different analytical and representational methods.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



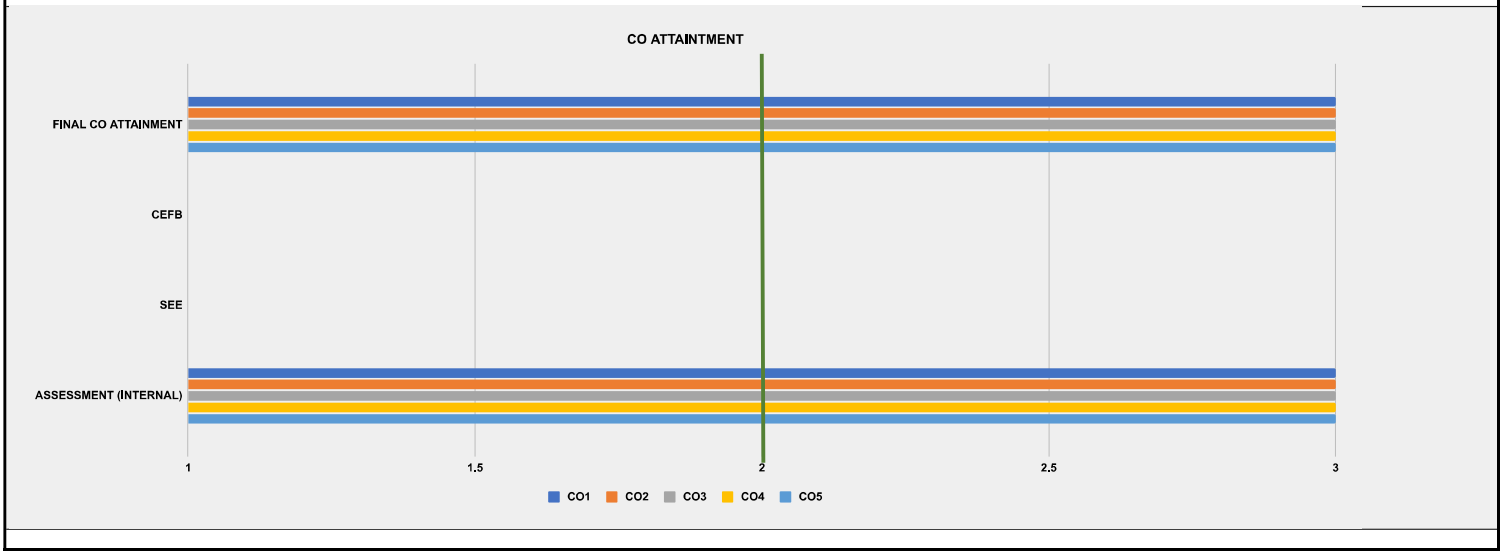
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00		Yes	
CO2	3	-		3.00		Yes	
CO3	3	-		3.00		Yes	
CO4	3	-		3.00		Yes	
CO5	3	-		3.00		Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 5
COURSE CODE (AS PER MU)	BARC503

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	0	0	1	0	2	3	0
CO2	2	3	3	0	0	0	2	0
CO3	2	3	3	0	0	0	2	0
CO4	3	1	2	3	3	2	1	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Analyze and evaluate the structural system designs and materials used in institutional buildings, including their impact on the overall building performance and functionality in a technical sense.	2.70	Achieved as planned
CO2	Design advanced slabs and lightweight skin systems for RCC and MS framed buildings, incorporating sustainable and efficient strategies	2.40	More time in lectures detailing out these aspects
CO3	Understand comprehensive details for institutional building elements such as cores, fenestrations, cladding, and curtain wall systems, considering both functional and aesthetic aspects.	2.50	Achieved as planned
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional and the ability to empathetically communicate with all stakeholders.	2.70	Achieved as planned

Course-level PO Attainments

PO1 Attainment	2.58	**PO5 Attainment**	2.70
PO2 Attainment	2.49	**PO6 Attainment**	2.70
PO3 Attainment	2.51	**PO7 Attainment**	2.58
PO4 Attainment	2.70	**PO8 Attainment**	2.70

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USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 5
COURSE CODE (AS PER MU)	BARC503
FACULTY	Jimmy, Neeraj, Minal, Ainsley, Dharmesh, Kimaya, Shantanu
FACULTY INCHARGE	Jimmy
TOTAL MARKS	100

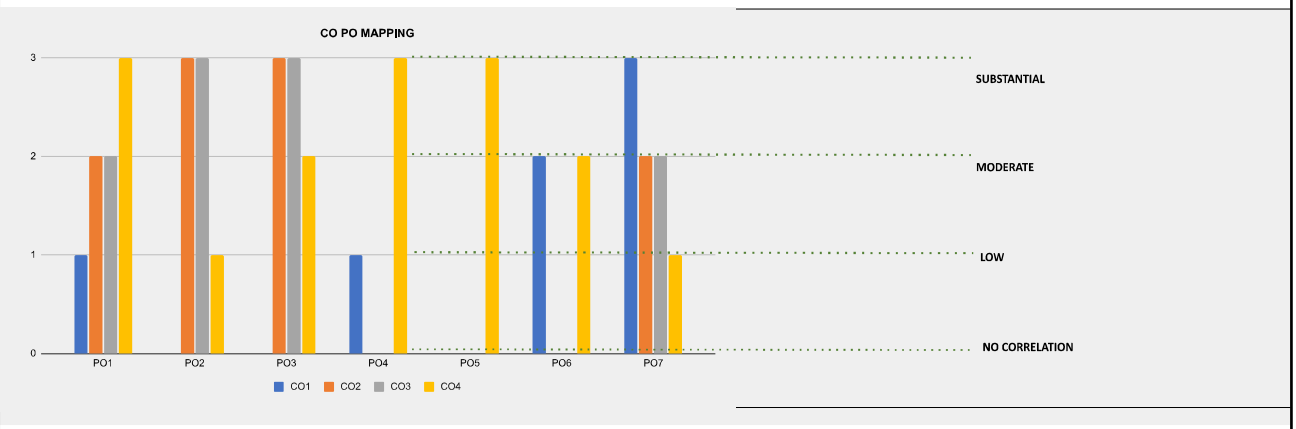
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Analyze and evaluate the structural system designs and materials used in institutional buildings, including their impact on the overall building performance and functionality in a technical sense.	L4 - Analyse (Draw connections among ideas)
CO2	Design advanced slabs and lightweight skin systems for RCC and MS framed buildings, incorporating sustainable and efficient strategies	L3 - Apply (Use information in new situations)
CO3	Understand comprehensive details for institutional building elements such as cores, fenestrations, cladding, and curtain wall systems, considering both functional and aesthetic aspects.	L2 - Understand (Explain ideas or concepts)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional and the ability to empathetically communicate with all stakeholders.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	0	0	1	0	2	3	0	1.75
CO2	2	3	3	0	0	0	2	0	2.50
CO3	2	3	3	0	0	0	2	0	2.50
CO4	3	1	2	3	3	2	1	3	2.25
PO AVERAGE	2.00	2.33	2.67	2.00	3.00	2.00	2.00	3.00	
Conclusion and Resolution	The course aims to bring the learner closer to the realities of building and their role as professional which is satisfactorily achieved through the course objectives								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	21
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

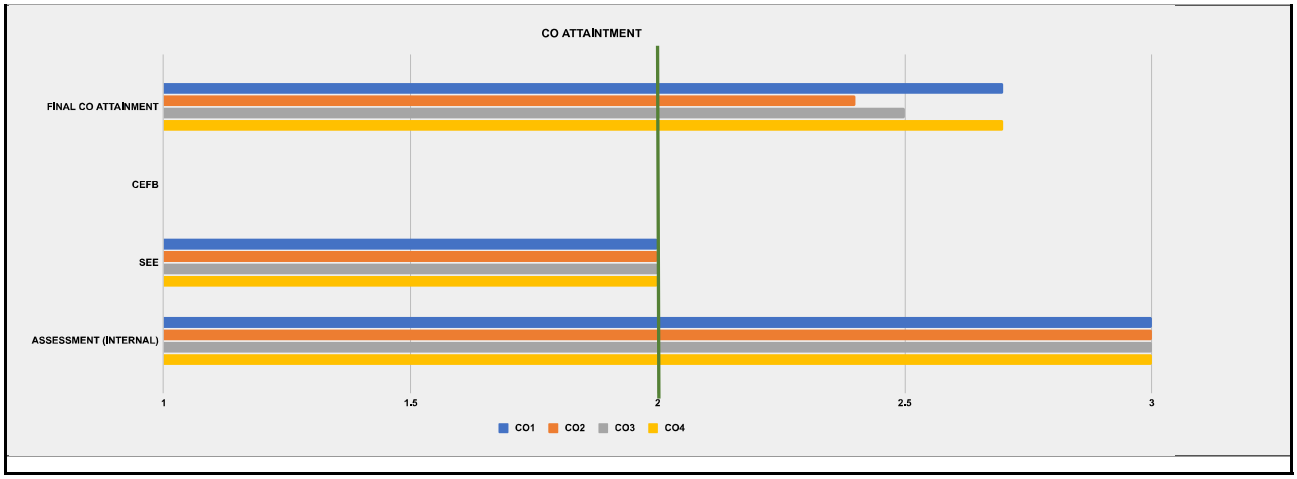
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	70	40	50	70	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	30	60	50	30	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.7	2.5	Yes	Achieved as planned
CO2	3	2	-	2.40	2.5	No	More time in lectures detailing out these aspects
CO3	3	2	-	2.50	2.5	Yes	Achieved as planned
CO4	3	2	-	2.70	2.5	Yes	Achieved as planned

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.7	2.5	Yes	Achieved as planned
CO2	3	2	-	2.40	2.5	No	More time in lectures detailing out these aspects
CO3	3	2	-	2.50	2.5	Yes	Achieved as planned
CO4	3	2	-	2.70	2.5	Yes	Achieved as planned



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 5
COURSE CODE (AS PER MU)	BARC504

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	3	1	0	3	2	3
CO2	3	3	1	3	1	1	2	2
CO3	2	2	1	2	0	0	2	0
CO4	3	2	1	3	3	1	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Introduction to steel as a structural material, its inherent properties, advantages, and shortcomings.	2.55	
CO2	Develop an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.	2.50	
CO3	Understand the behavior of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design	2.60	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.50	

Course-level PO Attainments

PO1 Attainment	2.53	PO5 Attainment	2.50
PO2 Attainment	2.53	PO6 Attainment	2.53
PO3 Attainment	2.54	PO7 Attainment	2.54
PO4 Attainment	2.53	PO8 Attainment	2.52

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 5
COURSE CODE (AS PER MU)	BARC504
FACULTY	Bhargav Kolapkar, Neeraj Vakharia
FACULTY INCHARGE	Neeraj
TOTAL MARKS	100

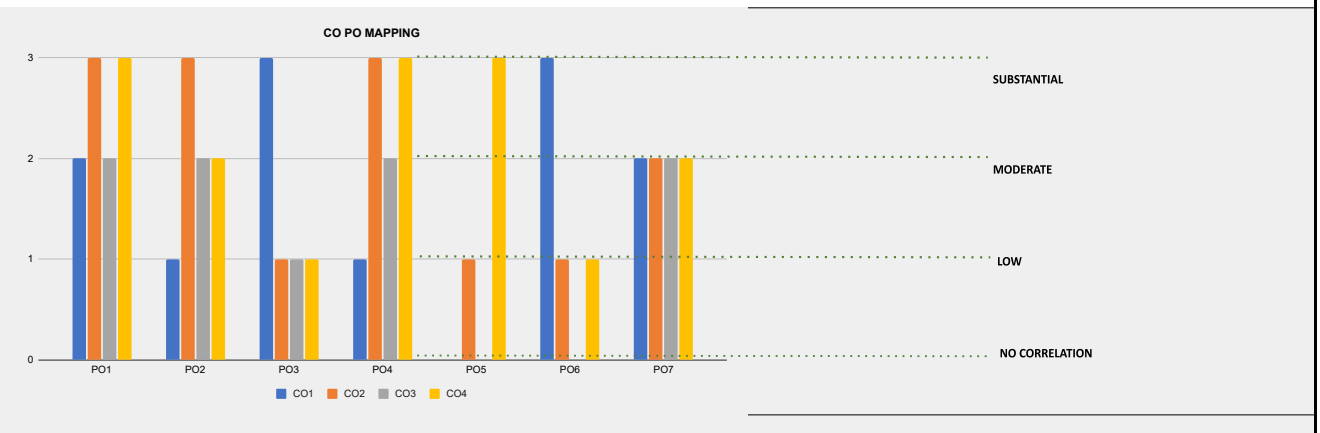
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to steel as a structural material, its inherent properties, advantages, and shortcomings.	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.	L3 - Apply (Use information in new situations)
CO3	Understand the behavior of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design	L4 - Analyse (Draw connections among ideas)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	3	1	0	3	2	3	2.14
CO2	3	3	1	3	1	1	2	2	2.00
CO3	2	2	1	2	0	0	2	0	1.80
CO4	3	2	1	3	3	1	2	3	2.25
PO AVERAGE	2.50	2.00	1.50	2.25	2.00	1.67	2.00	2.67	
Conclusion and Resolution	A practical understanding of steel as a building material and transfer of flows in various members will encourage the students to use of steel structures in their design studio / thesis								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

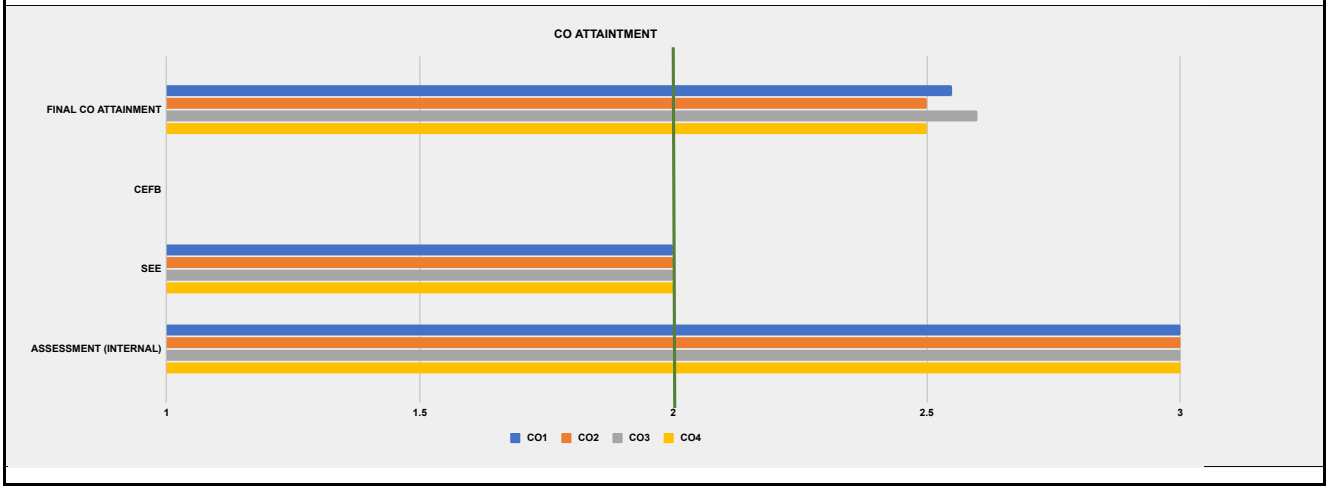
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	50	60	50		ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	50	40	50		
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2	Yes	
CO2	3	2	-	2.50	2.5	Yes	
CO3	3	2	-	2.60	2.5	Yes	
CO4	3	2	-	2.50	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2	Yes	
CO2	3	2	-	2.50	2.5	Yes	
CO3	3	2	-	2.60	2.5	Yes	
CO4	3	2	-	2.50	2	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 3
COURSE CODE (AS PER MU)	BARC508

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	0	2	2	1	2	2
CO2	2	1	1	1	1	2	2	2
CO3	1	2	2	1	2	1	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to understand the lighting and acoustic components and workability within a building, with a focus on holistic understanding of materiality, technical details and layout.	3.00	Achieved as planned
CO2	To make the students explore the various techniques of representing the building systems and components, to be executed on their architectural projects and site.	3.00	Achieved as planned
CO3	To analytically arrive at building energy-efficiency by applying alternative and renewable energy sources as well as regenerative systems.	3.00	Achieved as planned

Course-level PO Attainments

PO1 Attainment		3.00	PO5 Attainment		3.00
PO2 Attainment		3.00	PO6 Attainment		3.00
PO3 Attainment		3.00	PO7 Attainment		3.00
PO4 Attainment		3.00	PO8 Attainment		3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 3
COURSE CODE (AS PER MU)	BARC508
FACULTY	Minal, Swati
FACULTY INCHARGE	Minal
TOTAL MARKS	100

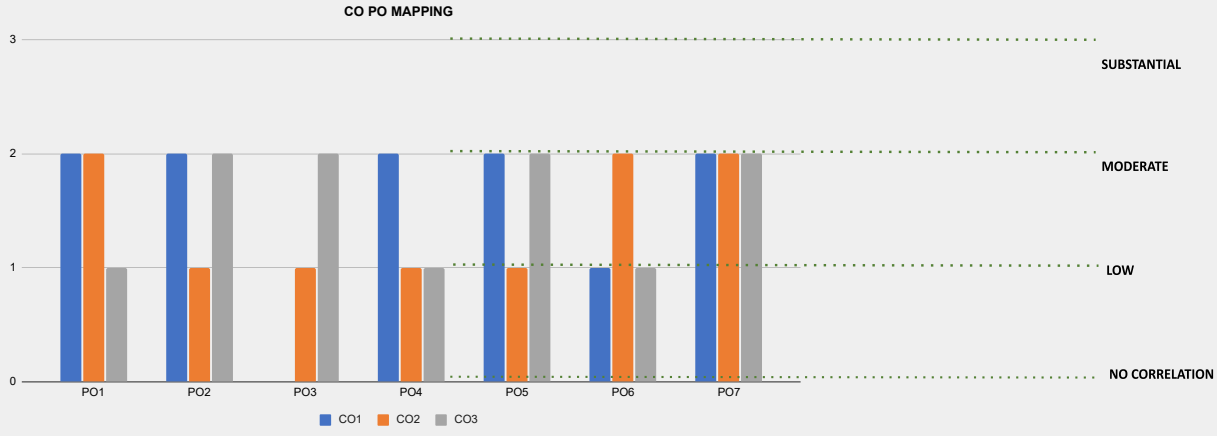
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the lighting and acoustic components and workability within a building, with a focus on holistic understanding of materiality, technical details and layout.	L2 - Understand (Explain ideas or concepts)
CO2	To make the students explore the various techniques of representing the building systems and components, to be executed on their architectural projects and site.	L2 - Understand (Explain ideas or concepts)
CO3	To analytically arrive at building energy-efficiency by applying alternative and renewable energy sources as well as regenerative systems.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	0	2	2	1	2	2	1.86
CO2	2	1	1	1	1	2	2	2	1.50
CO3	1	2	2	1	2	1	2	2	1.63
PO AVERAGE	1.67	1.67	1.50	1.33	1.67	1.33	2.00	2.00	
Conclusion and Resolution	The course moderately aligns with the programme objectives								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



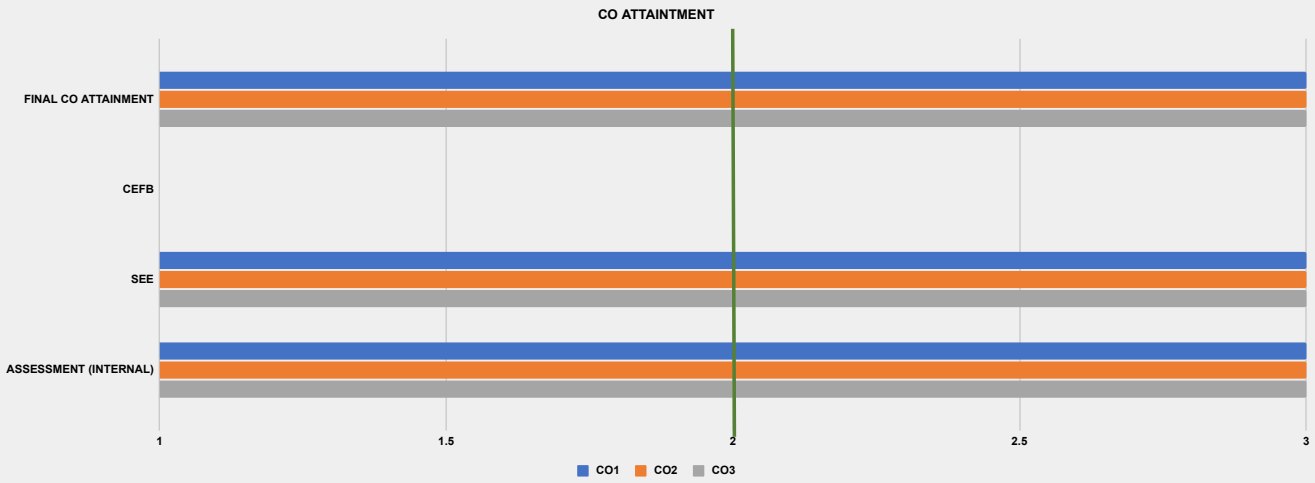
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30			ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70			
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	3	-	3	2.5	Yes	Achieved as planned
CO2	3	3	-	3.00	2	Yes	Achieved as planned
CO3	3	3	-	3.00	2.5	Yes	Achieved as planned



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Humanities 5							
COURSE CODE (AS PER MU)	BARC505							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	2	2	3	3	0
CO2	3	1	0	3	2	3	3	0
CO3	2	1	0	1	2	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Students will adopt the 'production of space' as an analytical tool to study urban phenomena.	2.45	Strategizing a simpler course outcome can help achieve clearer conceptual understanding.
CO2	To explore Mumbai's growth and transformation through a social history perspective.	2.60	
CO3	A historical overview of the city's physical and demographic growth, economic and social geography, institutional-administrative structure, and urban planning and development policy.	2.70	

Course-level PO Attainments

PO1 Attainment			2.57		**PO5 Attainment**			2.58
PO2 Attainment			2.55		**PO6 Attainment**			2.57
PO3 Attainment			2.45		**PO7 Attainment**			2.58
PO4 Attainment			2.57		**PO8 Attainment**			2.70

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 5
COURSE CODE (AS PER MU)	BARC505
FACULTY	Hussain, Shweta
FACULTY INCHARGE	Hussain
TOTAL MARKS	100

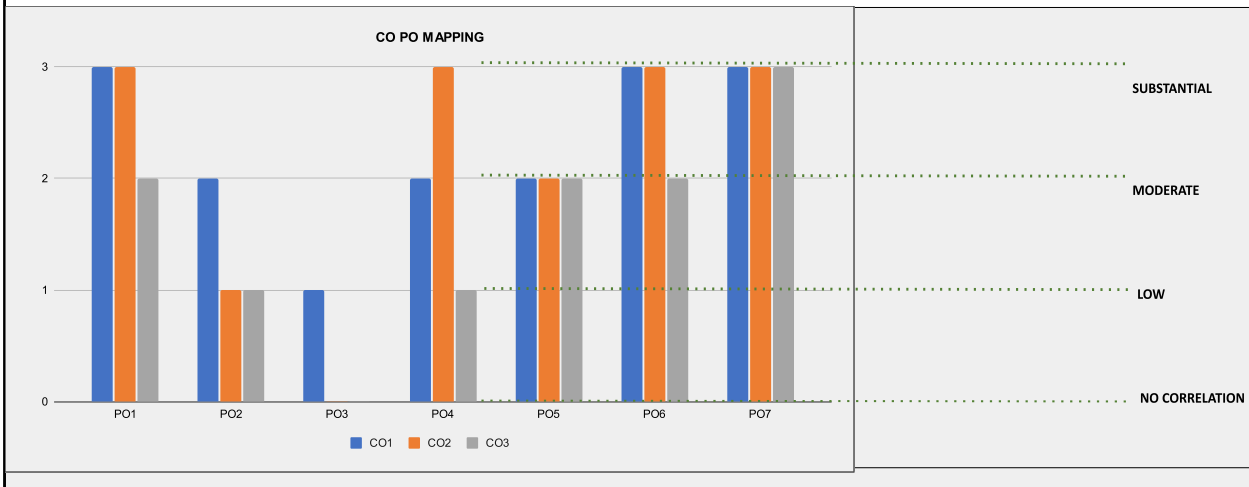
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will adopt the 'production of space' as an analytical tool to study urban phenomena.	L4 - Analyse (Draw connections among ideas)
CO2	To explore Mumbai's growth and transformation through a social history perspective.	L2 - Understand (Explain ideas or concepts)
CO3	A historical overview of the city's physical and demographic growth, economic and social geography, institutional-administrative structure, and urban planning and development policy.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	1	2	2	3	3	0	2.29
CO2	3	1	0	3	2	3	3	0	2.50
CO3	2	1	0	1	2	2	3	1	1.71
PO AVERAGE	2.67	1.33	1.00	2.00	2.00	2.67	3.00	1.00	
Conclusion and Resolution	Higher emphasis on application-based exercises can potentially help bridge the gap between COs and POs.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



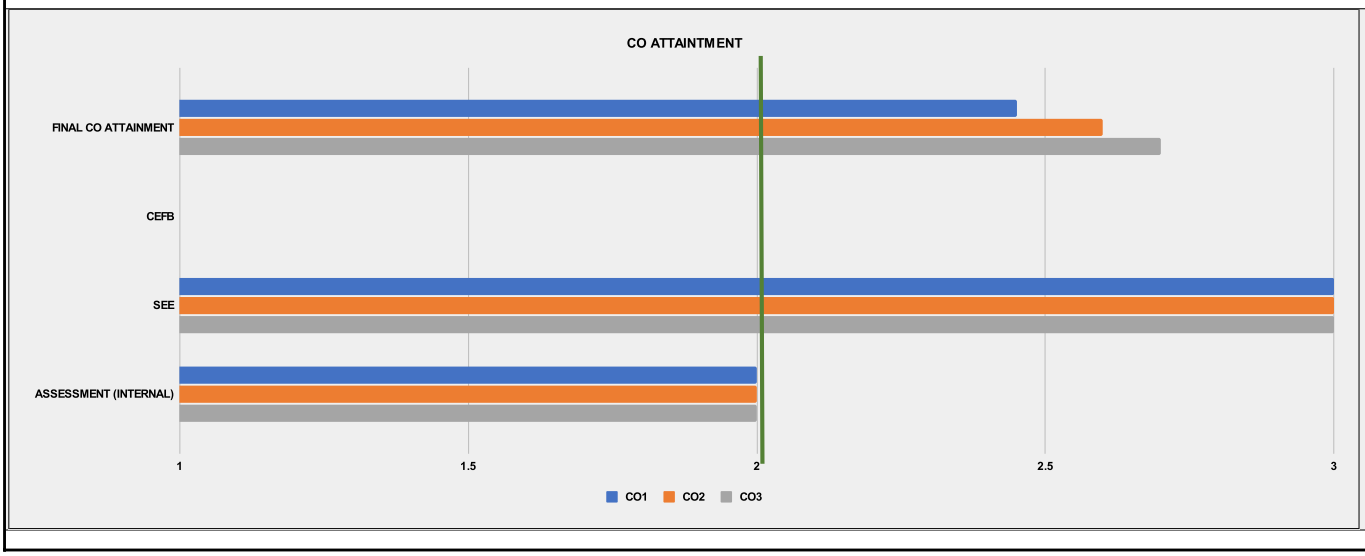
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	37.5

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30			ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70			
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2.5	No	gizing a simpler course outcome can help achieve clearer conceptual understar
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 5							
COURSE CODE (AS PER MU)	BARC507							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	2	2	2	1	3	2
CO2	2	2	2	0	0	1	3	2
CO3	1	2	0	2	2	2	3	2
CO4	0	0	0	0	0	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To develop and resolve without compromising their design ideas to match the program requirements and operations.	2.00	More resolution and interaction time to be provided
CO2	To choose the correct system from the wide array of structural, infrastructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.	2.00	More case study with structural emphasis in design to be discussed/shown
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	2.00	More material palette and construction techniques to be explored
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	2.00	different representation technique to be discussed

Course-level PO Attainments

PO1 Attainment		2.00	**PO5 Attainment**		2.00
PO2 Attainment		2.00	**PO6 Attainment**		2.00
PO3 Attainment		2.00	**PO7 Attainment**		2.00
PO4 Attainment		2.00	**PO8 Attainment**		2.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 5
COURSE CODE (AS PER MU)	BARC507
FACULTY	
FACULTY INCHARGE	
TOTAL MARKS	

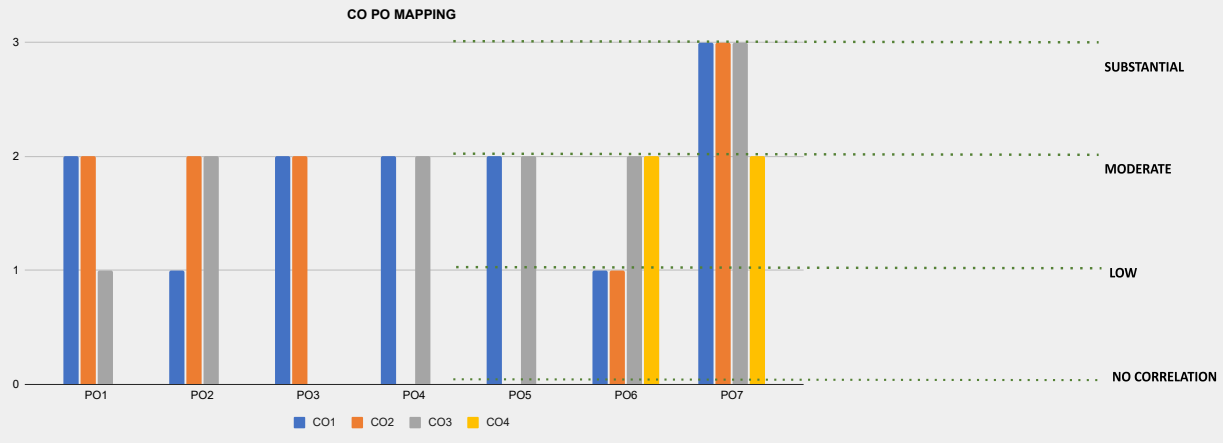
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To develop and resolve without compromising their design ideas to match the program requirements and operations.	L5 - Evaluate (Justify a stand or decision)
CO2	To choose the correct system from the wide array of structural, infrastructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.	L2 - Understand (Explain ideas or concepts)
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	L2 - Understand (Explain ideas or concepts)
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	2	2	2	1	3	2	1.88
CO2	2	2	2	0	0	1	3	2	2.00
CO3	1	2	0	2	2	2	3	2	2.00
CO4	0	0	0	0	0	2	2	2	2.00
PO AVERAGE	1.67	1.67	2.00	2.00	2.00	1.50	2.75	2.00	
Conclusion and Resolution	ttempts to create a set of professional drawings required for site execution. Students are oriented towards new ways of representation. The course co-relates with PO								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



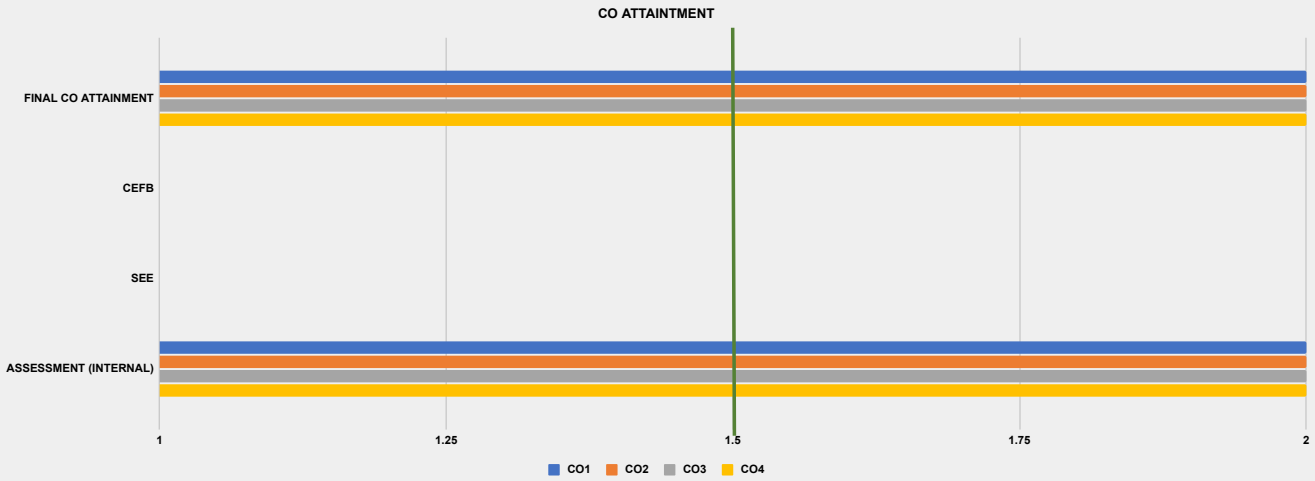
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	More resolution and interaction time to be provided
CO2	2	-		2.00	2.5	No	More case study with structural emphasis in design to be discussed/shown
CO3	2	-		2.00	2.5	No	More material palette and construction techniques to be explored
CO4	2	-		2.00	2.5	No	different representation technique to be discussed



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Only Sessionals (Internal)							
COURSE NAME (AS PER MU)	Architectural Theory 3							
COURSE CODE (AS PER MU)	BARC509							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	1	2	1	2	3	1
CO2	1	0	0	2	0	1	3	0
CO3	3	0	0	2	0	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the relationship between spatial, temporal and intellectual contexts and architectural form	3.00	
CO2	Understanding readings and ideas from twentieth century thought.	3.00	This was an online lecture course. The course was calibrated accordingly.
CO3	Applying critical thinking skills to evolve analytical frameworks to read architecture and other cultural artefacts	3.00	

Course-level PO Attainments

PO1 Attainment		3.00		**PO5 Attainment**		3.00
PO2 Attainment		3.00		**PO6 Attainment**		3.00
PO3 Attainment		3.00		**PO7 Attainment**		3.00
PO4 Attainment		3.00		**PO8 Attainment**		3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 3
COURSE CODE (AS PER MU)	BARC509
FACULTY	Rohan Shivkumar, Shirish Joshi
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	50

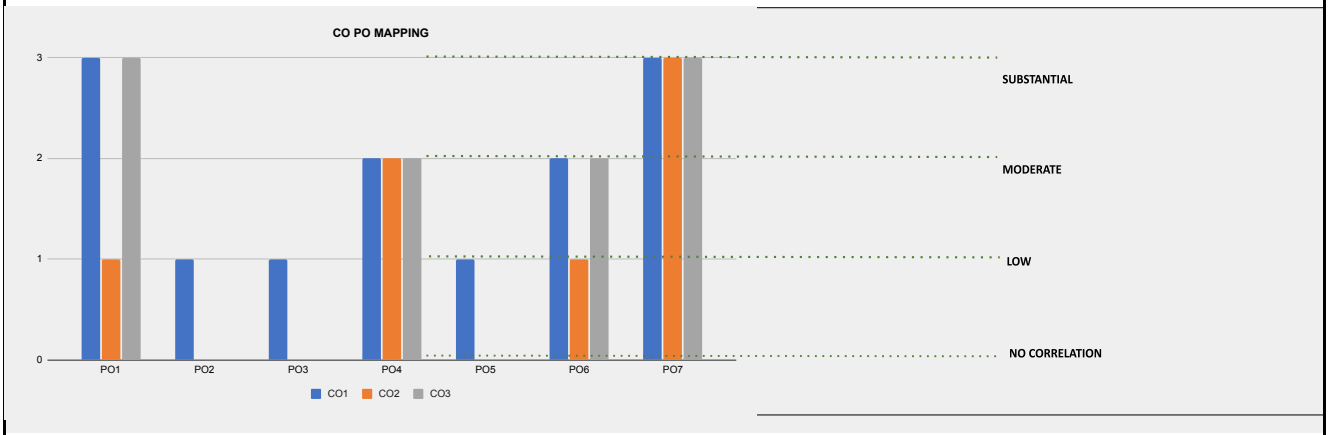
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	erstanding the relationship between spatial, temporal and intellectual contexts and architectural t	L2 - Understand (Explain ideas or concepts)
CO2	Understanding readings and ideas from twentieth century thought.	L2 - Understand (Explain ideas or concepts)
CO3	ng critical thinking skills to evolve analytical frameworks to read architecture and other cultural ar	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	1	2	1	2	3	1	1.75
CO2	1	0	0	2	0	1	3	0	1.75
CO3	3	0	0	2	0	2	3	1	2.20
PO AVERAGE	2.33	1.00	1.00	2.00	1.00	1.67	3.00	1.00	
Conclusion and Resolution	The course aims to expose students to ideas in architecture in the twentieth century. These are meant to help them analyse architectural production through a paper.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

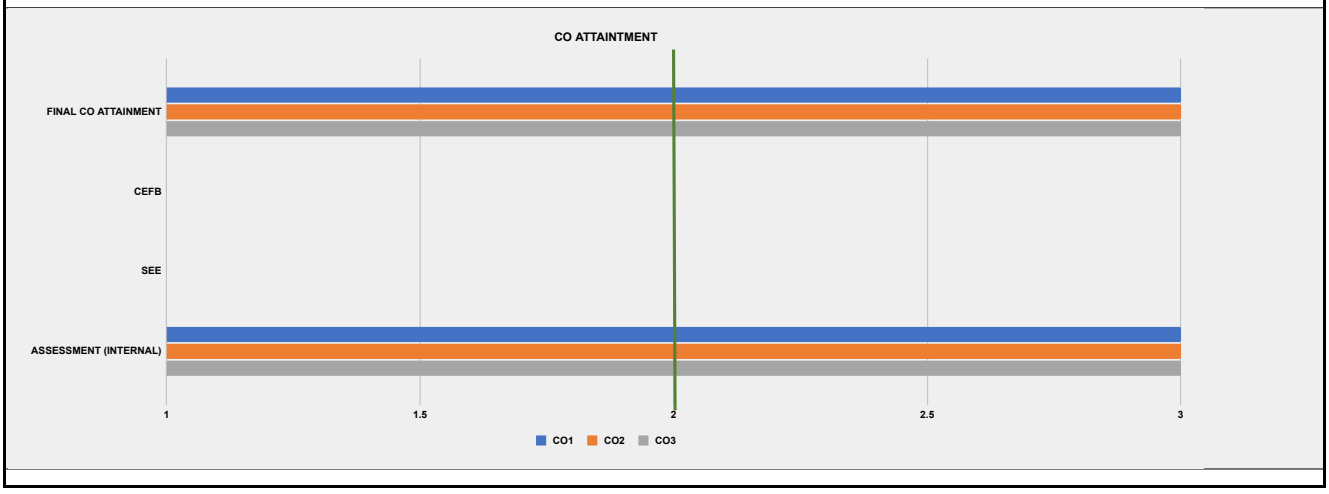
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	This was an online lecture course. The course was calibrated accordingly.
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.5	Yes	This was an online lecture course. The course was calibrated accordingly.
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 5
COURSE CODE (AS PER MU)	BARP520

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	3	2	2	3	3	3
CO2	1	2	0	1	0	3	3	1
CO3	0	2	0	0	0	1	1	0
CO4	3	3	3	1	0	3	3	2
CO5	3	3	3	2	1	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding architecture as an outcome of socio cultural processes	3.00	
CO2	Analysing historical ideas and their implications on architectural form	3.00	
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	3.00	
CO4	Understanding the making of an architectural object through details, material and structure	3.00	
CO5	Analysing the expression of an architectural object	3.00	

Course-level PO Attainments

PO1 Attainment		3.00		PO5 Attainment	3.00
PO2 Attainment		3.00		PO6 Attainment	3.00
PO3 Attainment		3.00		PO7 Attainment	3.00
PO4 Attainment		3.00		PO8 Attainment	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 5
COURSE CODE (AS PER MU)	BARP520
FACULTY	Ginella George, Sarah George, George Jacob, Swati Seshadri
FACULTY INCHARGE	
TOTAL MARKS	100

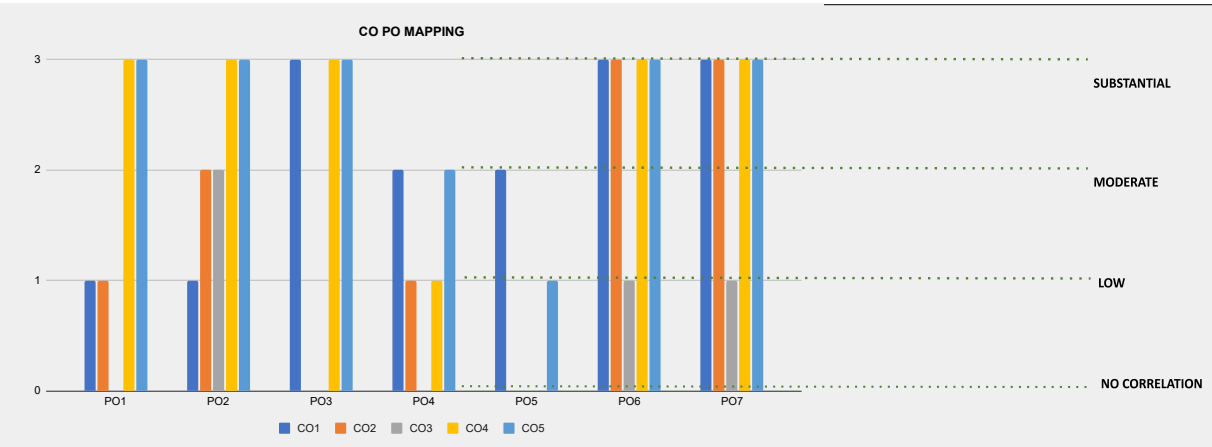
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding architecture as an outcome of socio cultural processes	L2 - Understand (Explain ideas or concepts)
CO2	Analysing historical ideas and their implications on architectural form	L2 - Understand (Explain ideas or concepts)
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	L4 - Analyse (Draw connections among ideas)
CO4	Understanding the making of an architectural object through details, material and structure	L1 - Remember (Recall facts and basic concepts)
CO5	Analysing the expression of an architectural object	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	1	1	3	2	2	3	3	3	2.25
CO2	1	2	0	1	0	3	3	1	1.83
CO3	0	2	0	0	0	1	1	0	1.33
CO4	3	3	3	1	0	3	3	2	2.57
CO5	3	3	3	2	1	3	3	3	2.63
PO AVERAGE	2.00	2.20	3.00	1.50	1.50	2.60	2.60	2.00	
Conclusion and Resolution	The course achieves a higher moderate resolution								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

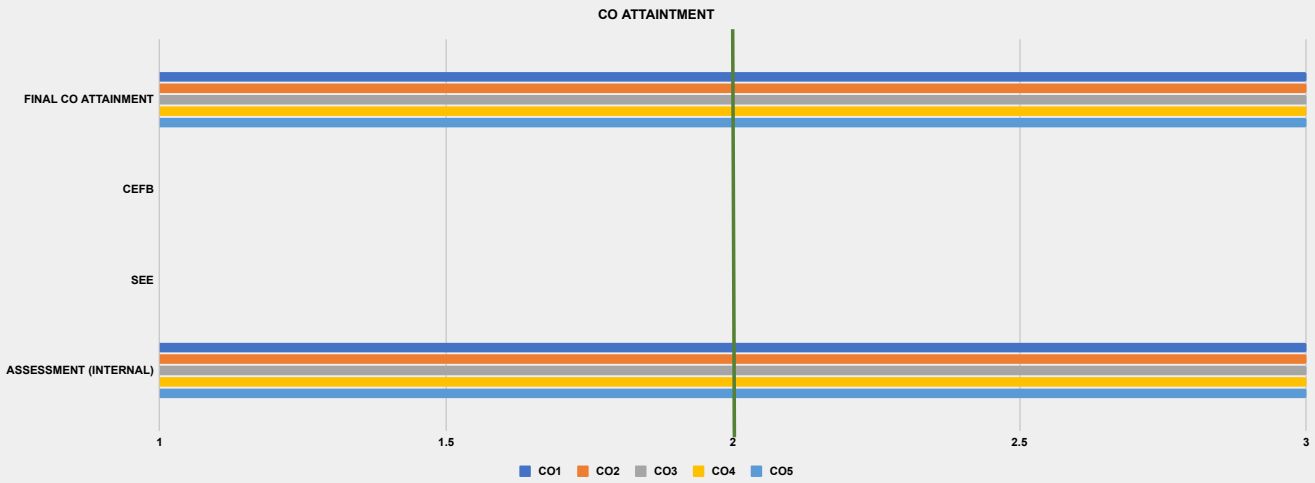
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	55

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2	Yes	
CO2	3	-		3.00	1.5	Yes	
CO3	3	-		3.00	1.5	Yes	
CO4	3	-		3.00	2	Yes	
CO5	3	-		3.00	2	Yes	



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Semester 6

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 6
COURSE CODE (AS PER MU)	BARC601

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	0	0	2	3	0	3	0
CO2	2	2	2	2	0	1	3	0
CO3	0	3	3	0	0	2	1	0
CO4	0	3	3	0	0	1	2	0
CO5	0	2	1	0	2	0	0	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to understand programme evolution and institutional structures	2.55	
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	2.40	The semester was a hybrid studio. The students were partly inn different parts of thhe country. There were experiments in trying new techniques of teaching. However, the lack of physical interaction affected the sophistication of the responses.
CO3	To enable students to evolve their own positions and processes towards the design of a building.	2.30	The semester was a hybrid studio. The students were partly inn different parts of thhe country. There were experiments in trying new techniques of teaching. However, the lack of physical interaction affected the sophistication of the responses.
CO4	To enable students to resolve architectural ideas with technical resolution and details.	2.70	
CO5	To be able to present and communicate their projects successfully.	2.50	

Course-level PO Attainments

PO1 Attainment	2.49	**PO5 Attainment**	2.53
PO2 Attainment	2.48	**PO6 Attainment**	2.43
PO3 Attainment	2.48	**PO7 Attainment**	2.51
PO4 Attainment	2.48	**PO8 Attainment**	2.50

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 6
COURSE CODE (AS PER MU)	BARC601
FACULTY	Rohan Shivkumar, Jude D'Souza, George Jacob, Apurva Parikh, Shilpa Gore Shah, VIshal Jayan, Mayuri Sisodia
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	200

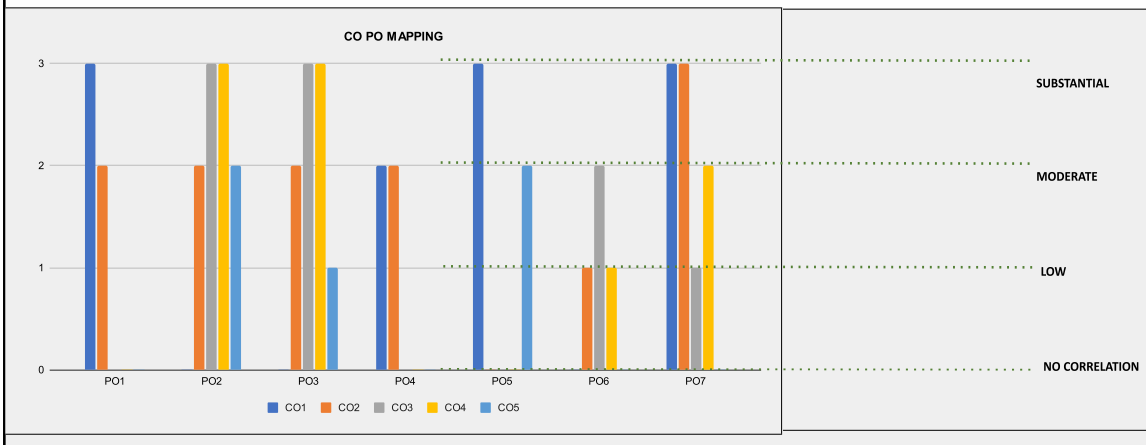
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand programme evolution and institutional structures	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	L4 - Analyse (Draw connections among ideas)
CO3	To enable students to evolve their own positions and processes towards the design of a building.	L3 - Apply (Use information in new situations)
CO4	To enable students to resolve architectural ideas with technical resolution and details.	L6 - Create (Produce new or original work)
CO5	To be able to present and communicate their projects successfully.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	0	0	2	3	0	3	0	2.75
CO2	2	2	2	2	0	1	3	0	2.00
CO3	0	3	3	0	0	2	1	0	2.25
CO4	0	3	3	0	0	1	2	0	2.25
CO5	0	2	1	0	2	0	0	1	1.50
PO AVERAGE	2.50	2.50	2.25	2.00	2.50	1.33	2.25	0.00	
Conclusion and Resolution									

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



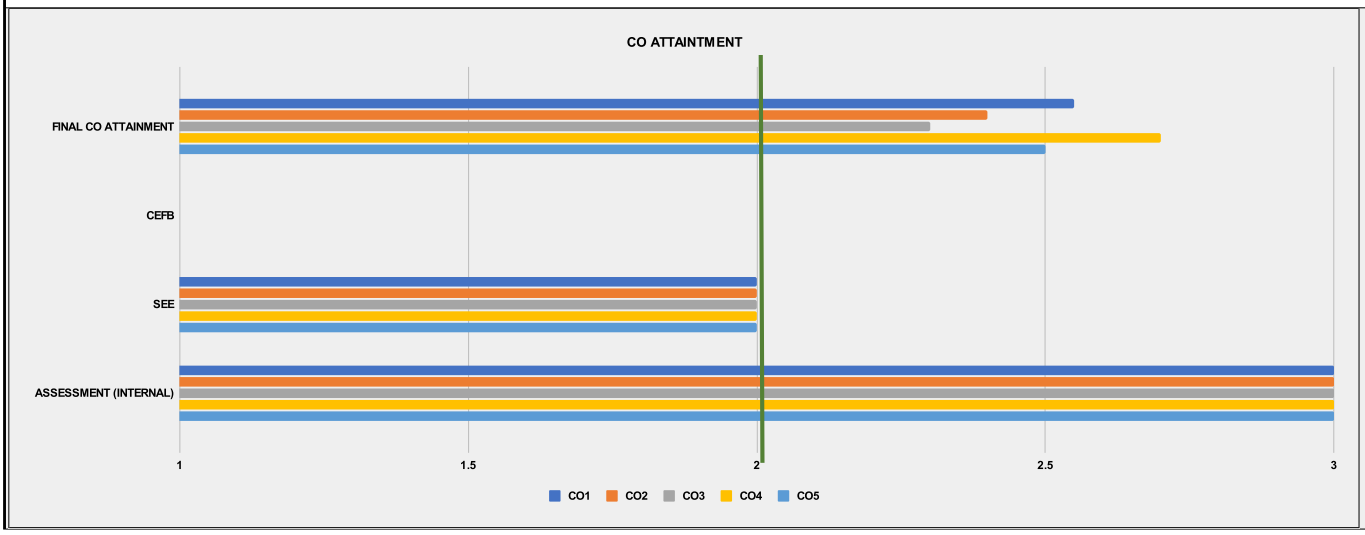
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.55	2.5	Yes	
CO2	3	2	-	2.40	2.5	No	The semester was a hybrid studio. The students were partly inn different parts of thhe country. There were experiments in trying new techniques of teaching. However, the lack of physical interaction affected the sophistication of the responses.
CO3	3	2	-	2.30	2.5	No	The semester was a hybrid studio. The students were partly inn different parts of thhe country. There were experiments in trying new techniques of teaching. However, the lack of physical interaction affected the sophistication of the responses.
CO4	3	2	-	2.70	2.5	Yes	
CO5	3	2	-	2.50	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 6
COURSE CODE (AS PER MU)	BARC602

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	0	0	1	3	3
CO2	2	2	2	0	0	0	2	3
CO3	2	2	1	2	2	2	3	2
CO4	3	3	2	3	2	2	3	3
CO5	3	3	3	2	2	2	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To sensitize students to the nuances of open spaces of varied scales from Regional - large scale to small space analysis.	3.00	
CO2	To apply the principles of grading to be capable of manipulating ground forms from a design point of view.	3.00	
CO3	To enable students to build connections of the immediate site surroundings to the larger ecological networks and systems with their inter-relationships.	3.00	
CO4	To expose the students to ways of intervening in various bio-geographies in a sensitive manner.	3.00	
CO5	To help students formulate landscape programs that respond to the users, architectural programs, and site responses.	3.00	

Course-level PO Attainments

PO1 Attainment		3.00		PO5 Attainment	3.00
PO2 Attainment		3.00		PO6 Attainment	3.00
PO3 Attainment		3.00		PO7 Attainment	3.00
PO4 Attainment		3.00		PO8 Attainment	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 6
COURSE CODE (AS PER MU)	BARC602
FACULTY	ANNKUSH, SANDEEP M, RUTIKA P, SWATI S, SHRUTI, KETAKI
FACULTY INCHARGE	SANDEEP M
TOTAL MARKS	100

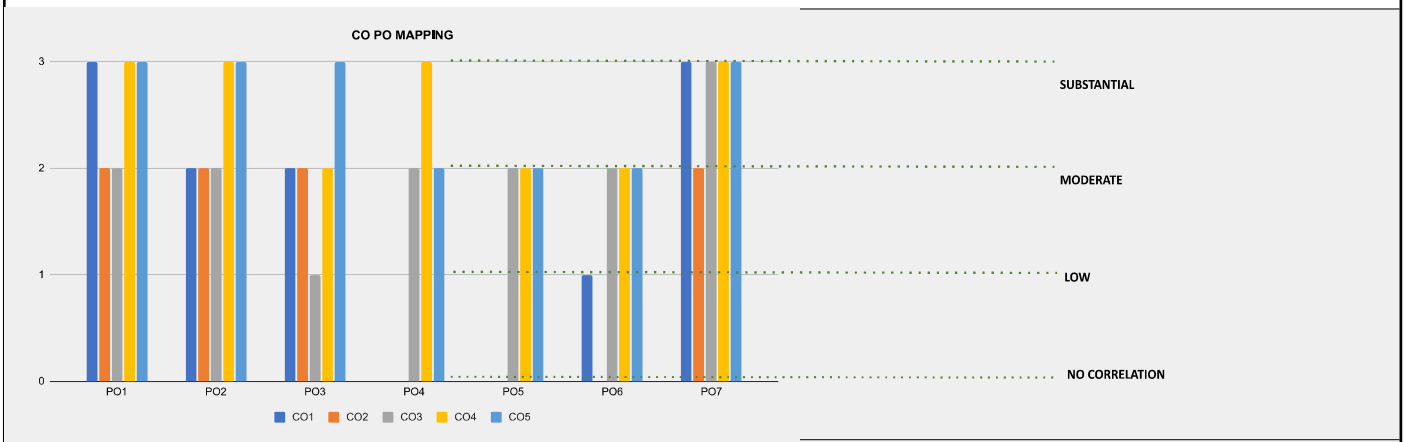
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To sensitize students to the nuances of open spaces of varied scales from Regional - large scale to small space analysis.	L2 - Understand (Explain ideas or concepts)
CO2	To apply the principles of grading to be capable of manipulating ground forms from a design point of view.	L3 - Apply (Use information in new situations)
CO3	To enable students to build connections of the immediate site surroundings to the larger ecological networks and systems with their inter-relationships.	L4 - Analyse (Draw connections among ideas)
CO4	To expose the students to ways of intervening in various bio-geographies in a sensitive manner.	L5 - Evaluate (Justify a stand or decision)
CO5	To help students formulate landscape programs that respond to the users, architectural programs, and site responses.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	0	0	1	3	3	2.33
CO2	2	2	2	0	0	0	2	3	2.20
CO3	2	2	1	2	2	2	3	2	2.00
CO4	3	3	2	3	2	2	3	3	2.63
CO5	3	3	3	2	2	2	3	3	2.63
PO AVERAGE	2.60	2.40	2.00	2.33	2.00	1.75	2.80	2.75	
Conclusion and Resolution	The course was able to engage with the act of design as a response to the interconnected ecological systems of the site and its surroundings. And helped students to become fully versed in the principles of grading to be capable of manipulating ground forms from a design perspective. We would further work on introducing ecological design principles to holistically intervene in sensitive bio-geographies.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

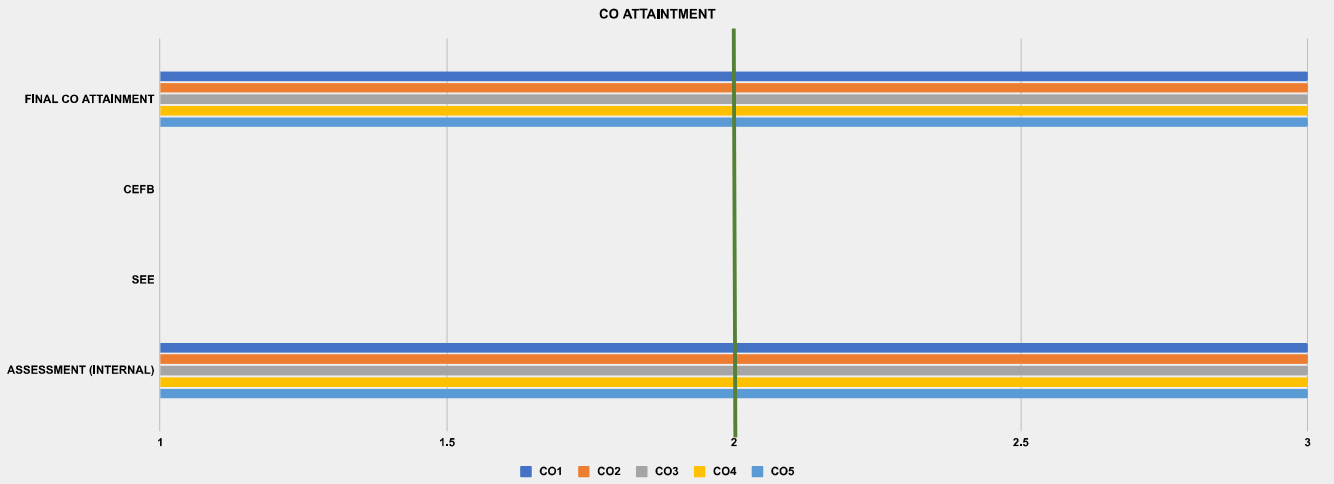


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	69

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00		Yes	
CO2	3	-		3.00		Yes	
CO3	3	-		3.00		Yes	
CO4	3	-		3.00		Yes	
CO5	3	-		3.00		Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 6
COURSE CODE (AS PER MU)	BARC603

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	1	0	0	1	3	0
CO2	1	2	3	0	0	3	2	1
CO3	3	0	2	0	2	1	3	1
CO4	1	0	0	3	2	2	0	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To apply analytical skills to design and analyze framed structures, incorporating both RCC and MS steel elements.	2.40	Achieved as planned
CO2	To critically evaluate and optimize the structural and detailing aspects of framed structures, considering the interplay between architectural aesthetics, functionality, and construction feasibility.	2.45	Achieved as planned
CO3	To develop the ability to resolve large span construction, utilizing precast elements and considering post-stressed and pre-stressed concrete techniques, retaining wall systems, and raft foundations.	2.50	Achieved as planned
CO4	To address ethical considerations related to the use of construction materials and techniques in large span architectural design, taking into account sustainability, environmental impact, and societal well-being.	2.35	Achieved as planned

Course-level PO Attainments

PO1 Attainment	2.44	**PO5 Attainment**	2.43
PO2 Attainment	2.43	**PO6 Attainment**	2.42
PO3 Attainment	2.46	**PO7 Attainment**	2.45
PO4 Attainment	2.35	**PO8 Attainment**	2.40

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 6
COURSE CODE (AS PER MU)	BARC603
FACULTY	Jimmy, Neeraj, Minal, Ainsley, Shantanu, Dharmesh, Kimaya, Vikram
FACULTY INCHARGE	Jimmy
TOTAL MARKS	100

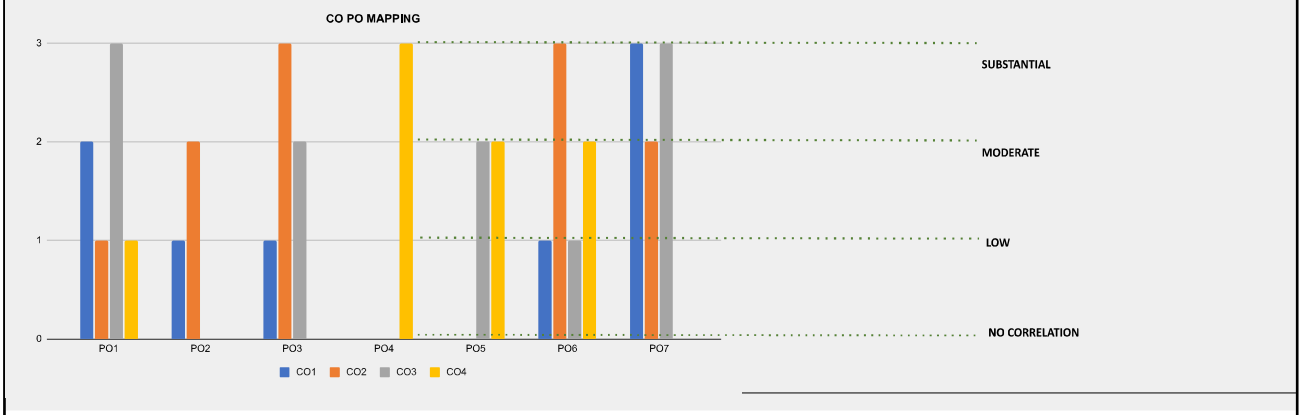
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To apply analytical skills to design and analyze framed structures, incorporating both RCC and MS steel elements.	L3 - Apply (Use information in new situations)
CO2	To critically evaluate and optimize the structural and detailing aspects of framed structures, considering the interplay between architectural aesthetics, functionality, and construction feasibility.	L5 - Evaluate (Justify a stand or decision)
CO3	To develop the ability to resolve large span construction, utilizing precast elements and considering post-stressed and pre-stressed concrete techniques, retaining wall systems, and raft foundations.	L6 - Create (Produce new or original work)
CO4	To address ethical considerations related to the use of construction materials and techniques in large span architectural design, taking into account sustainability, environmental impact, and societal well-being.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	1	0	0	1	3	0	1.60
CO2	1	2	3	0	0	3	2	1	2.00
CO3	3	0	2	0	2	1	3	1	2.00
CO4	1	0	0	3	2	2	0	3	2.20
PO AVERAGE	1.75	1.50	2.00	3.00	2.00	1.75	2.67	1.67	
Conclusion and Resolution	The course outcomes is aligning with the program outcomes moderately.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	25
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

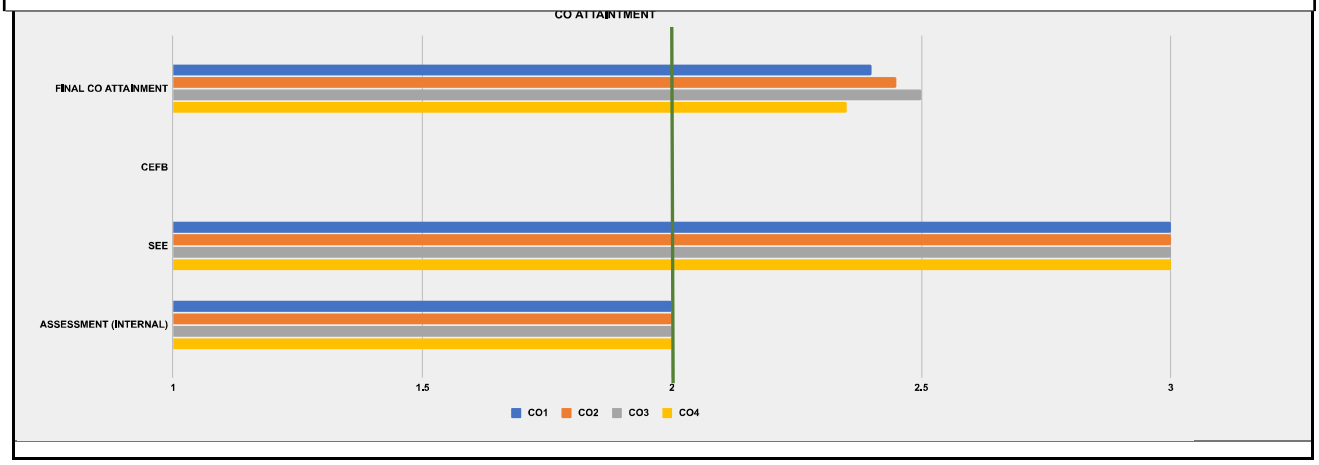
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	55	50	65	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	45	50	35	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.4	2	Yes	Achieved as planned
CO2	2	3	-	2.45	2	Yes	Achieved as planned
CO3	2	3	-	2.50	2	Yes	Achieved as planned
CO4	2	3	-	2.35	2	Yes	Achieved as planned

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.4	2	Yes	Achieved as planned
CO2	2	3	-	2.45	2	Yes	Achieved as planned
CO3	2	3	-	2.50	2	Yes	Achieved as planned
CO4	2	3	-	2.35	2	Yes	Achieved as planned



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 6
COURSE CODE (AS PER MU)	BARC604

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	1	3	2	0	0	1
CO2	2	3	2	3	1	0	0	1
CO3	3	3	3	2	2	0	2	1
CO4	3	2	3	2	3	1	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, shortcomings and its relevance to architecture	2.45	
CO2	Develop an intuitive understanding of grid floor and floor slabs and transfer of load in the system	2.60	
CO3	Understand the behavior of typical members in an RCC structural elements with emphasis on making structural drawings and good structural planning.	2.50	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.60	

Course-level PO Attainments

PO1 Attainment		**2.54**		**PO5 Attainment**	**2.54**
PO2 Attainment		**2.55**		**PO6 Attainment**	**2.60**
PO3 Attainment		**2.55**		**PO7 Attainment**	**2.55**
PO4 Attainment		**2.54**		**PO8 Attainment**	**2.56**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Theory & Design of Structures 6
COURSE CODE (AS PER MU)	BARC604
FACULTY	Bhargav Kolapkar, Milan
FACULTY INCHARGE	Bhargav
TOTAL MARKS	100

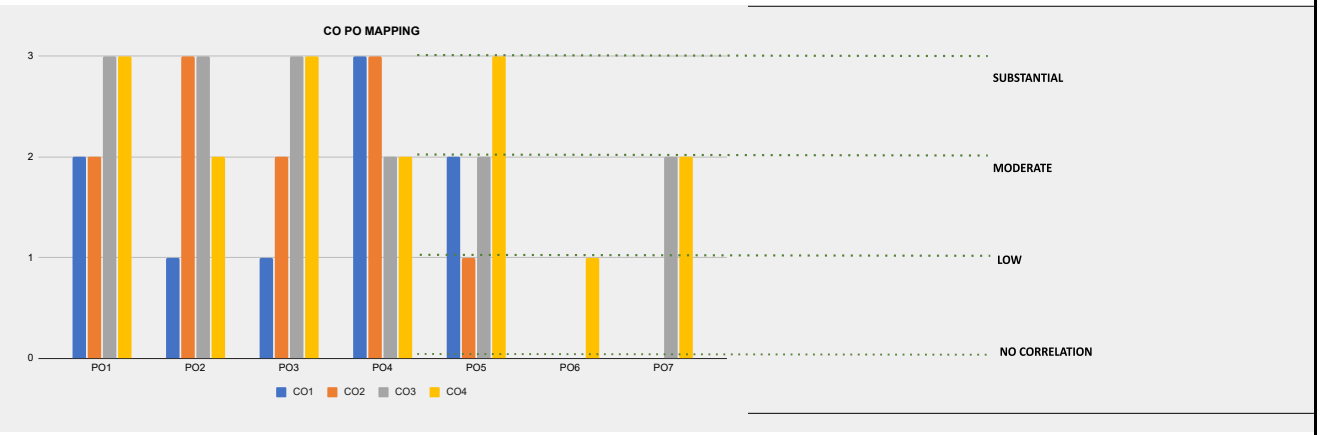
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, shortcomings and its relevance to architecture	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of grid floor and floor slabs and transfer of load in the system	L2 - Understand (Explain ideas or concepts)
CO3	Understand the behavior of typical members in an RCC structural elements with emphasis on making structural drawings and good structural planning.	L4 - Analyse (Draw connections among ideas)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	1	3	2	0	0	1	1.67
CO2	2	3	2	3	1	0	0	1	2.00
CO3	3	3	3	2	2	0	2	1	2.29
CO4	3	2	3	2	3	1	2	3	2.38
PO AVERAGE	2.50	2.25	2.25	2.50	2.00	1.00	2.00	1.50	
Conclusion and Resolution	An intuitive understanding of RCC structural systems and the required technical knowledge for its application in architectural design								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

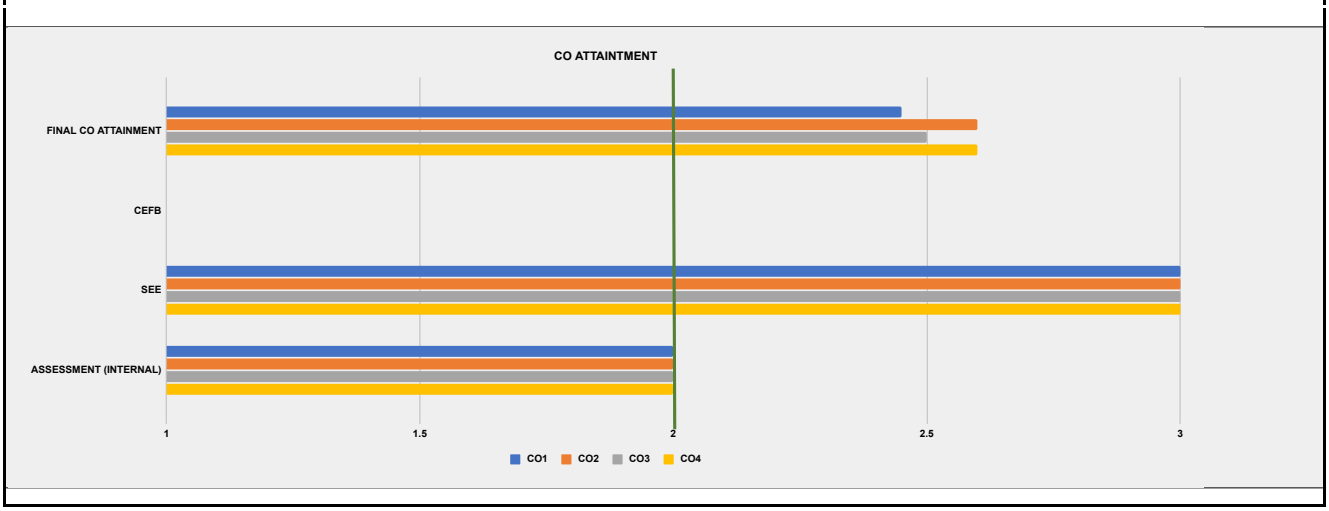
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	50	40	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	50	60	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.50	2.5	Yes	
CO4	2	3	-	2.60	2.5	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.50	2.5	Yes	
CO4	2	3	-	2.60	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 4
COURSE CODE (AS PER MU)	BARC608

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0	2	2	1	2	1	2	3
CO2	3	2	0	0	2	1	2	3
CO3	0	0	2	2	2	1	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to understand the components and workability of passive as well as active fire systems within a building.	2.35	Achieved as planned
CO2	To make students explore the infrastructural systems integrated in vertical movement and further realize the relevance of mobility in architectural design, using a case study-based approach.	2.35	Achieved as planned
CO3	To make students explore the infrastructural systems integrated in vertical movement and further realize the relevance of mobility in architectural design, using a case study-based approach.	2.35	Achieved as planned

Course-level PO Attainments

PO1 Attainment	2.35		PO5 Attainment		2.35
PO2 Attainment	2.35		PO6 Attainment		2.35
PO3 Attainment	2.35		PO7 Attainment		2.35
PO4 Attainment	2.35		PO8 Attainment		2.35

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 4
COURSE CODE (AS PER MU)	BARC608
FACULTY	Minal, Swati
FACULTY INCHARGE	Minal
TOTAL MARKS	100

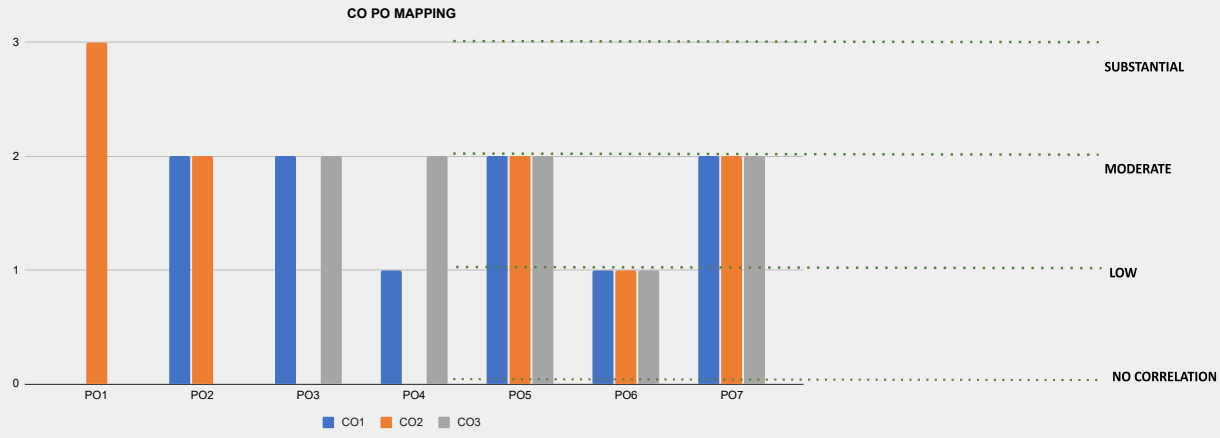
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the components and workability of passive as well as active fire systems within a building.	L2 - Understand (Explain ideas or concepts)
CO2	To make students explore the infrastructural systems integrated in vertical movement and further realize the relevance of mobility in architectural design, using a case study-based approach.	L2 - Understand (Explain ideas or concepts)
CO3	To make students explore the infrastructural systems integrated in vertical movement and further realize the relevance of mobility in architectural design, using a case study-based approach.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	0	2	2	1	2	1	2	3	1.86
CO2	3	2	0	0	2	1	2	3	2.17
CO3	0	0	2	2	2	1	2	3	2.00
PO AVERAGE	3.00	2.00	2.00	1.50	2.00	1.00	2.00	3.00	
Conclusion and Resolution	The course explores different safety and mobility alternatives in design and attempts to resolve and represent the same through their drawings of design projects. The course aligns with the programme objectives at a moderate degree								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



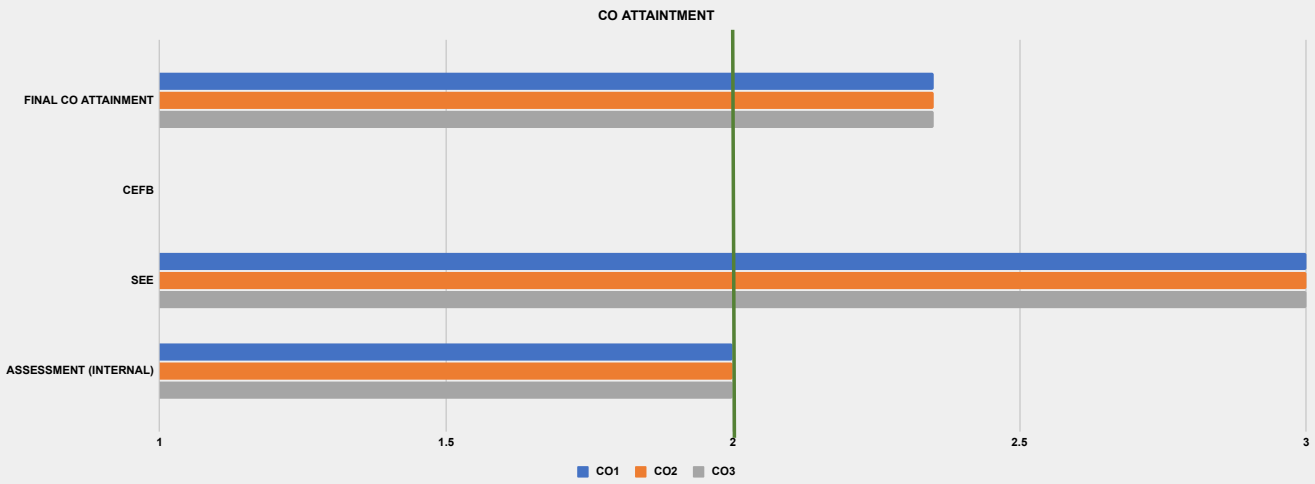
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	27
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	65	65	65	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	35	35	35	0	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.35	2.3	Yes	Achieved as planned
CO2	2	3	-	2.35	2.3	Yes	Achieved as planned
CO3	2	3	-	2.35	2.3	Yes	Achieved as planned



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 6							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Humanities 6							
COURSE CODE (AS PER MU)	BARC605							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**3**	**2**	**1**	**2**	**2**	**3**	**3**	**2**
CO2	**3**	**1**	**0**	**3**	**2**	**3**	**3**	**2**
CO3	**2**	**0**	**0**	**2**	**2**	**2**	**3**	**3**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	Students will be introduced to Mumbai's growth and transformation through a social-history perspective.			**2.50**				
CO2	Students will be provided a critical overview of the processes of urbanization, migration, industrialization			**2.40**	Contents of the lectures need to be further simpified			
CO3	Students will be introduced to Mumbai's regional planning practice, environment conservation, heritage conservation, and policies for public housing, infrastructure and services.			**2.50**				
Course-level PO Attainments								
PO1 Attainment			**2.46**		**PO5 Attainment**			**2.47**
PO2 Attainment			**2.47**		**PO6 Attainment**			**2.46**
PO3 Attainment			**2.50**		**PO7 Attainment**			**2.47**
PO4 Attainment			**2.46**		**PO8 Attainment**			**2.47**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 6
COURSE CODE (AS PER MU)	BARC605
FACULTY	Hussain Indorewala, Shweta Wagh
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

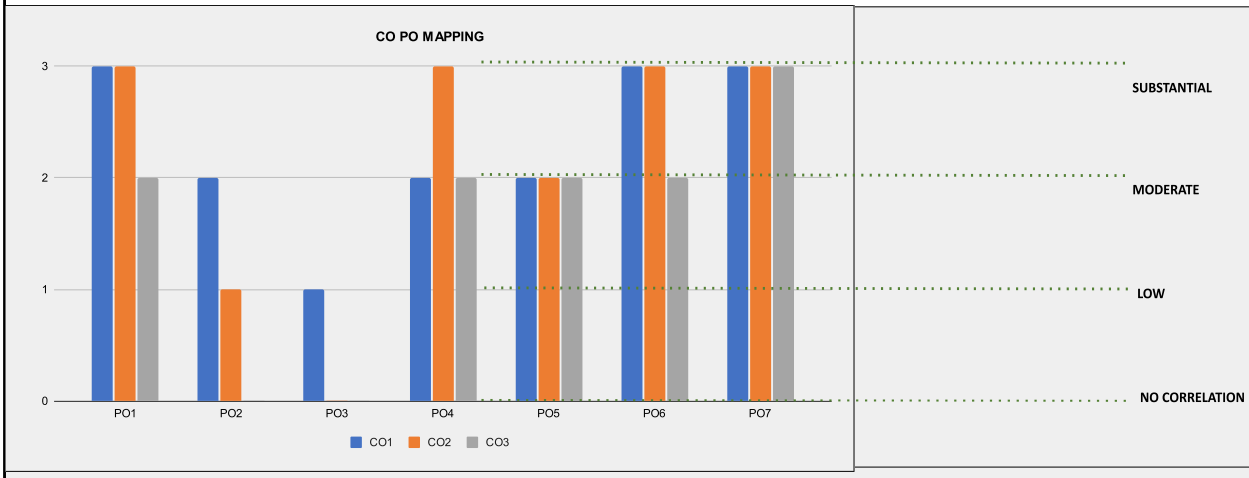
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will be introduced to Mumbai's growth and transformation through a social-history perspective.	L4 - Analyse (Draw connections among ideas)
CO2	Students will be provided a critical overview of the processes of urbanization, migration, industrialization	L2 - Understand (Explain ideas or concepts)
CO3	Students will be introduced to Mumbai's regional planning practice, environment conservation, heritage con	L1 - Remember (Recall facts and basic concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	1	2	2	3	3	2	2.25
CO2	3	1	0	3	2	3	3	2	2.43
CO3	2	0	0	2	2	2	3	3	2.33
PO AVERAGE	2.67	1.50	1.00	2.33	2.00	2.67	3.00	2.33	
Conclusion and Resolution	To improve CO average more application exercises need to be added								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



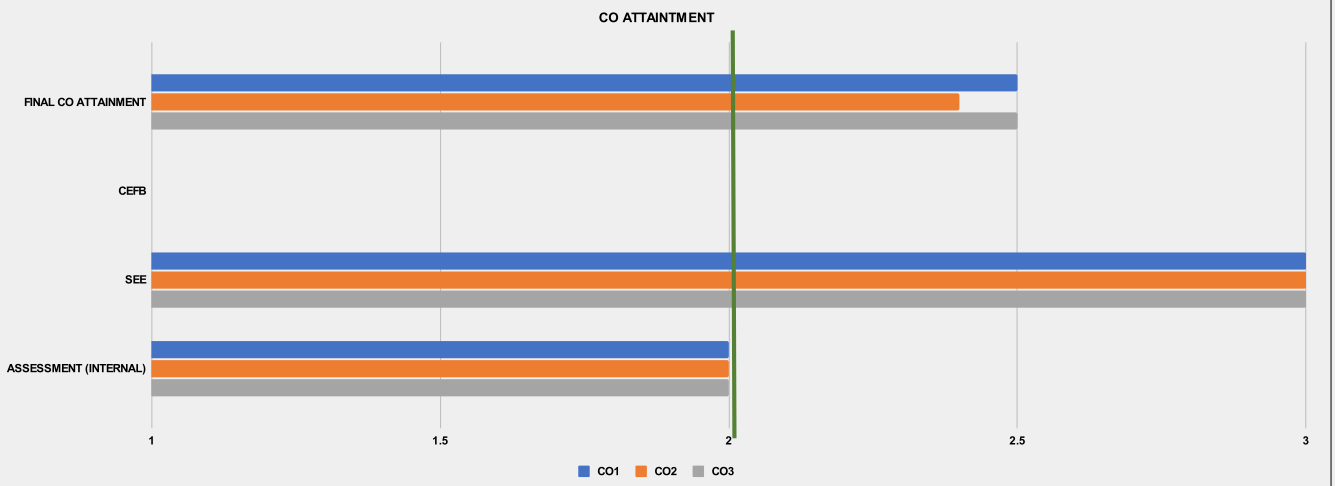
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	31

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	50	60	50	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	50	40	50	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.5	2.5	Yes	Contents of the lectures need to be further simpified
CO2	2	3	-	2.40	2.5	No	
CO3	2	3	-	2.50	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 6
COURSE CODE (AS PER MU)	BARC607

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	2	2	2	1	3	2
CO2	2	2	2	0	0	1	3	2
CO3	1	2	0	2	2	2	3	2
CO4	0	0	0	0	0	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	2.55	Targets Achieved
CO2	Students are enabled to choose the correct system from the wide array of structural, infrastructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.	2.40	More design based case study with focus on structural resolution to be shown in class
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	2.30	More exposure to material palette with different construction technique to be shared
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	2.70	Good drawings emerged but could aim higher in detailing.

Course-level PO Attainments

PO1 Attainment	2.44	**PO5 Attainment**	2.43
PO2 Attainment	2.39	**PO6 Attainment**	2.49
PO3 Attainment	2.48	**PO7 Attainment**	2.47
PO4 Attainment	2.43	**PO8 Attainment**	2.49

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 6
COURSE CODE (AS PER MU)	BARC607
FACULTY	Minal, Jimmy, Ainsley, Neeraj, Shantanu, Dharmesh, Kimaya
FACULTY INCHARGE	Minal.
TOTAL MARKS	200

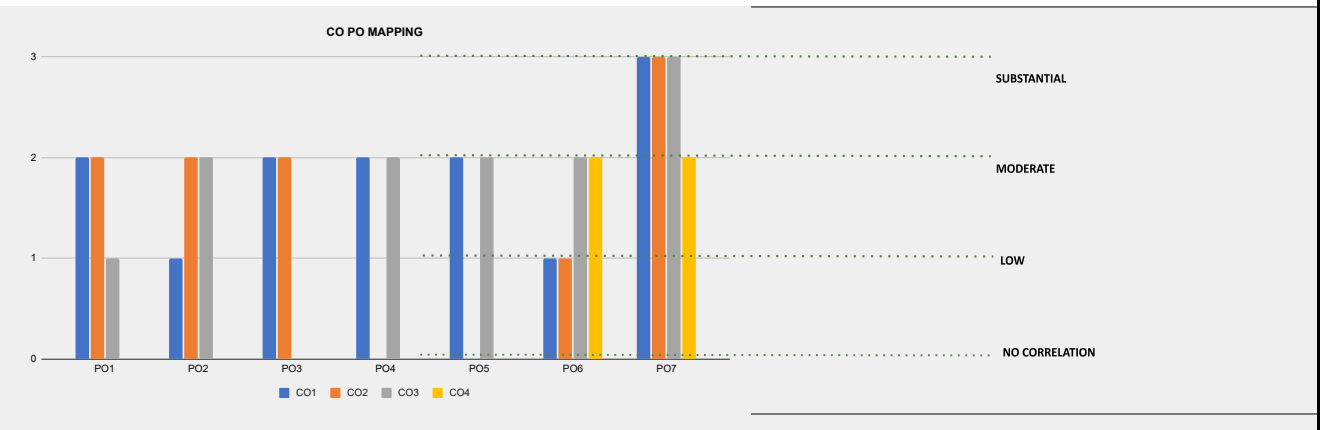
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	L2 - Understand (Explain ideas or concepts)
CO2	Students are enabled to choose the correct system from the wide array of structural, infrastructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.	L2 - Understand (Explain ideas or concepts)
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	L3 - Apply (Use information in new situations)
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	2	2	2	1	3	2	1.88
CO2	2	2	2	0	0	1	3	2	2.00
CO3	1	2	0	2	2	2	3	2	2.00
CO4	0	0	0	0	0	2	2	2	2.00
PO AVERAGE	1.67	1.67	2.00	2.00	2.00	1.50	2.75	2.00	
Conclusion and Resolution	The course is the extension of the design studio of the previous sem and resolves the design from structural, environmental, envelop and services system aspects. The CO of course more or less aligns with PO moderately.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	55
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	55

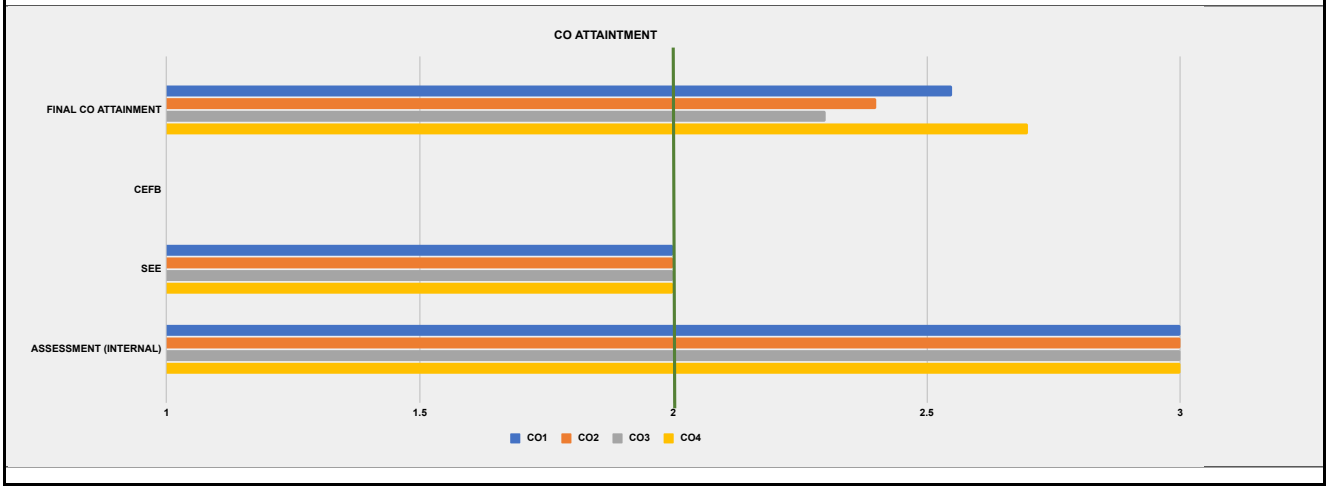
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	Targets Achieved
CO2	3	2	-	2.40	2.5	No	design based case study with focus on structural resolution to be shown in d
CO3	3	2	-	2.30	2.5	No	e exposure to material palette with different construction technique to be sha
CO4	3	2	-	2.70	2.5	Yes	Good drawings emerged but could aim higher in detailing.

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	Targets Achieved
CO2	3	2	-	2.40	2.5	No	design based case study with focus on structural resolution to be shown in d
CO3	3	2	-	2.30	2.5	No	e exposure to material palette with different construction technique to be sha
CO4	3	2	-	2.70	2.5	Yes	Good drawings emerged but could aim higher in detailing.



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 6
COURSE CODE (AS PER MU)	BARP620

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	0	0	2	0	2	3	1
CO2	3	0	0	2	0	2	3	1
CO3	3	2	3	1	0	3	3	3
CO4	1	0	3	3	1	3	2	3
CO5	1	0	2	3	2	1	2	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the relationship between spatial, temporal and intellectual contexts and architectural form	2.00	
CO2	Applying critical thinking skills to evolve analytical frameworks to read architecture and other cultural artefacts	2.00	
CO3	Understanding and analysing the built object to dissect architectural history through various spectrums of thoughts and responses.	2.00	The analysis was not very effective. Perhaps we need to meet with the students during the semester more often to help them articulate their arguments.
CO4	Understanding the ideas and concepts that have shaped architectural thinking	2.00	
CO5	Applying the learning from various references of literature, visual art or film, by placing the built object in conceptual, cultural and historical context	2.00	

Course-level PO Attainments

PO1 Attainment		**2.00**		**PO5 Attainment**	**2.00**
PO2 Attainment		**2.00**		**PO6 Attainment**	**2.00**
PO3 Attainment		**2.00**		**PO7 Attainment**	**2.00**
PO4 Attainment		**2.00**		**PO8 Attainment**	**2.00**

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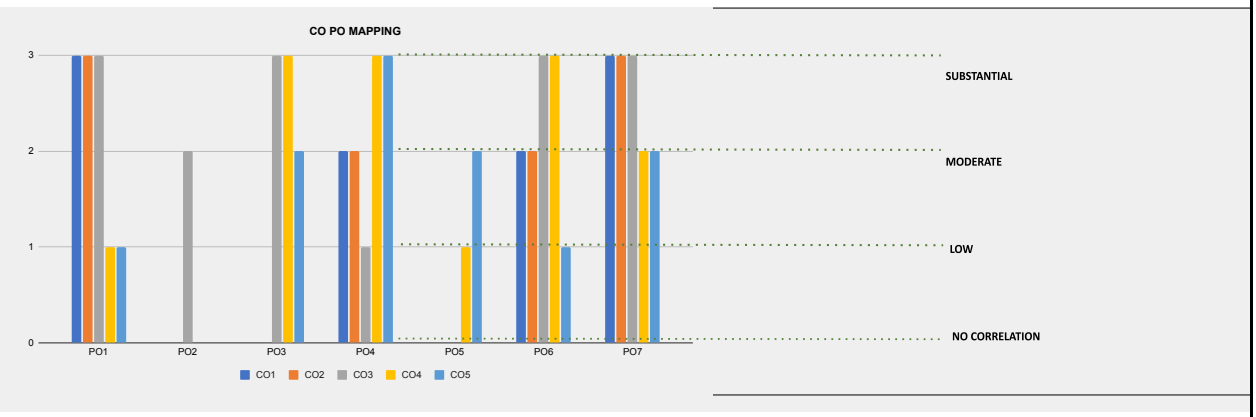
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 6
COURSE CODE (AS PER MU)	BARP620
FACULTY	Ginella George, Sanaeya Vandrewala, Rutika Parulkar, Rohan Shivkumar, Shirish Joshi, Karan Rane
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the relationship between spatial, temporal and intellectual contexts and architectural form	L2 - Understand (Explain ideas or concepts)
CO2	Applying critical thinking skills to evolve analytical frameworks to read architecture and other cultural artefacts	L3 - Apply (Use information in new situations)
CO3	Understanding and analysing the built object to dissect architectural history through various spectrums of thoughts and responses.	L2 - Understand (Explain ideas or concepts)
CO4	Understanding the ideas and concepts that have shaped architectural thinking	L2 - Understand (Explain ideas or concepts)
CO5	Applying the learning from various references of literature, visual art or film, by placing the built object in conceptual, cultural and historical context	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES									
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	0	0	2	0	2	3	1	2.20
CO2	3	0	0	2	0	2	3	1	2.20
CO3	3	2	3	1	0	3	3	3	2.57
CO4	1	0	3	3	1	3	2	3	2.29
CO5	1	0	2	3	2	1	2	1	1.71
PO AVERAGE	2.20	2.00	2.67	2.20	1.50	2.20	2.60	2.00	
Conclusion and Resolution	The course achieves a moderate resolution.								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

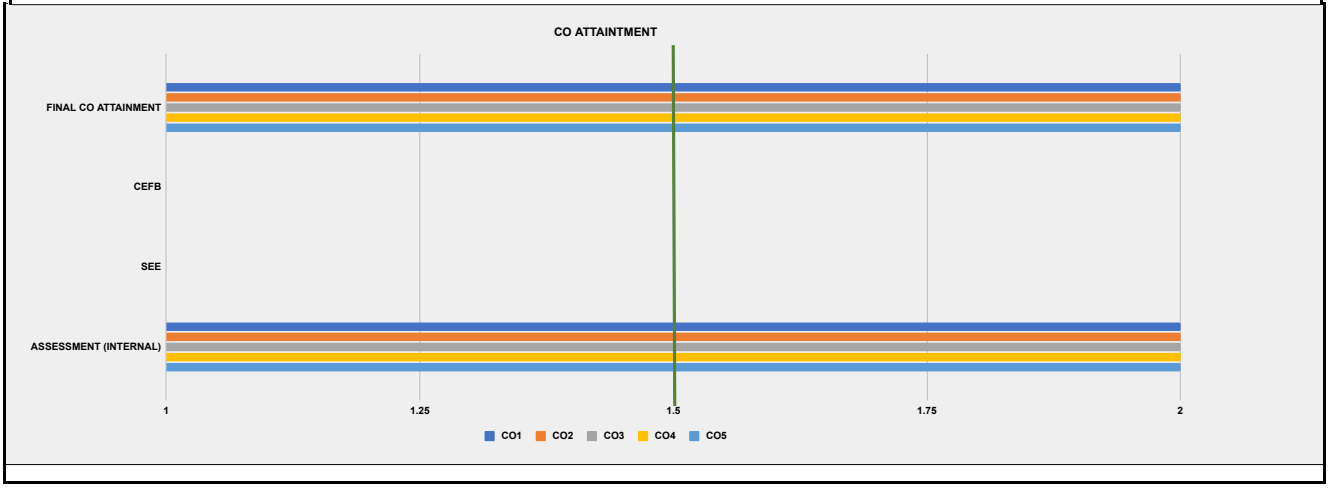


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	The analysis was not very effective. Perhaps we need to meet with the students during the semester more often to help them articulate their arguments.
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.5	No	
CO4	2	-		2.00		Yes	
CO5	2	-		2.00		Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2	Yes	The analysis was not very effective. Perhaps we need to meet with the students during the semester more often to help them articulate their arguments.
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.5	No	
CO4	2	-		2.00		Yes	
CO5	2	-		2.00		Yes	



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Fourth Year

Fourth Year Report

2021-22. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.74**	The improvement in attainment value is evidence of the fact that the theorizing component of our professional practice course is working out.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.74**	The architectural design studio continues to work towards achieving this parameter. The improvement of attainment value in this parameter is an evidence of that.
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.73**	The same architectural design studio, while focusing on the individual and his/her subjectivities of navigating his/her own neighbourhood, also focused on addressing the dualities of the abstract and the concrete, through an urban-scale architectural design proposition. The improvement in attainment value demonstrates the fact that our approach in the architectural design studio has worked for this parameter.
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.75**	The neighbourhood studio in its second year, clearly worked towards evolving empathy and understanding of cultures outside the comfort zones of students. The change in the attainment value is an evidence of this.
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.75**	Group exercises across various subjects, for over the last three years, have worked towards improving this parameter. The attainment value proves that.
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.75**	The improvement in this aspect also proves that the neighbourhood studio has worked successfully towards achieving this goal.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.74**	The architectural design studio continues to work towards achieving this parameter. Improved score in this parameter is also a strong indicator of the fact that the course has worked from this perspective.
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.74**	The professional practice course, with its focus on the role of the architect and the larger role of the profession, has shown imagined outcomes across the last four to five years. The attainment score proves that.

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Semester 7

PROGRAM	FOURTH YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)							
COURSE NAME (AS PER MU)	Architectural Design Studio 7							
COURSE CODE (AS PER MU)	BARC701							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	3	3	2	2
CO2	3	3	3	2	3	3	2	2
CO3	3	3	3	2	2	2	3	1
CO4	3	3	3	2	1	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To expose students to complex urban conditions which act as determinants to their design proposition.	3.00	
CO2	To train students in studying, analyzing, and factoring-in the complexities of the city, which informs design development.	3.00	
CO3	To train students in building a nuanced design proposition for a mixed-use project, with a strong housing component.	3.00	
CO4	To train students in executing a well-developed design proposition – with drawings, models, and an informed position.	3.00	

Course-level PO Attainments

PO1 Attainment			3.00		**PO5 Attainment**			3.00
PO2 Attainment			3.00		**PO6 Attainment**			3.00
PO3 Attainment			3.00		**PO7 Attainment**			3.00
PO4 Attainment			3.00		**PO8 Attainment**			3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 7
COURSE CODE (AS PER MU)	BARC701
FACULTY	Shirish, Sandeep, Karan, Arijit, Lubaina, Deepti, Sagar
FACULTY INCHARGE	Karan
TOTAL MARKS	200

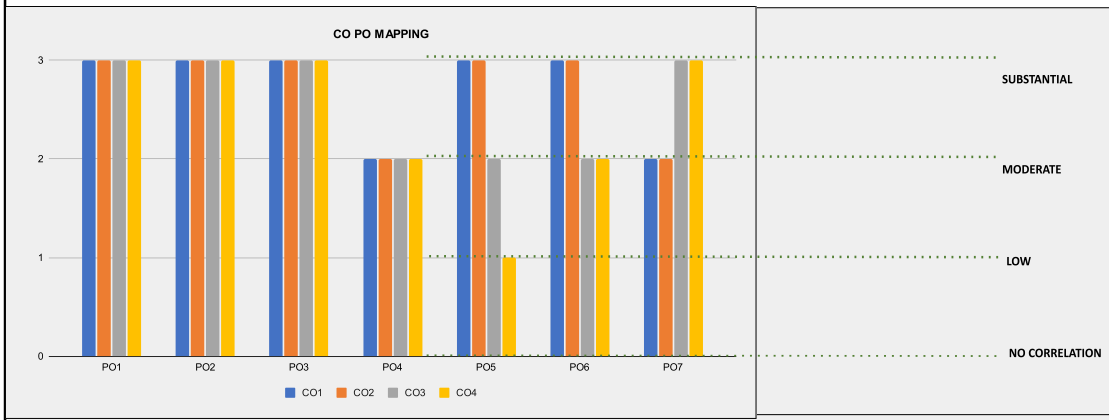
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To expose students to complex urban conditions which act as determinants to their design proposition.	L2 - Understand (Explain ideas or concepts)
CO2	To train students in studying, analyzing, and factoring-in the complexities of the city, which informs design development.	L4 - Analyse (Draw connections among ideas)
CO3	To train students in building a nuanced design proposition for a mixed-use project, with a strong housing component.	L3 - Apply (Use information in new situations)
CO4	To train students in executing a well-developed design proposition – with drawings, models, and an informed position.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	2	3	3	2	2	2.63
CO2	3	3	3	2	3	3	2	2	2.63
CO3	3	3	3	2	2	2	3	1	2.38
CO4	3	3	3	2	1	2	3	1	2.25
PO AVERAGE	3.00	3.00	3.00	2.00	2.25	2.50	2.50	1.50	
Conclusion and Resolution	Higher emphasis on the propositional (create component) will help glose the gaps between the COs and the POs.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

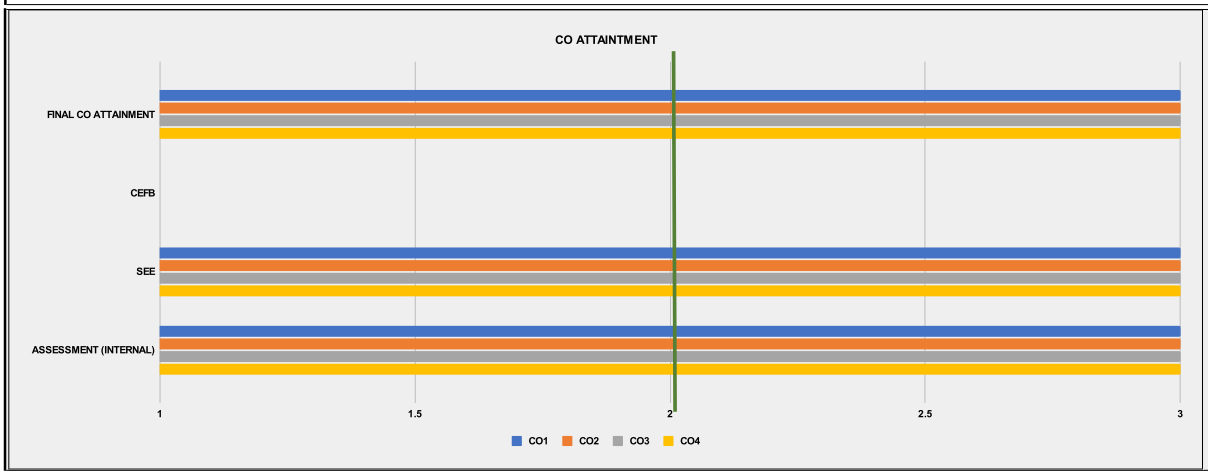
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	60	50	50	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	40	50	50	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	3	-	3	2.5	Yes	
CO2	3	3	-	3.00	2.5	Yes	
CO3	3	3	-	3.00	2.6	Yes	
CO4	3	3	-	3.00	2.6	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	3	-	3	2.5	Yes	
CO2	3	3	-	3.00	2.5	Yes	
CO3	3	3	-	3.00	2.6	Yes	
CO4	3	3	-	3.00	2.6	Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design 7
COURSE CODE (AS PER MU)	BARC702

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	3	3	2	2
CO2	3	3	3	2	3	3	2	2
CO3	3	3	3	2	2	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Conceptual and analytical approaches and tools towards understanding urban systems.	3.00	
CO2	Representation as a critical and analytical tool.	3.00	
CO3	Introduction to and remember urban design tools, and methods.	3.00	

Course-level PO Attainments

PO1 Attainment	3.00	PO5 Attainment	3.00
PO2 Attainment	3.00	PO6 Attainment	3.00
PO3 Attainment	3.00	PO7 Attainment	3.00
PO4 Attainment	3.00	PO8 Attainment	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design 7
COURSE CODE (AS PER MU)	BARC702
FACULTY	Paul, Aditya, Sandeep, Shirish, Ketaki, Arjit
FACULTY INCHARGE	Paul
TOTAL MARKS	100

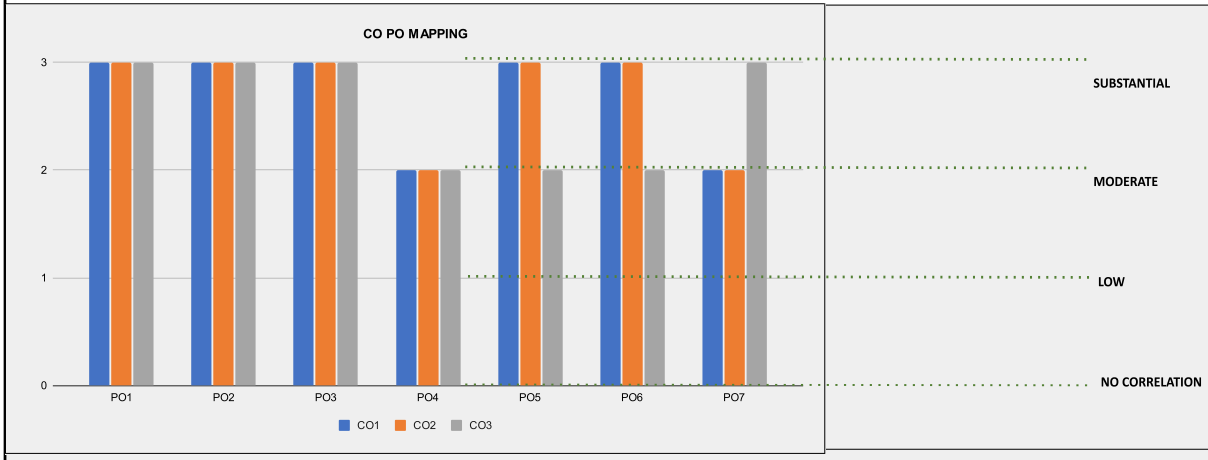
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Conceptual and analytical approaches and tools towards understanding urban systems.	L2 - Understand (Explain ideas or concepts)
CO2	Representation as a critical and analytical tool.	L4 - Analyse (Draw connections among ideas)
CO3	Introduction to and remember urban design tools, and methods.	L1 - Remember (Recall facts and basic concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	2	3	3	2	2	2.63
CO2	3	3	3	2	3	3	2	2	2.63
CO3	3	3	3	2	2	2	3	1	2.38
PO AVERAGE	3.00	3.00	3.00	2.00	2.67	2.67	2.33	1.67	
Conclusion and Resolution	Trial text								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

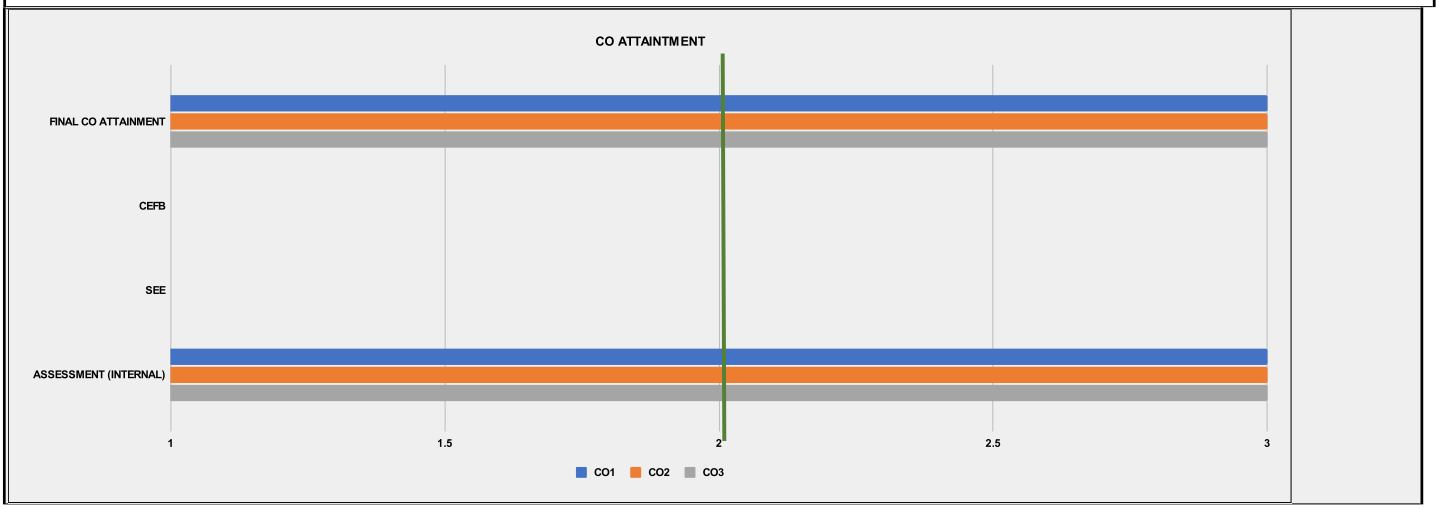
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00		Yes	
CO2	3	-		3.00		Yes	
CO3	3	-		3.00		Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00		Yes	
CO2	3	-		3.00		Yes	
CO3	3	-		3.00		Yes	



PROGRAM	FOURTH YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)							
COURSE NAME (AS PER MU)	Architectural Building Construction 7							
COURSE CODE (AS PER MU)	BARC 703							

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	1	0	3	3	3
CO2	2	2	2	0	3	2	2	1
CO3	2	2	2	1	3	2	2	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand concepts of deep foundations, high rises and be able to apply them.	3.00	
CO2	To analyze critical concerns in high rise related to seismic, wind pressures and be able to design in accordance	3.00	
CO3	To evaluate a building in terms of its technological advancements	3.00	

Course-level PO Attainments

PO1 Attainment			3.00		**PO5 Attainment**			3.00
PO2 Attainment			3.00		**PO6 Attainment**			3.00
PO3 Attainment			3.00		**PO7 Attainment**			3.00
PO4 Attainment			3.00		**PO8 Attainment**			3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 7
COURSE CODE (AS PER MU)	BARC 703
FACULTY	Kimaya, Vikram
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

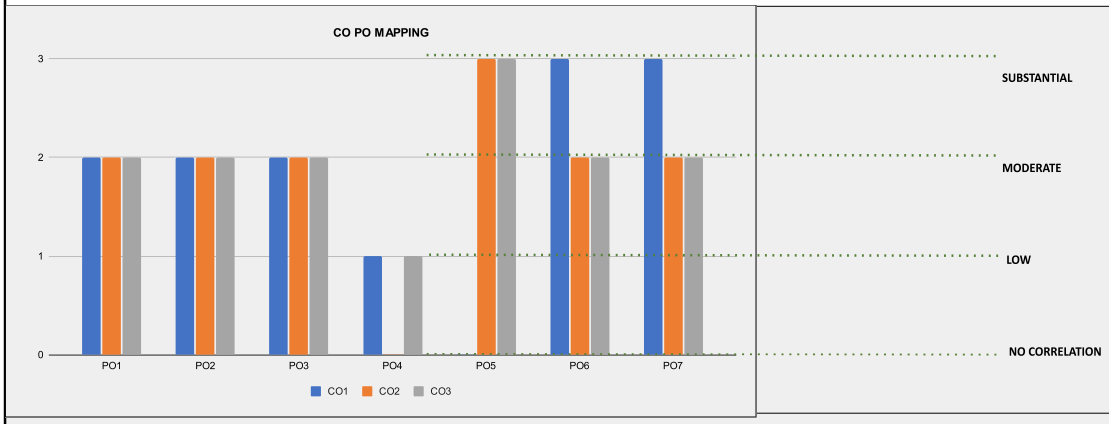
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand concepts of deep foundations, high rises and be able to apply them.	L2 - Understand (Explain ideas or concepts)
CO2	To analyze critical concerns in high rise related to seismic, wind pressures and be able to design in accordance	L4 - Analyse (Draw connections among ideas)
CO3	To evaluate a building in terms of its technological advancements	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	2	1	0	3	3	3	2.29
CO2	2	2	2	0	3	2	2	1	2.00
CO3	2	2	2	1	3	2	2	1	1.88
PO AVERAGE	2.00	2.00	2.00	1.00	3.00	2.33	2.33	1.67	
Conclusion and Resolution	Achieved as planned, Course can be simplified								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	26
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32

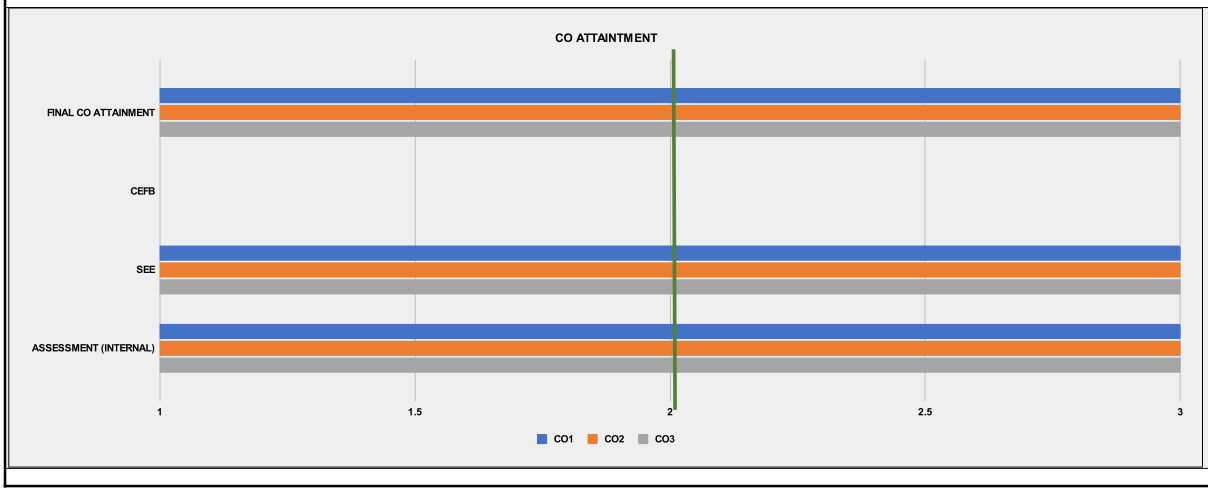
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	50			ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	50			
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	3		3	2	Yes	
CO2	3	3		3	2	Yes	
CO3	3	3		3	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	3		3	2	Yes	
CO2	3	3		3	2	Yes	
CO3	3	3		3	2	Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 7
COURSE CODE (AS PER MU)	BARC704

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	1	0	1	2	1	0
CO2	1	2	2	3	2	2	2	2
CO3	0	2	3	1	1	3	2	1
CO4	2	0	1	3	2	0	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	In-depth understanding of the design and analysis of retaining walls, pile foundations and types of footings in the structural system	2.00	
CO2	Introduction to tall structures. Theory and principles of structural design involve in designing high-rise buildings with an emphasis on wind forces and earthquake resistant mechanism	2.00	Medium of teaching can be more interactive (hands on exercise, designing structural system for complex forms, case examples) and practical for better clarity of the course application
CO3	Introduction to retaining walls and basement walls and various types of footings used in structural system. Design and analysis through solving simple numerical	2.00	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.00	
CO5		2.00	

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**2.00**
PO2 Attainment	**2.00**	**PO6 Attainment**	**2.00**
PO3 Attainment	**2.00**	**PO7 Attainment**	**2.00**
PO4 Attainment	**2.00**	**PO8 Attainment**	**2.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 7
COURSE CODE (AS PER MU)	BARC704
FACULTY	Kumaraguru
FACULTY INCHARGE	Kumaraguru
TOTAL MARKS	100

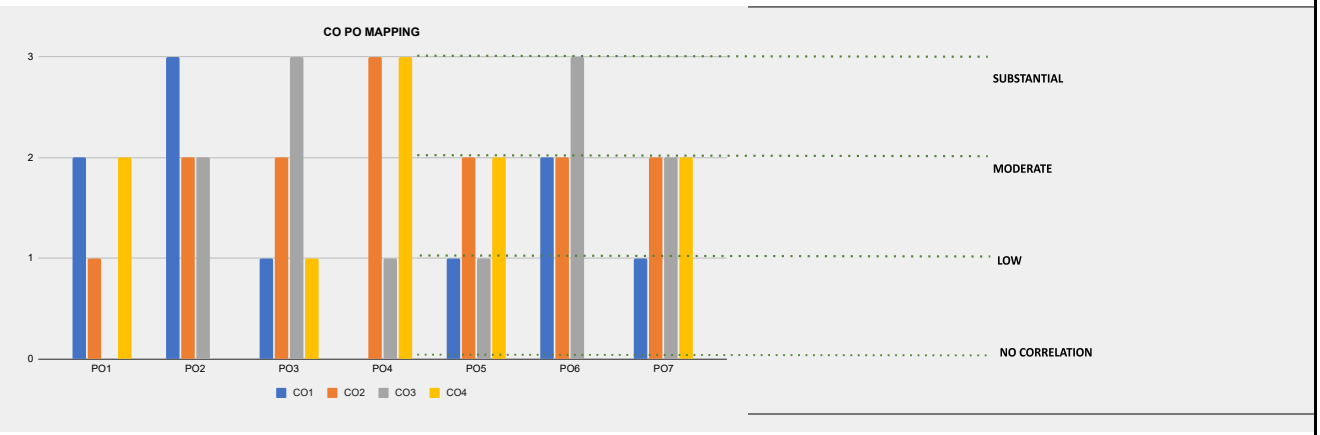
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	In-depth understanding of the design and analysis of retaining walls, pile foundations and types of footings in the structural system	L2 - Understand (Explain ideas or concepts)
CO2	Introduction to tall structures. Theory and principles of structural design involve in designing high-rise buildings with an emphasis on wind forces and earthquake resistant mechanism	L2 - Understand (Explain ideas or concepts)
CO3	Introduction to retaining walls and basement walls and various types of footings used in structural system. Design and analysis through solving simple numerical	L3 - Apply (Use information in new situations)
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	1	0	1	2	1	0	1.67
CO2	1	2	2	3	2	2	2	2	2.00
CO3	0	2	3	1	1	3	2	1	1.86
CO4	2	0	1	3	2	0	2	3	2.17
PO AVERAGE	1.67	2.33	1.75	2.33	1.50	2.33	1.75	2.00	
Conclusion and Resolution	An intuitive understanding of structural systems for designing high rise buildings and the required technical knowledge for its application in profession								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

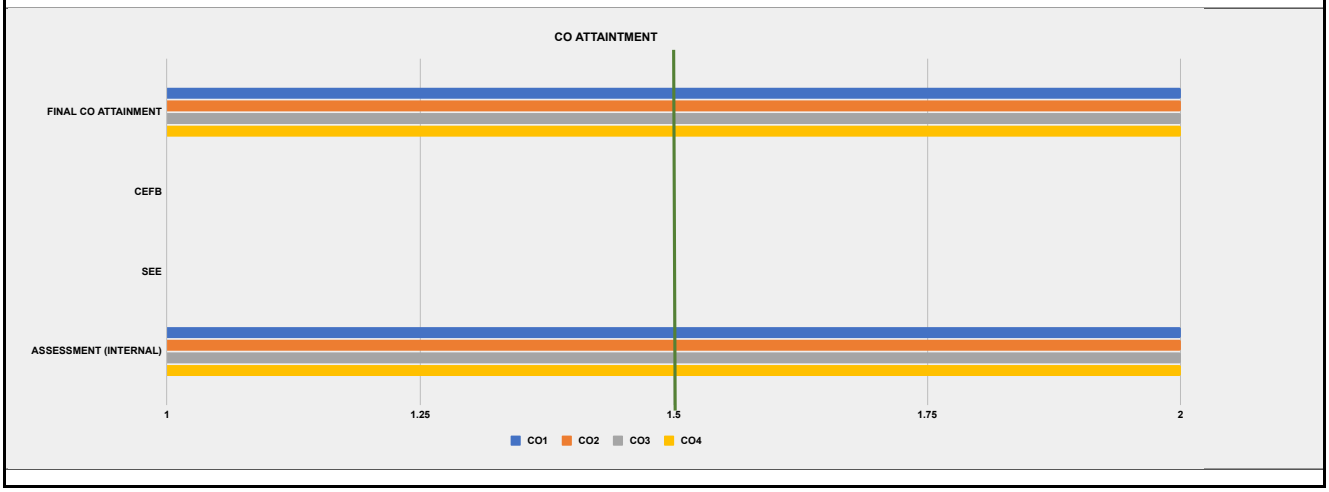
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100		ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	2.5	No	Medium of teaching can be more interactive (hands on exercise, designing structural system for complex forms, case examples) and practical for better clarity of the course application
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2	Yes	Medium of teaching can be more interactive (hands on exercise, designing structural system for complex forms, case examples) and practical for better clarity of the course application
CO2	2	-		2.00	2.5	No	
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 5
COURSE CODE (AS PER MU)	BARC708

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	1	0	1	3	3
CO2	0	0	0	0	2	1	3	3
CO3	2	2	2	0	2	1	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to understand the importance of thermal comfort and arrive at solutions by applying passive strategies.	2.65	Achieved as planned
CO2	To enable students to understand components and workability of various HVAC systems within a building and capability to choose right systems	2.65	Achieved as planned
CO3	To make students explore the integration of various infrastructural systems in high rises or large complex buildings and realize the relevance of services in architectural design, using a case study-based approach.	2.65	Achieved as planned

Course-level PO Attainments

PO1 Attainment	2.65	**PO5 Attainment**	2.65
PO2 Attainment	2.65	**PO6 Attainment**	2.65
PO3 Attainment	2.65	**PO7 Attainment**	2.65
PO4 Attainment	2.65	**PO8 Attainment**	2.65

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Services 5
COURSE CODE (AS PER MU)	BARC708
FACULTY	Minal, Swati
FACULTY INCHARGE	Minal
TOTAL MARKS	100

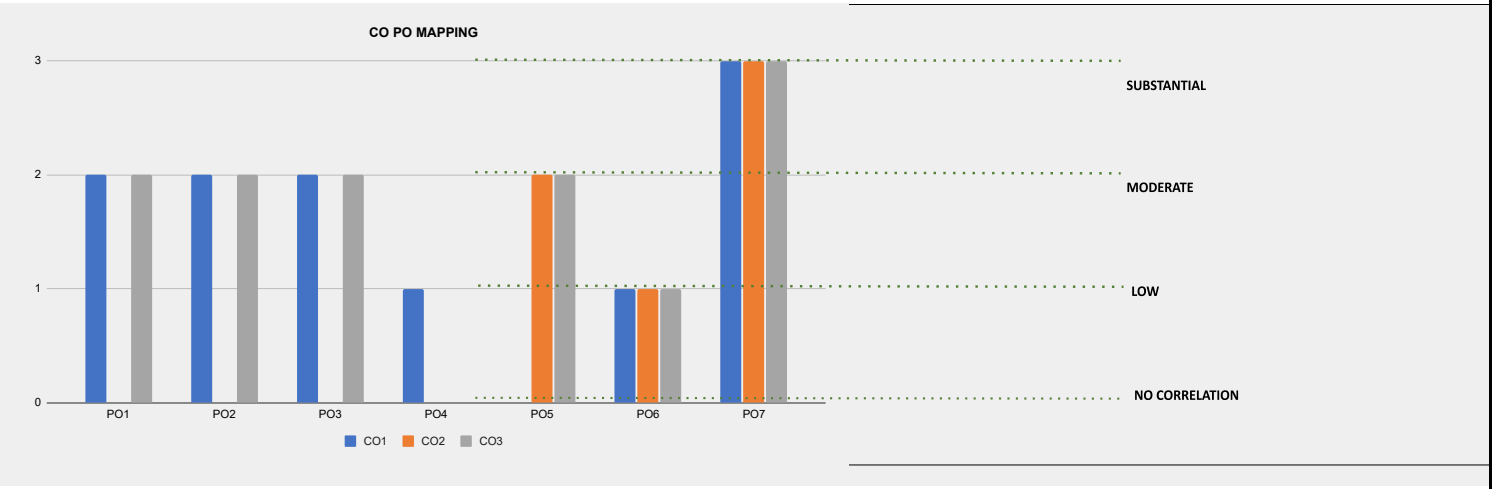
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the importance of thermal comfort and arrive at solutions by applying passive strategies.	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to understand components and workability of various HVAC systems within a building and capability to choose right systems	L2 - Understand (Explain ideas or concepts)
CO3	To make students explore the integration of various infrastructural systems in high rises or large complex buildings and realize the relevance of services in architectural design, using a case study-based approach.	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	2	1	0	1	3	3	2.00
CO2	0	0	0	0	2	1	3	3	2.25
CO3	2	2	2	0	2	1	3	3	2.14
PO AVERAGE	2.00	2.00	2.00	1.00	2.00	1.00	3.00	3.00	
Conclusion and Resolution	The course enables an intuitive understanding of services systems for functioning of high rise/complex buildings and the required technical knowledge for its application in profession. The course aligns with the programme objectives at a moderate degree.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



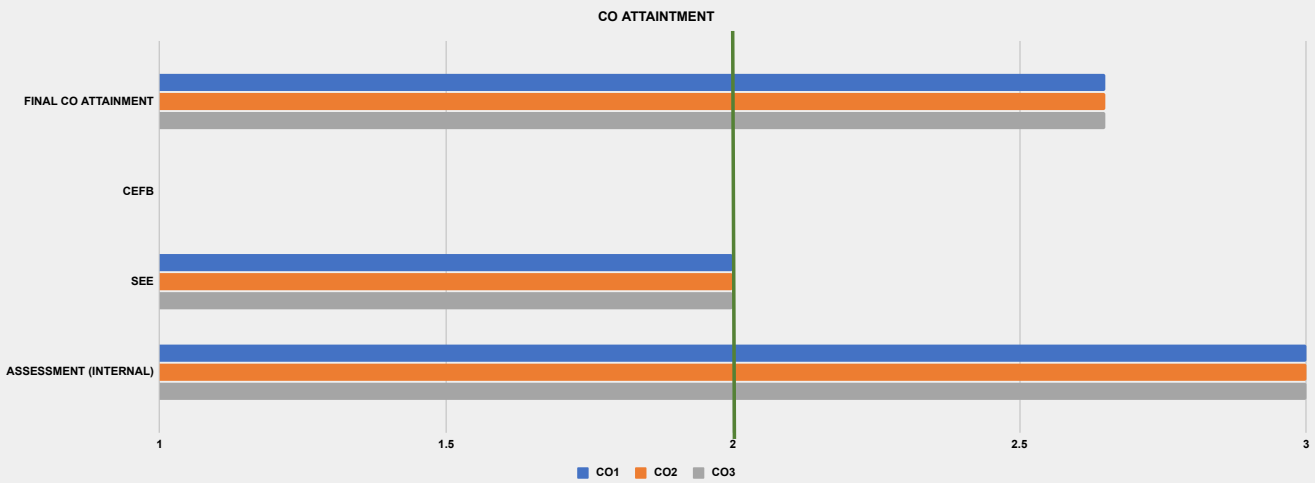
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	65	65	65	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	35	35	35	0	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2		2.65	2.5	Yes	Achieved as planned
CO2	3	2		2.65	2.5	Yes	Achieved as planned
CO3	3	2		2.65	2.5	Yes	Achieved as planned



PROGRAM	FOURTH YEAR B-ARCH							
ACADEMIC YEAR	2021-2022							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)							
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 7							
COURSE CODE (AS PER MU)	BARC702							
COPO Mapping								
CO. No	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO1	**2**	**2**	**2**	**1**	**0**	**3**	**3**	**3**
CO2	**2**	**2**	**2**	**0**	**3**	**2**	**2**	**1**
CO3	**2**	**2**	**2**	**1**	**3**	**2**	**2**	**1**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	To understand bye laws and their application			**3.00**				
CO2	To analyze critical concerns, loopholes and design in accordance			**3.00**				
CO3	To create approval drawings in accordance with studios.			**3.00**				
Course-level PO Attainments								
PO1 Attainment			**3.00**		**PO5 Attainment**			**3.00**
PO2 Attainment			**3.00**		**PO6 Attainment**			**3.00**
PO3 Attainment			**3.00**		**PO7 Attainment**			**3.00**
PO4 Attainment			**3.00**		**PO8 Attainment**			**3.00**

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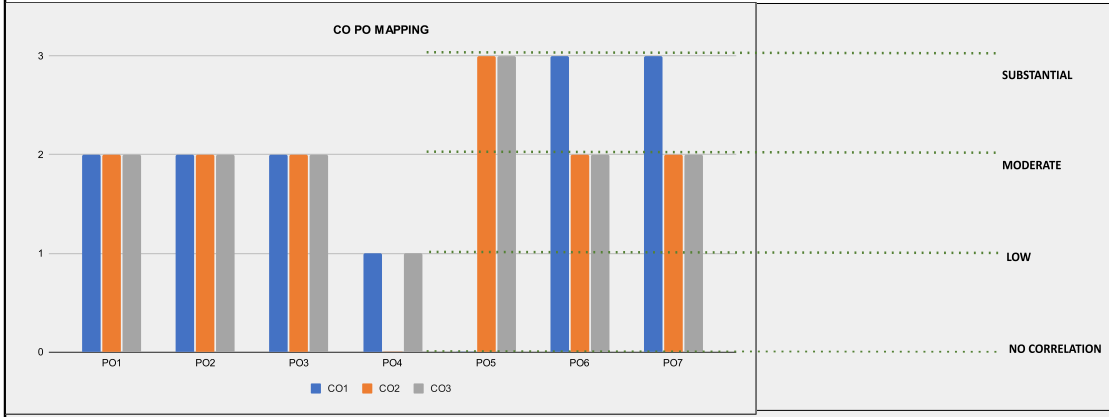
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 7
COURSE CODE (AS PER MU)	BARC702
FACULTY	Kimaya, Dyanesh, Vikram, Shrey, Devesh, Raj
FACULTY INCHARGE	Kimaya
TOTAL MARKS	200

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand bye laws and their application	L2 - Understand (Explain ideas or concepts)
CO2	To analyze critical concerns, loopholes and design in accordance	L4 - Analyse (Draw connections among ideas)
CO3	To create approval drawings in accordance with studios.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	2	1	0	3	3	3	2.29
CO2	2	2	2	0	3	2	2	1	2.00
CO3	2	2	2	1	3	2	2	1	1.88
PO AVERAGE	2.00	2.00	2.00	1.00	3.00	2.33	2.33	1.67	
Conclusion and Resolution	The correlation between POs and COs is in the medium range. It will become substantial with more emphasis on propositional stage (create component).								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



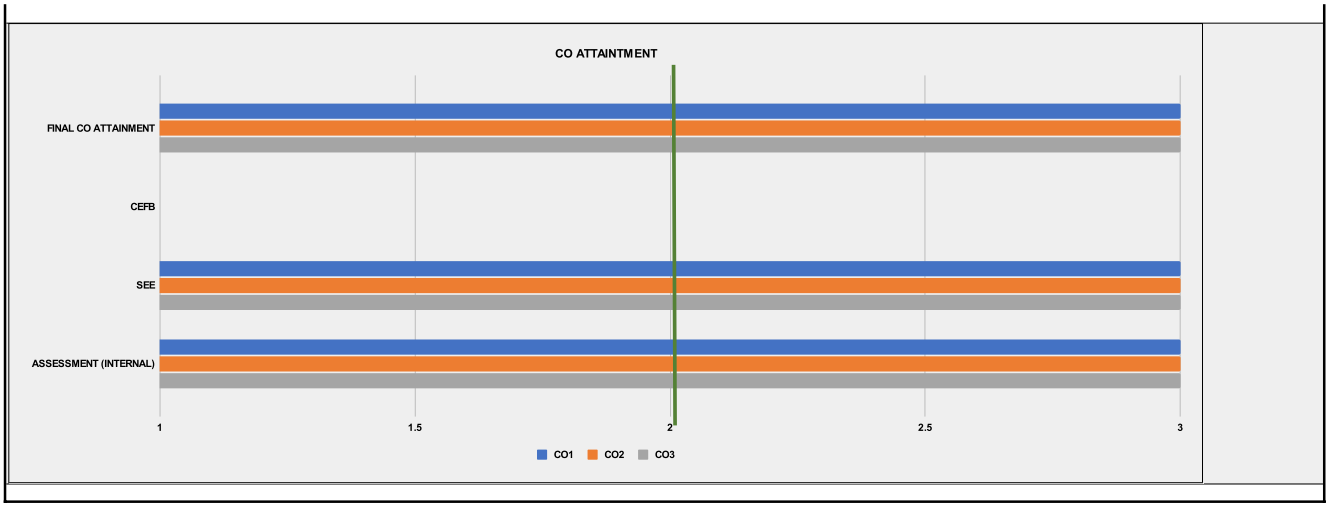
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	58

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	60	50	50	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	40	50	50	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	3	-	3	2.5	Yes	
CO2	3	3	-	3.00	2.6	Yes	
CO3	3	3	-	3.00	2.4	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	3	-	3	2.5	Yes	
CO2	3	3	-	3.00	2.6	Yes	
CO3	3	3	-	3.00	2.4	Yes	



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PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 1
COURSE CODE (AS PER MU)	BARC710

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	1	3	3	2	2	3
CO2	3	1	1	3	3	2	2	3
CO3	1	1	1	1	3	3	3	3
CO4	2	1	1	3	2	2	3	2
CO5	1	1	1	3	3	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand the idea of practice by deconstructing contemporary practices how can they be conceptualized and executed differently from mainstream practices	2.55	Need to understand how to situate themselves in the contemporary realm of practice
CO2	To evaluate the consequence of myriad influences on practices to frame their ideological positions	2.55	
CO3	To analyse various forms in which architecture practices can be manifested to contribute to the society at large	2.55	
CO4	Preparing Students to understand the Making of Modern Indian Architecture through its own history and the history of modern architecture around the world.	2.55	
CO5	Preparing students to make critical analyses and understand complex questions of Nation, Identity and History.	2.55	

Course-level PO Attainments

PO1 Attainment	**2.55**	**PO5 Attainment**	**2.55**
PO2 Attainment	**2.55**	**PO6 Attainment**	**2.55**
PO3 Attainment	**2.55**	**PO7 Attainment**	**2.55**
PO4 Attainment	**2.55**	**PO8 Attainment**	**2.55**

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USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 1
COURSE CODE (AS PER MU)	BARC710
FACULTY	Mamta, Shantanu / Nemish, Rutika
FACULTY INCHARGE	Mamta / Nemish
TOTAL MARKS	100

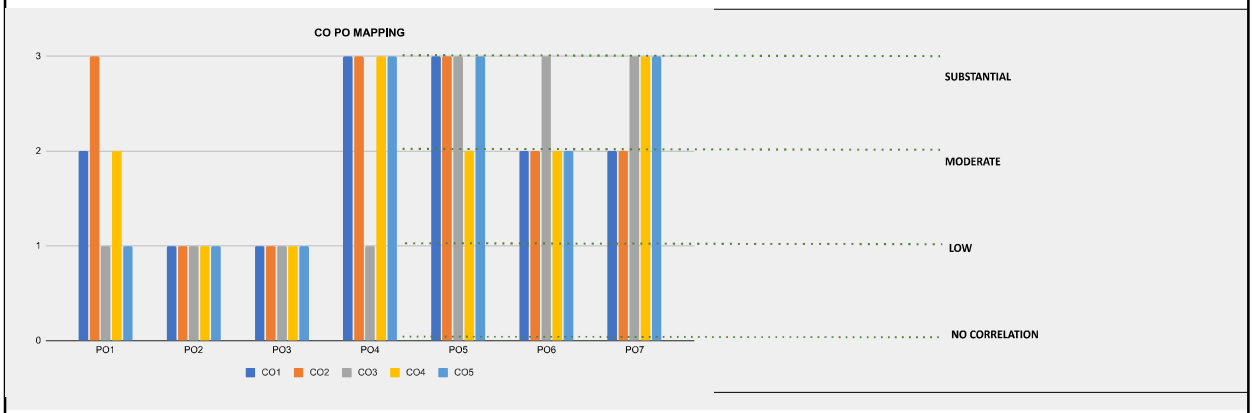
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the idea of practice by deconstructing contemporary practices how can they be conceptualized and executed differently from mainstream practices	L2 - Understand (Explain ideas or concepts)
CO2	To evaluate the consequence of myriad influences on practices to frame their ideological positions	L5 - Evaluate (Justify a stand or decision)
CO3	To analyse various forms in which architecture practices can be manifested to contribute to the society at large	L4 - Analyse (Draw connections among ideas)
CO4	Preparing Students to understand the Making of Modern Indian Architecture through its own history and the history of modern architecture around the world.	L2 - Understand (Explain ideas or concepts)
CO5	Preparing students to make critical analyses and understand complex questions of Nation, Identity and History.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	1	3	3	2	2	3	2.13
CO2	3	1	1	3	3	2	2	3	2.25
CO3	1	1	1	1	3	3	3	3	2.00
CO4	2	1	1	3	2	2	3	2	2.00
CO5	1	1	1	3	3	2	3	1	1.88
PO AVERAGE	1.80	1.00	1.00	2.60	2.80	2.20	2.60	2.75	
Conclusion and Resolution	The course addresses the student need to understand current practices in architecture as well as understand the history of modern Indian Architecture in relationship to its larger history. This shows that the professional practice course conducted was able to align with the course objectives set. They were moderately equipped to explore the legal and technical frameworks of modes of contemporary practices and understand the ethical positions taken by them.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	38
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	33

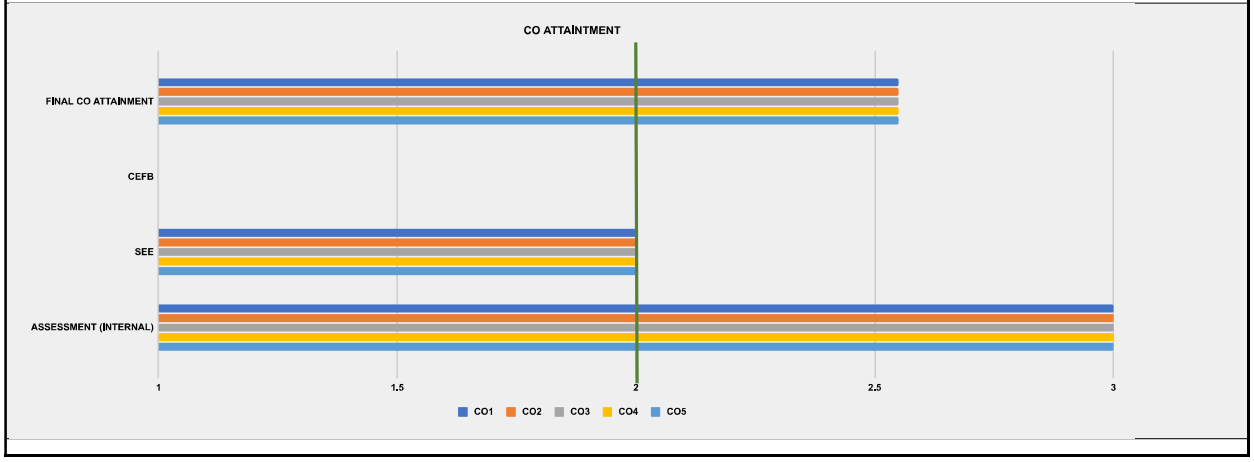
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2		2.55	3	No	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	2		2.55	2.5	Yes	
CO3	3	2		2.55	2.5	Yes	
CO4	3	2		2.55	2.5	Yes	
CO5	3	2		2.55	2.5	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2		2.55	3	No	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	2		2.55	2.5	Yes	
CO3	3	2		2.55	2.5	Yes	
CO4	3	2		2.55	2.5	Yes	
CO5	3	2		2.55	2.5	Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 7
COURSE CODE (AS PER MU)	BARP720

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	0	1	2	0	3	3	0
CO2	2	1	1	1	1	1	1	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding methods of conducting research	2.00	
CO2	Analyzing and critiquing arguments	2.00	

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**2.00**
PO2 Attainment	**2.00**	**PO6 Attainment**	**2.00**
PO3 Attainment	**2.00**	**PO7 Attainment**	**2.00**
PO4 Attainment	**2.00**	**PO8 Attainment**	**2.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 7
COURSE CODE (AS PER MU)	BARP720
FACULTY	Hussain, Shweta
FACULTY INCHARGE	Hussain
TOTAL MARKS	100

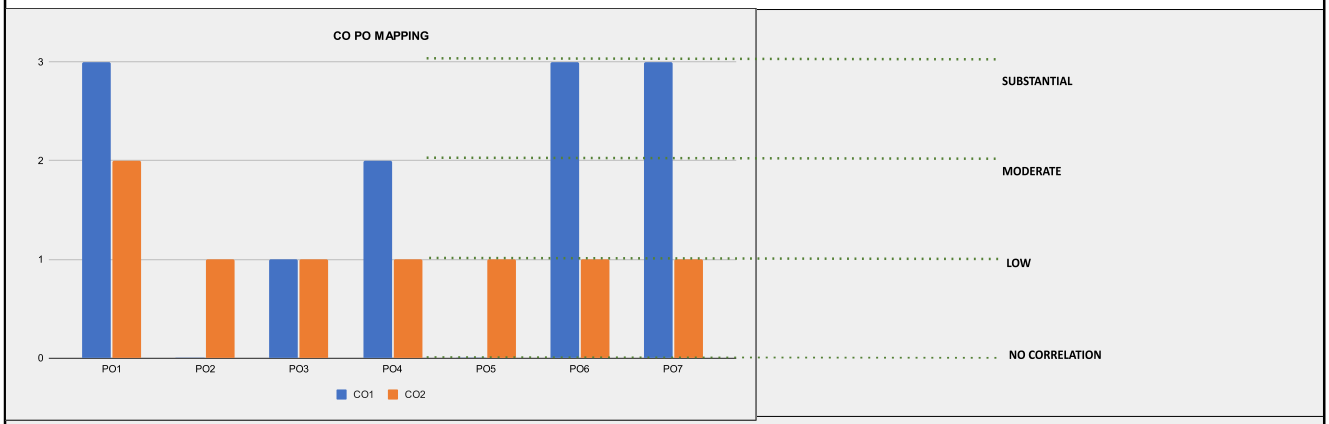
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding methods of conducting research	L2 - Understand (Explain ideas or concepts)
CO2	Analyzing and critiquing arguments	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	0	1	2	0	3	3	0	2.40
CO2	2	1	1	1	1	1	1	1	1.13
PO AVERAGE	2.50	1.00	1.00	1.50	1.00	2.00	2.00	1.00	
Conclusion and Resolution	The students are able to organise facts and ideas based on individual experiences for ongoing research and for future use								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	75

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	60	0	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	2	Yes	

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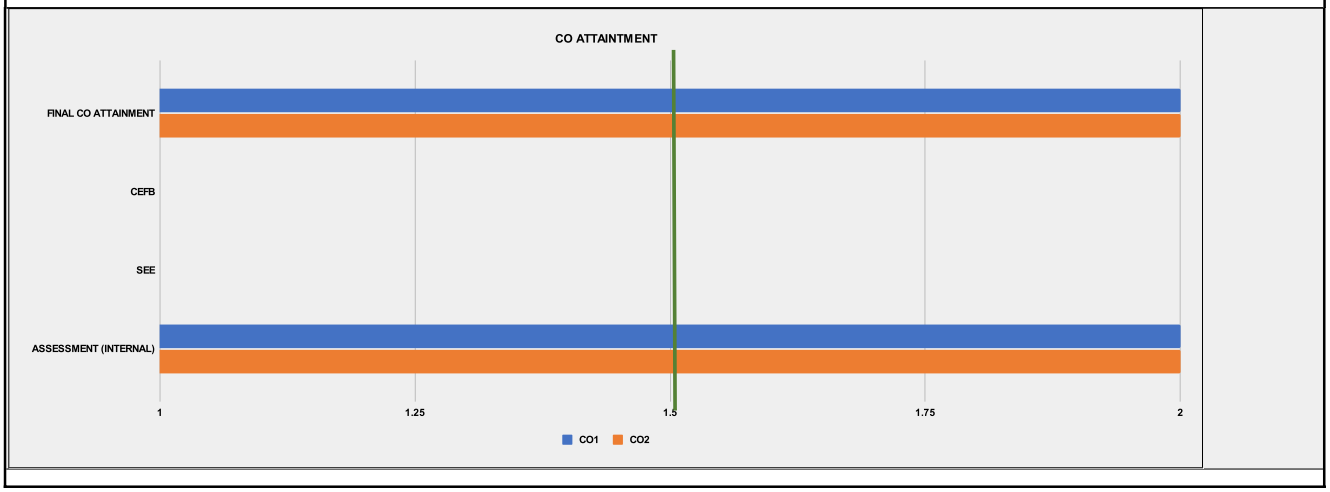
COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	
CO2	2	-		2.00	2	Yes	



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Semester 8

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 8
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Training
COURSE CODE (AS PER MU)	BARC T 811

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	3	2	2	3
CO2	3	3	3	3	3	2	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding legal, technical and ethical frameworks of modes of conducting practices	1.35	Need to develop better understanding of technical frameworks of modes of practice
CO2	Evaluating internship experiences to develop ideological positions for situating ones future course	1.35	Need to develop better understanding of ethical frameworks of modes of practice

Course-level PO Attainments

PO1 Attainment	1.35	PO5 Attainment	1.35
PO2 Attainment	1.35	PO6 Attainment	1.35
PO3 Attainment	1.35	PO7 Attainment	1.35
PO4 Attainment	1.35	PO8 Attainment	1.35

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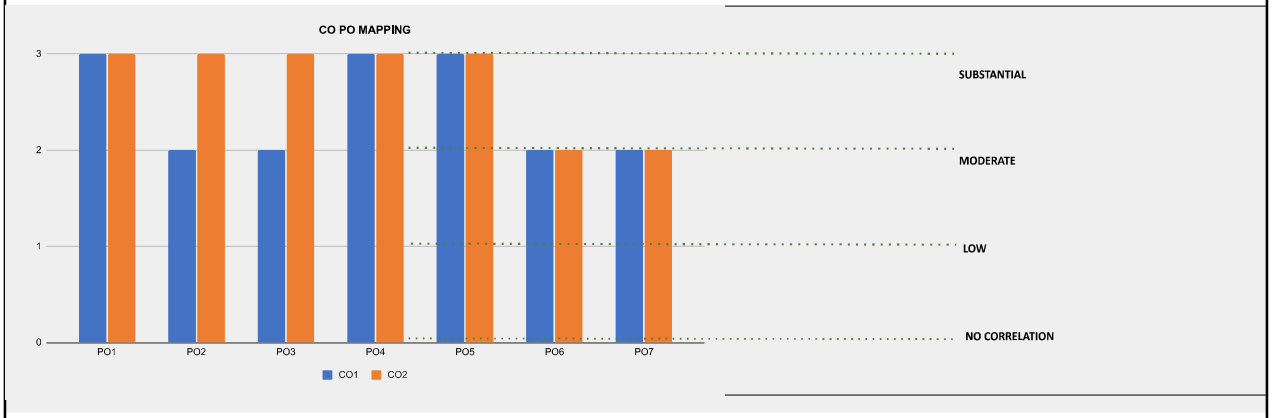
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 8
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Training
COURSE CODE (AS PER MU)	BARC T 811
FACULTY	Nemish Shah/ Rutika Parulkar
FACULTY INCHARGE	Nemish Shah
TOTAL MARKS	200

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding legal, technical and ethical frameworks of modes of conducting practices	L2 - Understand (Explain ideas or concepts)
CO2	Evaluating internship experiences to develop ideological positions for situating ones future course	L5 - Evaluate (Justify a stand or decision)
CO3		-
CO4		-
CO5		-

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	3	3	2	2	3	2.50
CO2	3	3	3	3	3	2	2	3	2.75
PO AVERAGE	3.00	2.50	2.50	3.00	3.00	2.00	2.00	3.00	
Conclusion and Resolution	Expose students to different modes of practice and enable students to chart their future								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	140
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	140

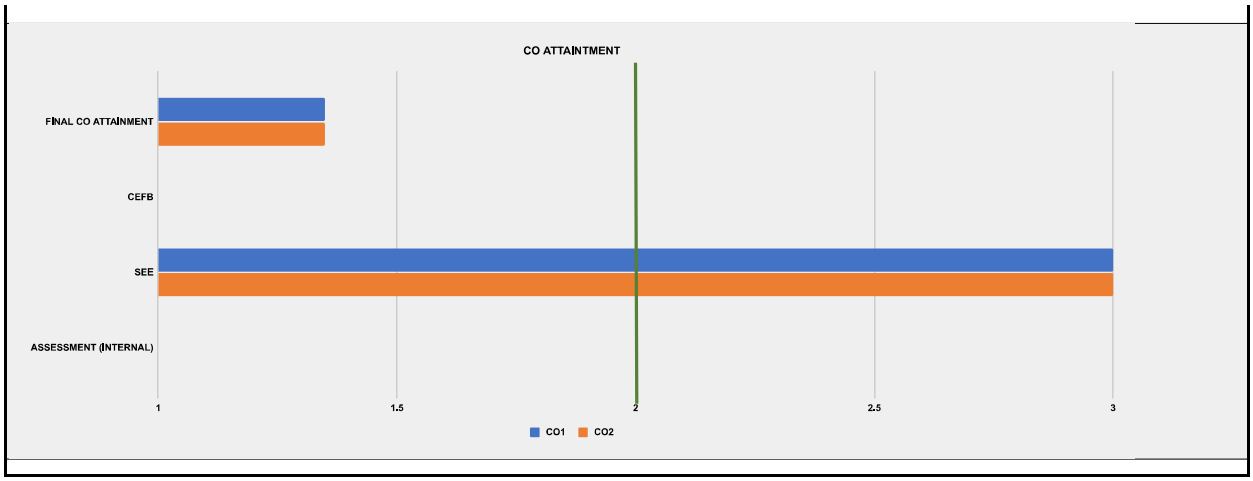
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1		3	-	1.35	2.5	No	Need to develop better understanding of technical frameworks of modes of practice
CO2		3	-	1.35	2.5	No	Need to develop better understanding of ethical frameworks of modes of practice

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1		3	-	1.35	2.5	No	Need to develop better understanding of technical frameworks of modes of practice
CO2		3	-	1.35	2.5	No	Need to develop better understanding of ethical frameworks of modes of practice



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Fifth Year

Fifth Year Report

2021-22. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
PO1	The course intends to foster individuals who can question and critique existing systems of spatial production to allow for new and inventive way of intervening as architects through critical thinking.	**2.74**	Post COVID scenarios reflects a lowering of critical and inventive ways of intervention.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.74**	Analytical and Intuitive skill development interrupted by COVID needs redressal.
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.73**	Studios in physical space are extremely important for design skills that make connect between abstract and concrete.
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.75**	Field studies reintroduced need to continue and strengthened.
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.75**	Re-establishing group exercises in physical space required in order to create the environment where students work as collective while optimising their individual position.
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.75**	Absence of physical interactions especially in earlier years reflects in overall evaluation and studios/ courses need to reclaim/ augment the material culture and socio-economic understanding.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.74**	Understanding of relationships between architectural tectonic forms and systems within which they are located needs to be strengthened especially in the earlier years.
PO8	To enable students to question the relationship between the professional skills and role of the architect and the production of the spatial environment we inhabit. (Architect / Architecture).	**2.74**	Opportunities to be enabled that will allow interactions between architectural practice and the academic space be witnessed by students.

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Semester 9

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 8
COURSE CODE (AS PER MU)	BARC901

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	1	2	3	2	1	1
CO2	2	3	1	2	3	2	1	1
CO3	2	3	3	2	2	2	2	1
CO4	2	2	2	1	1	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Choice and Nature of Inquiry/data gathering	2.45	
CO2	Critical thinking to Evaluate and analyse	2.60	
CO3	Application of the knowledge gained / manifestation & representation	2.40	
CO4	Attendance/ participation in discussion	2.50	

Course-level PO Attainments

PO1 Attainment	2.49		PO5 Attainment		2.49
PO2 Attainment	2.49		PO6 Attainment		2.49
PO3 Attainment	2.46		PO7 Attainment		2.48
PO4 Attainment	2.49		PO8 Attainment		2.49

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 8
COURSE CODE (AS PER MU)	BARC901
FACULTY	Manoj + Aditya: Manisha + Shantanu: Kalpit + Mayuri: Ginella + Apurva
FACULTY INCHARGE	Ainsley
TOTAL MARKS	200

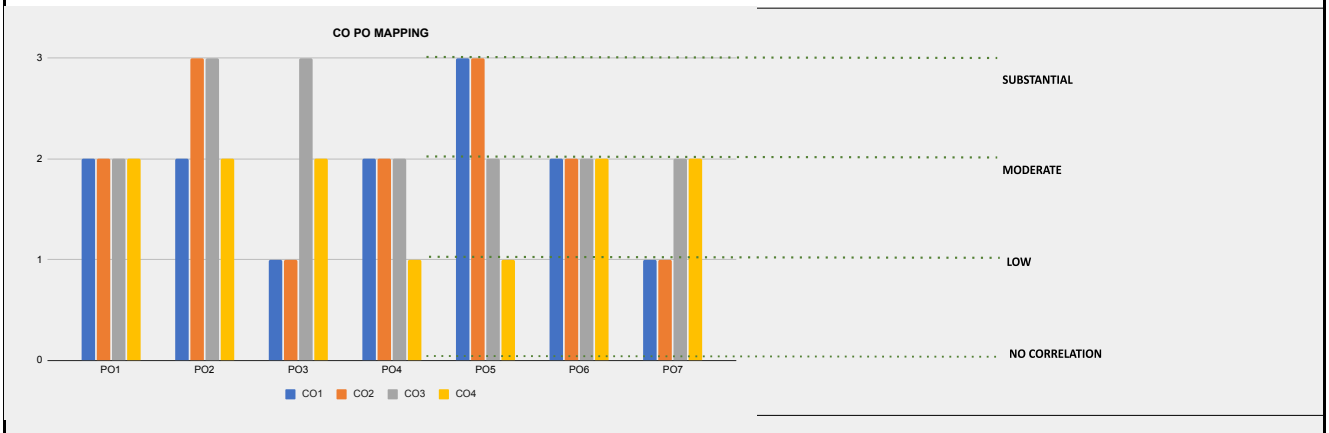
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Choice and Nature of Inquiry/data gathering	L2 - Understand (Explain ideas or concepts)
CO2	Critical thinking to Evaluate and analyse	L4 - Analyse (Draw connections among ideas)
CO3	Application of the knowledge gained / manifestation & representation	L6 - Create (Produce new or original work)
CO4	Attendance/ participation in discussion	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	1	2	3	2	1	1	1.75
CO2	2	3	1	2	3	2	1	1	1.88
CO3	2	3	3	2	2	2	2	1	2.13
CO4	2	2	2	1	1	2	2	2	1.75
PO AVERAGE	2.00	2.50	1.75	1.75	2.25	2.00	1.50	1.25	
Conclusion and Resolution	The studio is a culmination of the undergraduate studies and is a challange as practicioneers are invited to conduct the course.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION

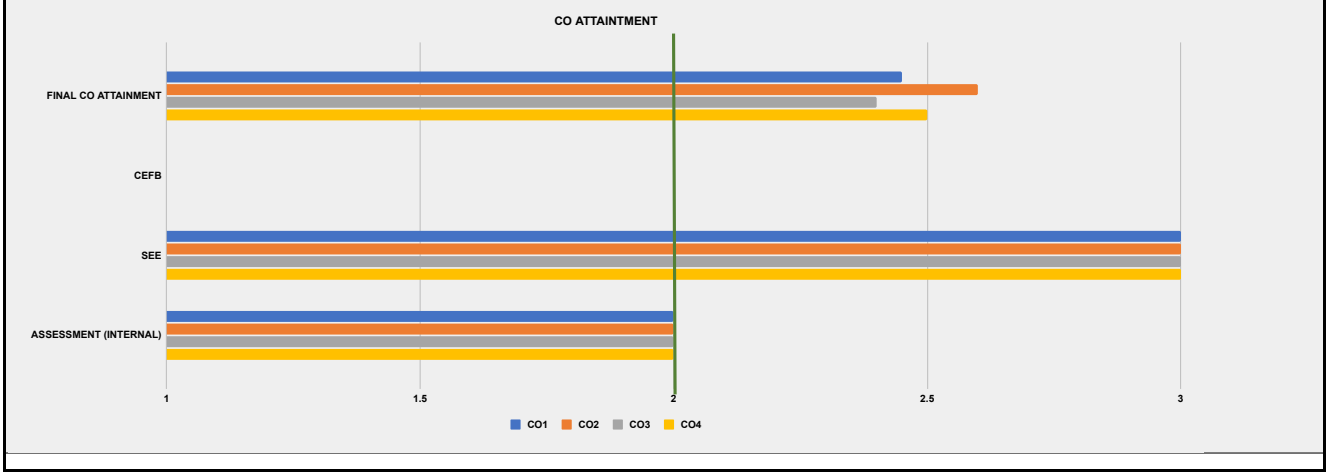


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	67
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	68

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	60	50	55	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	40	50	45	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2.2	Yes	
CO3	2	3	-	2.40	2	Yes	
CO4	2	3	-	2.50	2.5	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Allied Design Studio 8
COURSE CODE (AS PER MU)	BARC902

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	1	1	0	2	1	2
CO2	3	2	2	1	0	2	2	2
CO3	2	3	3	1	1	1	1	3
CO4	3	1	1	1	1	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Developing methods of conducting research	1.35	
CO2	Reviewing literature and critiquing arguments	1.35	
CO3	Using design as a medium for adaptation strategies	1.35	
CO4	Analyzing, critiquing and articulating arguments	1.35	

Course-level PO Attainments

PO1 Attainment	**1.35**	**PO5 Attainment**	**1.35**
PO2 Attainment	**1.35**	**PO6 Attainment**	**1.35**
PO3 Attainment	**1.35**	**PO7 Attainment**	**1.35**
PO4 Attainment	**1.35**	**PO8 Attainment**	**1.35**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Allied Design Studio 8
COURSE CODE (AS PER MU)	BARC902
FACULTY	Ginella, Hussain, Sarah
FACULTY INCHARGE	Ginella
TOTAL MARKS	100

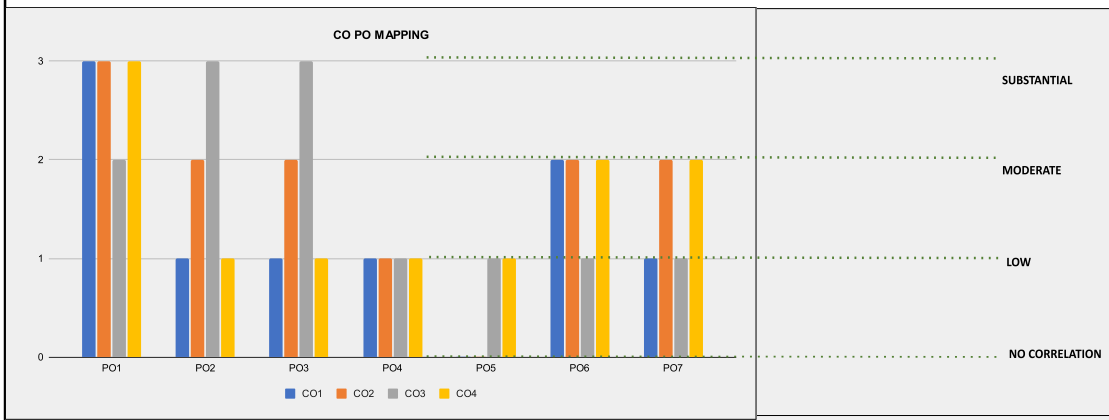
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Developing methods of conducting research	L2 - Understand (Explain ideas or concepts)
CO2	Reviewing literature and critiquing arguments	L4 - Analyse (Draw connections among ideas)
CO3	Using design as a medium for adaptation strategies	L2 - Understand (Explain ideas or concepts)
CO4	Analyzing, critiquing and articulating arguments	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	1	1	0	2	1	2	1.57
CO2	3	2	2	1	0	2	2	2	2.00
CO3	2	3	3	1	1	1	1	3	1.88
CO4	3	1	1	1	1	2	2	2	1.63
PO AVERAGE	2.75	1.75	1.75	1.00	1.00	1.75	1.50	2.25	
Conclusion and Resolution	The subject is about analytical and critical skills and hence assignments will have to be designed in such a way that students have to come up with new and innovative ide								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	36

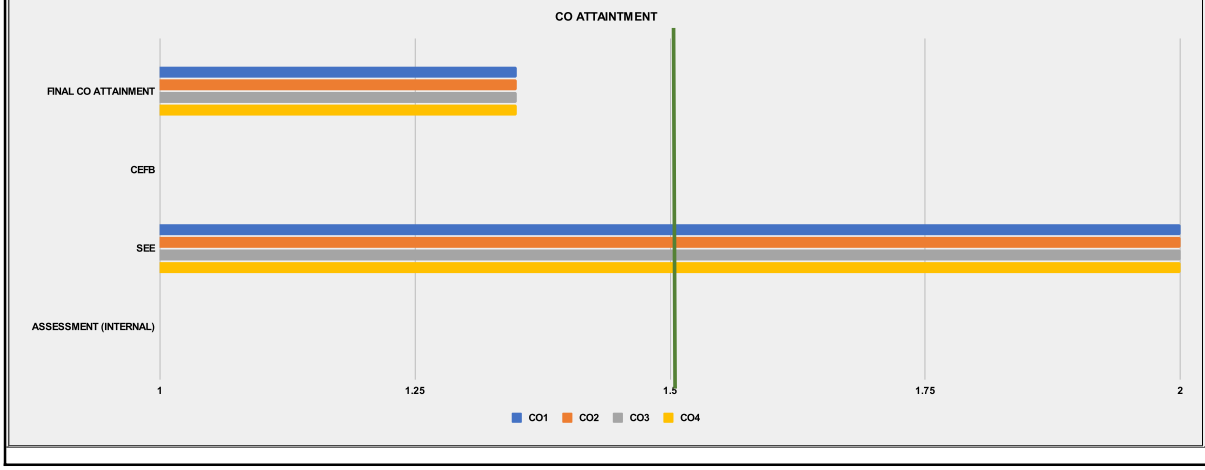
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	65	65	55	50	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	35	35	45	50	0	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	1	2		1.35	1	Yes	
CO2	1	2		1.35	1	Yes	
CO3	1	2		1.35	1	Yes	
CO4	1	2		1.35	1	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	1	2		1.35	1	Yes	
CO2	1	2		1.35	1	Yes	
CO3	1	2		1.35	1	Yes	
CO4	1	2		1.35	1	Yes	



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PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Construction 8
COURSE CODE (AS PER MU)	BARC903

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	2	3	3	2
CO2	3	3	3	2	2	3	3	3
CO3	3	3	3	3	2	3	3	3
CO4	3	3	3	3	2	3	3	3
CO5	2	2	3	3	2	3	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	3.00	
CO2	Analysis of built form from structural perspective; climatic factors and the building elements response to it; the materials used in making the built form and the various elements; visualising process of construction on site; and anticipating behaviour of the structure over its expected life span forms the core scope of technology pedagogy	3.00	
CO3	They are able to develop and represent a substantially sound technical proposal.	3.00	
CO4	They refer to appropriate resources (case studies, standards, technical literature, guidelines, handbooks, codes, etc.) as required while arriving at solutions to the design problems. In absence of suitable standards, they are able to custom design details befitting their core idea.	3.00	
CO5	They develop empathy towards craft and craftsmanship and they themselves inculcate a practice of doing "hands-on" wherever the opportunity is available.	3.00	

Course-level PO Attainments

PO1 Attainment	**3.00**	**PO5 Attainment**	**3.00**
PO2 Attainment	**3.00**	**PO6 Attainment**	**3.00**
PO3 Attainment	**3.00**	**PO7 Attainment**	**3.00**
PO4 Attainment	**3.00**	**PO8 Attainment**	**3.00**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Construction 8
COURSE CODE (AS PER MU)	BARC903
FACULTY	Vikram, Jimmy
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

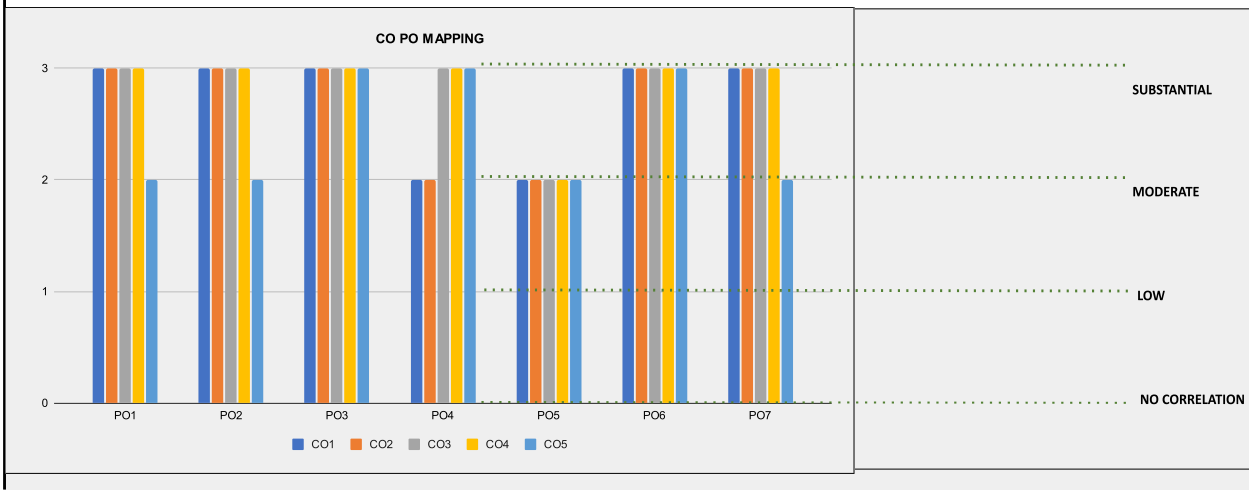
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	L2 - Understand (Explain ideas or concepts)
CO2	Analysis of built form from structural perspective; climatic factors and the building elements response to it; the materials used in making the built form and the various elements; visualising process of construction on site; and anticipating behaviour of the structure over its expected life span forms the core scope of technology pedagogy	L4 - Analyse (Draw connections among ideas)
CO3	They are able to develop and represent a substantially sound technical proposal.	L2 - Understand (Explain ideas or concepts)
CO4	They refer to appropriate resources (case studies, standards, technical literature, guidelines, handbooks, codes, etc.) as required while arriving at solutions to the design problems. In absence of suitable standards, they are able to custom design details befitting their core idea.	L1 - Remember (Recall facts and basic concepts)
CO5	They develop empathy towards craft and craftsmanship and they themselves inculcate a practice of doing "hands-on" wherever the opportunity is available.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	2	2	3	3	2	2.63
CO2	3	3	3	2	2	3	3	3	2.75
CO3	3	3	3	3	2	3	3	3	2.88
CO4	3	3	3	3	2	3	3	3	2.88
CO5	2	2	3	3	2	3	2	3	2.50
PO AVERAGE	2.80	2.80	3.00	2.60	2.00	3.00	2.80	2.75	
Conclusion and Resolution	achieved as planned								

CORRELATION LEVELS FOR POS

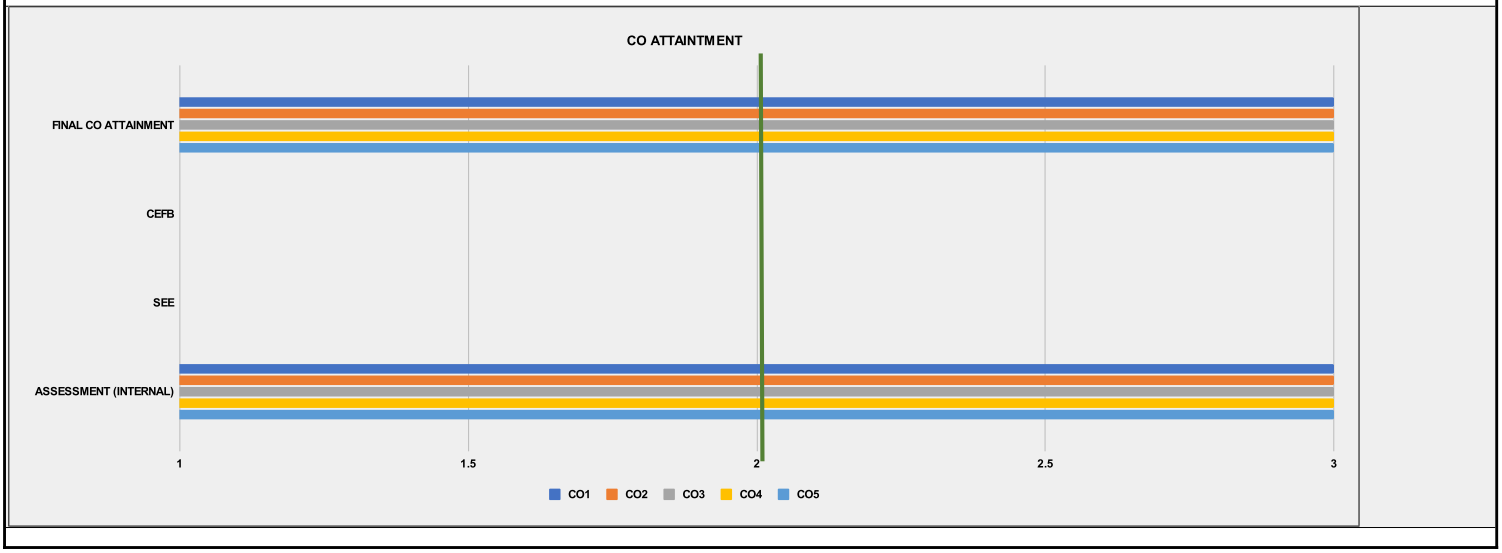
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	
CO4	3	-		3.00	2.5	Yes	
CO5	3	-		3.00	2.5	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 8
COURSE CODE (AS PER MU)	BARC904

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	1	1	2	1	3	1
CO2	2	3	1	0	2	0	3	1
CO3	2	3	1	0	2	0	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand long span structural framing and design	3.00	
CO2	To evaluate advance construction on the basis of structural understanding	3.00	
CO3	To analyse and apply stresses in complex structures with respect to form and frames	3.00	

Course-level PO Attainments

PO1 Attainment	3.00	PO5 Attainment	3.00
PO2 Attainment	3.00	PO6 Attainment	3.00
PO3 Attainment	3.00	PO7 Attainment	3.00
PO4 Attainment	3.00	PO8 Attainment	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 8
COURSE CODE (AS PER MU)	BARC904
FACULTY	Ainsley, Jimmy, Kimaya, Minal, Shantanu, Vikram
FACULTY INCHARGE	Vikram
TOTAL MARKS	50

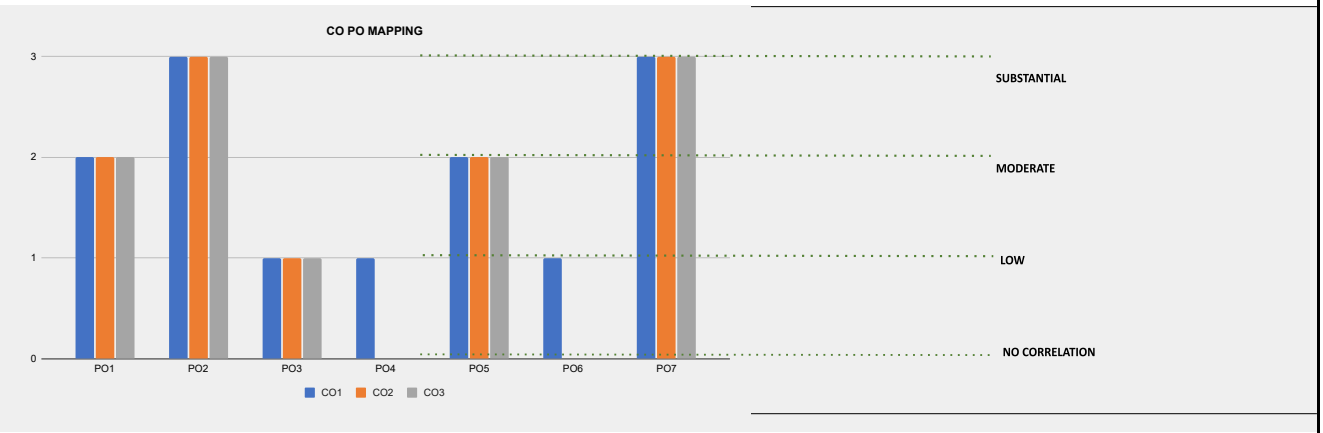
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand long span structural framing and design	L2 - Understand (Explain ideas or concepts)
CO2	To evaluate advance construction on the basis of structural understanding	L5 - Evaluate (Justify a stand or decision)
CO3	To analyse and apply stresses in complex structures with respect to form and frames	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	1	1	2	1	3	1	1.75
CO2	2	3	1	0	2	0	3	1	2.00
CO3	2	3	1	0	2	0	3	1	2.00
PO AVERAGE	2.00	3.00	1.00	1.00	2.00	1.00	3.00	1.00	
Conclusion and Resolution	Achieved as planned								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

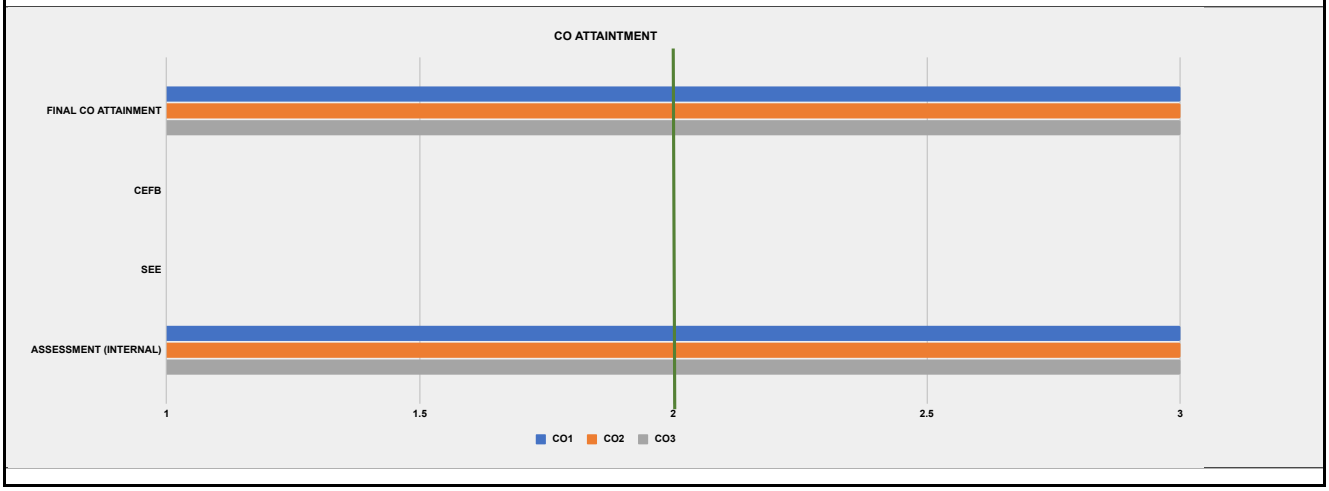
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	Achieved as planned
CO2	3	-		3.00	2	Yes	Achieved as planned
CO3	3	-		3.00	2	Yes	Achieved as planned

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.5	Yes	Achieved as planned
CO2	3	-		3.00	2	Yes	Achieved as planned
CO3	3	-		3.00	2	Yes	Achieved as planned



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Services 6
COURSE CODE (AS PER MU)	BARC908

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	3	2	2	3
CO2	3	2	2	1	1	2	3	2
CO3	2	2	2	0	0	0	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to arrive at design solutions that address various environmental issues through use of passive techniques, architecturally as well as at site and neighbourhood level, analytically.	3.00	Achieved as planned
CO2	To explore how the different environmental and services aspects inform design decisions, through vernacular and contemporary case study approaches.	3.00	Achieved as planned
CO3	To enable students in understanding inherent integration of complex building services in advanced buildings aesthetically and sustainably.	3.00	Achieved as planned

Course-level PO Attainments

PO1 Attainment	3.00	**PO5 Attainment**	3.00
PO2 Attainment	3.00	**PO6 Attainment**	3.00
PO3 Attainment	3.00	**PO7 Attainment**	3.00
PO4 Attainment	3.00	**PO8 Attainment**	3.00

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Services 6
COURSE CODE (AS PER MU)	BARC908
FACULTY	Minal, Swati
FACULTY INCHARGE	Minal
TOTAL MARKS	50

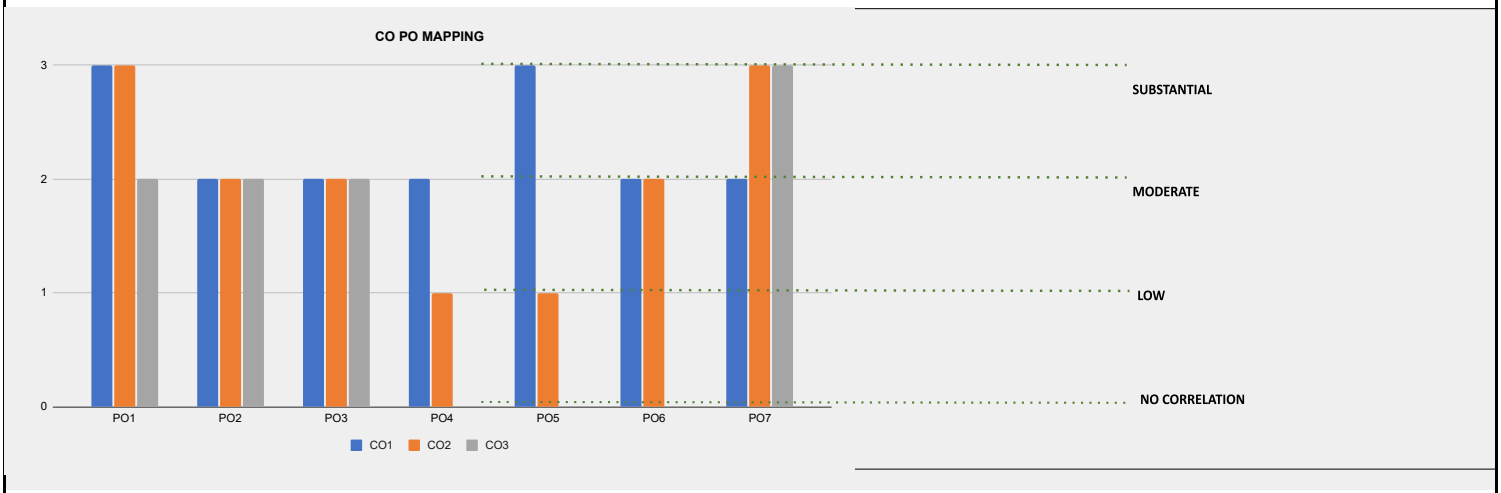
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to arrive at design solutions that address various environmental issues through use of passive techniques, architecturally as well as at site and neighbourhood level, analytically.	L3 - Apply (Use information in new situations)
CO2	To explore how the different environmental and services aspects inform design decisions, through vernacular and contemporary case study approaches.	L6 - Create (Produce new or original work)
CO3	To enable students in understanding inherent integration of complex building services in advanced buildings aesthetically and sustainably.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	2	3	2	2	3	2.38
CO2	3	2	2	1	1	2	3	2	2.00
CO3	2	2	2	0	0	0	3	2	2.20
PO AVERAGE	2.67	2.00	2.00	1.50	2.00	2.00	2.67	2.33	
Conclusion and Resolution	The course outcomes align moderately with program outcomes.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



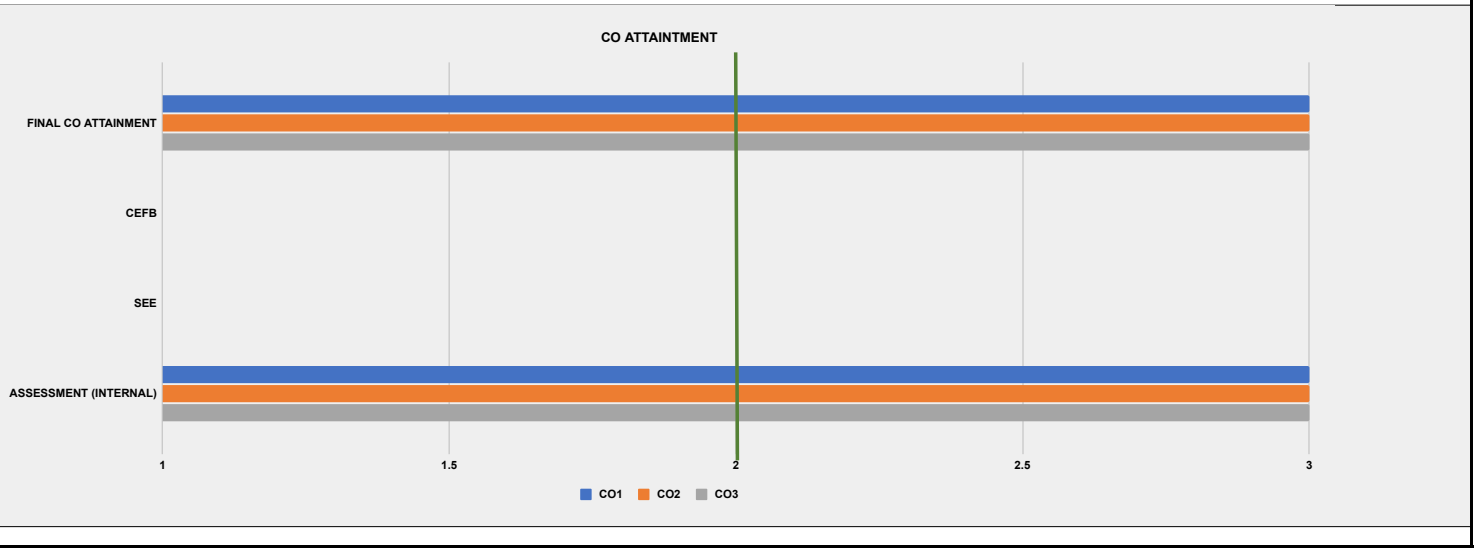
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.5	Yes	Achieved as planned
CO2	3	-		3.00	2.5	Yes	Achieved as planned
CO3	3	-		3.00	2.5	Yes	Achieved as planned



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 4
COURSE CODE (AS PER MU)	BARC906

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	1	2	1
CO2	2	3	1	2	1	2	2	1
CO3	3	2	2	1	2	2	2	1
CO4	2	2	2	1	2	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To develop an understanding to conduct post-occupancy evaluation studies in built environment to inform design decisions.	2.00	To explain POE comprehensively with its relevance
CO2	To learn and derive a process of application using hard and soft skills to attain proficiency in energy consumption calculations, ecological footprint and carbon footprint of the built form	2.00	To improve software skills
CO3	To apply interdisciplinary approaches such as ecology, economics, ethics, and policy to devise solutions to environmental problems at regional and neighbourhood level.	2.00	Target achieved as planned
CO4	Be proficient with ideas of sustainability, net zero energy buildings, dynamic façade systems etc. that address climate adaptation and mitigation strategies.	2.00	To explain the ideas with case studies

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**2.00**
PO2 Attainment	**2.00**	**PO6 Attainment**	**2.00**
PO3 Attainment	**2.00**	**PO7 Attainment**	**2.00**
PO4 Attainment	**2.00**	**PO8 Attainment**	**2.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 4
COURSE CODE (AS PER MU)	BARC906
FACULTY	Sandeep Menon, Minal Yerramshetty
FACULTY INCHARGE	Minal Yerramshetty
TOTAL MARKS	100

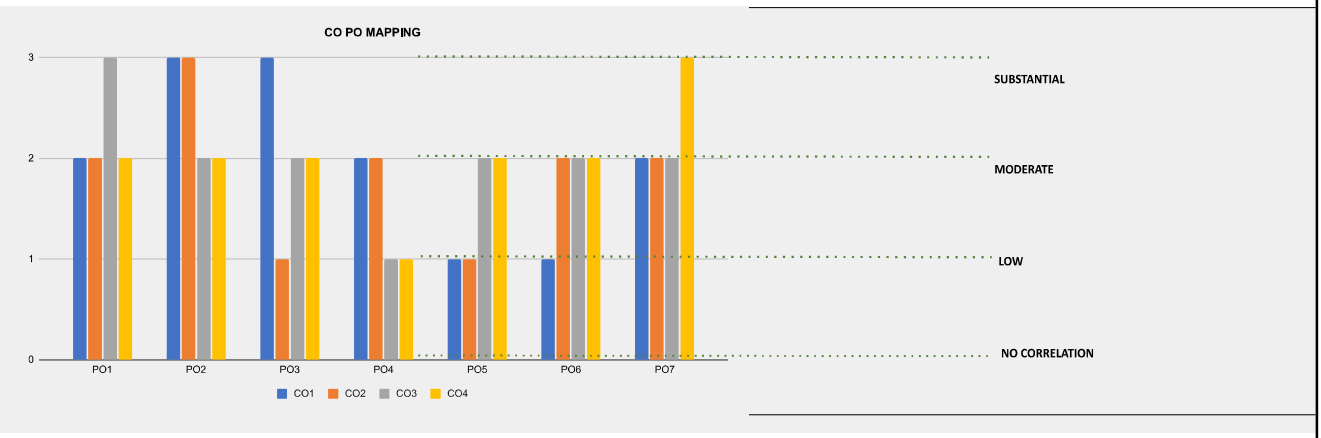
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To develop an understanding to conduct post-occupancy evaluation studies in built environment to inform design decisions.	L2 - Understand (Explain ideas or concepts)
CO2	To learn and derive a process of application using hard and soft skills to attain proficiency in energy consumption calculations, ecological footprint and carbon footprint of the built form	L5 - Evaluate (Justify a stand or decision)
CO3	To apply interdisciplinary approaches such as ecology, economics, ethics, and policy to devise solutions to environmental problems at regional and neighbourhood level.	L3 - Apply (Use information in new situations)
CO4	Be proficient with ideas of sustainability, net zero energy buildings, dynamic façade systems etc. that address climate adaptation and mitigation strategies.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	3	3	2	1	1	2	1	1.88
CO2	2	3	1	2	1	2	2	1	1.75
CO3	3	2	2	1	2	2	2	1	1.88
CO4	2	2	2	1	2	2	3	1	1.88
PO AVERAGE	2.25	2.50	2.00	1.50	1.50	1.75	2.25	1.00	
Conclusion and Resolution	Trial text								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

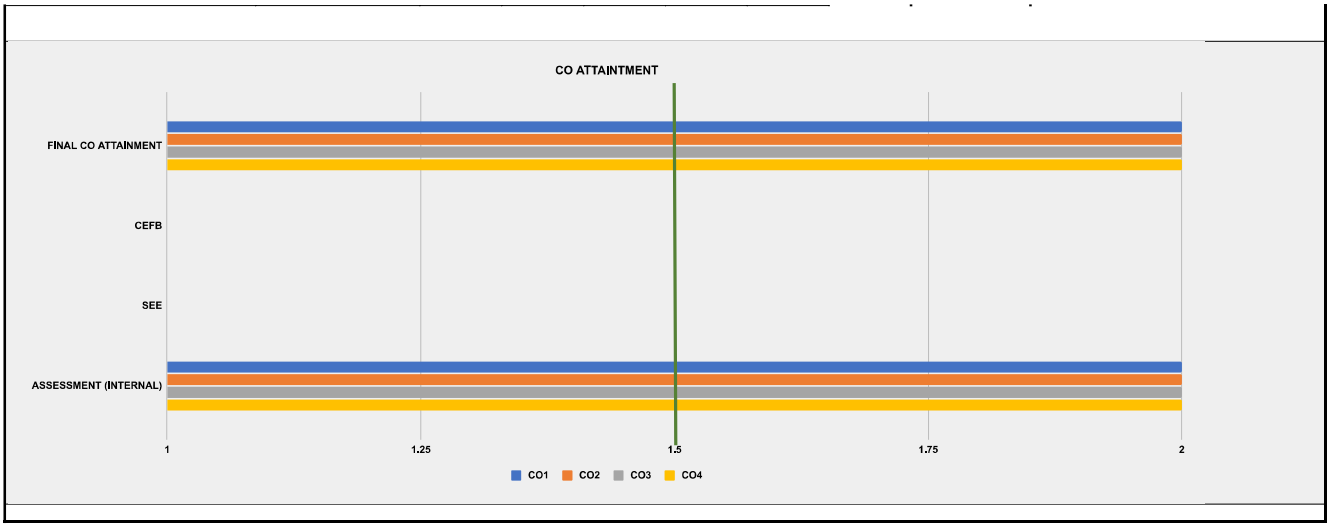
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100		ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.5	No	To explain POE comprehensively with its relevance
CO2	2	-		2.00	3	No	To improve software skills
CO3	2	-		2.00	2	Yes	Target achieved as planned
CO4	2	-		2.00	2.5	No	To explain the ideas with case studies

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	To explain POE comprehensively with its relevance
CO2	2	-		2.00	3	No	To improve software skills
CO3	2	-		2.00	2	Yes	Target achieved as planned
CO4	2	-		2.00	2.5	No	To explain the ideas with case studies



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 2
COURSE CODE (AS PER MU)	BARC910

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	2	1	3	2	2	3
CO2	3	1	2	1	3	2	2	3
CO3	2	0	1	1	3	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To analyse the frameworks leading to the situation of housing stock in the city through case studies and how practices emerged in response to various planning regulations	2.55	Need to understand the steps on how to situate themselves in the contemporary realm of practice
CO2	To understand how individuals/practices have situated themselves within the architectural profession	2.55	Need to work better in groups
CO3	To evaluate the various positions taken by contemporary practices and imagine their own position within that spectrum	2.55	Need to understand the steps on how to situate themselves in the contemporary realm of practice

Course-level PO Attainments

PO1 Attainment	2.55	**PO5 Attainment**	2.55
PO2 Attainment	2.55	**PO6 Attainment**	2.55
PO3 Attainment	2.55	**PO7 Attainment**	2.55
PO4 Attainment	2.55	**PO8 Attainment**	2.55

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 2
COURSE CODE (AS PER MU)	BARC910
FACULTY	Mamta Patwardhan, George Jacob
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	100

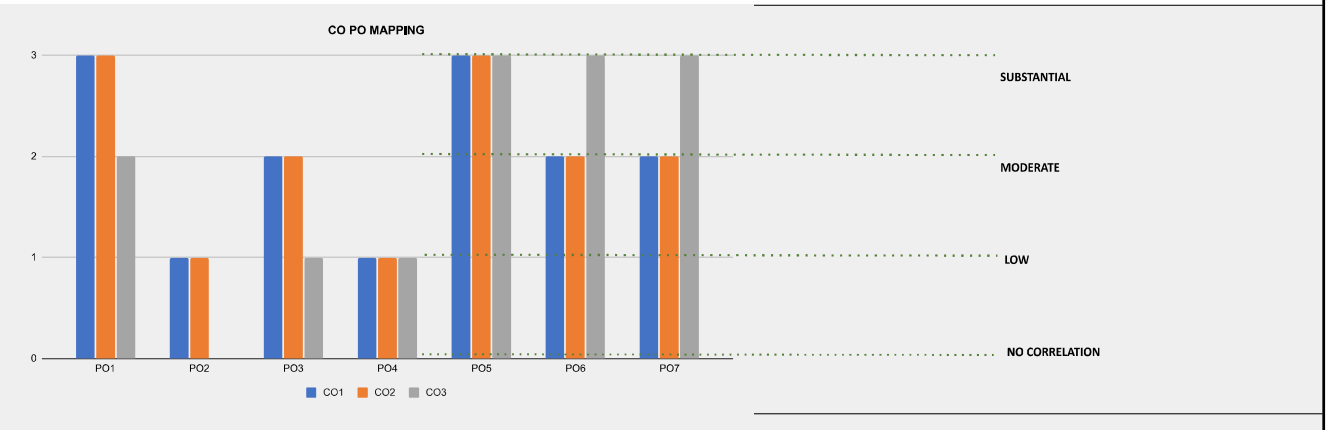
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To analyse the frameworks leading to the situation of housing stock in the city through case studies and how practices emerged in response to various planning regulations	L2 - Understand (Explain ideas or concepts)
CO2	To understand how individuals/practices have situated themselves within the architectural profession	L2 - Understand (Explain ideas or concepts)
CO3	To evaluate the various positions taken by contemporary practices and imagine their own position within that spectrum	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	2	1	3	2	2	3	2.13
CO2	3	1	2	1	3	2	2	3	2.13
CO3	2	0	1	1	3	3	3	3	2.29
PO AVERAGE	2.67	1.00	1.67	1.00	3.00	2.33	2.33	3.00	
Conclusion and Resolution	This shows that the professional practice course conducted was able to align with the course objectives set. They were well equipped to explore the legal and technical frameworks of modes of contemporary practices and understand the ethical positions taken by them.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32

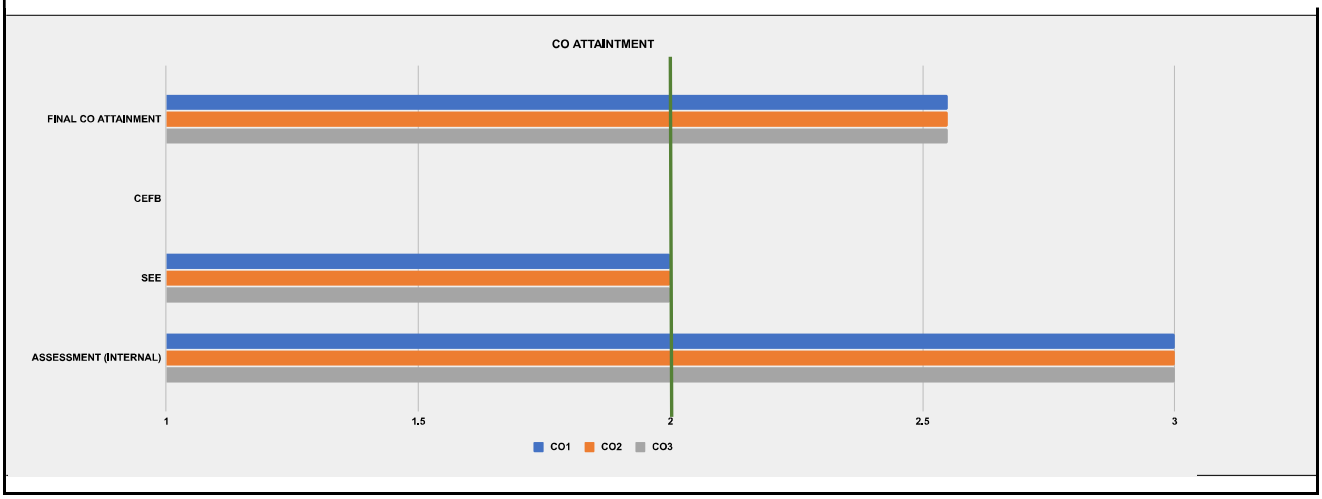
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2		2.55	2.8	No	Need to understand the steps on how to situate themselves in the contemporary realm of practice
CO2	3	2		2.55	2.8	No	Need to work better in groups
CO3	3	2		2.55	2.8	No	Need to understand the steps on how to situate themselves in the contemporary realm of practice

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2		2.55	2.8	No	Need to understand the steps on how to situate themselves in the contemporary realm of practice
CO2	3	2		2.55	2.8	No	Need to work better in groups
CO3	3	2		2.55	2.8	No	Need to understand the steps on how to situate themselves in the contemporary realm of practice



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Design Dissertation 1
COURSE CODE (AS PER MU)	BARD911

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	1	1	1	0	1
CO2	1	1	1	0	0	2	2	1
CO3	3	2	3	1	0	2	2	2
CO4	3	3	3	0	0	2	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Enabling the students to explore and research specific topics related to their field of interest. Develop research ability and skills for writing and presenting a thesis report.	2.50	
CO2	Analyze and evaluate the built environment and sites.	2.60	
CO3	Create modes for reflexive thinking through research.	2.70	
CO4	Understanding of the theoretical and applied research methodologies and practices used during the design process.	2.60	More in-class exercises and case studies can be provided to help the students understand and improve upon their theoretical and applied research methodologies.

Course-level PO Attainments

PO1 Attainment		**2.60**		**PO5 Attainment**	**2.50**
PO2 Attainment		**2.59**		**PO6 Attainment**	**2.61**
PO3 Attainment		**2.60**		**PO7 Attainment**	**2.63**
PO4 Attainment		**2.60**		**PO8 Attainment**	**2.61**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Design Dissertation 1
COURSE CODE (AS PER MU)	BARD911
FACULTY	Aneerudha, Manoj, Ainsley, Rohan, Pinkish, Jamshid, Vikram, Sonal, Shweta, Kimaya, George, Ginella, Minal, Shirish, Mamta, Sandeep, Nemish, Nikhil, Jude, Apurva P
FACULTY INCHARGE	Ginella
TOTAL MARKS	100

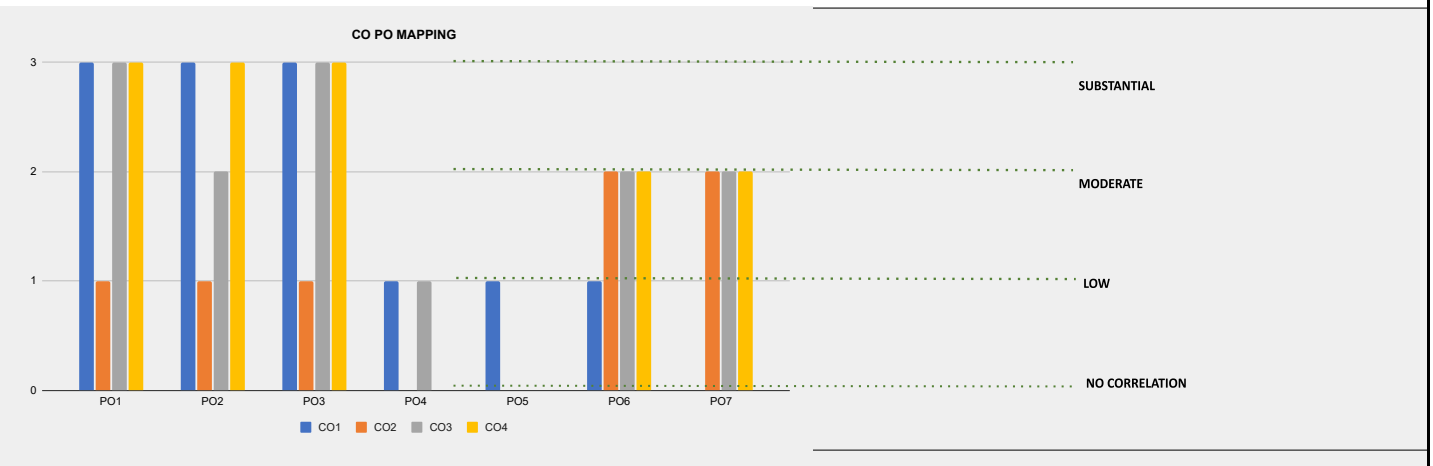
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Enabling the students to explore and research specific topics related to their field of interest. Develop research ability and skills for writing and presenting a thesis report.	L2 - Understand (Explain ideas or concepts)
CO2	Analyze and evaluate the built environment and sites.	L4 - Analyse (Draw connections among ideas)
CO3	Create modes for reflexive thinking through research.	L5 - Evaluate (Justify a stand or decision)
CO4	Understanding of the theoretical and applied research methodologies and practices used during the design process.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	1	1	1	0	1	1.86
CO2	1	1	1	0	0	2	2	1	1.33
CO3	3	2	3	1	0	2	2	2	2.14
CO4	3	3	3	0	0	2	2	3	2.67
PO AVERAGE	2.50	2.25	2.50	1.00	1.00	1.75	2.00	1.75	
Conclusion and Resolution	The research based outcomes for the design dissertation enables to develop the argument structure for the final year thesis dissertation.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



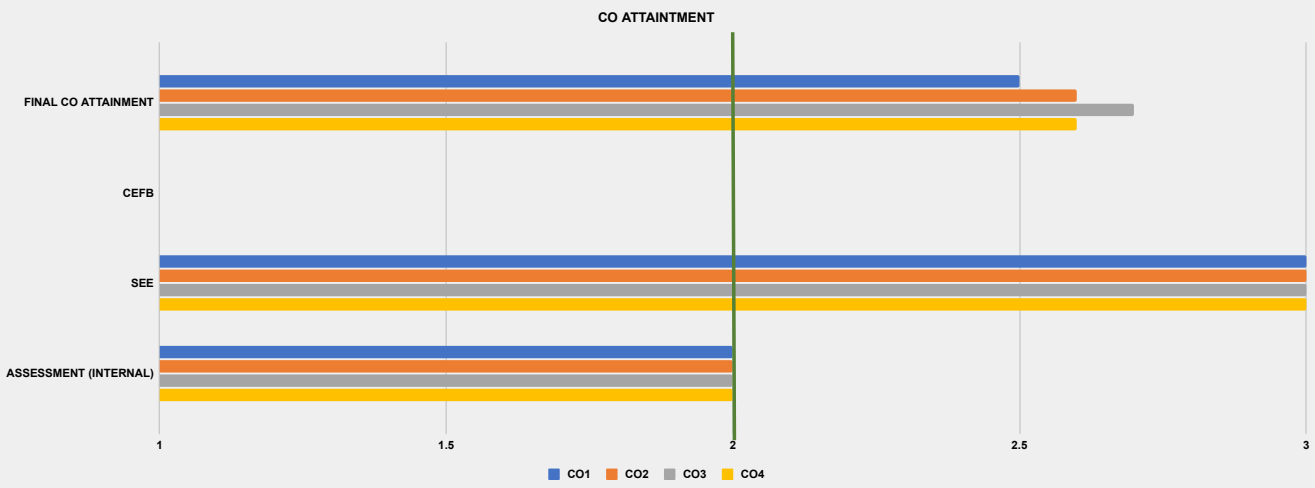
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	50	40	30	40	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	50	60	70	60	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.5	2	Yes	
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	2.60	3	No	More in-class exercises and case studies can be provided to help the students understand and improve upon their theoretical and applied research methodologies.



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Semester 10

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 5
COURSE CODE (AS PER MU)	BARC1006

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	1	2	1	2	2	3
CO2	3	2	2	1	1	2	2	2
CO3	3	1	1	2	2	2	2	2
CO4	2	2	2	2	1	2	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To identify the area of interest specific to environmental revelation.	2.00	To improve arguments on environmental challenges
CO2	To enable students to develop critical thinking, analytical, representational and technical skills to inform environment-sensitive design decision, keeping in mind specifics of environmental ethics and justice.	2.00	Target achieved as planned
CO3	To gain holistic understanding of urban sustainability while focusing on understanding sustainable development goals.	2.00	To improve SDG explanation with case study projects
CO4	To be able to understand current urbanization-induced environmental challenges and further manage architectural complexities within urban/rural environment.	2.00	To focus more on architectural complexities with contemporary environmental challenges

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**2.00**
PO2 Attainment	**2.00**	**PO6 Attainment**	**2.00**
PO3 Attainment	**2.00**	**PO7 Attainment**	**2.00**
PO4 Attainment	**2.00**	**PO8 Attainment**	**2.00**

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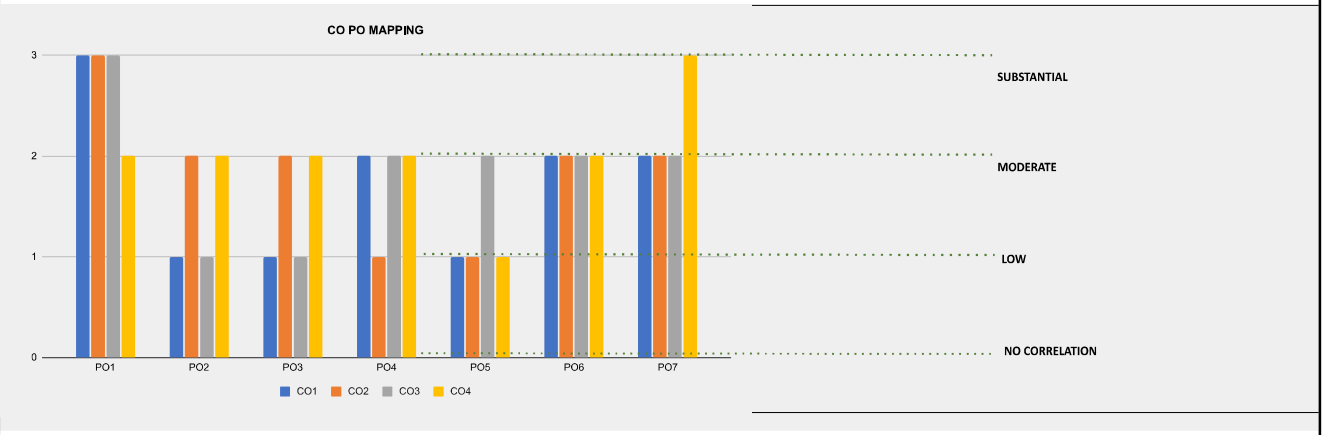
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 5
COURSE CODE (AS PER MU)	BARC1006
FACULTY	Minal Yerramshetty, Kimaya Keluskar
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To identify the area of interest specific to environmental revelation.	L5 - Evaluate (Justify a stand or decision)
CO2	To enable students to develop critical thinking, analytical, representational and technical skills to inform environment-sensitive design decision, keeping in mind specifics of environmental ethics and justice.	L4 - Analyse (Draw connections among ideas)
CO3	To gain holistic understanding of urban sustainability while focusing on understanding sustainable development goals.	L2 - Understand (Explain ideas or concepts)
CO4	To be able to understand current urbanization-induced environmental challenges and further manage architectural complexities within urban/rural environment.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	1	2	1	2	2	3	1.88
CO2	3	2	2	1	1	2	2	2	1.88
CO3	3	1	1	2	2	2	2	2	1.88
CO4	2	2	2	2	1	2	3	1	1.88
PO AVERAGE	2.75	1.50	1.50	1.75	1.25	2.00	2.25	2.00	
Conclusion and Resolution	Trial text								

CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60

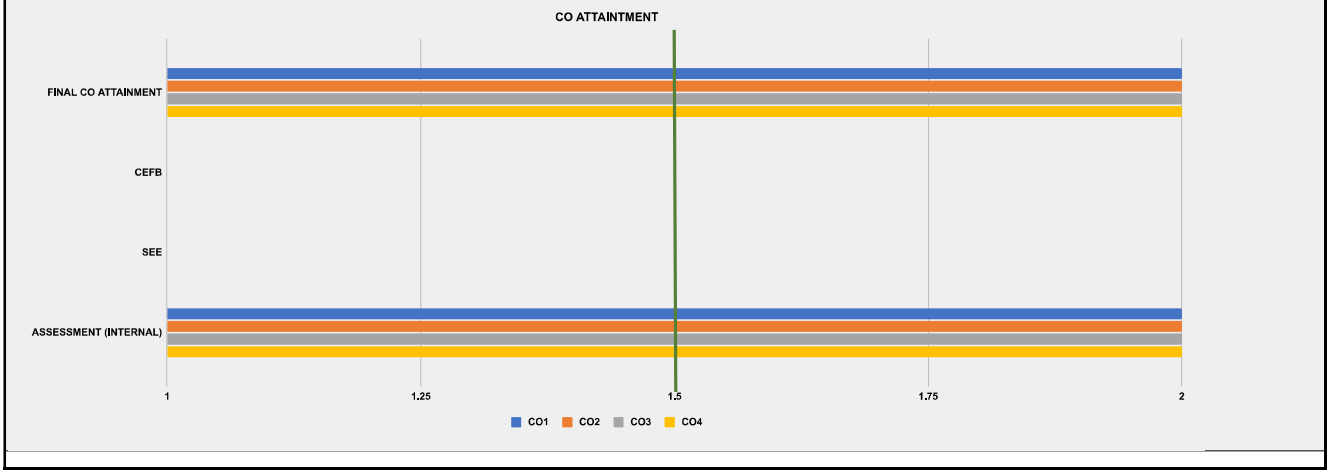
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100		ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.5	No	To improve arguments on environmental challenges
CO2	2	-		2.00	2	Yes	Target achieved as planned
CO3	2	-		2.00	2	Yes	To improve SDG explanation with case study projects
CO4	2	-		2.00	3	No	To focus more on architectural complexities with contemporary environmental challenges

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.5	No	To improve arguments on environmental challenges
CO2	2	-		2.00	2	Yes	Target achieved as planned
CO3	2	-		2.00	2	Yes	To improve SDG explanation with case study projects
CO4	2	-		2.00	3	No	To focus more on architectural complexities with contemporary environmental challenges



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 8
COURSE CODE (AS PER MU)	BARC1007

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	2	3	3	2
CO2	3	3	3	2	2	3	3	3
CO3	3	3	3	3	2	3	3	3
CO4	3	3	3	3	2	3	3	3
CO5	2	2	3	3	2	3	2	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	2.55	
CO2	Analysis of built form from structural perspective; climatic factors and the building elements response to it; the materials used in making the built form and the various elements; visualising process of construction on site; and anticipating behaviour of the structure over its expected life span forms the core scope of technology pedagogy.	2.40	Working in physical space required in earleir years
CO3	They are able to develop and represent a substantially sound technical proposal.	2.30	Working in physical space required in earleir years
CO4	They refer to appropriate resources (case studies, standards, technical literature, guidelines, handbooks, codes, etc.) as required while arriving at solutions to the design problems. In absence of suitable standards, they are able to custom design details befitting their core idea.	2.70	
CO5	They develop empathy towards craft and craftsmanship and they themselves inculcate a practice of doing “hands-on” wherever the opportunity is available.	2.50	

Course-level PO Attainments

PO1 Attainment	**2.49**	**PO5 Attainment**	**2.49**
PO2 Attainment	**2.49**	**PO6 Attainment**	**2.49**
PO3 Attainment	**2.49**	**PO7 Attainment**	**2.49**
PO4 Attainment	**2.49**	**PO8 Attainment**	**2.49**

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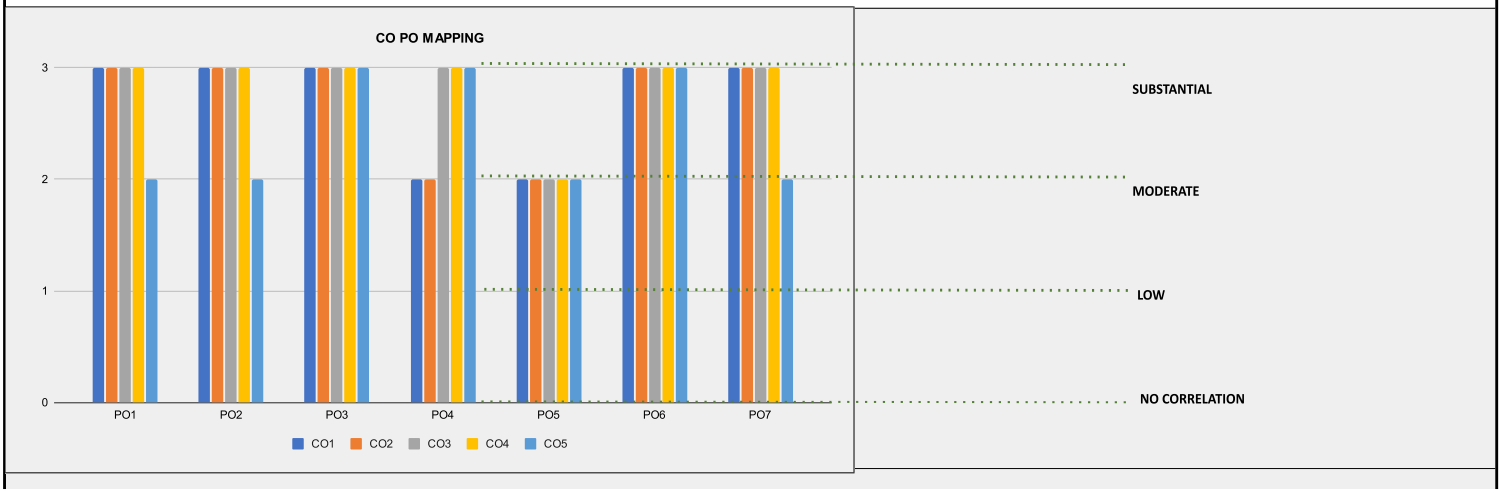
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 8
COURSE CODE (AS PER MU)	BARC1007
FACULTY	Kimaya, Jimmy, Shantanu P, Vikram, Minal, Shantanu K
FACULTY INCHARGE	Vikram
TOTAL MARKS	200

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	L2 - Understand (Explain ideas or concepts)
CO2	Analysis of built form from structural perspective; climatic factors and the building elements response to it; the materials used in making the built form and the various elements; visualising process of construction on site; and anticipating behaviour of the structure over its expected life span forms the core scope of technology pedagogy.	L2 - Understand (Explain ideas or concepts)
CO3	They are able to develop and represent a substantially sound technical proposal.	L4 - Analyse (Draw connections among ideas)
CO4	They refer to appropriate resources (case studies, standards, technical literature, guidelines, handbooks, codes, etc.) as required while arriving at solutions to the design problems. In absence of suitable standards, they are able to custom design details befitting their core idea.	L1 - Remember (Recall facts and basic concepts)
CO5	They develop empathy towards craft and craftsmanship and they themselves inculcate a practice of doing "hands-on" wherever the opportunity is available.	L3 - Apply (Use information in new situations)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	3	2	2	3	3	2	2.63
CO2	3	3	3	2	2	3	3	3	2.75
CO3	3	3	3	3	2	3	3	3	2.88
CO4	3	3	3	3	2	3	3	3	2.88
CO5	2	2	3	3	2	3	2	3	2.50
PO AVERAGE	2.80	2.80	3.00	2.60	2.00	3.00	2.80	2.75	
Conclusion and Resolution	This concluding program has been able to achieve moderate to substantial resolution								

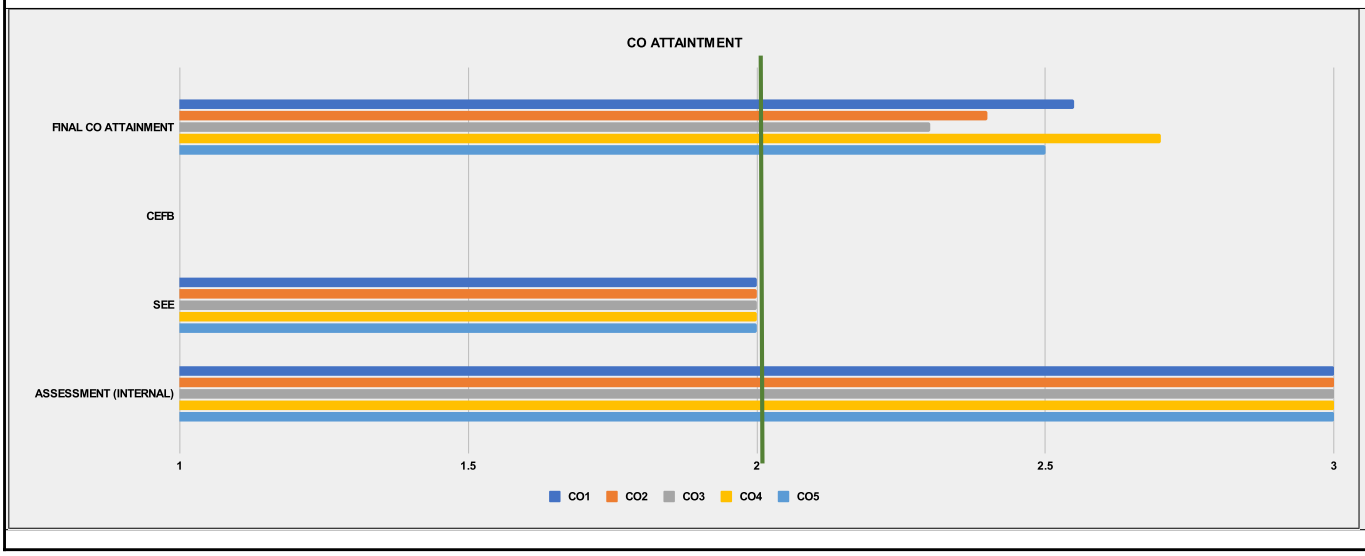
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	30	50	
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	2	-	2.55	2.5	Yes	
CO2	3	2	-	2.40	2.5	No	Working in physical space required in earleir years
CO3	3	2	-	2.30	2.5	No	Working in physical space required in earleir years
CO4	3	2	-	2.70	2.5	Yes	
CO5	3	2	-	2.50	2.5	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Advanced Building Construction and Services
COURSE CODE (AS PER MU)	BARC1012

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	1	0	3	3	3
CO2	2	2	2	0	3	2	2	1
CO3	2	2	2	1	3	2	2	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To analyse thesis projects and attempt technological interventions to the design proposals	2.00	
CO2	To create analytical physical models and studies based on the learnings of the lectures and relate them.	2.00	
CO3	To understand the technical aspects of large scale projects including infrastructure, MEP, ecology, systems, etc	2.00	

Course-level PO Attainments

PO1 Attainment	2.00	PO5 Attainment	2.00
PO2 Attainment	2.00	PO6 Attainment	2.00
PO3 Attainment	2.00	PO7 Attainment	2.00
PO4 Attainment	2.00	PO8 Attainment	2.00

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Advanced Building Construction and Services
COURSE CODE (AS PER MU)	BARC1012
FACULTY	Vikram, Jimmy
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

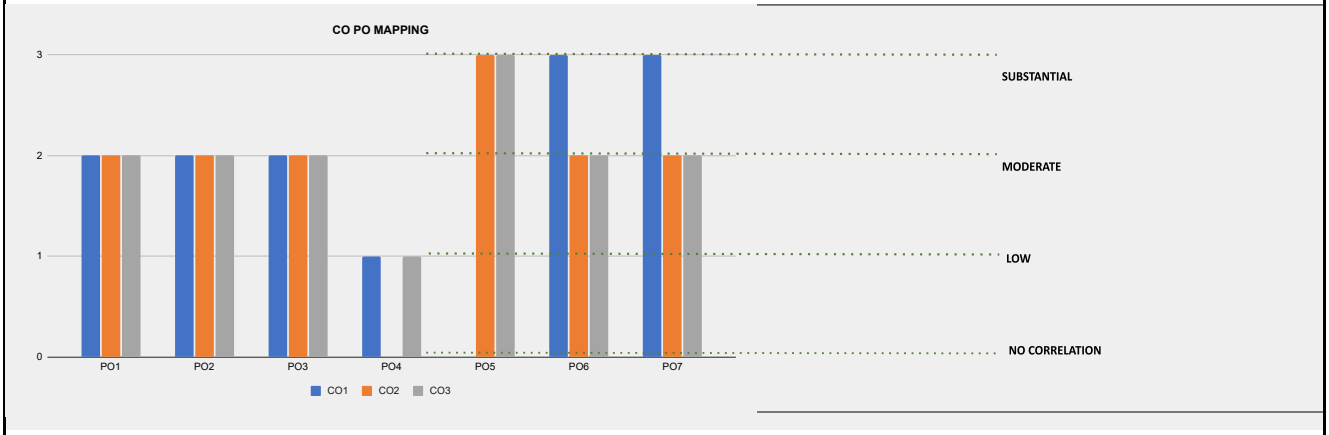
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To analyse thesis projects and attempt technological interventions to the design proposals	L4 - Analyse (Draw connections among ideas)
CO2	To create analytical physical models and studies based on the learnings of the lectures and relate them.	L6 - Create (Produce new or original work)
CO3	To understand the technical aspects of large scale projects including infrastructure, MEP, ecology, systems, etc	L2 - Understand (Explain ideas or concepts)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	2	1	0	3	3	3	2.29
CO2	2	2	2	0	3	2	2	1	2.00
CO3	2	2	2	1	3	2	2	1	1.88
PO AVERAGE	2.00	2.00	2.00	1.00	3.00	2.33	2.33	1.67	
Conclusion and Resolution	Courses can be updated for efficiency.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	58

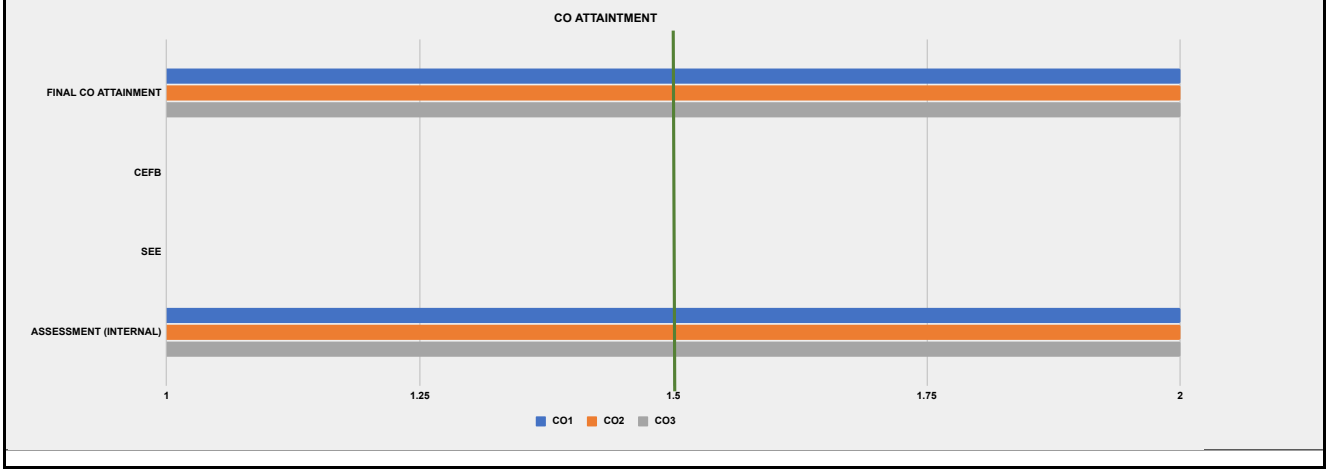
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	Achieved as planned
CO2	2	-		2.00	2	Yes	Achieved as planned
CO3	2	-		2.00	2	Yes	Achieved as planned

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	Achieved as planned
CO2	2	-		2.00	2	Yes	Achieved as planned
CO3	2	-		2.00	2	Yes	Achieved as planned



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 4
COURSE CODE (AS PER MU)	BARC1009

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	3	1	2	0	1	0
CO2	2	2	3	1	0	0	2	0
CO3	1	0	2	3	1	0	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand and create different frameworks of analysis and skills of critical thinking that employed comparative (across mediums, across objects) and analytical (through a close reading) method.	2.00	The mode of thelecture and introduction to toopics needs to be more refernced based
CO2	To create skills of reading concepts, habit of conceptual enquiry and argumentation across forms and mediums across history of art and architecture, as well as contemporary architecture cultures.	2.00	More reading based exercises to be introduced as method to enegage in theorotrical text.
CO3	To evaluate history of important ideas and their relationships to contemporary ideas and phenomena that shaped the world.	2.00	

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**2.00**
PO2 Attainment	**2.00**	**PO6 Attainment**	**#DIV/0!**
PO3 Attainment	**2.00**	**PO7 Attainment**	**2.00**
PO4 Attainment	**2.00**	**PO8 Attainment**	**2.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 4
COURSE CODE (AS PER MU)	BARC1009
FACULTY	Sonal s, Aishwarya P , Rutika P
FACULTY INCHARGE	Sonal S
TOTAL MARKS	50

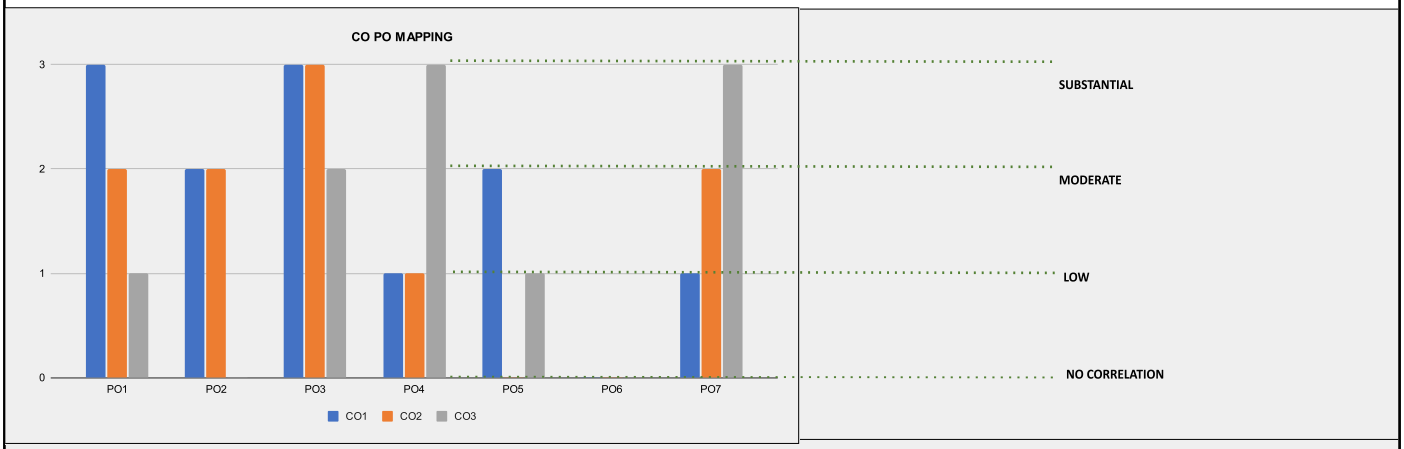
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and create different frameworks of analysis and skills of critical thinking that employed comparative (across mediums, across objects) and analytical (through a close reading) method.	L2 - Understand (Explain ideas or concepts)
CO2	To create skills of reading concepts, habit of conceptual enquiry and argumentation across forms and mediums across history of art and architecture, as well as contemporary architecture cultures.	L6 - Create (Produce new or original work)
CO3	To evaluate history of important ideas and their relationships to contemporary ideas and phenomena that shaped the world.	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	3	1	2	0	1	0	2.00
CO2	2	2	3	1	0	0	2	0	2.00
CO3	1	0	2	3	1	0	3	2	2.00
PO AVERAGE	2.00	2.00	2.67	1.67	1.50	0.00	2.00	2.00	
Conclusion and Resolution	To enable students to get familiar with various important thinkers, and work that shaped the contemporary world of art and architecture.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

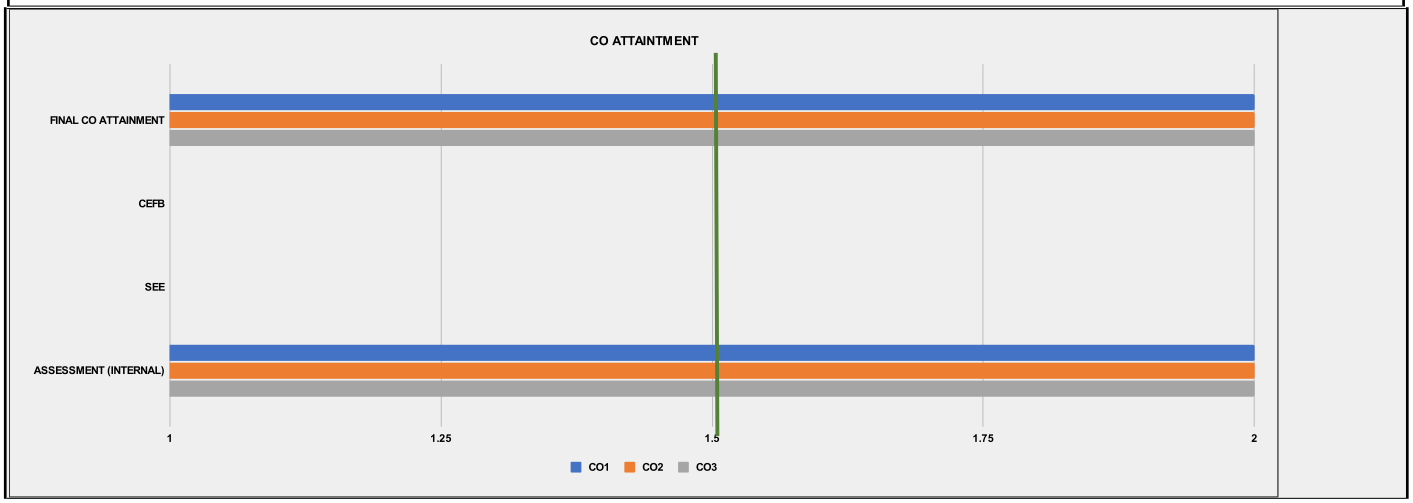
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	
INTERNAL MARKS	100	100	100	100	100	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2.5	No	The mode of thelecture and introduction to toopics needs to be more refernced based More reading based exercises to be introduced as method to enegage in theorotrical text.
CO2	2	-		2.00	3	No	
CO3	2	-		2.00	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	The mode of thelecture and introduction to toopics needs to be more refernced based More reading based exercises to be introduced as method to enegage in theorotrical text.
CO2	2	-		2.00	3	No	
CO3	2	-		2.00	2	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Professional Practice 3
COURSE CODE (AS PER MU)	BARC1010

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	2	1	3	2	2	2
CO2	3	1	2	1	3	2	2	3
CO3	2	0	1	2	3	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	The study of the architecture will be used to explain one's position and the question of ethics and code of conduct will be analysed out of that position.	3.00	Need to understand how to situate themselves in the contemporary realm of practice
CO2	To build a framework around how these practices have situated themselves within various contexts and establish a powerful way of understanding contemporary practices.	3.00	
CO3	To analyse ethical positions taken up by practices to contribute responsibly to the society, fellow professionals as well as the profession itself	3.00	

Course-level PO Attainments

PO1 Attainment	**3.00**	**PO5 Attainment**	**3.00**
PO2 Attainment	**3.00**	**PO6 Attainment**	**3.00**
PO3 Attainment	**3.00**	**PO7 Attainment**	**3.00**
PO4 Attainment	**3.00**	**PO8 Attainment**	**3.00**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Professional Practice 3
COURSE CODE (AS PER MU)	BARC1010
FACULTY	Mamta Patwardhan, Shuchi Joshi
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	50

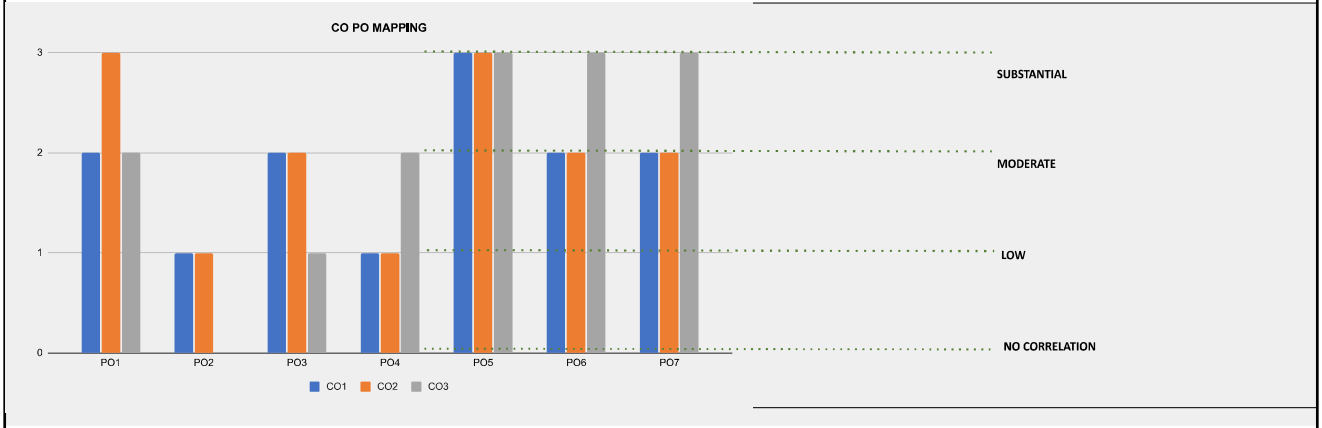
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	The study of the architecture will be used to explain one's position and the question of ethics and code of conduct will be analysed out of that position.	L4 - Analyse (Draw connections among ideas)
CO2	To build a framework around how these practices have situated themselves within various contexts and establish a powerful way of understanding contemporary practices.	L2 - Understand (Explain ideas or concepts)
CO3	To analyse ethical positions taken up by practices to contribute responsibly to the society, fellow professionals as well as the profession itself	L4 - Analyse (Draw connections among ideas)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	2	1	3	2	2	2	1.88
CO2	3	1	2	1	3	2	2	3	2.13
CO3	2	0	1	2	3	3	3	3	2.43
PO AVERAGE	2.33	1.00	1.67	1.33	3.00	2.33	2.33	2.67	
Conclusion and Resolution	The course was successful in developing the need to understand how to situate themselves in the contemporary realm of practice								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

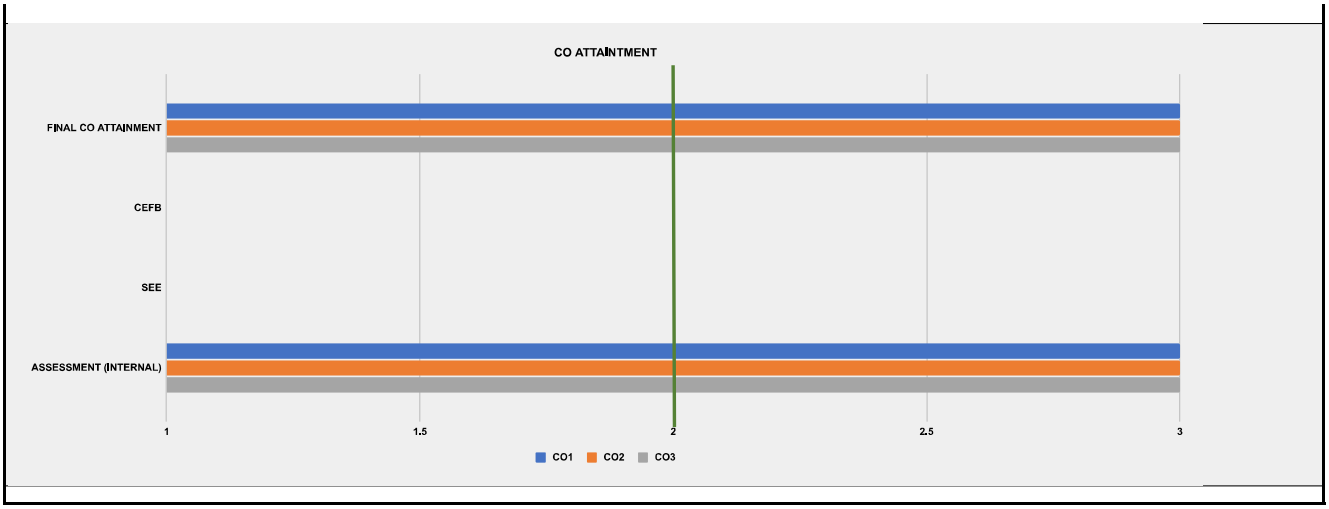
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	3	Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	-		3.00	3	Yes	
CO3	3	-		3.00	3	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	3	Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	-		3.00	3	Yes	
CO3	3	-		3.00	3	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2017-2018
SEMESTER	SEM 10
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Design Dissertation 2
COURSE CODE (AS PER MU)	BARD 1011

COPO Mapping

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	2	0	2	2	2
CO2	3	3	3	2	1	3	3	3
CO3	2	2	3	2	0	3	3	3
CO4	1	1	1	1	0	1	1	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Develop analytical skills and apply design strategies to create a socially and ecologically responsive architecture.	2.50	
CO2	Ability to respond to site characteristics, including urban context and developmental patterns, historical fabric, soil, topography, ecology, climate, and building orientation, in the development and resolution of the architecture.	2.40	Better exercises to be conducted to help students respond better to the site context and develop a resolved architecture design.
CO3	Understand and develop tectonic and structural resolution. Learn to combine the systematic/methodological learning from various stages of study and analysis in the design process towards culmination of an informed design.	2.50	
CO4	Develop graphical representation and presentation skills to explain architecture design proposal.	2.70	

Course-level PO Attainments

PO1 Attainment		2.49		**PO5 Attainment**	2.40
PO2 Attainment		2.49		**PO6 Attainment**	2.49
PO3 Attainment		2.49		**PO7 Attainment**	2.49
PO4 Attainment		2.50		**PO8 Attainment**	2.53

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2021-2022
SEMESTER	SEM 10
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Design Dissertation 2
COURSE CODE (AS PER MU)	BARD 1011
FACULTY	Aneerudha, Manoj, Ainsley, Rohan, Jamshid, Vikram, Sonal, Shweta, Kimaya, George, Ginella, Minal, Pinkish, Shirish, Mamta, Sandeep, Nemish, Nikhil, Jude, Apurva
FACULTY INCHARGE	Ginella
TOTAL MARKS	400

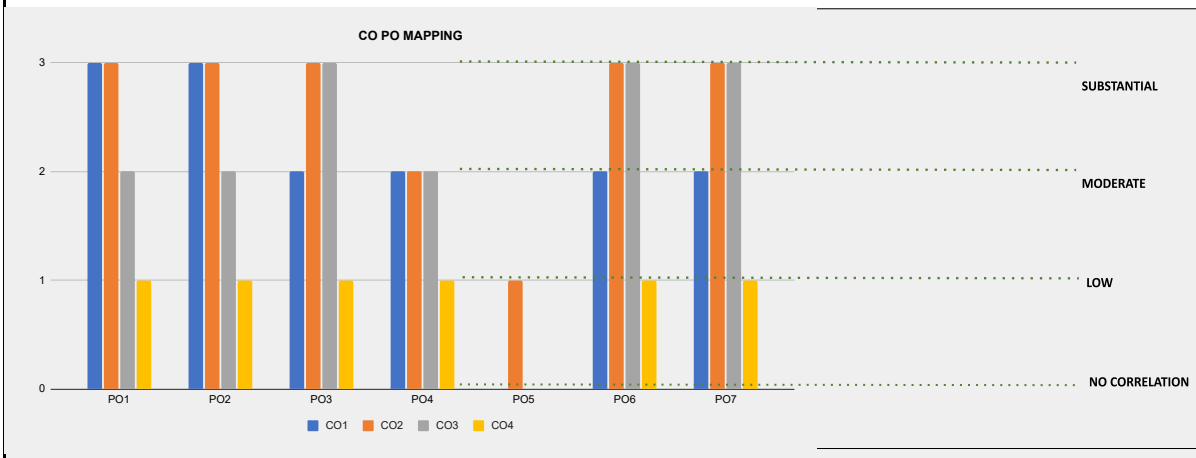
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Develop analytical skills and apply design strategies to create a socially and ecologically responsive architecture.	L4 - Analyse (Draw connections among ideas)
CO2	Ability to respond to site characteristics, including urban context and developmental patterns, historical fabric, soil, topography, ecology, climate, and building orientation, in the development and resolution of the architecture.	L6 - Create (Produce new or original work)
CO3	Understand and develop tectonic and structural resolution. Learn to combine the systematic/methodological learning from various stages of study and analysis in the design process towards culmination of an informed design.	L6 - Create (Produce new or original work)
CO4	Develop graphical representation and presentation skills to explain architecture design proposal.	L6 - Create (Produce new or original work)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	3	2	2	0	2	2	2	2.29
CO2	3	3	3	2	1	3	3	3	2.63
CO3	2	2	3	2	0	3	3	3	2.57
CO4	1	1	1	1	0	1	1	3	1.29
PO AVERAGE	2.25	2.25	2.25	1.75	1.00	2.25	2.25	2.75	
Conclusion and Resolution	This course helps assess the culmination of the student's knowledge, attitudes and skills over the course of studies in architecture through a final design proposal.								

CORRELATION LEVELS FOR POS

1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



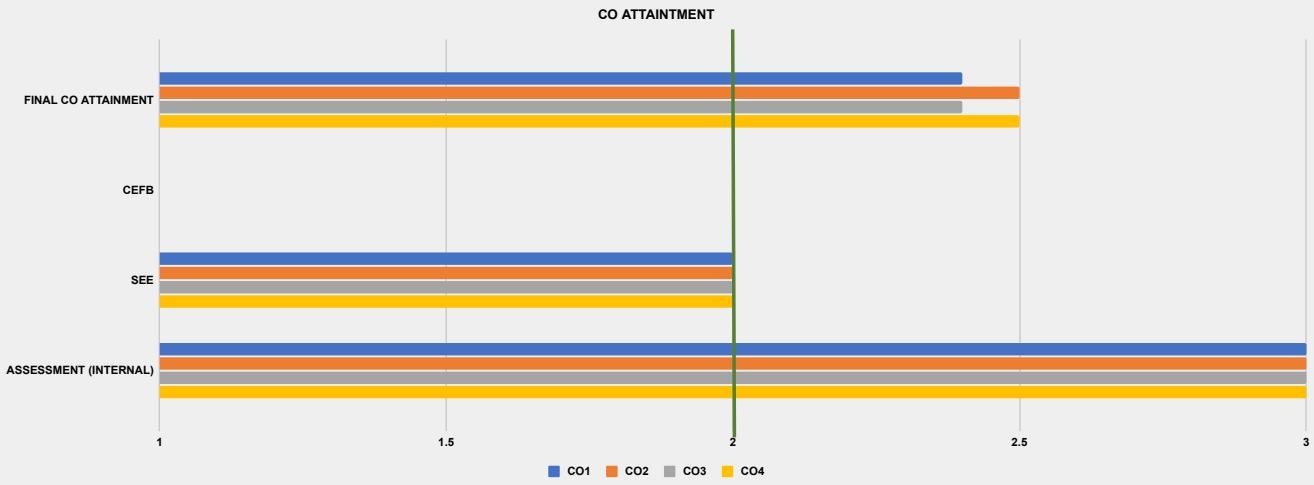
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	120
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	110

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	
INTERNAL MARKS	40	50	40	50	0	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
SEE	60	50	60	50	0	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	ALWAYS ENSURE THE TOTAL IS 100 %

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	2	-	2.4	2	Yes	Better exercises to be conducted to help students develop tectonic and structural resolution. Better exercises to be conducted to help students develop their graphical representation and presentation skills.
CO2	3	2	-	2.50	3	No	
CO3	3	2	-	2.40	2.5	No	
CO4	3	2	-	2.50	2.5	Yes	



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