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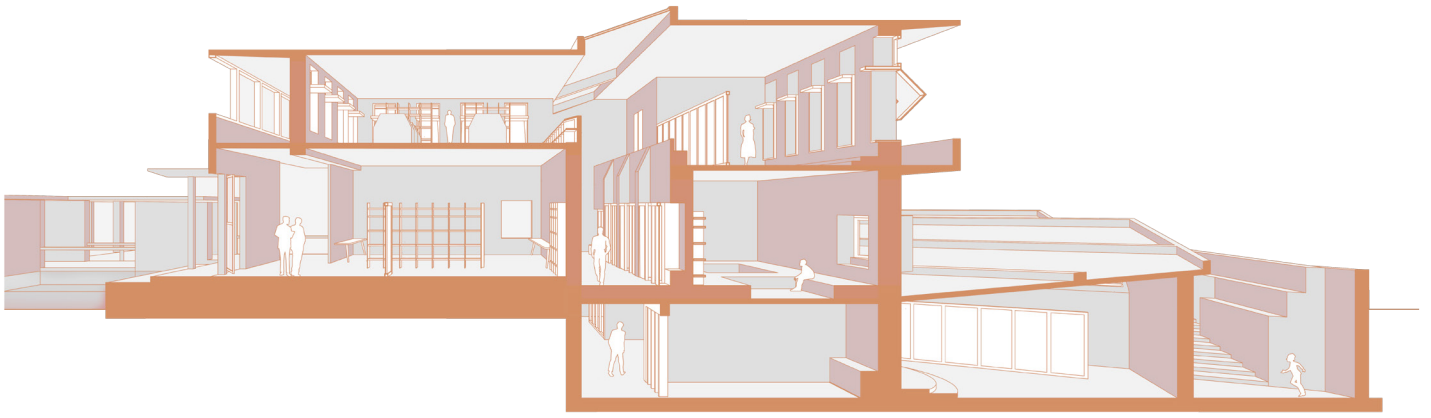

I.Q.A.C. Compilation
B. Arch

2019-20

Approved by
Council of Architecture

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Kamla Raheja Vidyanidhi Institute for
Architecture & Environmental Studies

Contact:

Rutika Parulkar
Course co-ordinator, Bachelors Program

Vidyanidhi Bhawan II,
Vidyanidhi Marg,
J.V.P.D.Scheme,
Mumbai - 400 049
Maharashtra, India

NAAC Co-ordinator
Kimaya Keluskar
Assistant Professor, KRVIA

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2019-20 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.	**2.51**
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)	**2.51**
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)	**2.52**
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.53**
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.52**
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).	**2.52**

Dean's Report

2019 - 20

Analysis of Programme Objectives

The attainment level of the program outcomes is encouraging as the numbers indicate an upward trend even though there are introduction of new courses on contemporary themes and induction of practicing architects in the design studios.

Despite the disruption towards the fag end of the academic year and moving to an online mode of teaching the attainment levels was encouraging.

Each and every PO's has shown an improvement. PO1,PO2,PO3, PO4 have shown .02 improvement while PO5 and PO7 have an improvement of .03. PO6 and PO8 have shown an improvement of .04.

It is evident that the corrective measures recommended in the earlier year are effective and hence a marked improvement in the overall attainment of the Program objectives.

Corrective Measures

1. Though the results are encouraging with respect to the experiments and initiatives undertaken in the earlier academic year we will have to see how to recalibrate our expectations owing to the COVID pandemic.

2. The end of term conducted in the online mode raised some fundamental issues with regards to the teaching of architecture.

3. The faculty and the students will have to prepare courses for the online mode of teaching that may result in covering all the issues in each lecture and having very little face to face interaction with the learner.

4. Assignments have to be worked out for the convenience of the students' context as many have

moved back and are also in the confines of their home as mandated by COVID protocol.

5. The online mode is also a great opportunity for the learners to attend international seminars, lectures and workshops.

6. The MCQ method of testing was not the best method to assess the learners knowledge however all the guidelines, rules and regulations were adhered to.

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First Year

First Year Report

2019-20. 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.	**2.45**	The critical thinking can be augmented through more example-based and field driven exposure in forms of special lectures and reading material.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.45**	looking at the technical and the theoretical subjects in tandem might help in creating a balance between the analytical and the intuitive
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.44**	Students to be enabled to read architecture through its drawings or means of representation and theoretical understand the implication of the physicality of form to the overall conceptual framework that these works write themselves within .
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.46**	Encouraging looking at newer and little explored concepts, sites and cultures through theory as well as site visits
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.46**	Pushing more shared responsibilites through group design exercises with component of individual marking in the curriculum
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.46**	Students can be encouraged to look at the social fabric of the study trip sites through interaction of how and why things get constructed there
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.45**	Exploring the tectonics of architecture in a very basic form can help in thinking about the embedded process. Also, through environmental studies to think about what system architecture is a part of
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).	**2.45**	The students may be introduced to read the architectural building with respect to the ouevre of work of the architect. They may start, in the simplest ways to understand the nature of authorship of individual architects.

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Semester 1

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	3	3	2	2	3	2
CO2	3	3	3	1	2	2	2	2
CO3	2	3	3	3	2	1	1	2
CO4	2	3	2	2	0	2	2	2
CO5	2	3	2	2	0	1	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To read and analyze context for design.	2.00	Can integrate the process into simpler steps
CO2	To understand and translate concepts in artistic practice outside of architecture into spatial concepts.	2.00	
CO3	To conceptualize and develop a design process through, drawings and models as a response to context.	2.00	
CO4	To create/author an original individual design response or final work.	2.00	
CO5	To apply techniques of spatial representation in the form of final drawings and models.	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	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Design Studio I
COURSE CODE (AS PER MU)	BARC101
FACULTY	Ainsley, Nikhil, Shraddha, Amisha, Rohit M, Ankush, Misbah, Sonal San. TA: Smriti, Aishwarya
FACULTY INCHARGE	Ainsley Lewis
TOTAL MARKS	150

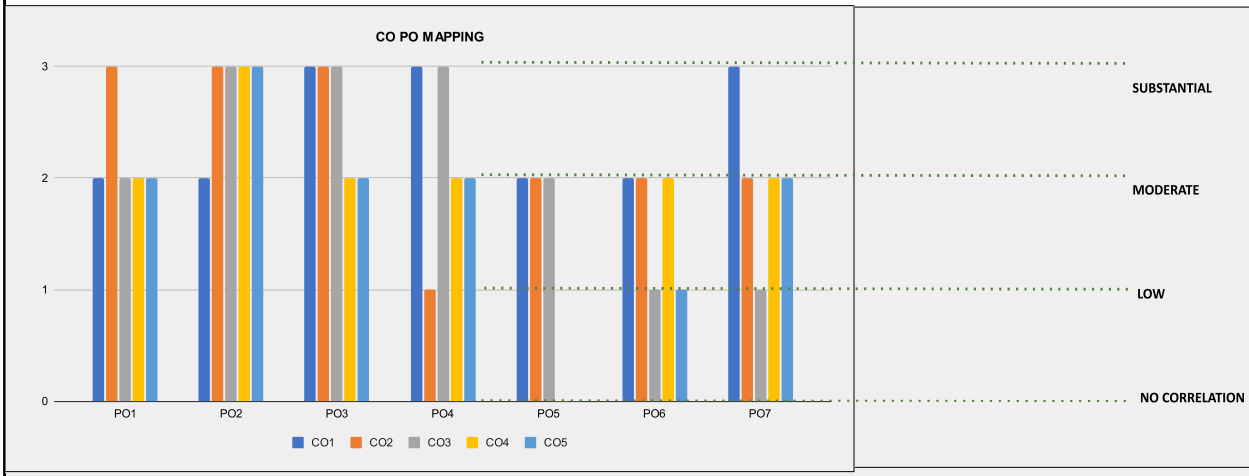
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To read and analyze context for design.	L4 - Analyse (Draw connections among ideas)
CO2	To understand and translate concepts in artistic practice outside of architecture into spatial concepts.	L3 - Apply (Use information in new situations)
CO3	To conceptualize and develop a design process through, drawings and models as a response to context.	L5 - Evaluate (Justify a stand or decision)
CO4	To create/author an original individual design response or final work.	L6 - Create (Produce new or original work)
CO5	To apply techniques of spatial representation in the form of final drawings and models.	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	3	3	2	2	3	2	2.38
CO2	3	3	3	1	2	2	2	2	2.25
CO3	2	3	3	3	2	1	1	2	2.13
CO4	2	3	2	2	0	2	2	2	2.14
CO5	2	3	2	2	0	1	2	2	2.00
PO AVERAGE	2.20	2.80	2.60	2.20	2.00	1.60	2.00	2.00	
Conclusion and Resolution	Can introduce sites or situations with a greater complexity in the exercises.								

CORRELATION LEVELS FOR POS

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

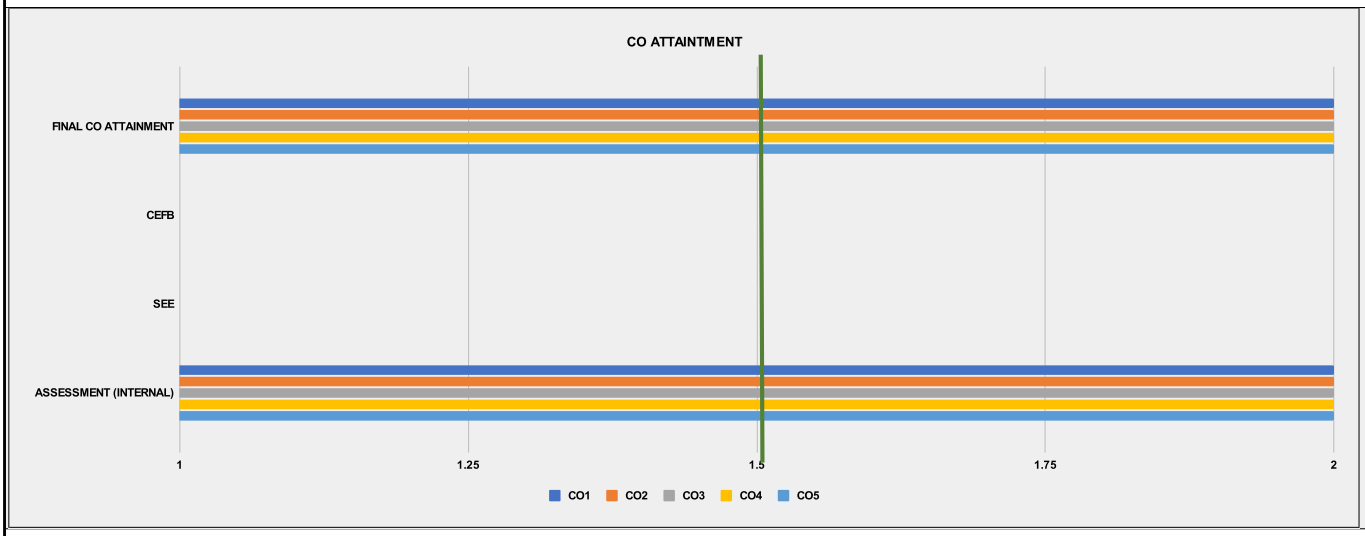


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	More lectures with examples
CO3	2	-		2.00	3	No	Can integrate the process into simpler steps
CO4	2	-		2.00	2.5	No	Can integrate the process into simpler steps
CO5	2	-		2.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	1	3	2	1	0	1	2	0
CO2	1	3	2	1	0	1	2	2
CO3	2	3	2	1	0	1	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand and analyse their own experience of space and context	2.00	
CO2	To explore the expressive and narrative possibilities of drawing as spatial representations.	2.00	
CO3	To engage in an iterative process to create/author an original individual work	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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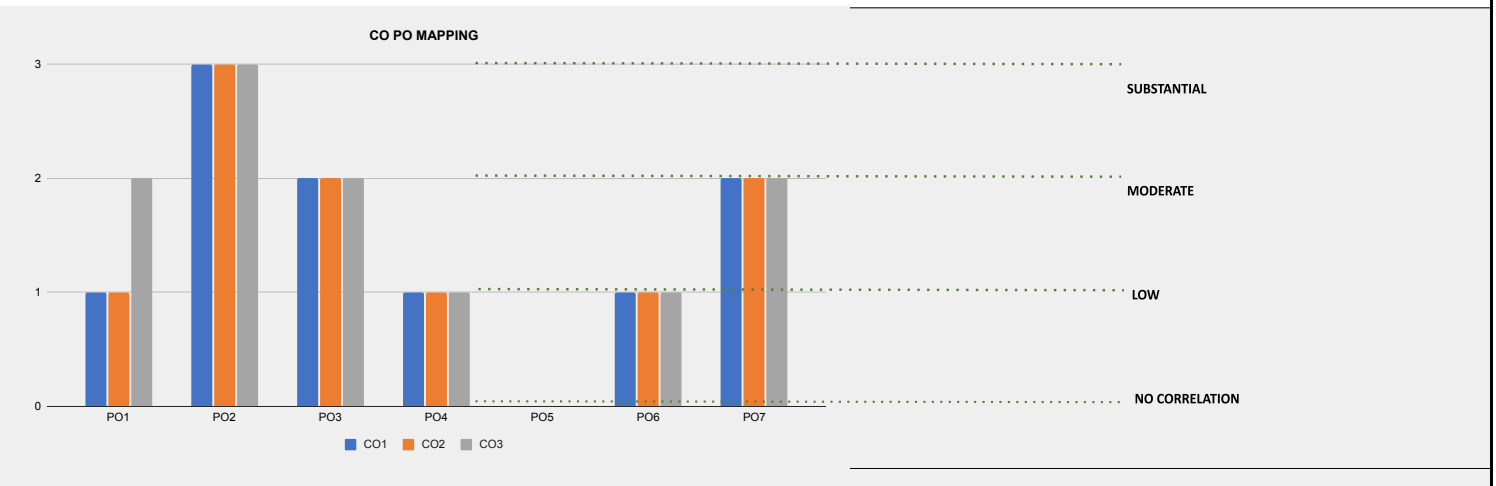
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio I
COURSE CODE (AS PER MU)	BARC102
FACULTY	Kausik M, Misbah H, Pratyusha S, Sonal S, Kruti H, Mansi B
FACULTY INCHARGE	Kausik M
TOTAL MARKS	150

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and analyse their own experience of space and context	L4 - Analyse (Draw connections among ideas)
CO2	To explore the expressive and narrative possibilities of drawing as spatial representations.	L3 - Apply (Use information in new situations)
CO3	To engage in an iterative process to 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	2	1	0	1	2	0	1.67
CO2	1	3	2	1	0	1	2	2	1.71
CO3	2	3	2	1	0	1	2	2	1.86
PO AVERAGE	1.33	3.00	2.00	1.00	0.00	1.00	2.00	2.00	
Conclusion and Resolution	The course involved only drawing exercises. Instead the exercises can be a mix of drawing and making to achieve more pedagogic objectives.								

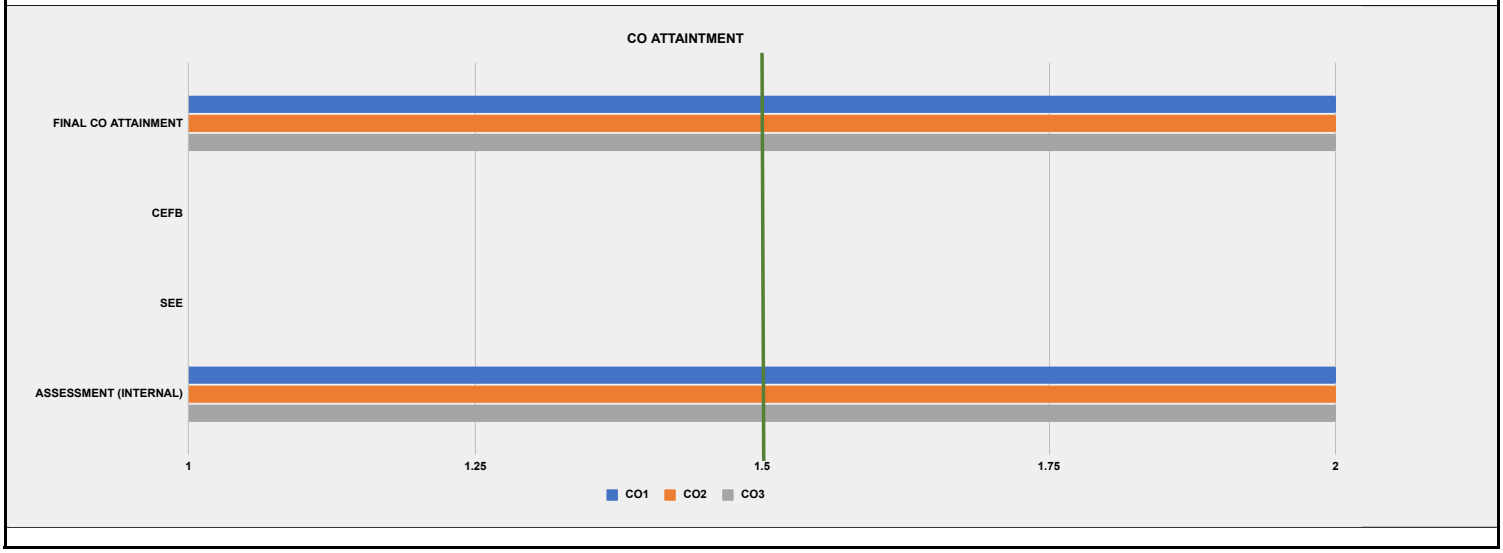
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
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	2	-		2.00	2.5	No	Introduce tools/lenses for analysis
CO2	2	-		2.00	2.5	No	Conduct lecture-presentations on techniques
CO3	2	-		2.00	2.5	No	Allot longer time for the process work



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.60	
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 materials through drawing plates and hands-on experiments	2.65	

Course-level PO Attainments

PO1 Attainment	2.62	**PO5 Attainment**	2.66
PO2 Attainment	2.61	**PO6 Attainment**	2.62
PO3 Attainment	2.61	**PO7 Attainment**	2.61
PO4 Attainment	2.69	**PO8 Attainment**	2.64

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Ainsley Lewis, Ankush Chandran, Sanaeya Vandrewala
FACULTY INCHARGE	Ainsley Lewis
TOTAL MARKS	150

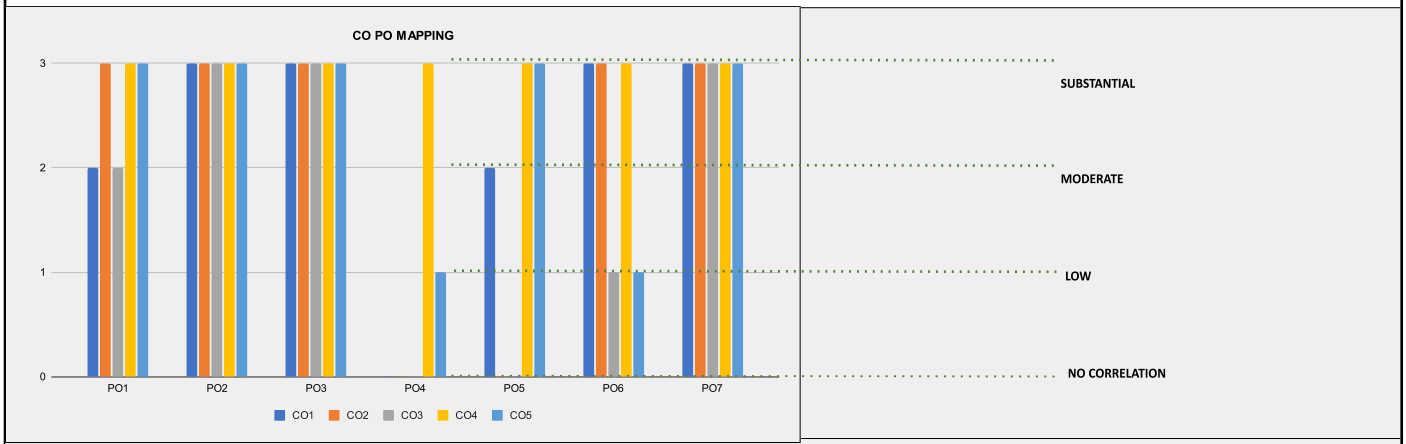
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the role of Building elements in a system of construction	L2 - Understand (Explain ideas or concepts)
CO2	Understanding the properties of materials such as brick and wood, their relevance, and their application to the load-bearing 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 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	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	This shows how the course outcomes of the subject are aligned with the 8 POs. The course requires to address socio-cultural systems and theoretical concepts in co-relation to technical and technological systems to ideate the subjects implications in the world that surrounds us								

CORRELATION LEVELS FOR POS

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



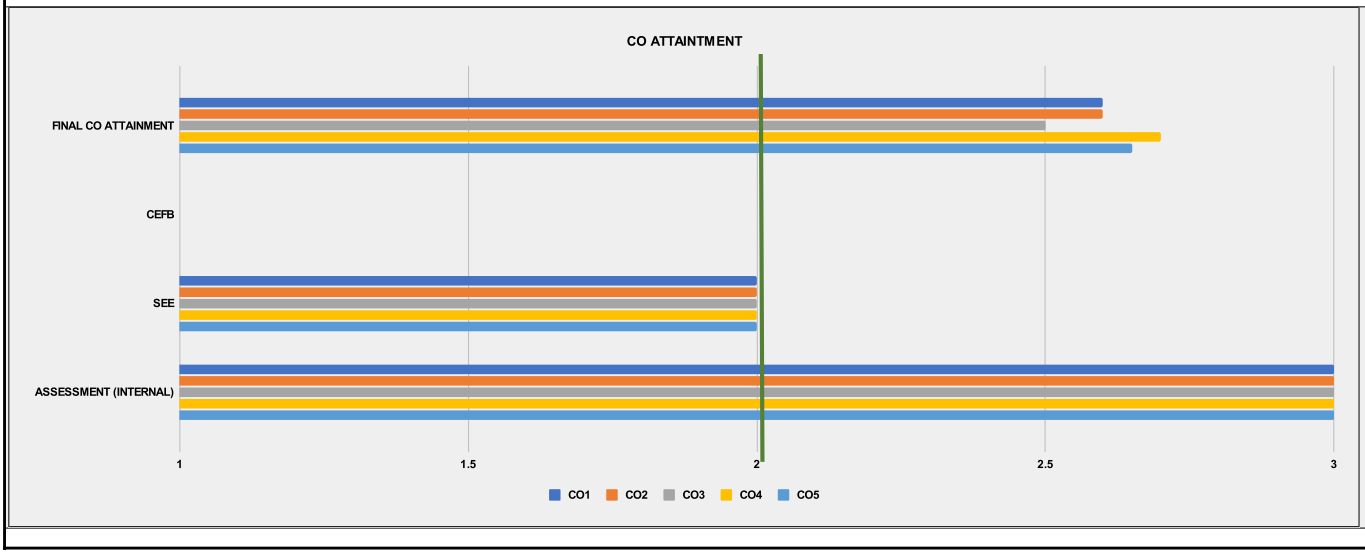
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	42

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	70	65	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	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	-	2.6	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	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Set goals for the course a bit higher
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	Difficulty level of the task needs to be revised
CO3	Gaining a basic understanding of the process of structural design for simple and complex structural systems.	2.50	Complexity of the exercise needs to be increased
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	Method of the task needs to be revised

Course-level PO Attainments

PO1 Attainment	2.53	PO5 Attainment	2.65
PO2 Attainment	2.51	PO6 Attainment	2.60
PO3 Attainment	2.45	PO7 Attainment	2.49
PO4 Attainment	2.43	PO8 Attainment	2.61

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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., Kumaraguru, Neeraj V.
FACULTY INCHARGE	Rajitha G
TOTAL MARKS	100

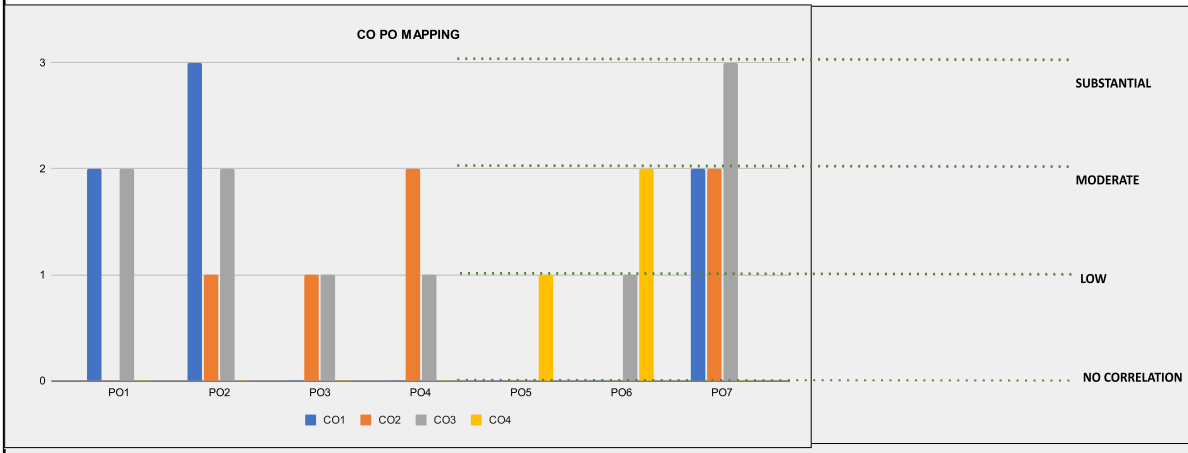
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Developing an intuitive understanding of the relevant rules of physics in the context of structural behavior.	L2 - Understand (Explain ideas or concepts)
CO2	To gain a thorough understanding of how construction techniques and materials interact 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

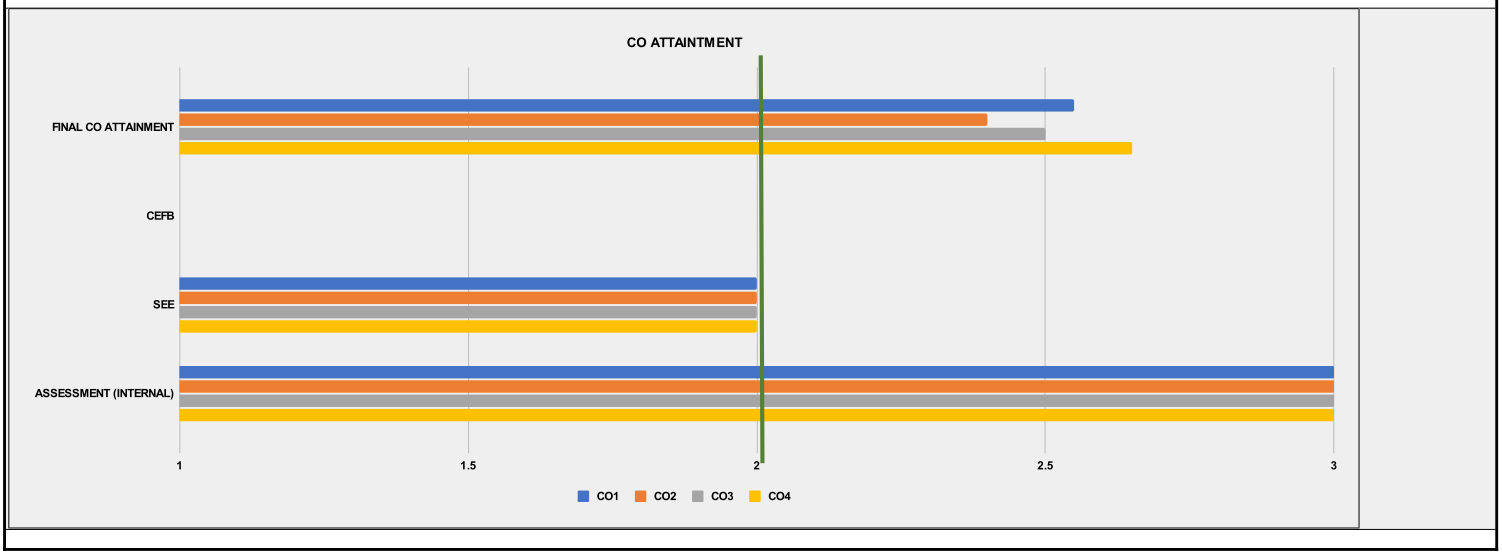
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	27
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	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	Set goals for the course a bit higher
CO2	3	2	-	2.40	2.5	No	Difficulty level of the task needs to be revised
CO3	3	2	-	2.50	2.5	Yes	Complexity of the exercise needs to be increased
CO4	3	2	-	2.65	2.5	Yes	Method of the task needs to be revised



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	1	1	3	2	2	3	1
CO2	3	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.	2.40	more examples need to be provided in the lectures
CO2	Students will adopt a conceptual framework to comprehend the diversity and affinity among settlement patterns and forms.	2.60	-
CO3	Students will be able to identify social and natural determining factors through a reading of morphology and spatial patterns.	2.50	-

Course-level PO Attainments

PO1 Attainment			2.51		PO5 Attainment		2.50
PO2 Attainment			2.50		PO6 Attainment		2.50
PO3 Attainment			2.50		PO7 Attainment		2.50
PO4 Attainment			2.50		PO8 Attainment		2.40

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 1
COURSE CODE (AS PER MU)	BARC105
FACULTY	Hussain, Shweta
FACULTY INCHARGE	Hussain Indorewala
TOTAL MARKS	100

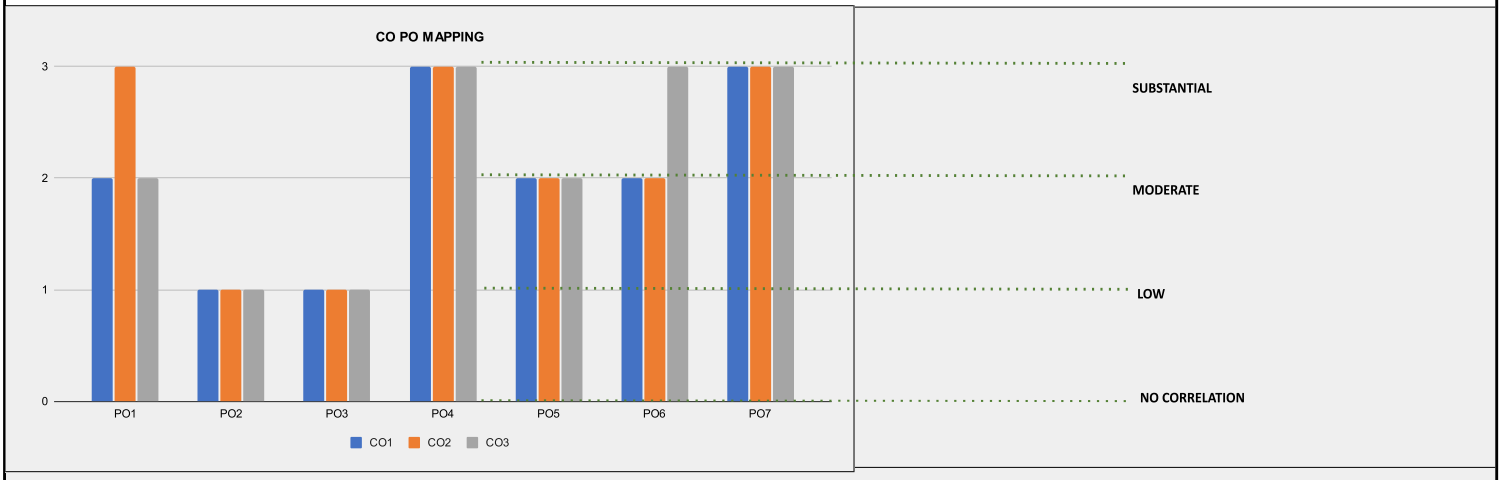
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will be able to distinguish the 'ideal types' of pre-modern and modern, as well as vernacular and planned settlements.	L4 - Analyse (Draw connections among ideas)
CO2	Students will adopt a conceptual framework to comprehend the diversity and affinity among settlement patterns and forms.	L2 - Understand (Explain ideas or concepts)
CO3	Students will be able to identify social and natural determining factors through a reading of morphology and spatial patterns.	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	2	3	1	1.88
CO2	3	1	1	3	2	2	3	0	2.14
CO3	2	1	1	3	2	3	3	0	2.14
PO AVERAGE	2.33	1.00	1.00	3.00	2.00	2.33	3.00	1.00	
Conclusion and Resolution	CO can be improved through class exercises								

CORRELATION LEVELS FOR POS

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



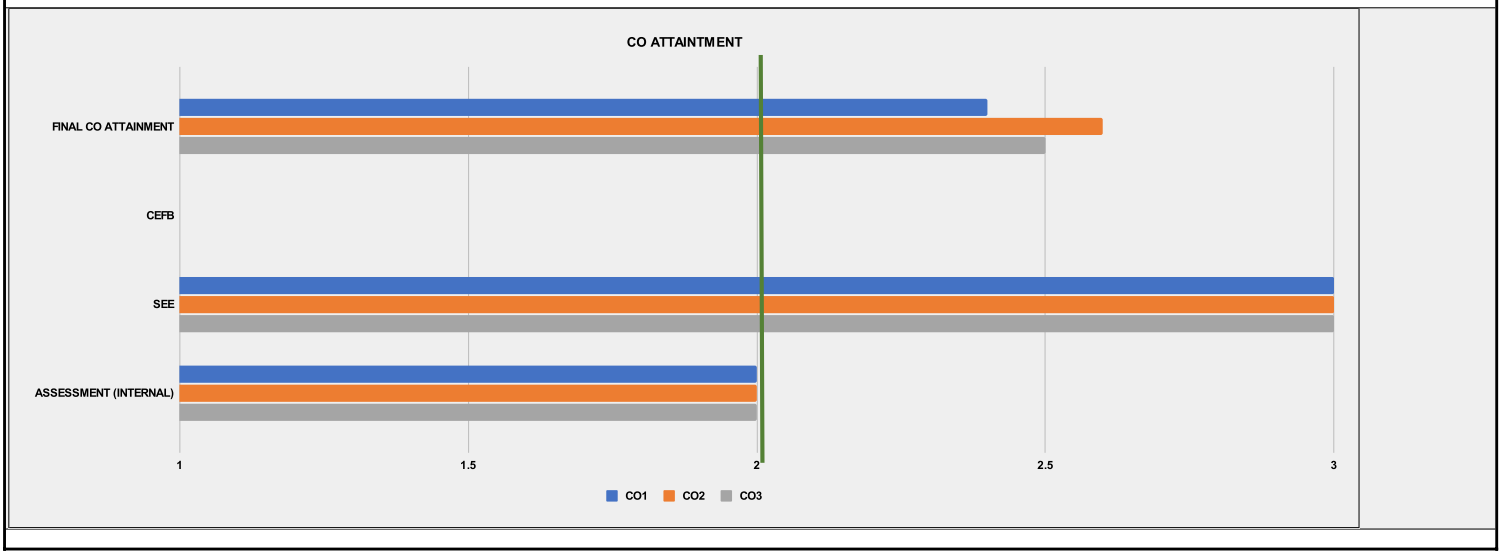
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	38

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	60	40	50	70	50	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	60	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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.4	2.5	No	more examples need to be provided in the lectures
CO2	2	3	-	2.60	2.5	Yes	-
CO3	2	3	-	2.50	2.5	Yes	-



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PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.00	To explain the concepts more comprehensively
CO2	To critically inquire the perceptions, ideologies, philosophies concerning the natural environment; from carbon trading to conservation, sustainability and green practices.	2.00	To introduce novel philosophies and concepts
CO3	To understand nature and built, and look at architecture as a response to the bio-geo-climatic conditions.	2.00	Target achieved
CO4	To engage with and apply the ideas and concepts that have shaped environment-sensitive architectural thinking.	2.00	To introduce more complex environment sensitive projects

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	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies I
COURSE CODE (AS PER MU)	BARC106
FACULTY	Kimaya K,Minal Y, Sandeep M
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	50

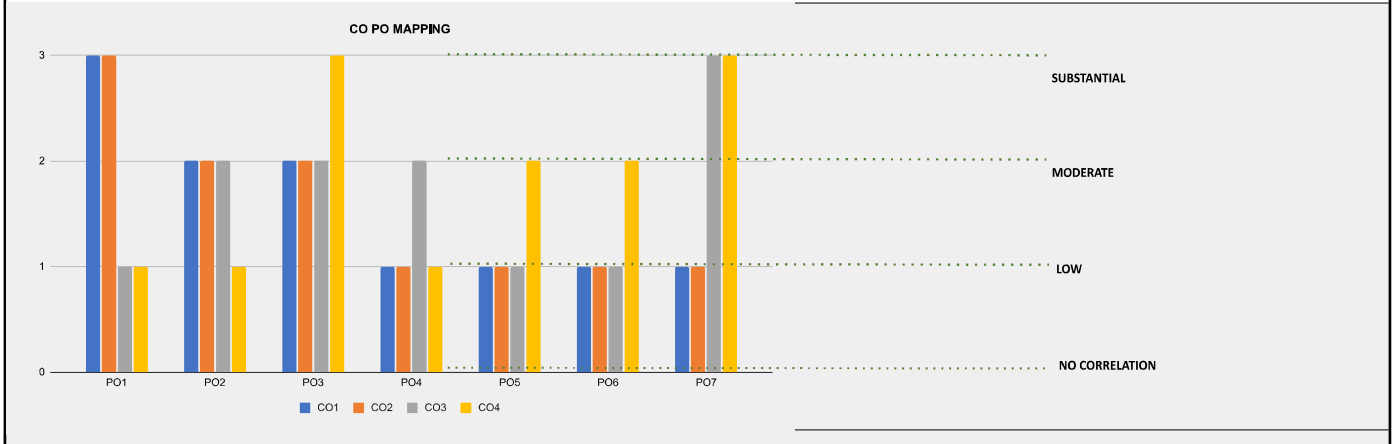
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To explore concepts such as natural resources, the relationship between built environments and their natural setting, agro-ecological systems, traditional farming practices, self-sustaining landscapes, urban biodiversity, habitats, forest foods, 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.	L2 - Understand (Explain ideas or concepts)
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 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

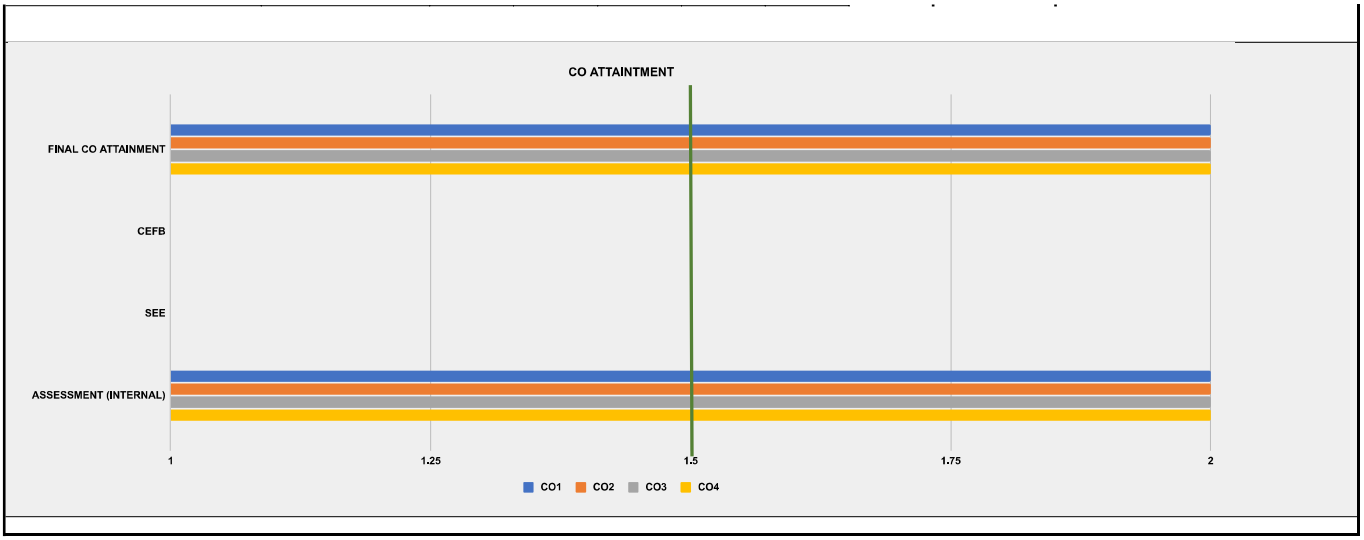
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	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 the concepts more comprehensively
CO2	2	-		2.00	2	Yes	To introduce novel philosophies and concepts
CO3	2	-		2.00	2	Yes	Target achieved
CO4	2	-		2.00	2	Yes	To introduce more complex environment sensitive projects

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 the concepts more comprehensively
CO2	2	-		2.00	2	Yes	To introduce novel philosophies and concepts
CO3	2	-		2.00	2	Yes	Target achieved
CO4	2	-		2.00	2	Yes	To introduce more complex environment sensitive projects



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3	2	3	0	0	0	0	2
CO3	3	2	3	0	0	0	0	2
CO4	2	3	3	3	0	0	2	3
CO5	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 understand relationships between the choice of medium, also use of critical or expressive intents, in the making and form of visual representations.	3.00	
CO3	Enable students to evaluate the architectural representation as a method of investigating architectural design in society.	3.00	
CO4	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	3.00	
CO5	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**	**0.38**
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	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing I
COURSE CODE (AS PER MU)	BARC107
FACULTY	SANDEEP, MAMTA, MISBAH, SONAL, SANAEYA, ANKUSH, PRATYUSHA, KAUSHIK, MANSI
FACULTY INCHARGE	SONAL
TOTAL MARKS	150

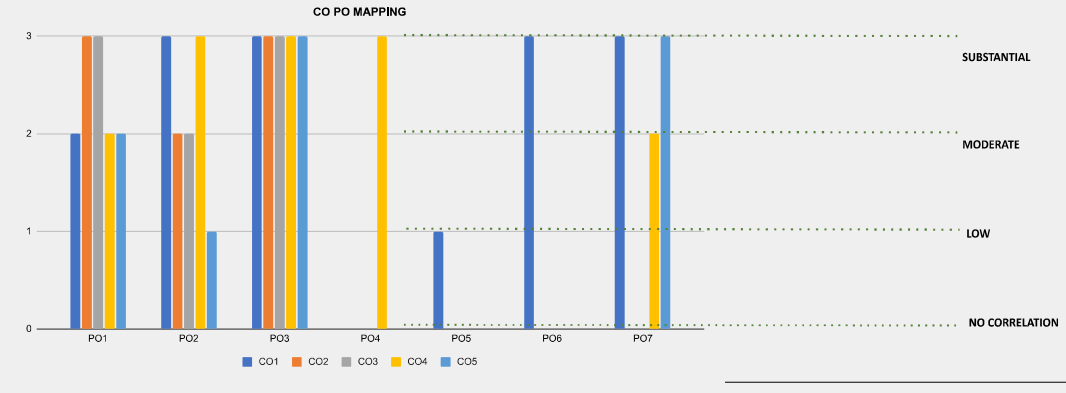
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understand the techniques and methods for a comprehensive architectural representation.	L2 - Understand (Explain ideas or concepts)
CO2	Enable students to understand relationships between the choice of medium, also use of critical or expressive intents, in the making and form of visual representations.	L2 - Understand (Explain ideas or concepts)
CO3	Enable students to evaluate the architectural representation as a method of investigating architectural design in society.	L4 - Analyse (Draw connections among ideas)
CO4	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	L6 - Create (Produce new or original work)
CO5	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	3	2	3	0	0	0	0	2	2.50
CO3	3	2	3	0	0	0	0	2	2.50
CO4	2	3	3	3	0	0	2	3	2.67
CO5	2	1	3	0	0	0	3	0	2.25
PO AVERAGE	2.40	2.20	3.00	3.00	1.00	3.00	2.67	2.25	
Conclusion and Resolution	The course aims at individual representational understading so some of the program outcomes, specficially pertaining to social, collective.								

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	90

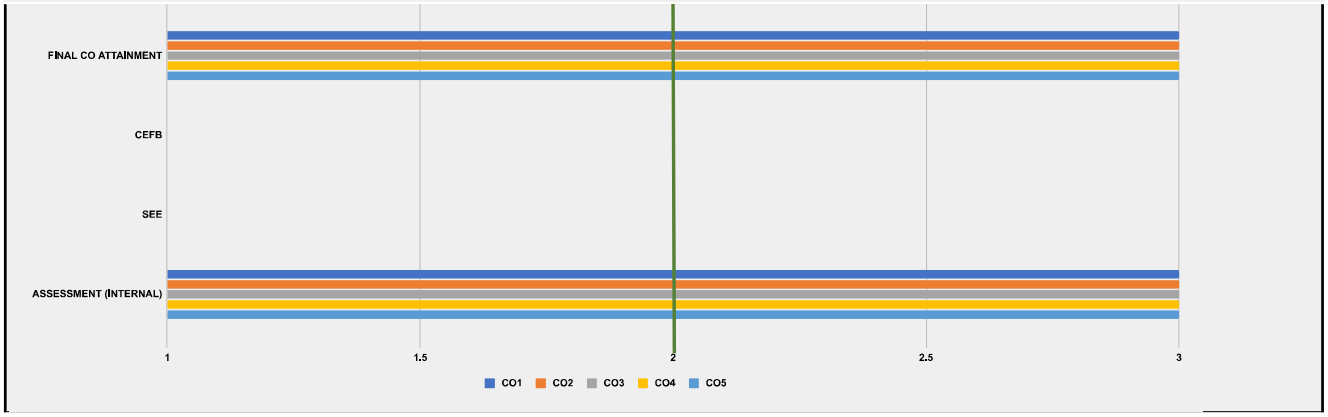
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	2.6	Yes	
CO2	3	-		3.00	2.6	Yes	
CO3	3	-		3.00	2.6	Yes	
CO4	3	-		3.00	2.6	Yes	
CO5	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	2.6	Yes	
CO2	3	-		3.00	2.6	Yes	
CO3	3	-		3.00	2.6	Yes	
CO4	3	-		3.00	2.6	Yes	
CO5	3	-		3.00	2.5	Yes	



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PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	1	3	3	0	3	3	3	0
CO2	1	3	3	0	0	1	3	2
CO3	0	2	3	0	0	1	3	0
CO4	2	0	0	3	3	3	3	1
CO5	2	0	0	3	3	3	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to recognize, conceptualize, ideate, and iterate structural systems as a part of design	2.00	
CO2	To develop an analytical understanding of structural systems and validating the same through physical testing/ evaluation	2.00	
CO3	To develop an intuitive understanding of materials, their inherent properties, and their mechanical behaviour in structural systems. To enable the students to work with various tools and instrument in order to shape and handle the assigned material in their designs	2.00	
CO4	To critically analyze the spaces and objects around them that have shaped the world that surrounds them and to evaluate them as they emerge from socio-economic structures. To apply these with respect to how they locate and see themselves in the world	2.00	
CO5	To evaluate these spaces and objects as acts of design that embody ideas and develop a consciousness about their own acts of design.	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	2019-2020
SEMESTER	SEM 1
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects I
COURSE CODE (AS PER MU)	BARP120
FACULTY	B.Tech (Kaushik, Apurva P., George, Shirish, Sonal)+ Architec-tural Theory (Kaushik, Sonal)
FACULTY INCHARGE	B.Tech (Kaushik) Architectural Theory (Kaushik)
TOTAL MARKS	100

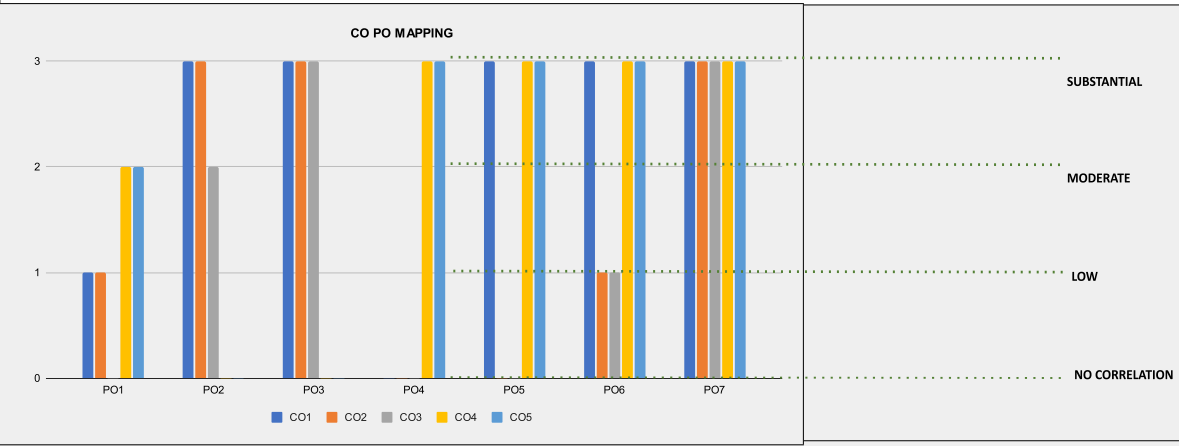
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to recognize, conceptualize, ideate, and iterate structural systems as a part of design	L6 - Create (Produce new or original work)
CO2	To develop an analytical understanding of structural systems and validating the same through physical testing/ evaluation	L4 - Analyse (Draw connections among ideas)
CO3	To develop an intuitive understanding of materials, their inherent properties, and their mechanical behaviour in structural systems. To enable the students to work with various tools and instrument in order to shape and handle the assigned material in their designs	L2 - Understand (Explain ideas or concepts)
CO4	To critically analyze the spaces and objects around them that have shaped the world that surrounds them and to evaluate them as they emerge from socio-economic structures. To apply these with respect to how they locate and see themselves in the world	L4 - Analyse (Draw connections among ideas)
CO5	To evaluate these spaces and objects as acts of design that embody ideas and develop a consciousness about their own acts of 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	1	3	3	0	3	3	3	0	2.67
CO2	1	3	3	0	0	1	3	2	2.17
CO3	0	2	3	0	0	1	3	0	2.25
CO4	2	0	0	3	3	3	3	1	2.50
CO5	2	0	0	3	3	3	3	1	2.50
PO AVERAGE	1.50	2.67	3.00	3.00	3.00	2.20	3.00	1.50	
Conclusion and Resolution	Application of Architectural Theory in Building Technology will help anchor the outcome of the course in thereotical approaches and application								

CORRELATION LEVELS FOR POS

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



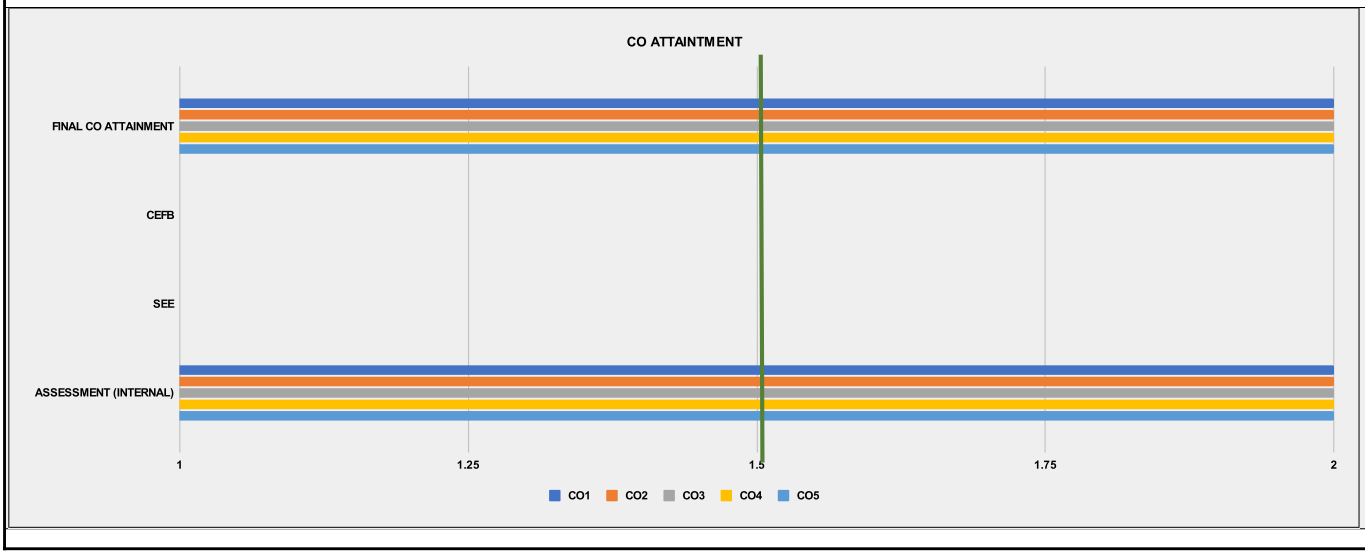
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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 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	2	Yes	
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	
CO5	2	-		2.00	2	Yes	



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Semester 2

PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	2	2	3	3	2	2	3	2
CO2	3	3	3	1	2	2	2	2
CO3	2	3	3	3	2	1	1	2
CO4	2	3	2	2	0	2	2	2
CO5	2	3	2	2	0	1	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To read and analyze context for design.	2.00	
CO2	To understand and translate concepts in artistic practice outside of architecture into spatial concepts.	2.00	
CO3	To conceptualize and develop a design process through, drawings and models as a response to context.	2.00	There can be a more open and accomodating approach to design process in the beginning.
CO4	To create/author an original individual design response or final work.	2.00	There can be a more open and accomodating approach to design process in the beginning.
CO5	To apply techniques of spatial representation in the form of final drawings and models.	2.00	

Course-level PO Attainments

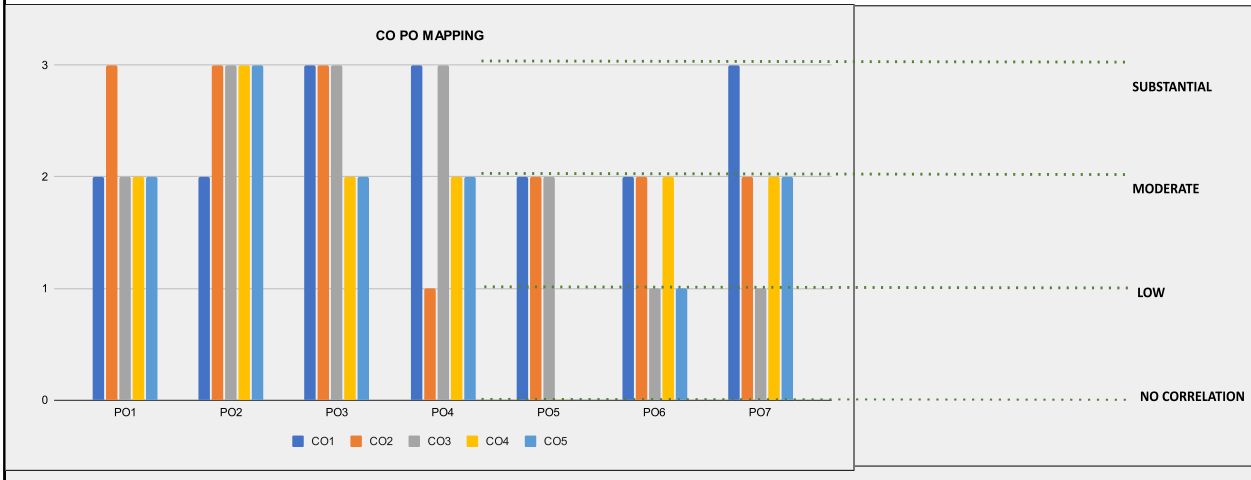
PO1 Attainment			2.00		**PO5 Attainment**			2.00
PO2 Attainment			2.00		**PO6 Attainment**			2.00
PO3 Attainment			2.00		**PO7 Attainment**			2.00
PO4 Attainment			2.00		**PO8 Attainment**			2.00

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Design Studio 2
COURSE CODE (AS PER MU)	BARC201
FACULTY	Ainsley, Nikhil, Shraddha, Amisha, Rohit M, Ankush, Misbah, Sonal San. TA: Smriti, Aishwarya
FACULTY INCHARGE	Ainsley Lewis
TOTAL MARKS	150

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To read and analyze context for design.	L4 - Analyse (Draw connections among ideas)
CO2	To understand and translate concepts in artistic practice outside of architecture into spatial concepts.	L2 - Understand (Explain ideas or concepts)
CO3	To conceptualize and develop a design process through, drawings and models as a response to context.	L5 - Evaluate (Justify a stand or decision)
CO4	To create/author an original individual design response or final work.	L6 - Create (Produce new or original work)
CO5	To apply techniques of spatial representation in the form of final drawings and models.	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	3	3	2	2	3	2	2.38
CO2	3	3	3	1	2	2	2	2	2.25
CO3	2	3	3	3	2	1	1	2	2.13
CO4	2	3	2	2	0	2	2	2	2.14
CO5	2	3	2	2	0	1	2	2	2.00
PO AVERAGE	2.20	2.80	2.60	2.20	2.00	1.60	2.00	2.00	
Conclusion and Resolution	Projects could encourage a basic mapping of the site as a field ofsocio-economic, cultural forces that affect								

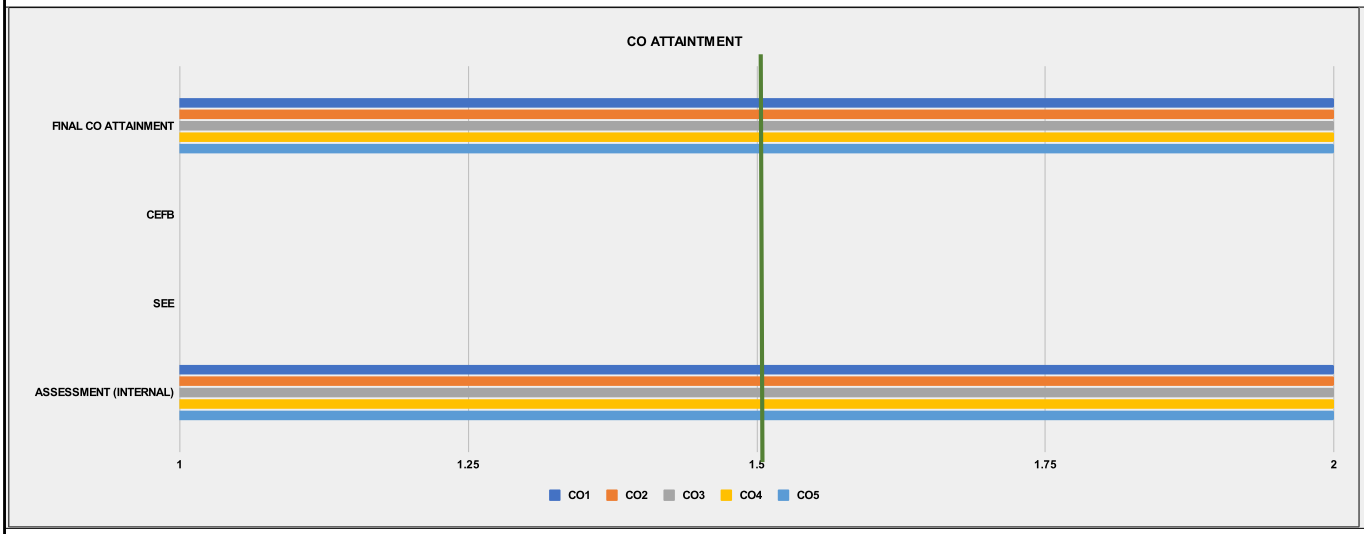
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	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	Yes	
CO3	2	-		2.00	2.5	No	There can be a more open and accomodating approach to design process in the beginning.
CO4	2	-		2.00	2.5	No	There can be a more open and accomodating approach to design process in the beginning.
CO5	2	-		2.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	0	1	1	0
CO2	1	3	3	0	1	0	1	0
CO3	2	3	3	0	0	0	1	1
CO4	2	3	3	0	0	0	3	2
CO5	2	2	2	0	0	0	0	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand and analyse their own experience of space and context	3.00	Setting a maximum scale for the projects may help.
CO2	To understand the expressive and narrative possibilities of drawing as spatial representations.	3.00	Projects can be more complex
CO3	To understand and analyse the qualities of material and form through material and formal experiments.	3.00	
CO4	To create/author an original individual work.	3.00	
CO5	To evaluate their work through an iterative design process	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

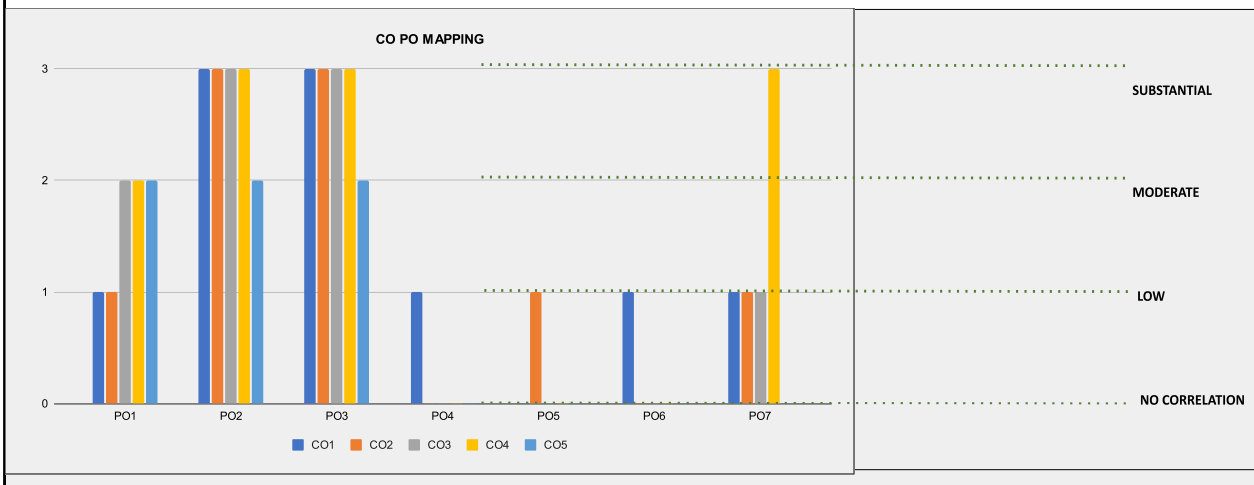
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 2
COURSE CODE (AS PER MU)	BARC202
FACULTY	Kausik M, Misbah H, Pratyusha S, Sonal S, Kruti H, Mansi B
FACULTY INCHARGE	Kausik M
TOTAL MARKS	150

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and analyse their own experience of space and context	L4 - Analyse (Draw connections among ideas)
CO2	To understand the expressive and narrative possibilities of drawing as spatial representations.	L3 - Apply (Use information in new situations)
CO3	To understand and analyse the qualities of material and form through material and formal experiments.	L5 - Evaluate (Justify a stand or decision)
CO4	To create/author an original individual work.	L6 - Create (Produce new or original work)
CO5	To evaluate their work through an iterative 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	1	3	3	1	0	1	1	0	1.67
CO2	1	3	3	0	1	0	1	0	1.80
CO3	2	3	3	0	0	0	1	1	2.00
CO4	2	3	3	0	0	0	3	2	2.60
CO5	2	2	2	0	0	0	0	3	2.25
PO AVERAGE	1.60	2.80	2.80	1.00	1.00	1.00	1.50	1.50	
Conclusion and Resolution	he second term must engage with much more complexity- go beyond the self as a mode of enquiry into challenging and unfamiliar environments to achieve more pedagogic objectives.								

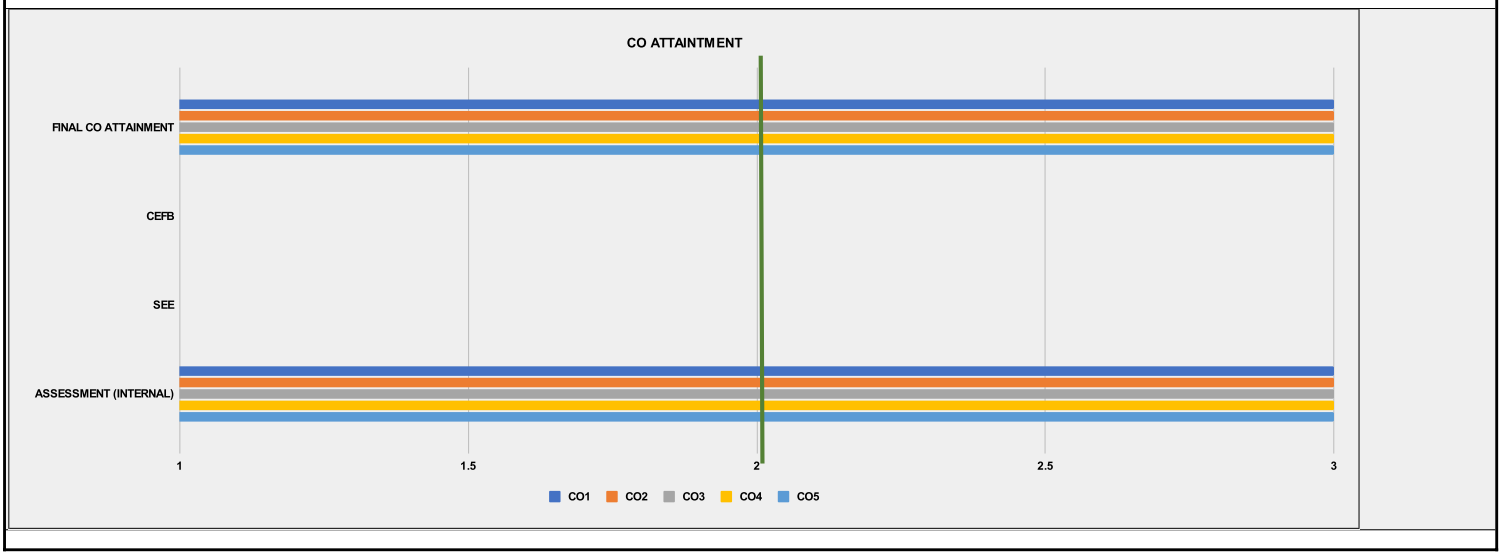
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	90

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	More lecture presentations. Showing physical works rather than images.
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2	Yes	Setting a maximum scale for the projects may help.
CO4	3	-		3.00	2.5	Yes	Projects can be more complex
CO5	3	-		3.00	2.5	Yes	



PROGRAM	FIRST YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	3.00	
CO2	Understand material properties, characteristics, costs, dimensions, joinery with the same material as well as other materials and sizes available in the market	3.00	
CO3	Analytical understanding of the hierarchy and the articulation of Timber framed systems	3.00	
CO4	Ability to imagine alternate materials that can be used to achieve similar tectonic and experiential requirements	3.00	
CO5	Evaluation of structural articulation of materials through drawing plates and hands-on experiments	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	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Ainsley Lewis, Ankush Chandran, Sanaeya Vandrewala
FACULTY INCHARGE	Ainsley Lewis
TOTAL MARKS	150

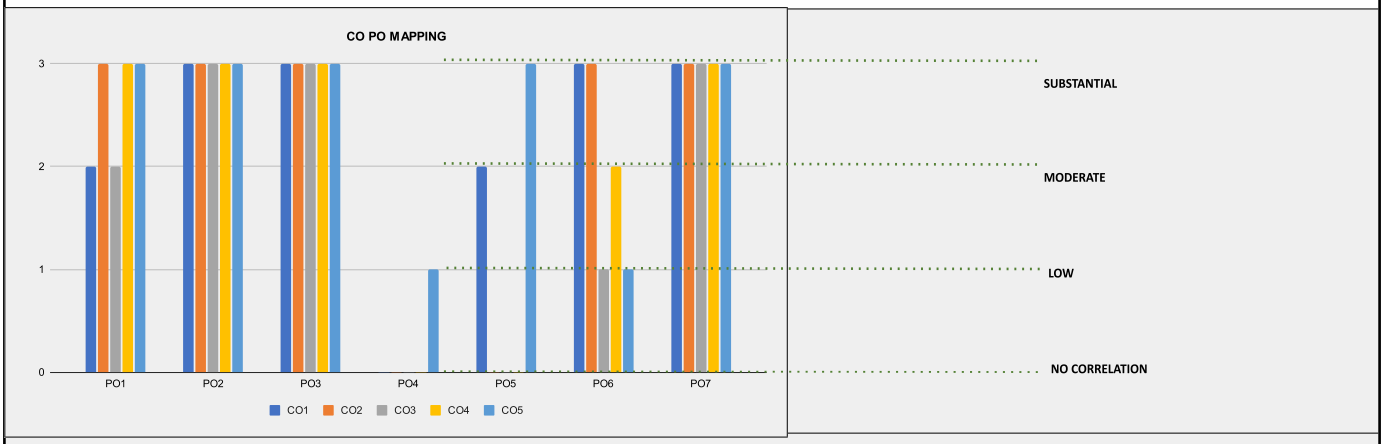
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the role of Building elements in a system of construction	L2 - Understand (Explain ideas or concepts)
CO2	Understand material properties, characteristics, costs, dimensions, joinery with the same material as well as other materials 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	This shows how the course outcomes of the subject are aligned with the 8 POs. The course requires to address socio-cultural systems and theoretical concepts in co-relation to technical and technological systems to ideate the subjects implications in the world that surrounds us								

CORRELATION LEVELS FOR POS

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



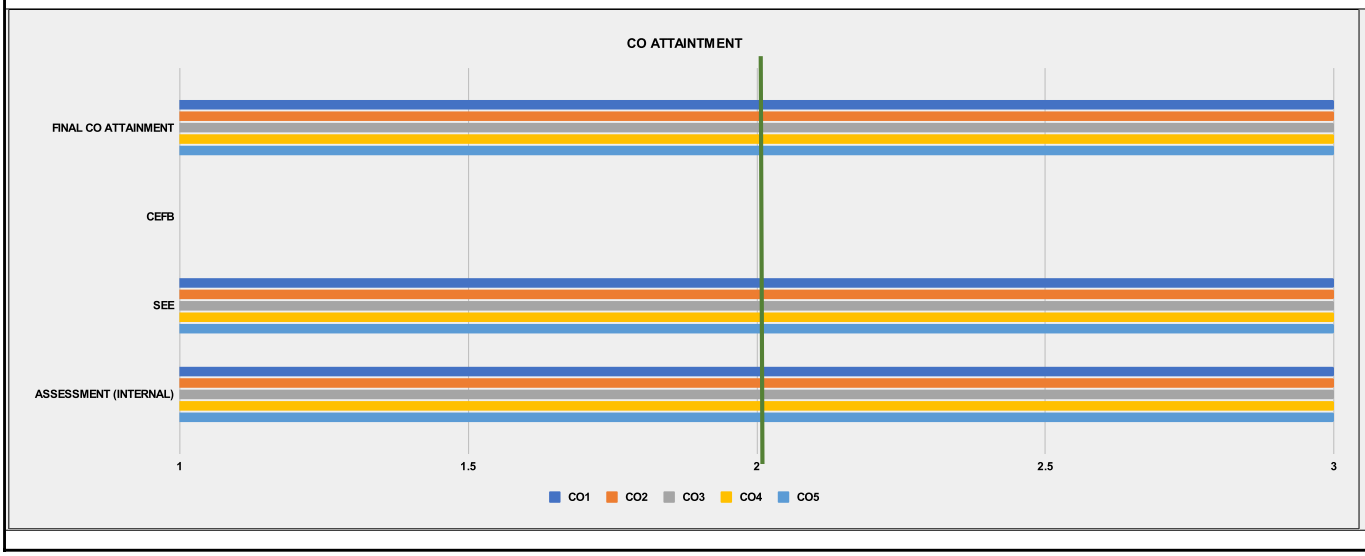
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	40
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	46

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	3	-	3	2.57	Yes	
CO2	3	3	-	3.00	2.83	Yes	
CO3	3	3	-	3.00	2.40	Yes	
CO4	3	3	-	3.00	2.50	Yes	
CO5	3	3	-	3.00	2.43	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

Course-level PO Attainments

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

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Rajitha G
TOTAL MARKS	100

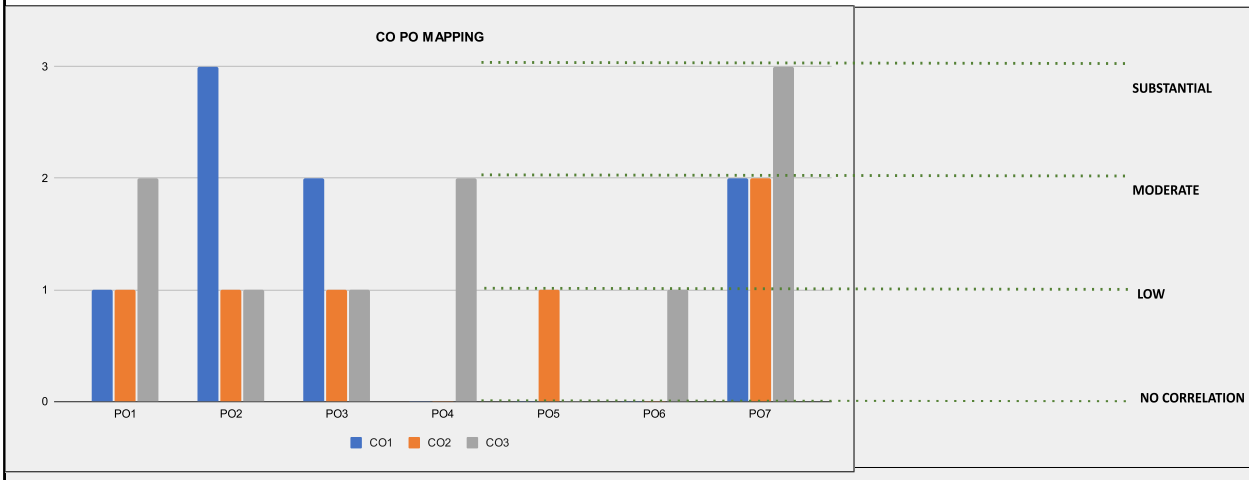
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Apply problem-solving skills to analyze and design trusses, considering their behavior under different loading conditions and optimizing their structural performance.	L3 - Apply (Use information in new situations)
CO2	Comprehend the properties 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
CO4									
CO5									
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



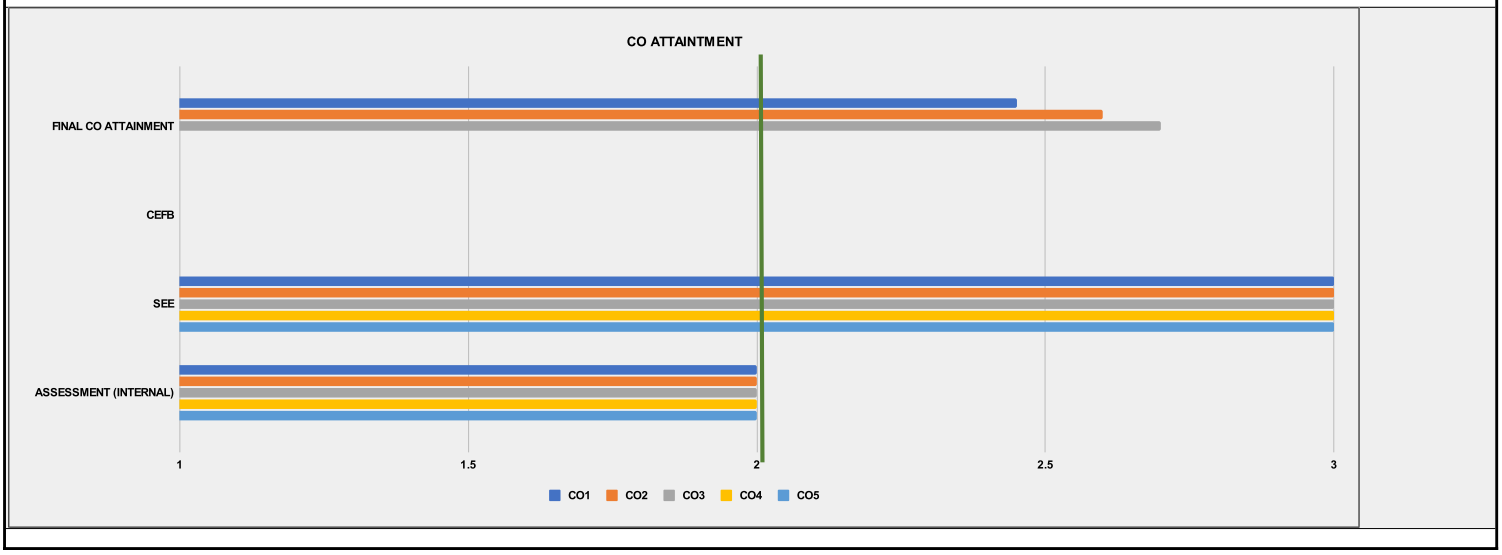
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	32
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	26

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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2.5	No	Make the task less complex Set goals for the course a bit higher Method of the task needs to be revised
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	0.00		Yes	
CO5	2	3	-	0.00		Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	0	2	1	3	0	0	3	3
CO2	0	0	0	1	0	1	3	3
CO3	2	1	2	3	1	3	3	1

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding the role of religion in defining and determining the culture of a society.	2.00	
CO2	Evaluating the evolution of architecture through the agrarian and mercantile mode of production.	1.80	Will create smaller reading exercises for easier understanding.
CO3	Understanding the role of religion in defining and determining the culture of a society.	2.00	

Course-level PO Attainments

PO1 Attainment			2.00		PO5 Attainment		2.00
PO2 Attainment			2.00		PO6 Attainment		1.95
PO3 Attainment			2.00		PO7 Attainment		1.93
PO4 Attainment			1.97		PO8 Attainment		1.91

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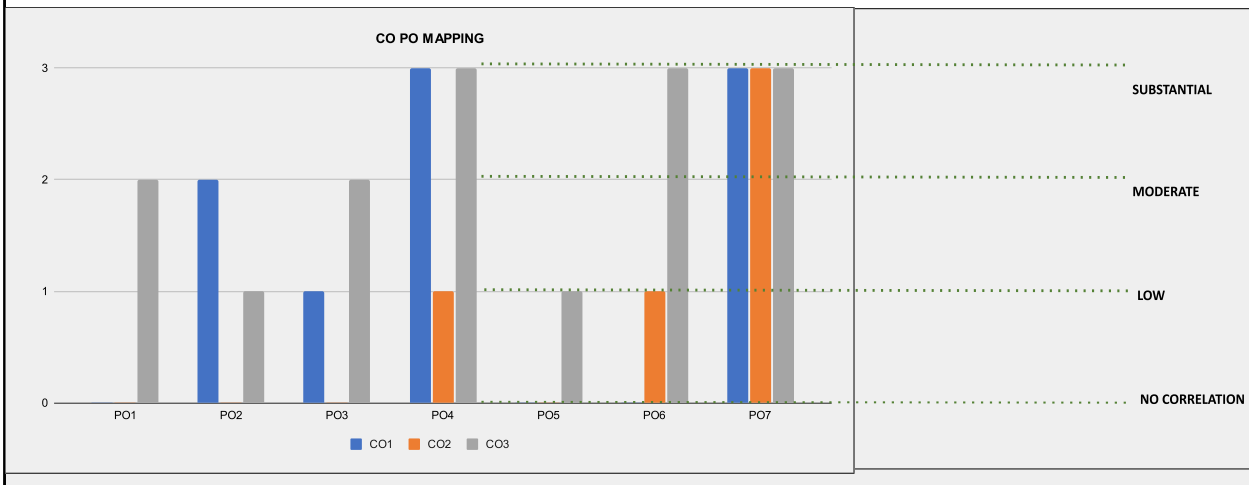
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 2
COURSE CODE (AS PER MU)	BARC205
FACULTY	Ginella George, Sarah George
FACULTY INCHARGE	Ginella George, Sarah George
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the role of religion in defining and determining the culture of a society.	L2 - Understand (Explain ideas or concepts)
CO2	Evaluating the evolution of architecture through the agrarian and mercantile mode of production.	L5 - Evaluate (Justify a stand or decision)
CO3	Understanding the role of religion in defining and determining the culture of a society.	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	0	2	1	3	0	0	3	3	2.40
CO2	0	0	0	1	0	1	3	3	2.00
CO3	2	1	2	3	1	3	3	1	2.00
PO AVERAGE	2.00	1.50	1.50	2.33	1.00	2.00	3.00	2.33	
Conclusion and Resolution	Course achieves a moderate resolution.								

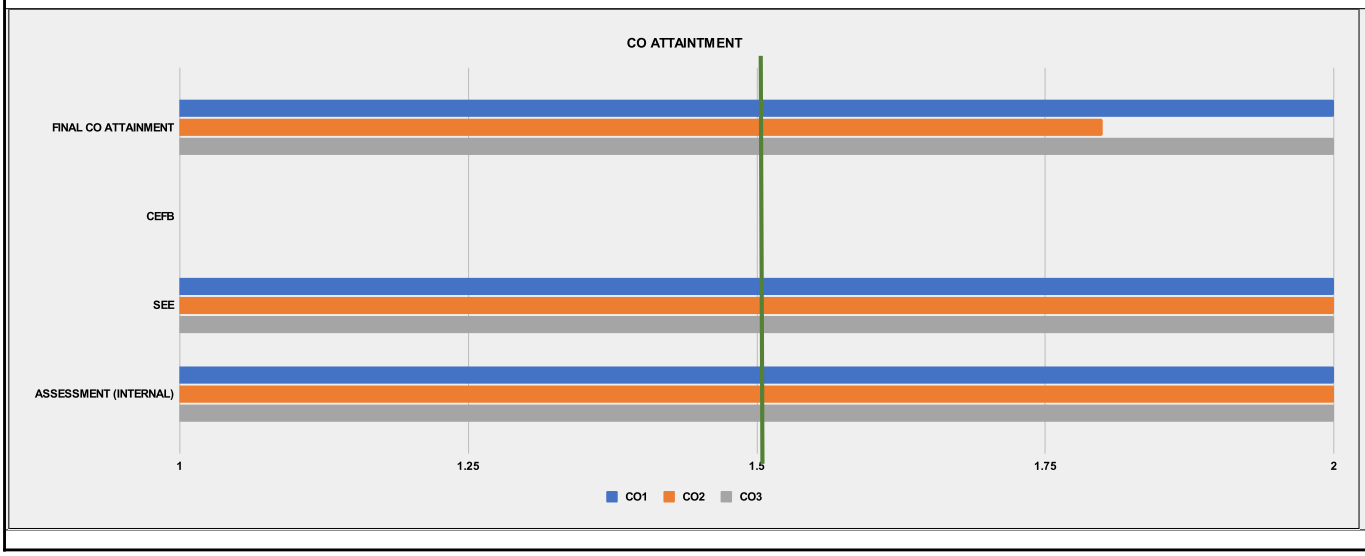
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	34
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	27

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	30	25	40	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	70	65	60	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	2	-	2	2	Yes	Will create smaller reading exercises for easier understanding.
CO2	2	2	-	1.80	2	No	
CO3	2	2	-	2.00	2	Yes	



PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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 climatology, elements of climate, and how architectural design principles have responded to different climate zones.	2.00	To explain the concepts more comprehensively
CO2	To explore concepts of urban ecology, and apply alternate design techniques using renewable and natural resources, and also adopt sustainable practices.	2.00	To explain concepts with international and national case studies
CO3	To understand, engage with and apply the ideas and concepts that have shaped environment-sensitive architectural thinking.	2.00	Target achieved as planned

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	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 2
COURSE CODE (AS PER MU)	BARC206
FACULTY	Kimaya K,Minal Y, Sandeep M
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	50

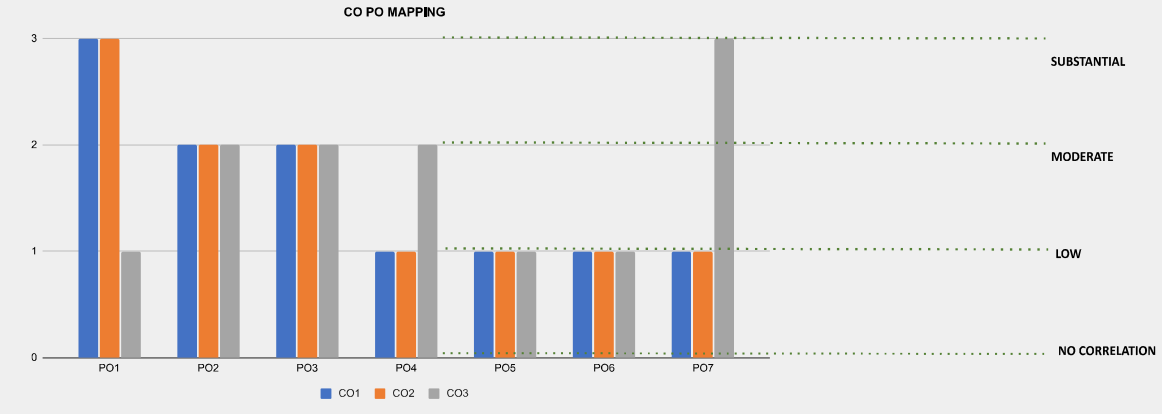
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To critically focus on concepts of climatology, elements of climate, and how architectural design principles have responded to different climate zones.	L5 - Evaluate (Justify a stand or decision)
CO2	To explore concepts of urban ecology, and apply alternate design techniques using renewable and natural resources, and also adopt sustainable practices.	L2 - Understand (Explain ideas or concepts)
CO3	To understand, 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
PO AVERAGE	2.33	2.00	2.00	1.33	1.00	1.00	1.67	1.33	
Conclusion and Resolution	The course outcomes slightly align 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	32

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	2	-		2.00	2.5	No	To explain the concepts more comprehensively
CO2	2	-		2.00	2.5	No	To explain concepts with international and national case studies
CO3	2	-		2.00	2	Yes	Target 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	-		2.00	2.5	No	To explain the concepts more comprehensively
CO2	2	-		2.00	2.5	No	To explain concepts with international and national case studies
CO3	2	-		2.00	2	Yes	Target achieved as planned

PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3	2	3	0	0	0	0	2
CO3	3	2	3	0	0	0	0	2
CO4	2	3	3	3	0	0	2	3
CO5	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 understand relationships between the choice of medium, also use of critical or expressive intents, in the making and form of visual representations.	3.00	
CO3	Enable students to evaluate architectural representation as a method of investigating architectural design in society.	3.00	
CO4	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	3.00	
CO5	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**	0.38
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	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing II
COURSE CODE (AS PER MU)	BARC207
FACULTY	DIPTI, KEYA, ABHIJIT, SHREYA, NIBEDITA, MANSI, KAUSHIK, ASEEM, SONAL, MISBAH
FACULTY INCHARGE	SONAL
TOTAL MARKS	150

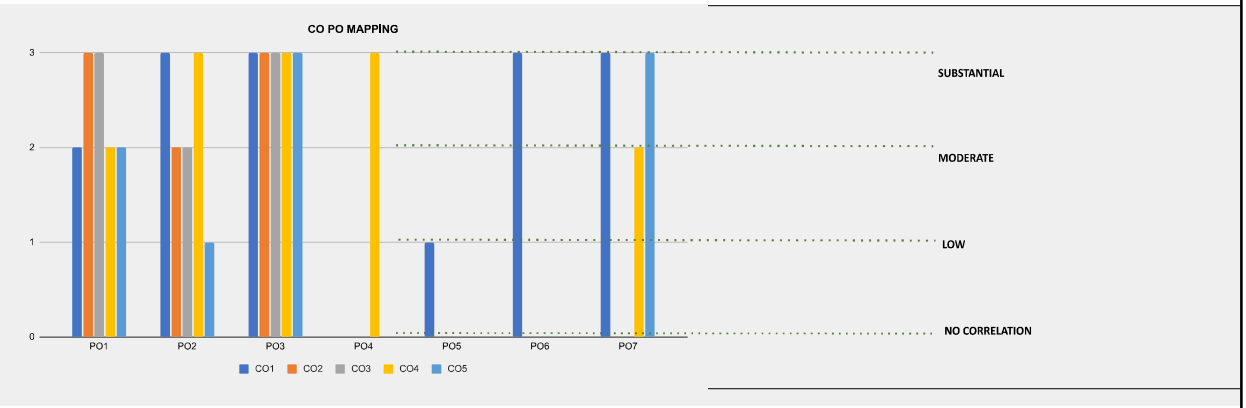
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understand the techniques and methods for a comprehensive architectural representation.	L2 - Understand (Explain ideas or concepts)
CO2	Enable students to understand relationships between the choice of medium, also use of critical or expressive intents, in the making and form of visual representations.	L2 - Understand (Explain ideas or concepts)
CO3	Enable students to evaluate architectural representation as a method of investigating architectural design in society.	L4 - Analyse (Draw connections among ideas)
CO4	Enable students to create, and manipulate three dimensional form and space by use the tools of representation.	L1 - Remember (Recall facts and basic concepts)
CO5	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	3	2	3	0	0	0	0	2	2.50
CO3	3	2	3	0	0	0	0	2	2.50
CO4	2	3	3	3	0	0	2	3	2.67
CO5	2	1	3	0	0	0	3	0	2.25
PO AVERAGE	2.40	2.20	3.00	3.00	1.00	3.00	2.67	2.25	
Conclusion and Resolution	The course aims at individual representational understading so some of the program outcomes, specficially pertaining to social, collective.								

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	90

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

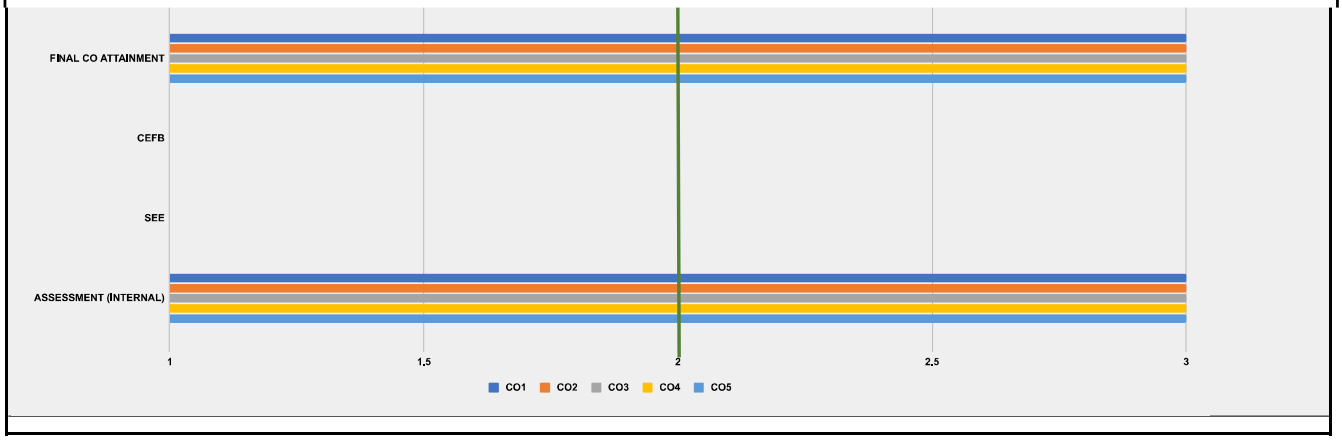
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
DIRECT METHOD	100	100	100	100	100	ALWAYS ENSURE THE TOTAL IS 100 %
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0	

COURSE OUTCOME ATTAINMENT LEVELS

CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	2.6	Yes	
CO2	3	-		3.00	2.6	Yes	
CO3	3	-		3.00	2.6	Yes	
CO4	3	-		3.00	2.6	Yes	
CO5	3	-		3.00	2.5	Yes	

Vid
Tel

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2.6	Yes	
CO2	3	-		3.00	2.6	Yes	
CO3	3	-		3.00	2.6	Yes	
CO4	3	-		3.00	2.6	Yes	
CO5	3	-		3.00	2.5	Yes	



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PROGRAM	FIRST YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	1	3	3	0	3	3	3	0
CO2	1	3	3	0	0	1	3	2
CO3	0	2	3	0	0	1	3	0
CO4	3	1	2	1	0	3	3	2
CO5	3	2	2	1	0	3	3	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To enable students to recognize, conceptualize, ideate, and iterate structural systems as a part of design	3.00	
CO2	To develop an analytical understanding of structural systems and validating the same through physical testing/ evaluation	3.00	
CO3	To develop an intuitive understanding of materials, their inherent properties, and their mechanical behaviour in structural systems. To enable the students to work with various tools and instrument in order to shape and handle the assigned material in their designs	3.00	
CO4	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	
CO5	To recall/remember ideas and key works in the history of Art and Architecture. To critically analyse and evaluate works of art and architecture, with respect to the ideas that shape them, forms and expression.	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	2019-2020
SEMESTER	SEM 2
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects II
COURSE CODE (AS PER MU)	BARP220
FACULTY	B.Tech (Kaushik, Apurva P., George, Shirish, Sonal)+ Architec-tural Theory (Kaushik, Sonal)
FACULTY INCHARGE	B.Tech (Kaushik) Architectural Theory (Kaushik)
TOTAL MARKS	100

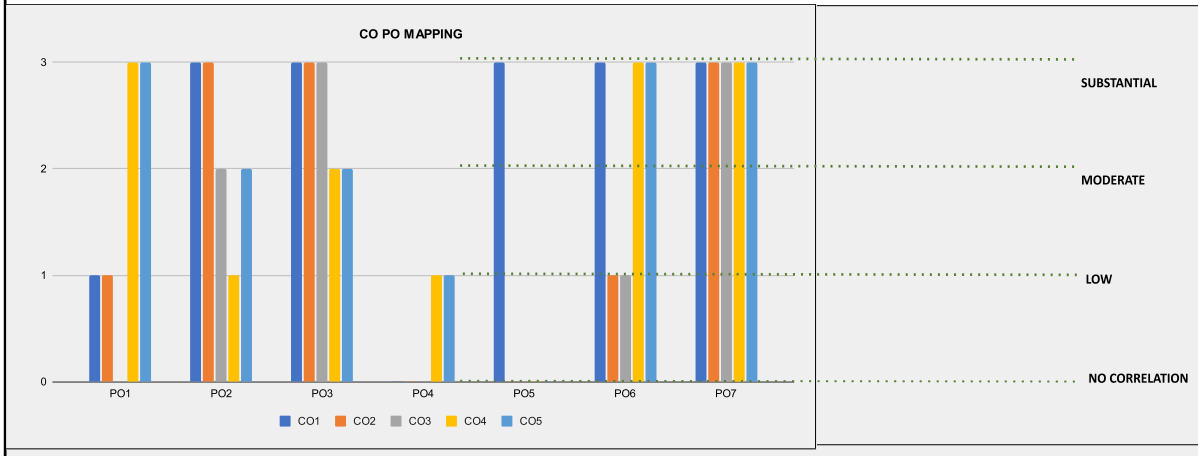
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to recognize, conceptualize, ideate, and iterate structural systems as a part of design	L6 - Create (Produce new or original work)
CO2	To develop an analytical understanding of structural systems and validating the same through physical testing/ evaluation	L4 - Analyse (Draw connections among ideas)
CO3	To develop an intuitive understanding of materials, their inherent properties, and their mechanical behaviour in structural systems. To enable the students to work with various tools and instrument in order to shape and handle the assigned material in their designs	L2 - Understand (Explain ideas or concepts)
CO4	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)
CO5	To recall/remember ideas and key works in the history of Art and Architecture. To critically analyse and evaluate works of art and architecture, with respect to the ideas that shape them, forms and 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	0	3	3	3	0	2.67
CO2	1	3	3	0	0	1	3	2	2.17
CO3	0	2	3	0	0	1	3	0	2.25
CO4	3	1	2	1	0	3	3	2	2.14
CO5	3	2	2	1	0	3	3	2	2.29
PO AVERAGE	2.00	2.20	2.60	1.00	3.00	2.20	3.00	2.00	
Conclusion and Resolution	concepts discussed in architectural theory should be applied to building technology too anchor the subject towards a theoretical understanding								

CORRELATION LEVELS FOR POS

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



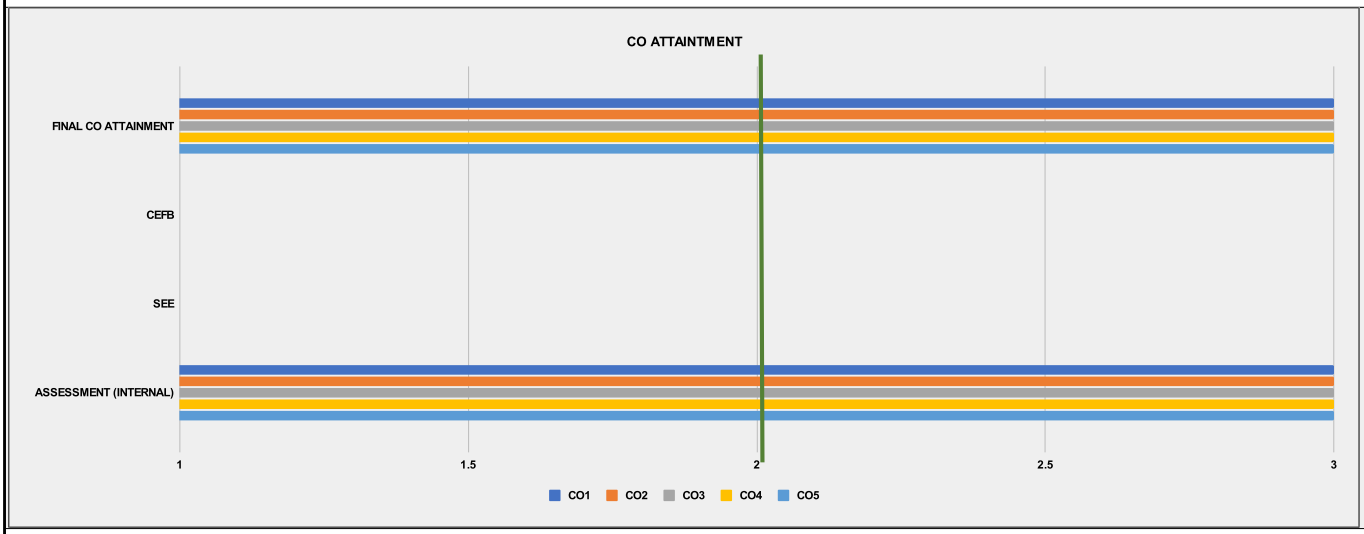
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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 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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2

Second Year

Second Year Report

2019-20. 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.	**2.33**	Owing to Pandemic Covid -19 the courses require to be tuned to align with the online mode of learning
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.32**	Newer digital tools for online engagement are to be offered 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)	**2.34**	Online exercises are to be curated for students along with references for them to be able to understand and apply their skills to navigate the space between the abstract and the concrete. A repository of reference material and case studies to be prepared for students to refer.
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.34**	Incorporate case study model to align with online mode of education
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.42**	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)	**2.39**	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)	**2.38**	To reduce the complexity and difficulty of the studio deliverable for students in order to overcome the limitations offered by online mode of education
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).	**2.38**	To incorporate exercises to expose students to multiple possibilities of engagement by introducing them to the practices engaged by their seniors and alumni of the college

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Semester 3

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PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.55	More site and mapping engagement is to be done
CO2	o understand and observe various spaces, objects, things at different scales and document them in form of conceptual ideas and drawings	2.40	
CO3	To create investigation methods around ideas of forms through models (Operating in different materials), drawings etc.	2.30	
CO4	To analyze ideas of home and develop broader ways of seeing at fundamental concepts of domesticity.	2.70	
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	**2.56**	**PO5 Attainment**	**2.62**
PO2 Attainment	**2.49**	**PO6 Attainment**	**2.55**
PO3 Attainment	**2.50**	**PO7 Attainment**	**2.55**
PO4 Attainment	**2.55**	**PO8 Attainment**	**2.40**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Nemish Shah
TOTAL MARKS	200

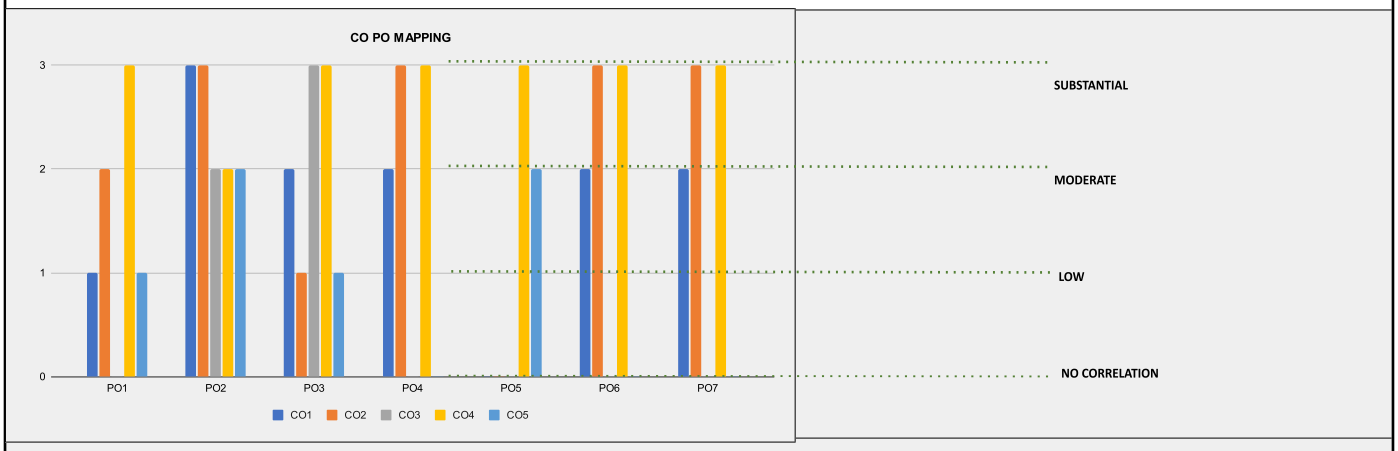
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand questions around scale and ideas of anthropometrics	L2 - Understand (Explain ideas or concepts)
CO2	o understand and observe various spaces, objects, things at different scales and document them in form of conceptual ideas and drawings	L2 - Understand (Explain ideas or concepts)
CO3	To create investigation methods around ideas of forms through models (Operating in different materials), drawings etc.	L4 - Analyse (Draw connections among ideas)
CO4	To analyze ideas of home and develop broader ways of seeing at fundamental concepts of domesticity.	L1 - Remember (Recall facts and basic concepts)
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)	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	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



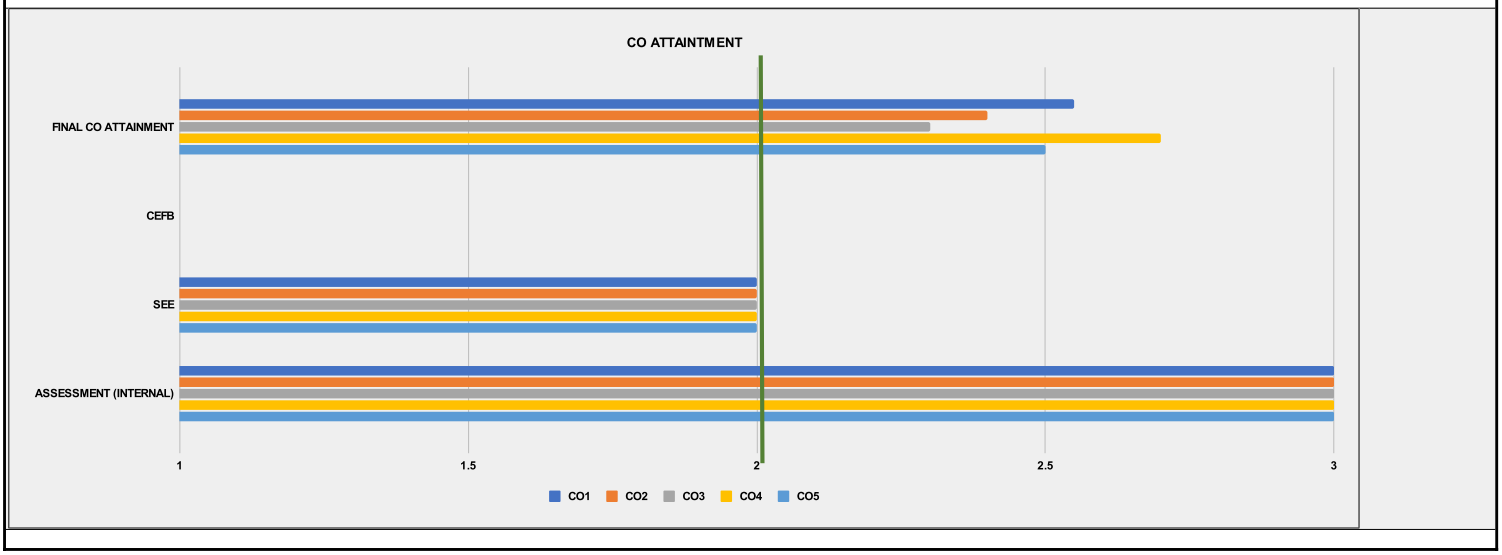
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	70
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	63

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	3	No	More site and mapping engagement is to be done to undestand different scales
CO2	3	2	-	2.40	2	Yes	
CO3	3	2	-	2.30	2	Yes	
CO4	3	2	-	2.70	2	Yes	
CO5	3	2	-	2.50	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 3
COURSE CODE (AS PER MU)	BARC302
FACULTY	HUSSAIN INDOREWALA, GEORGE JACOB, MANSI BHATT, GINELLA GEORGE, SAURABH BARDE,
FACULTY INCHARGE	GEORGE JACOB
TOTAL MARKS	100

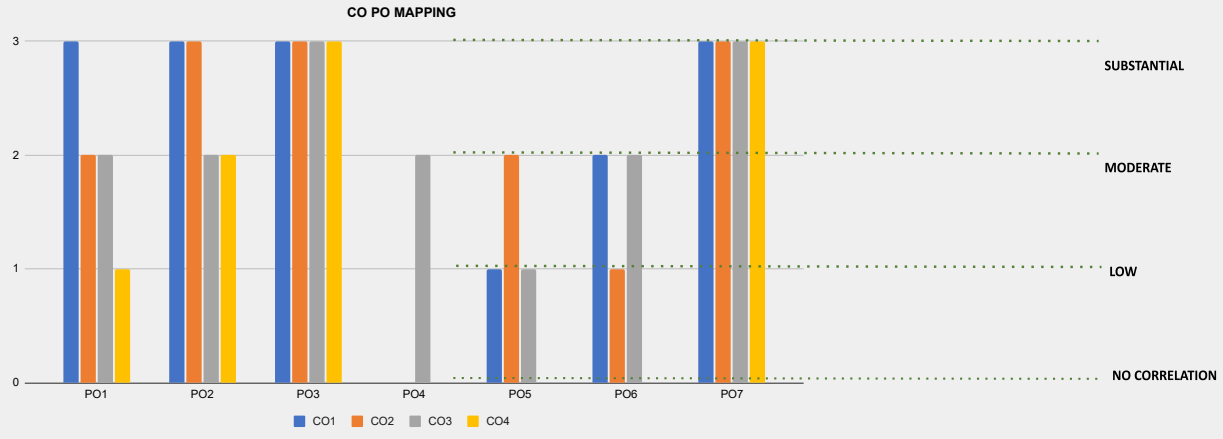
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the spatial and functional aspects influencing the form of the object.	L2 - Understand (Explain ideas or concepts)
CO2	To apply and analyze the design idea by physically building the object through an iterative process.	L3 - Apply (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	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	The act of object-making as a process is introduced to the students for 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 evaluated.								

CORRELATION LEVELS FOR POS

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



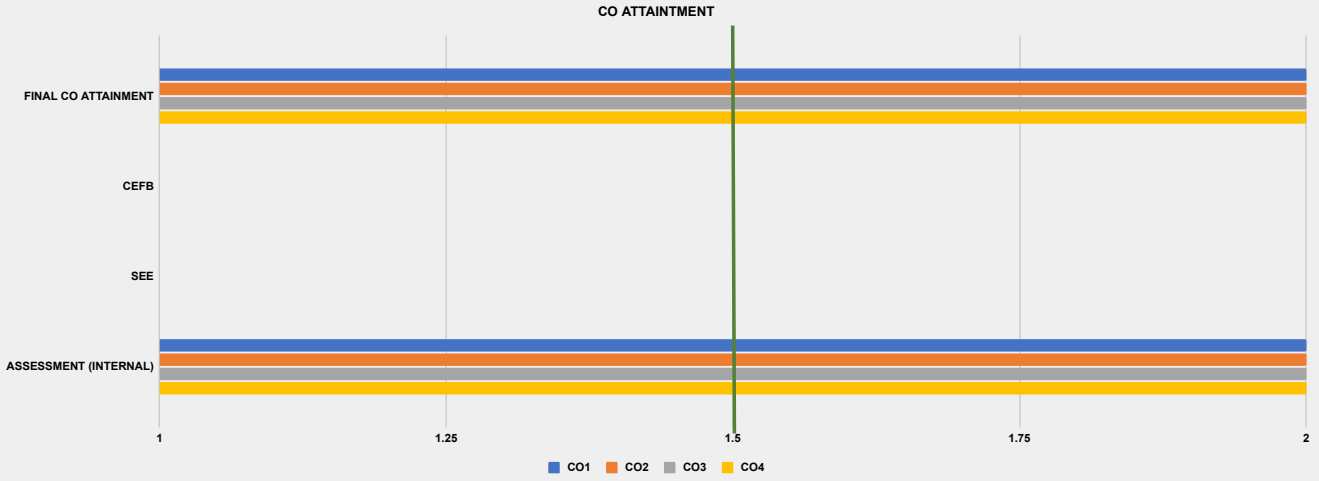
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	62

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	Precision in the object-making will be better achieved by using equipment efficiently
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.5	No	
CO4	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Vikram, Mamta, Shirish, Shantanu K, Rutika
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

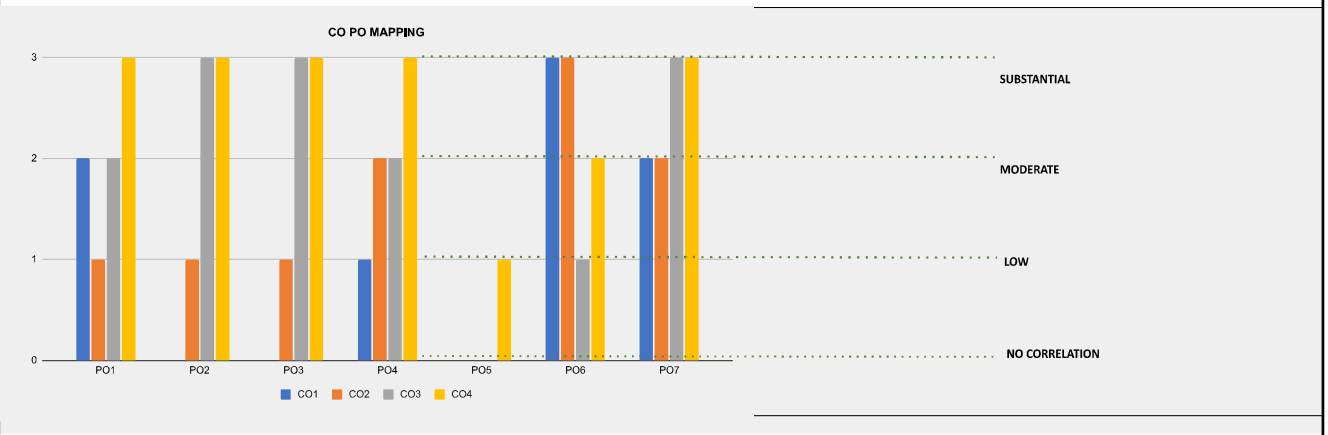
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the underlying principles of structural systems and their application.	L2 - Understand (Explain ideas or concepts)
CO2	To create an analytical framework for observing buildings and their structural systems.	L6 - Create (Produce new 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	Building performance analysis can be made more sensitive to local socio cultural context								

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	26

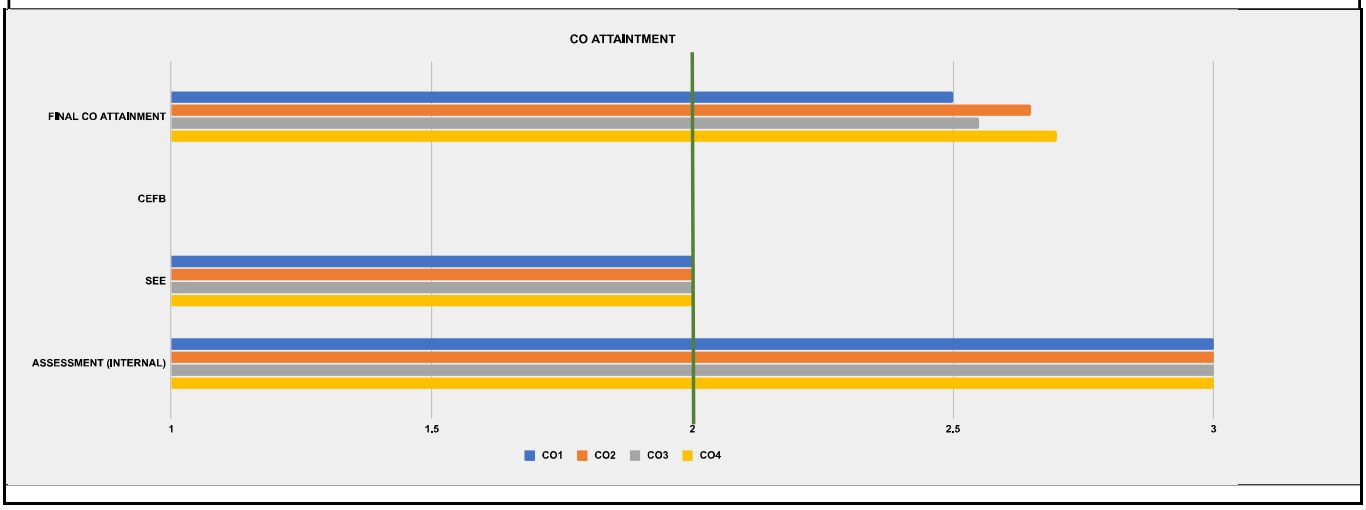
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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 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

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



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Medium of teaching should be more interactive and practical for better clarity of the course application
CO3	Understand the behavior of the material and structural member (deflection, bending etc.) and application of same in the structural planning	2.30	
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**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Ainsley, Neeraj
FACULTY INCHARGE	Ainsley
TOTAL MARKS	100

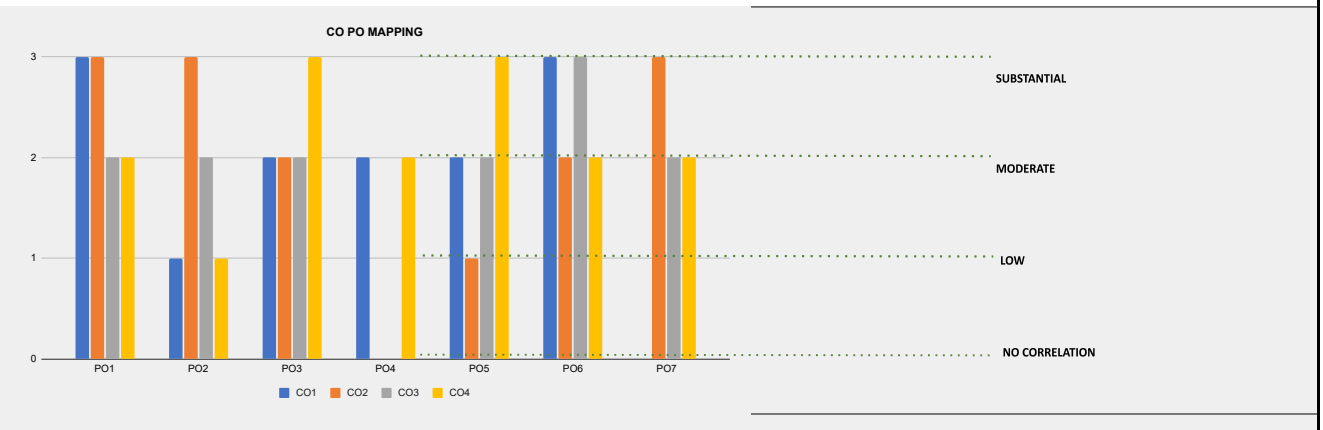
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, and shortcomings.	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of the structural components – beams, columns and footing; 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	35

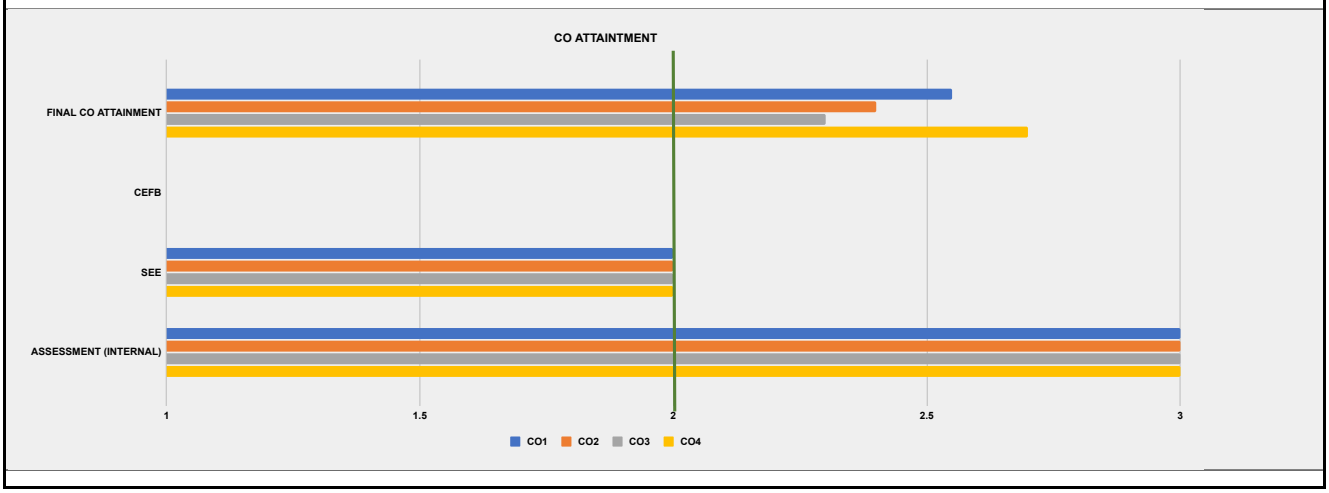
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	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	2.5	No	
CO3	3	2	-	2.30	2.5	No	
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	-	2.55	2.5	Yes	Medium of teaching should be more interactive and practical for better clarity of the course application
CO2	3	2	-	2.40	2.5	No	
CO3	3	2	-	2.30	2.5	No	
CO4	3	2	-	2.70	2.5	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	0	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.	2.00	To improve content using case studies and field visits.
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.	2.00	Achieved as planned.
CO3	To be able to explore and investigate the integration of building infrastructure, material and structural components.	2.00	To introduce complex building services and systen
CO4	To be able to apprehend how building services and infrastructure informs the architectural design.	2.00	To introduce services that informs design decision

Course-level PO Attainments

PO1 Attainment	**2.00**	**PO5 Attainment**	**#DIV/0!**
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	2019-2020
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, Kimaya
FACULTY INCHARGE	Minal
TOTAL MARKS	100

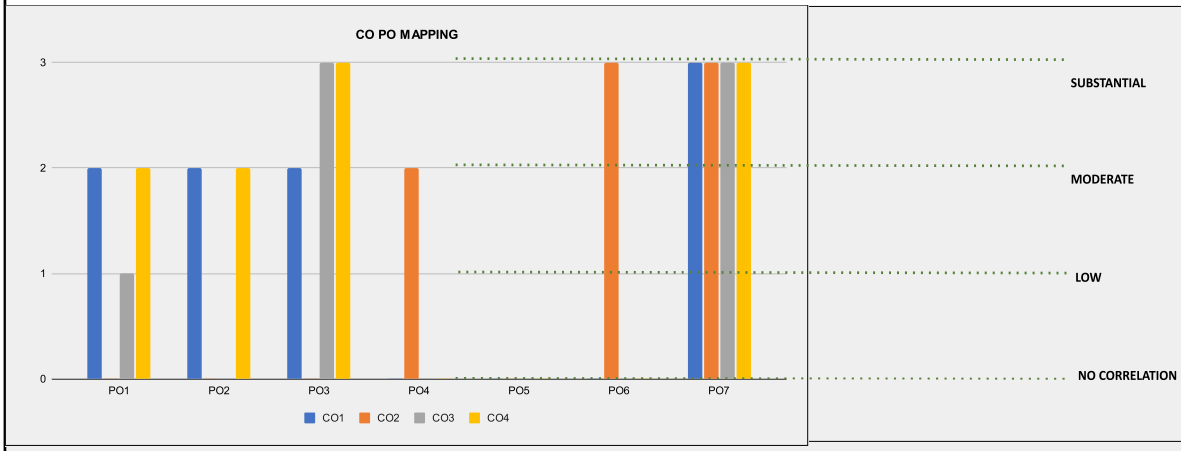
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	As a part of introduction, students will be able to understand the relevance of services and infrastructural systems as an integral part of architectural design.	L2 - Understand (Explain ideas or concepts)
CO2	To be able to understand the water 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.	L4 - Analyse (Draw connections among ideas)
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	0	0	3	2	2.40
PO AVERAGE	1.67	2.00	2.67	2.00	0.00	3.00	3.00	2.00	
Conclusion and Resolution	The course outcomes is highly 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

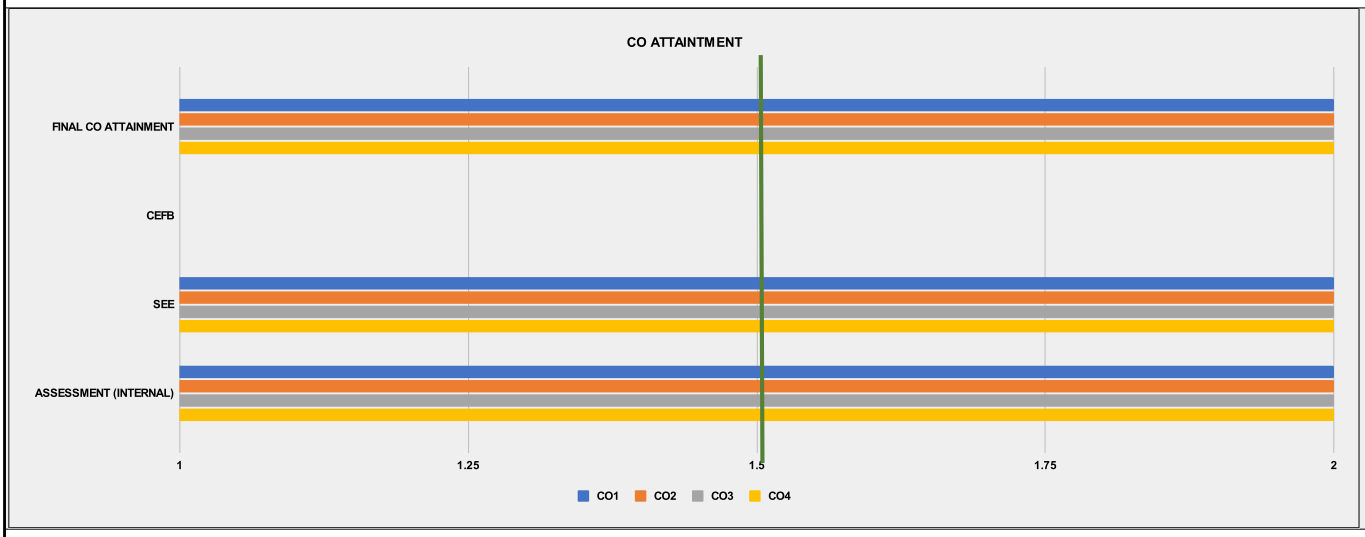
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	32

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	65	65	65	65	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	35	35	35	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	2	-	2	2.5	No	To improve content using case studies and field visits.
CO2	2	2	-	2.00	2	Yes	Achieved as planned.
CO3	2	2	-	2.00	2	Yes	To introduce complex building services and systems.
CO4	2	2	-	2.00	2.5	No	To introduce services that informs design decisions.



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	2	1	2	0	3	3	3
CO2	1	2	0	0	1	3	2	3
CO3	1	0	0	0	0	3	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding architecture as an outcome of socio cultural processes	2.00	
CO2	Analysing historical ideas and their implications on architectural form	2.00	
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	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	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 3
COURSE CODE (AS PER MU)	BARC305
FACULTY	Ginella George, Sarah George
FACULTY INCHARGE	Ginella George, Sarah George
TOTAL MARKS	100

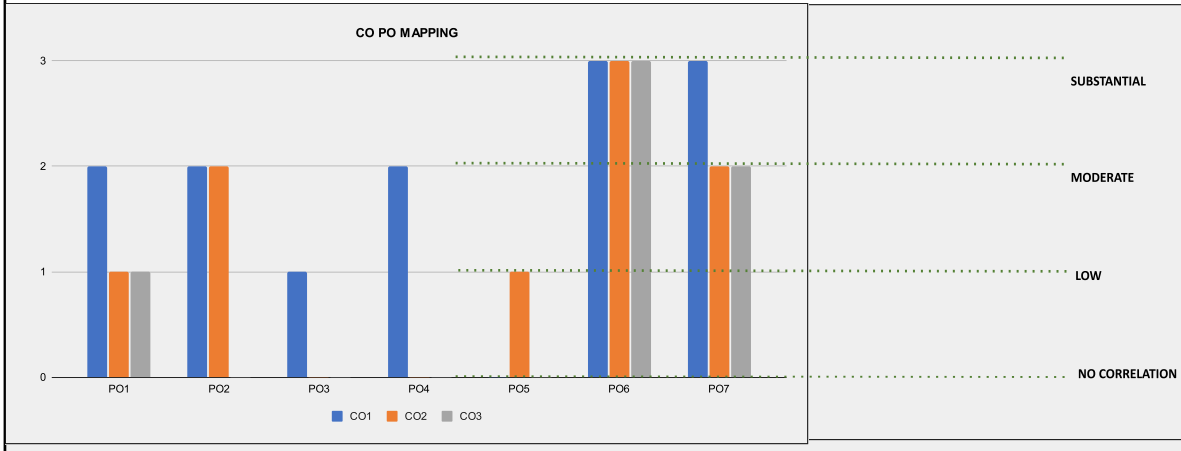
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding architecture as an outcome of socio cultural processes	L2 - Understand (Explain ideas or concepts)
CO2	Analysing historical ideas and their implications on architectural form	L4 - Analyse (Draw connections among ideas)
CO3	Adopting 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)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	1	2	0	3	3	3	2.29
CO2	1	2	0	0	1	3	2	3	2.00
CO3	1	0	0	0	0	3	2	2	2.00
PO AVERAGE	1.33	2.00	1.00	2.00	1.00	3.00	2.33	2.67	
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
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	23
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

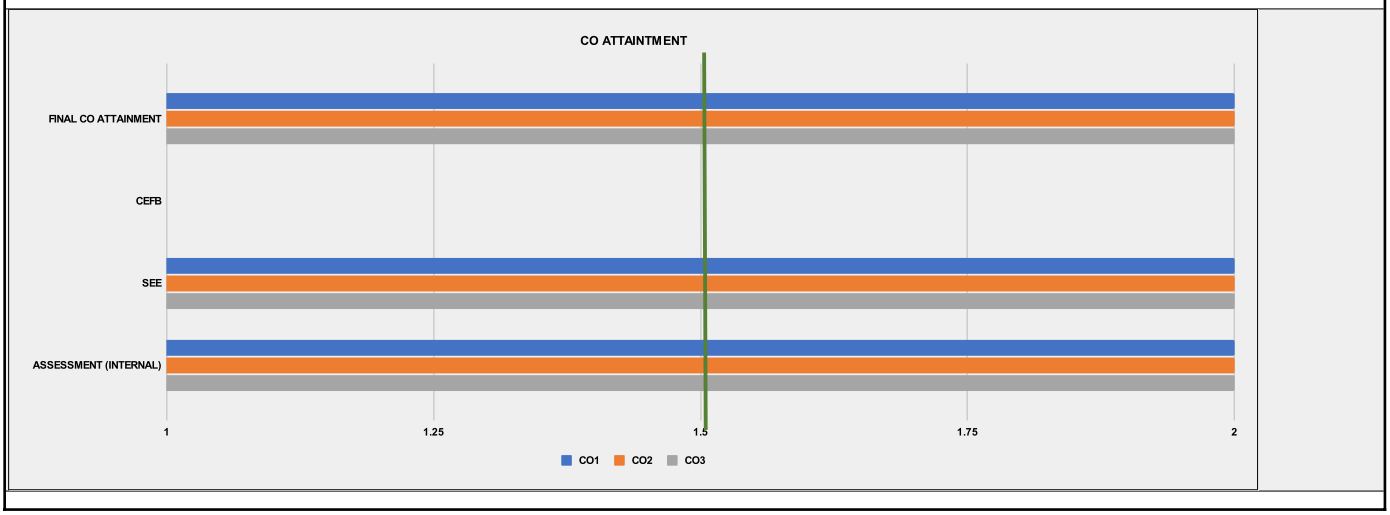
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	45	40	30	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	55	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	2	-	2	2	Yes	
CO2	2	2	-	2.00	2	Yes	
CO3	2	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	-	2	2	Yes	
CO2	2	2	-	2.00	2	Yes	
CO3	2	2	-	2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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 ventilation and daylight principles more comprehensively
CO2	To explore how the different environmental aspects inform thermally comfortable design decisions, through vernacular and contemporary case study approaches.	2.00	To show students 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 and apply the climatic variables, followed by a resolution of the building keeping in view a strong climate response.	2.00	To introduce more novel concepts and techniques

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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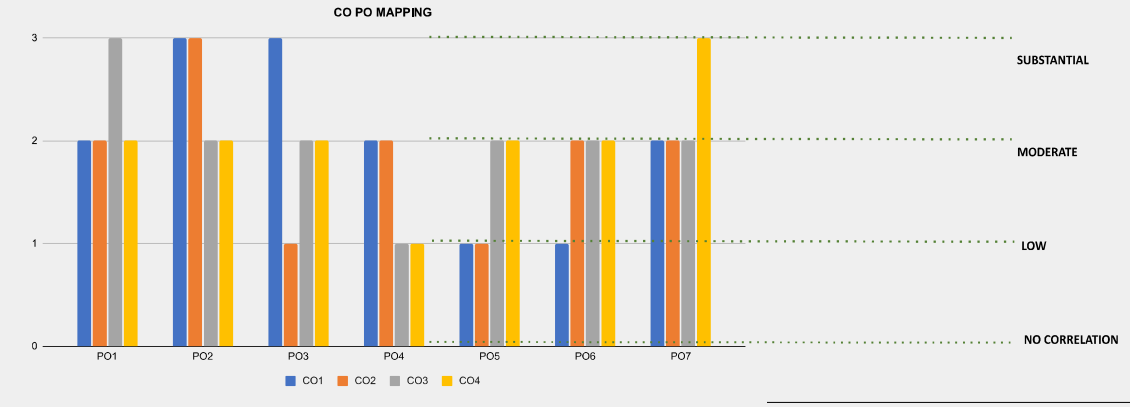
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 3
COURSE CODE (AS PER MU)	BARC306
FACULTY	Kimaya Keluskar , Durvesh Mhatre, Minal, Sanjana
FACULTY INCHARGE	Kimaya Keluskar
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 and apply 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	The course outcomes slightly align with program outcomes.								

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



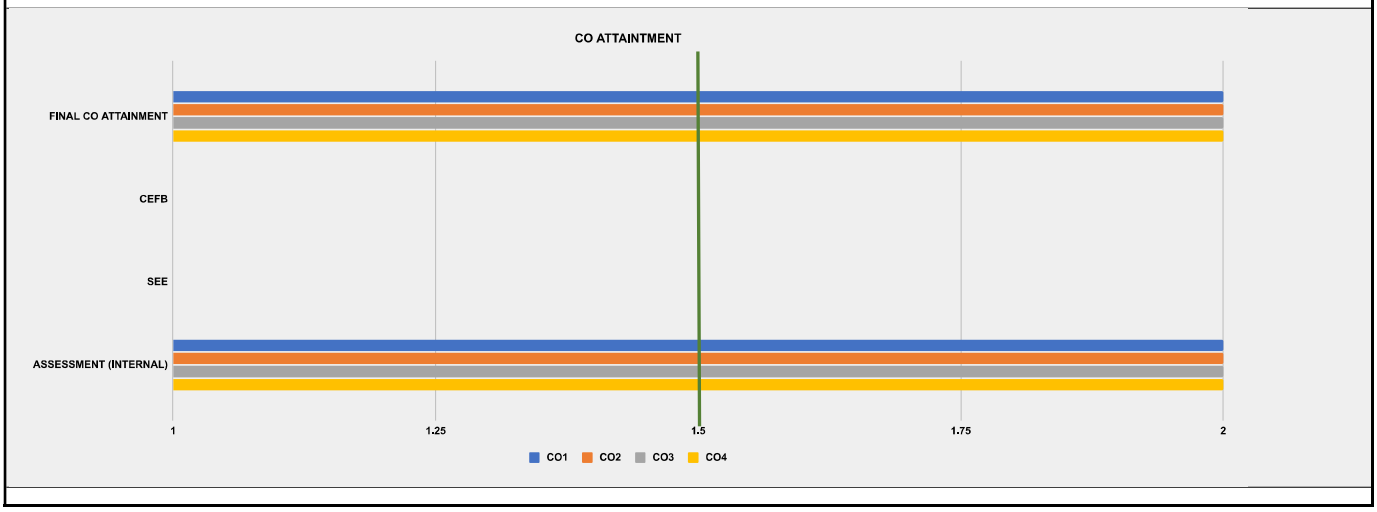
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

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 ?
CO1	2	-		2.00	2.5	No
CO2	2	-		2.00	2.5	No
CO3	2	-		2.00	2	Yes
CO4	2	-		2.00	2	Yes

CO Corrective Measures
To explain ventilation and daylight principles more comprehensively
To show students more case studies
Target achieved as planned
To introduce more novel concepts and techniques

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 ventilation and daylight principles more comprehensively
CO2	2	-		2.00	2.5	No	To show students more case studies
CO3	2	-		2.00	2	Yes	Target achieved as planned
CO4	2	-		2.00	2	Yes	To introduce more novel concepts and techniques



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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
CO4	2	3	2	2	2	3	3	3

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Hone skills of spatial observation	2.00	
CO2	Translate their spatial observations (seeing) into cartographic drawings	2.00	
CO3	Visualizing the construct and systems	2.00	
CO4	Technical representation of construct	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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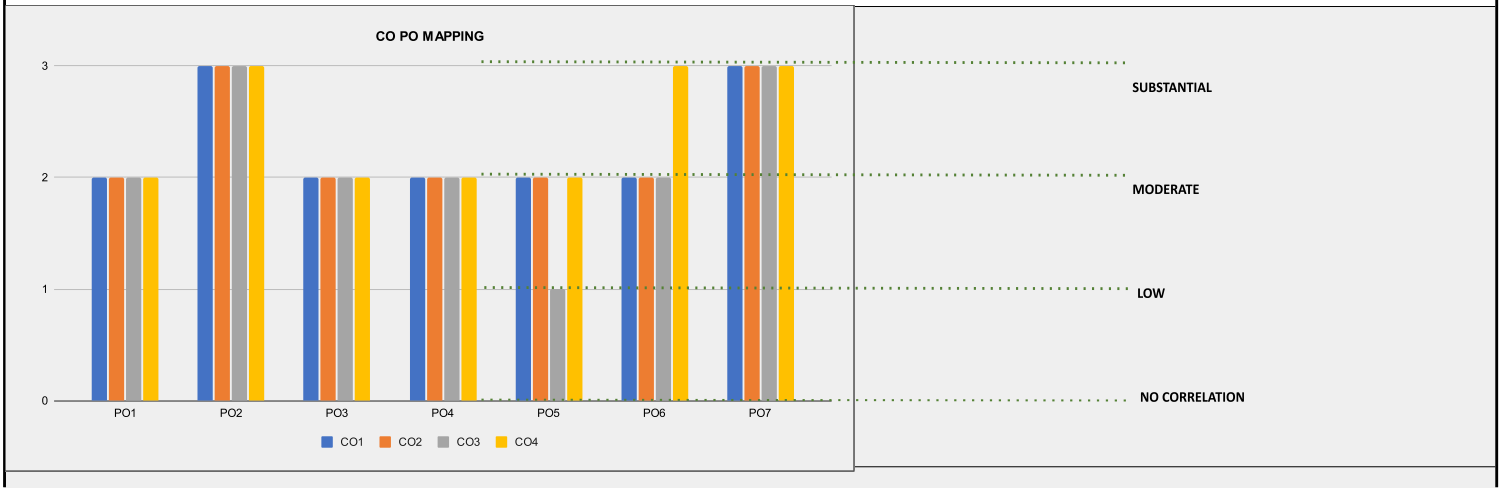
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 3
COURSE CODE (AS PER MU)	BARC307
FACULTY	Kimaya Keluskar, Rutika Parulkar, Mamta Patwardhan, Ginella George, Kaushik, Vikram Pawar
FACULTY INCHARGE	Vikram Pawar
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Hone skills of spatial observation	L5 - Evaluate (Justify a stand or decision)
CO2	Translate their spatial observations (seeing) into cartographic drawings	L3 - Apply (Use information in new situations)
CO3	Visualizing the construct and systems	L6 - Create (Produce new or original work)
CO4	Technical representation of construct	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
CO4	2	3	2	2	2	3	3	3	2.50
PO AVERAGE	2.00	3.00	2.00	2.00	1.75	2.25	3.00	3.00	
Conclusion and Resolution	Course has a moderately high resolution.								

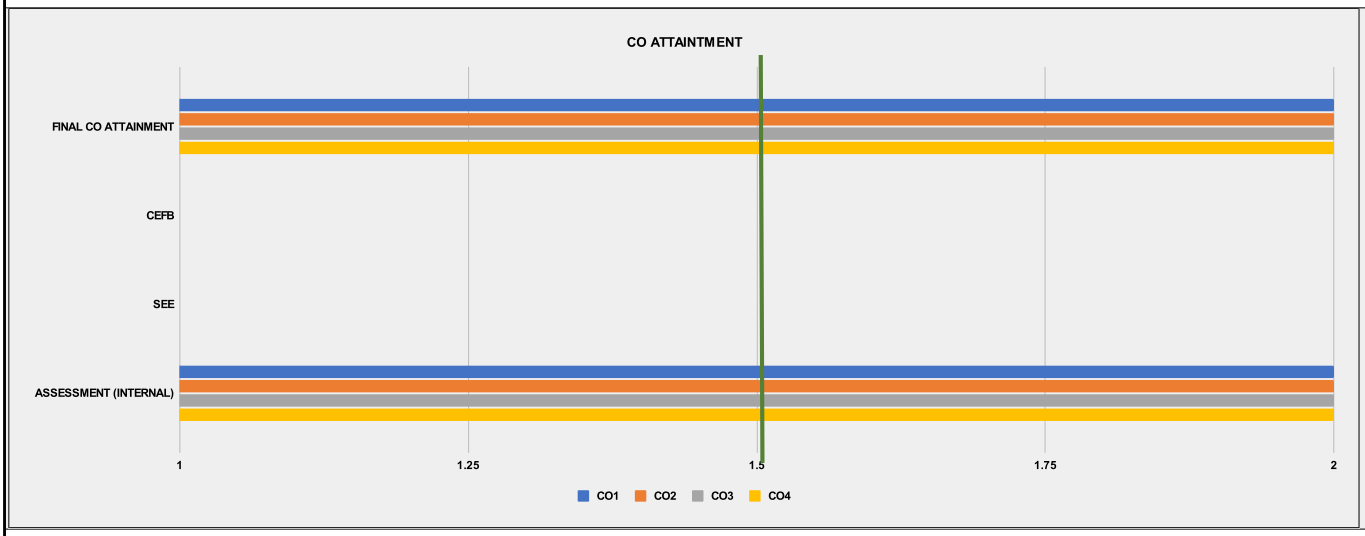
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	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 N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	-		2.00	2	Yes	Exercise on technical drawings to strenghten
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	2019-2020
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**

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	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 1
COURSE CODE (AS PER MU)	BARC309
FACULTY	Manoj Parmar, Rutika Parulkar
FACULTY INCHARGE	Manoj Parmar, Rutika Parulkar
TOTAL MARKS	50

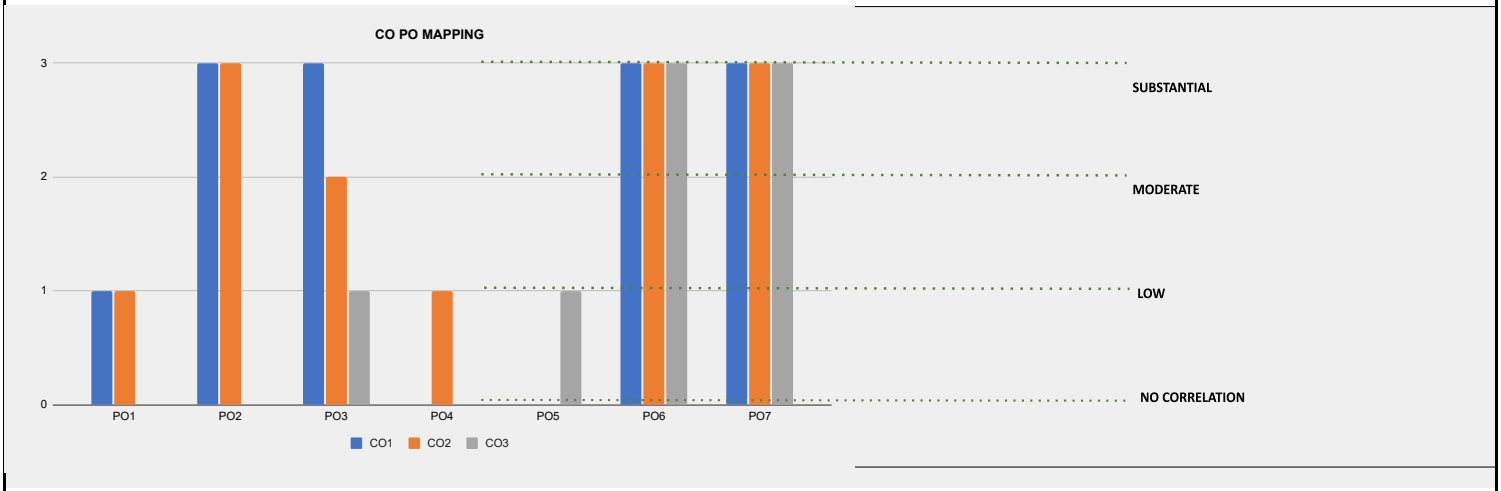
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the ideas and concepts that have shaped architectural thinking	L2 - Understand (Explain ideas or concepts)
CO2	Analysing and taking a position with respect to acts of design	L4 - Analyse (Draw connections among ideas)
CO3	Applying 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



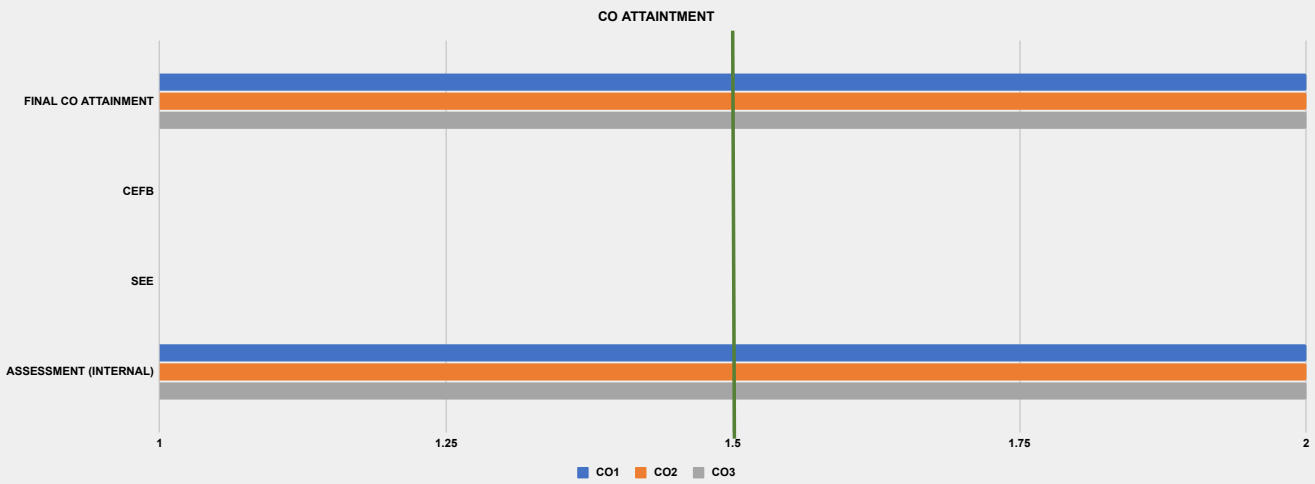
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	35

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	Yes	
CO2	2	-		2.00	1.5	Yes	
CO3	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	0	1	2	0	1	1	1
CO2	1	3	3	0	0	3	3	0
CO3	1	3	2	0	0	3	3	2
CO4	0	0	1	0	1	3	3	0

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand and analyze the fundamental concepts around spatial design	3.00	
CO2	Understanding the ideas and concepts that have shaped architectural thinking	3.00	
CO3	Analysing and taking a position with respect to acts of design	3.00	
CO4	Applying the learning from various references of literature, visual art or film, 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**

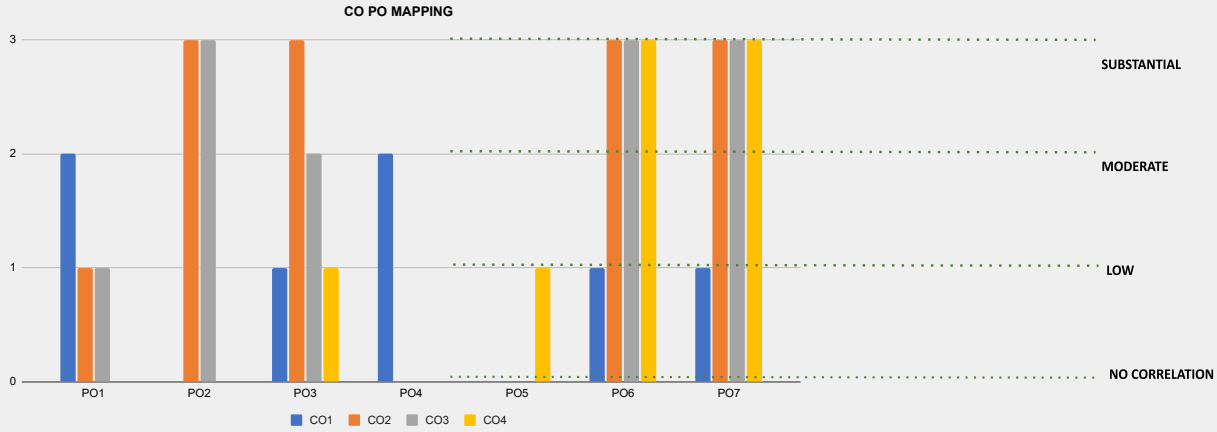
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 3
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 3
COURSE CODE (AS PER MU)	BARP320
FACULTY	SONAL SANCHETI, NEMISH SHAH, ADVAIT POTNIS, PINKISH SHAH, JIGNESH DOSHI, QUAID DOONGERWALA, ROHAN CHAVAN, MANOJ PARMAR, RUTIKA P
FACULTY INCHARGE	RUTIKA P
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and analyze the fundamental concepts around spatial design	L1 - Remember (Recall facts and basic concepts)
CO2	Understanding the ideas and concepts that have shaped architectural thinking	L4 - Analyse (Draw connections among ideas)
CO3	Analysing and taking a position with respect to acts of design	L5 - Evaluate (Justify a stand or decision)
CO4	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	2	0	1	2	0	1	1	1	1.33
CO2	1	3	3	0	0	3	3	0	2.60
CO3	1	3	2	0	0	3	3	2	2.33
CO4	0	0	1	0	1	3	3	0	2.00
PO AVERAGE	1.33	3.00	1.75	2.00	1.00	2.50	2.50	1.50	
Conclusion and Resolution	The course buttresses two studios with the aim to provide extra hours for modelling and the development of individual design processes. The course should be able to focus on developing new representational forms.								

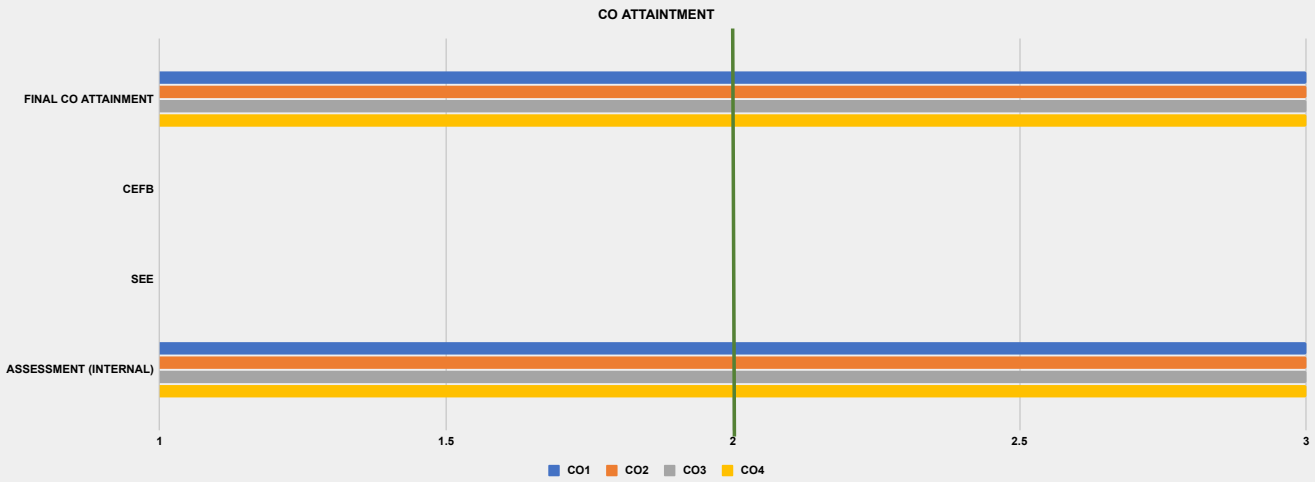
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	3	-		3.00	2.5	Yes	
CO2	3	-		3.00	3	Yes	
CO3	3	-		3.00	2.5	Yes	
CO4	3	-		3.00	2	Yes	



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Semester 4

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	
CO2	To Understand Landform and ecological conditions of different regions and its implications on design	3.00	
CO3	To create and map, different land conditions, draw and represent them	3.00	
CO4	To Analyze formal articulation and the meaning of language in architecture	3.00	
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	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**

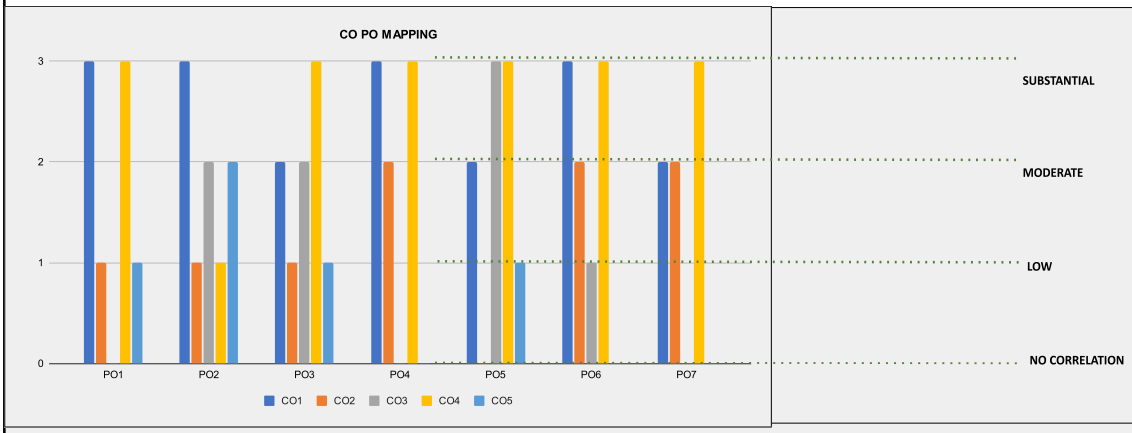
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 4
COURSE CODE (AS PER MU)	BARC401
FACULTY	Pinkish,Sonal, Shirish, Ekta, Nemish, Apurva, Advait,Jignesh,Jeet
FACULTY INCHARGE	Nemish
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									

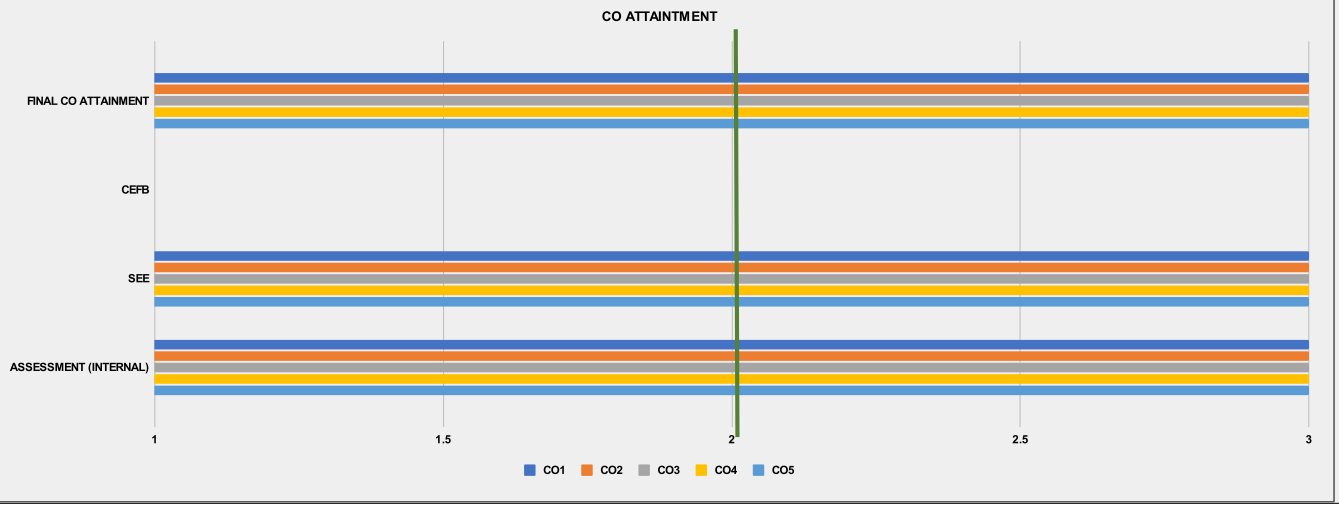
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	65

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	3	-	3	3	Yes	
CO2	3	3	-	3.00	3	Yes	
CO3	3	3	-	3.00	3	Yes	
CO4	3	3	-	3.00	3	Yes	
CO5	3	3	-	3.00	3	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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**

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	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 4
COURSE CODE (AS PER MU)	BARC402
FACULTY	HUSSAIN INDOREWALA, GEORGE JACOB, MANSI BHATT, GINELLA GEORGE, SAURABH BARDE,
FACULTY INCHARGE	GEORGE JACOB
TOTAL MARKS	100

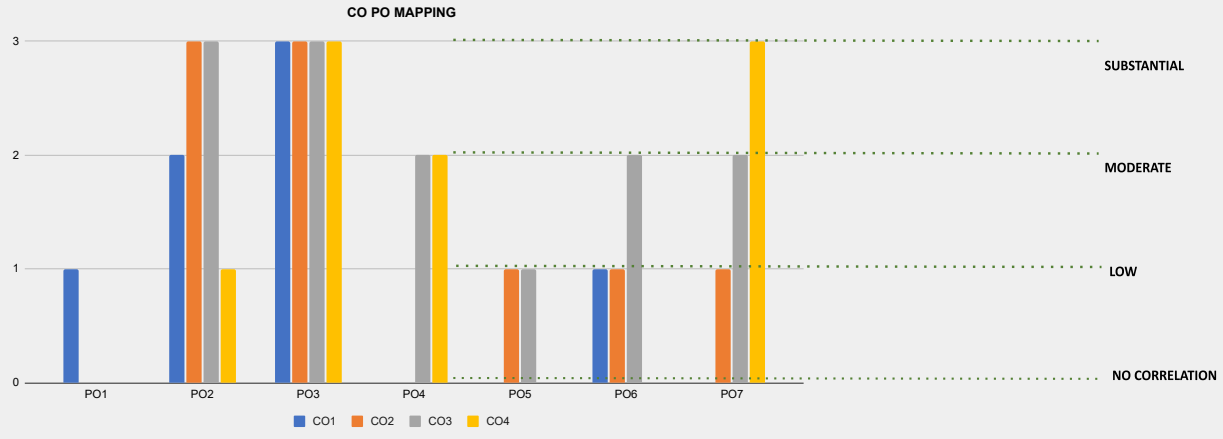
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand the influence of material on form and performance.	L2 - Understand (Explain ideas or concepts)
CO2	To apply the model making process to determine complex formal strategies.	L3 - Apply (Use information in new situations)
CO3	To evaluate 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	is introduced to the students for better understanding of the relation between the object itself and space. The formal application of the strategies was explored and th								

CORRELATION LEVELS FOR POS

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



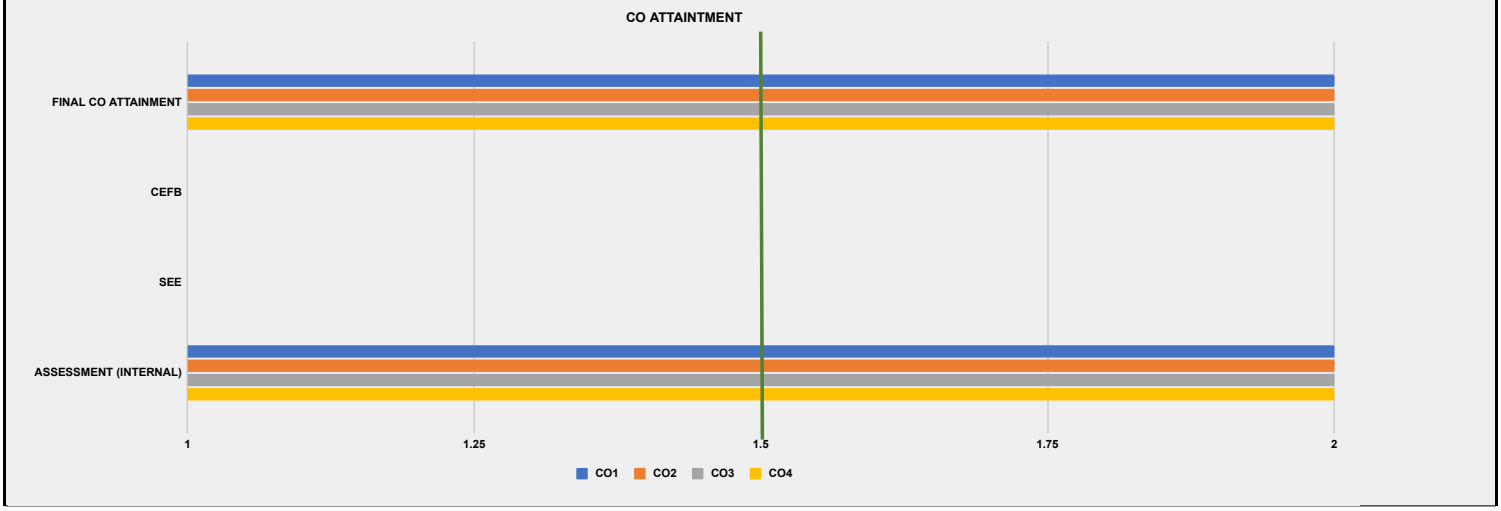
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	Yes	Precision in the object-making will be better achieved by using equipment efficiently
CO2	2	-		2.00	2	Yes	
CO3	2	-		2.00	2.5	No	
CO4	2	-		2.00	2	Yes	



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PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2020-2021
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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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	2020-2021
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

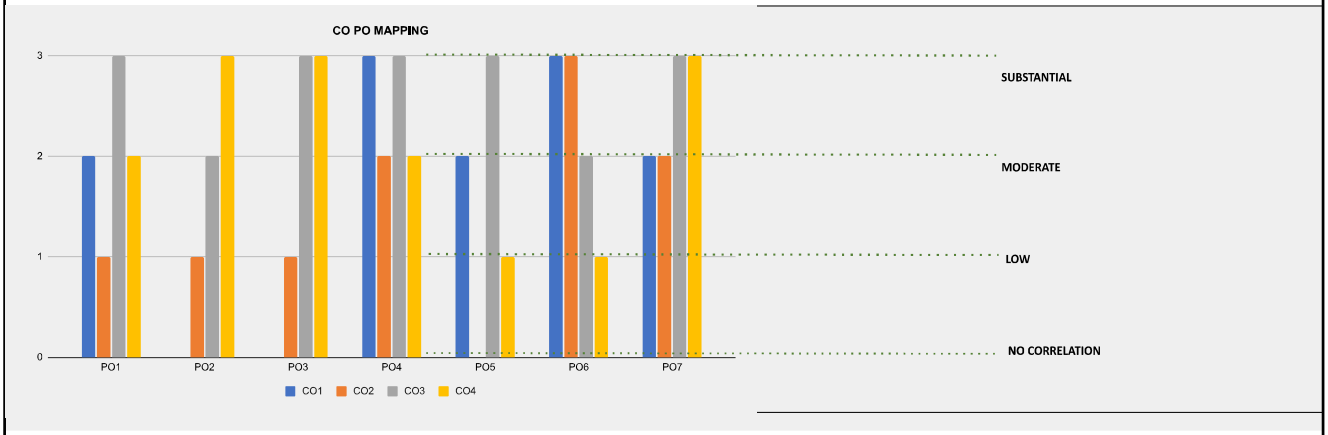
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand, read and learn regional diversity and its correlation with construction systems and tectonics.	L2 - Understand (Explain ideas or concepts)
CO2	To develop analytical frameworks to inform design decisions with reference to material 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	28
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	29

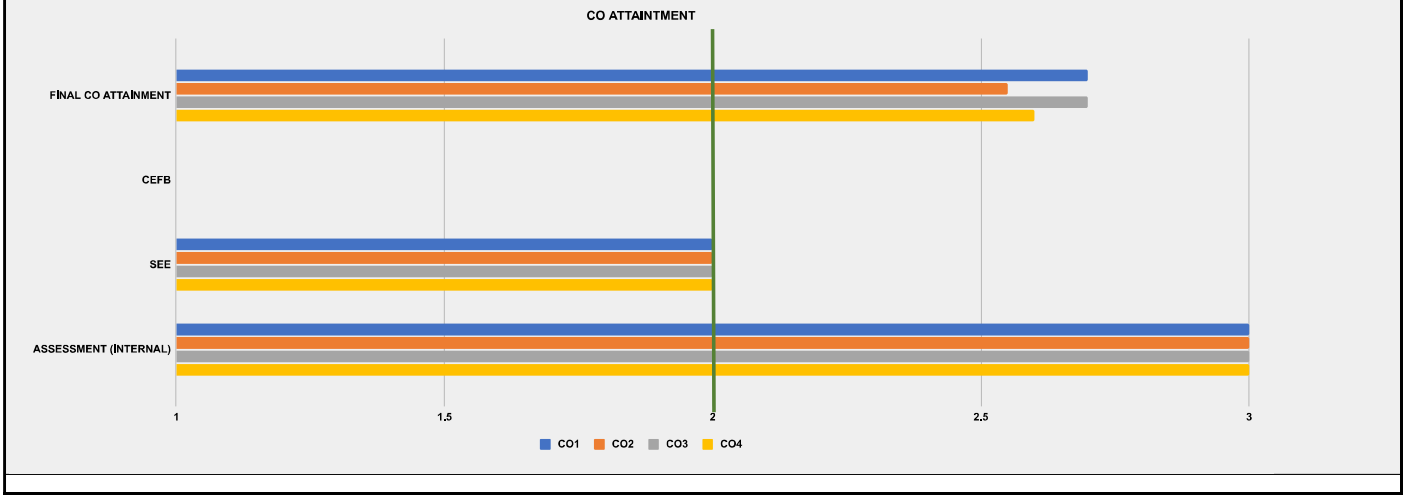
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	70	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 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	2019-2020
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	2.55	
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	2.40	More hands on exercise and case examples for better clarity of the course application
CO3	In-depth understanding of soil properties and its mechanics and its impact on the structural design	2.30	
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**	**2.56**
PO2 Attainment	**2.44**	**PO6 Attainment**	**2.48**
PO3 Attainment	**2.53**	**PO7 Attainment**	**2.47**
PO4 Attainment	**2.63**	**PO8 Attainment**	**2.53**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Vikram
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

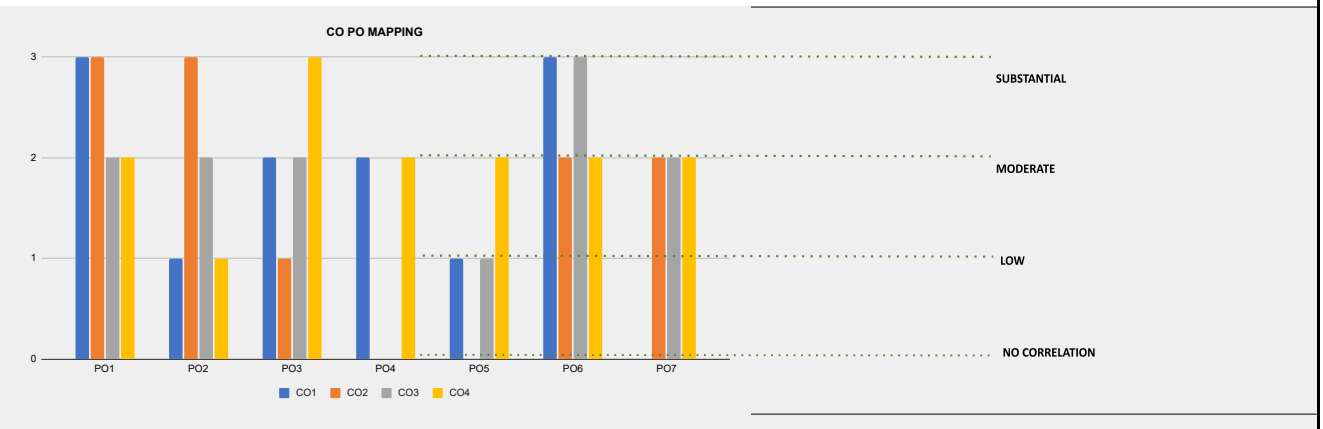
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Develop an understanding of Long column and short column through theories and methods and the way it is used in the structural systems	L2 - Understand (Explain ideas or concepts)
CO2	Developing the skill to analyze structural members (fixed beams, 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	33
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35

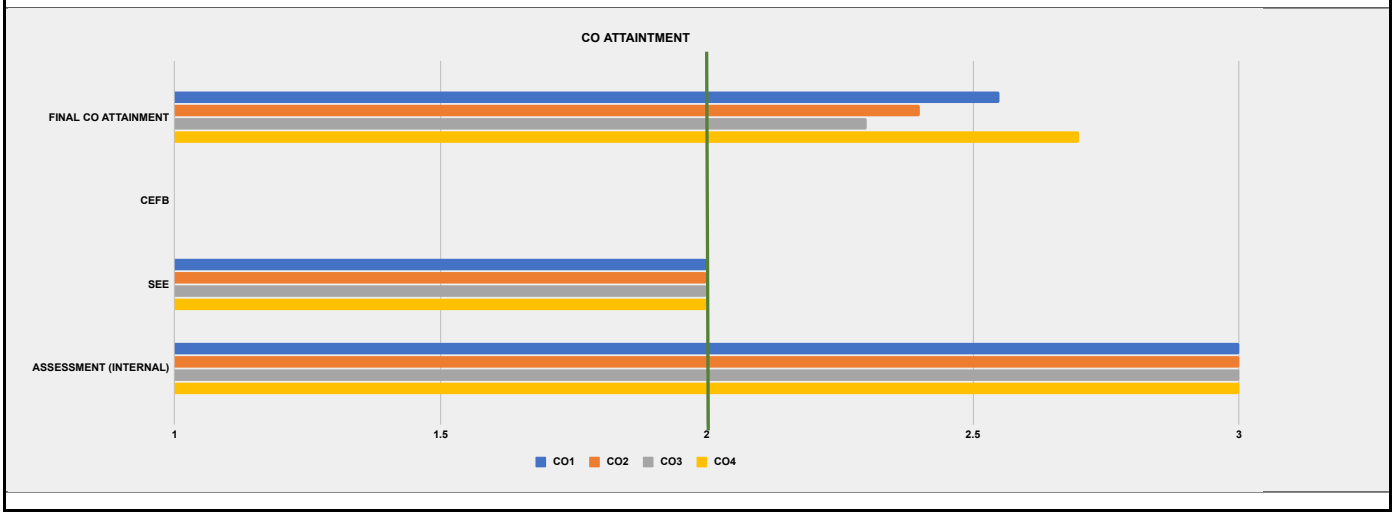
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	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	More hands on exercise and case examples for better clarity of the course application
CO2	3	2	-	2.40	2.5	No	
CO3	3	2	-	2.30	2.5	No	
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	-	2.55	2.5	Yes	More hands on exercise and case examples for better clarity of the course application
CO2	3	2	-	2.40	2.5	No	
CO3	3	2	-	2.30	2.5	No	
CO4	3	2	-	2.70	2.5	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	0	3	3	3
CO2	1	2	0	0	1	3	2	3
CO3	1	0	0	0	0	3	2	2

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 incorporate site visits
CO2	Analysing historical ideas and their implications on architectural form	2.00	
CO3	Adopting the modes of production as a chronological system to discuss the ideas that lead to a production of architecture	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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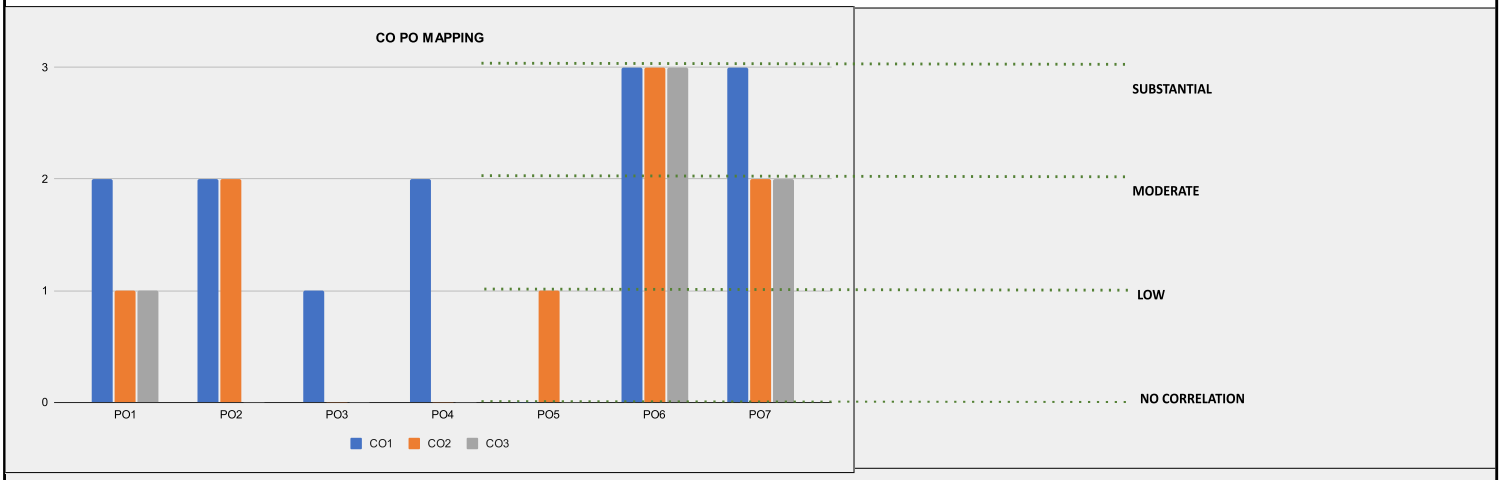
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 4
COURSE CODE (AS PER MU)	BARC405
FACULTY	Rutika Parulkar, Jamshid Bhiwandiwalla
FACULTY INCHARGE	Jamshid Bhiwandiwalla
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)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	2	1	2	0	3	3	3	2.29
CO2	1	2	0	0	1	3	2	3	2.00
CO3	1	0	0	0	0	3	2	2	2.00
PO AVERAGE	1.33	2.00	1.00	2.00	1.00	3.00	2.33	2.67	
Conclusion and Resolution	Course achieves a moderate resolution.								

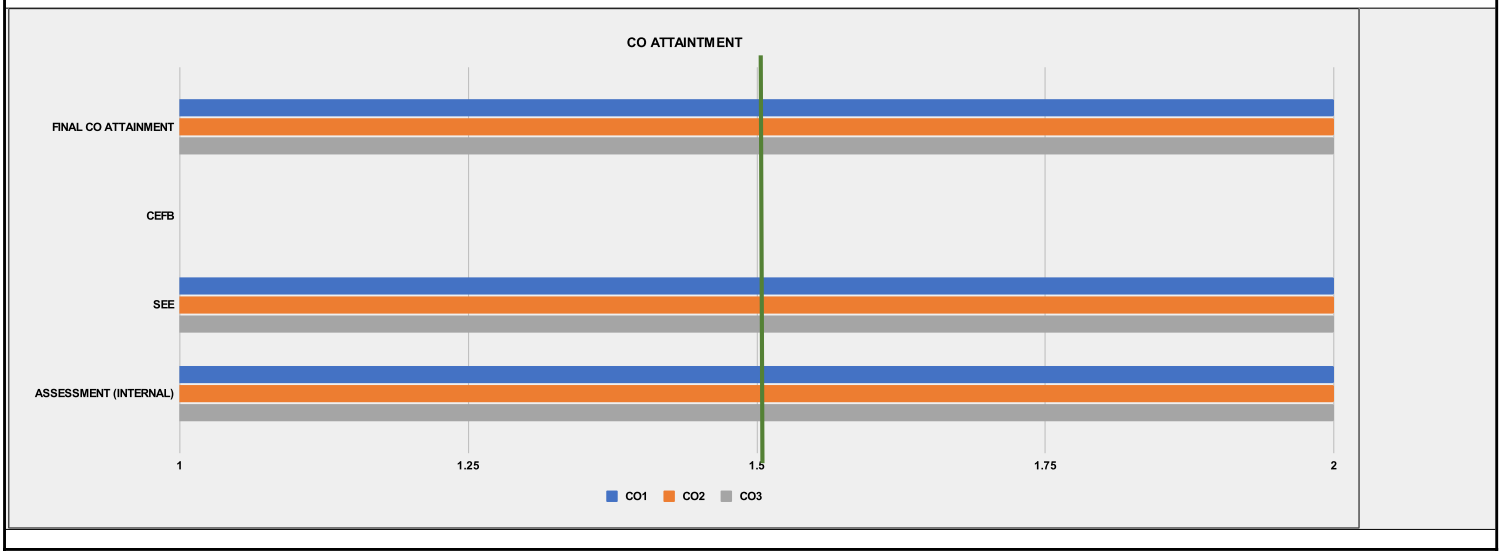
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	34
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	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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	2	-	2	2.2	No	Can incorporate site visits
CO2	2	2	-	2.00	2	Yes	
CO3	2	2	-	2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	To introduce more case studies for better understanding
CO2	To understand the framework and modality of stormwater management systems in and around a building, using case study-based approaches.	2.60	Target 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.	2.70	To introduce more case studies for better understanding

Course-level PO Attainments

PO1 Attainment	**2.53**	**PO5 Attainment**	**2.55**
PO2 Attainment	**2.45**	**PO6 Attainment**	**2.58**
PO3 Attainment	**2.60**	**PO7 Attainment**	**2.58**
PO4 Attainment	**2.45**	**PO8 Attainment**	**2.58**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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 Y, Aarti, Ruju
FACULTY INCHARGE	Minal Y
TOTAL MARKS	100

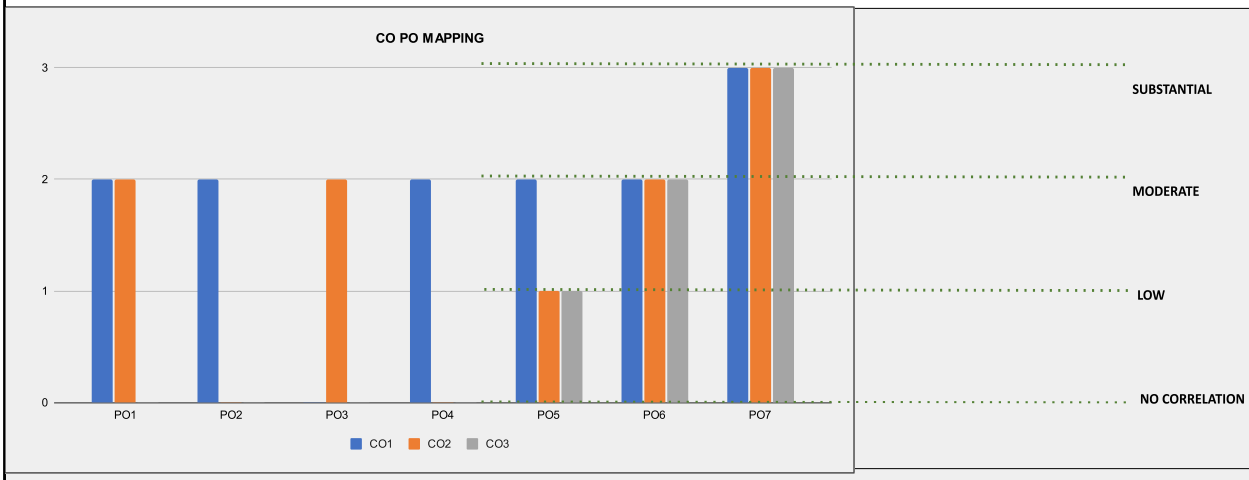
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To identify, assess, need, safeguard, restore and promote sustainable use of global ecosystems through traditional and contemporary approaches of rainwater harvesting systems.	L5 - Evaluate (Justify a stand or decision)
CO2	To understand the framework 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.	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	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 highly aligned with program outcomes.								

CORRELATION LEVELS FOR POS

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



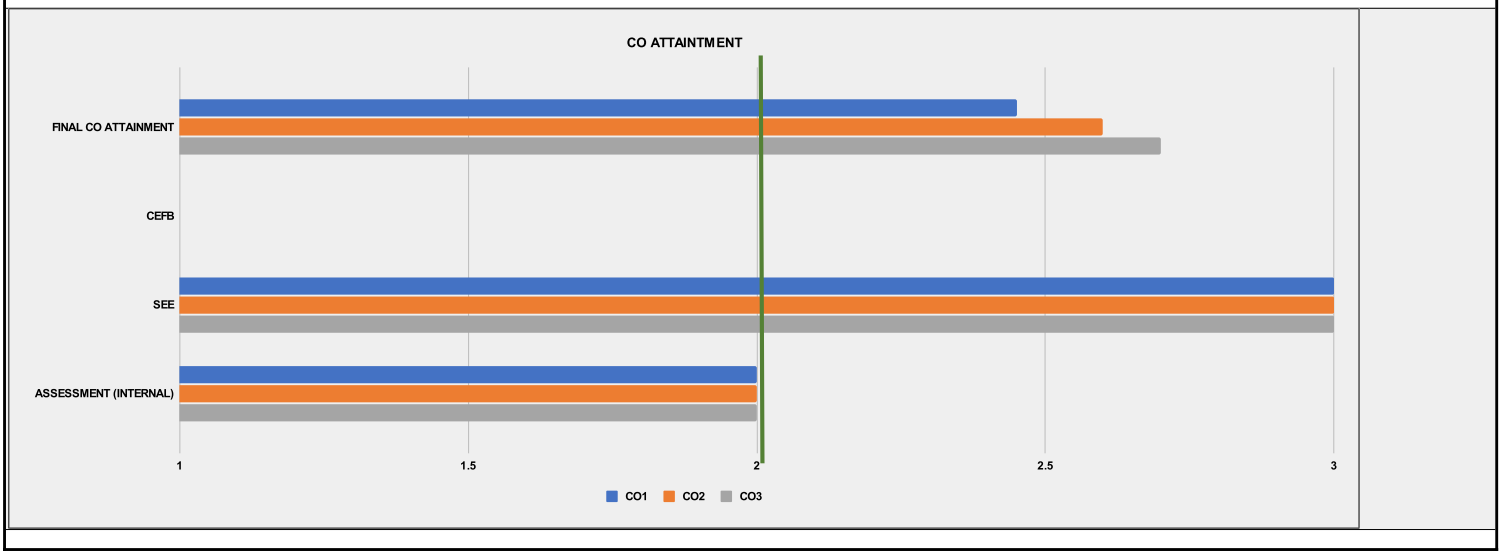
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	32
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			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	2	3	-	2.45	2.5	No	To introduce more case studies for better understanding
CO2	2	3	-	2.60	2.5	Yes	Target achieved as planned
CO3	2	3	-	2.70	3	No	To introduce more case studies for better understanding



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	No corrective measures required
CO2	Creating a collective exhibit, 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	

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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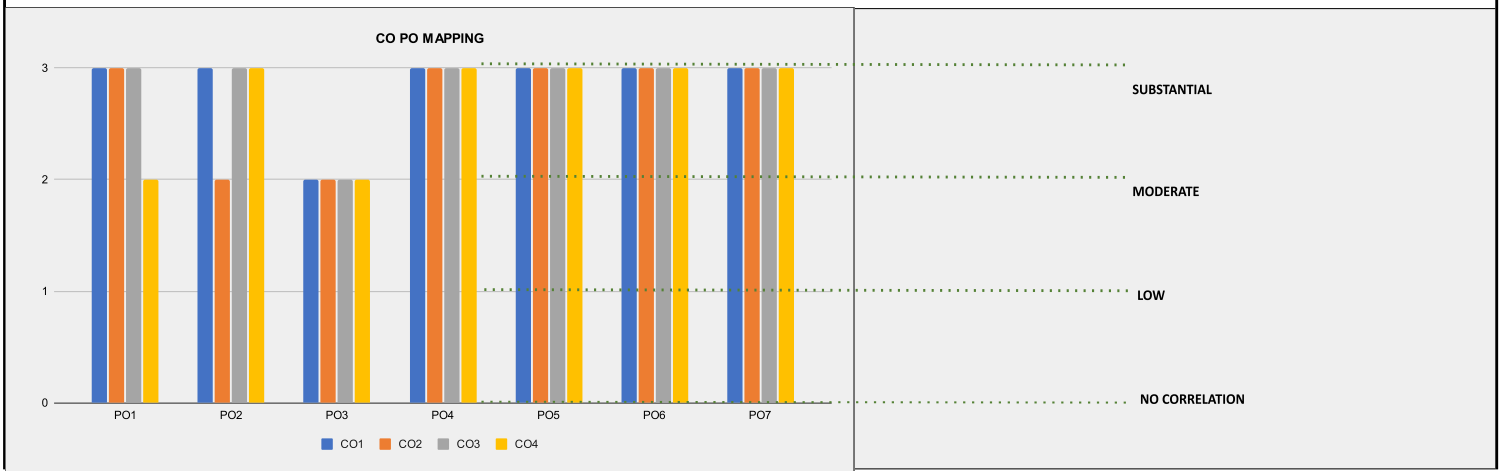
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 4
COURSE CODE (AS PER MU)	BARC407
FACULTY	Kimaya Keluskar, Rutika Parulkar, Mamta Patwardhan, Ginella George, Kaushik, Vikram Pawar
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.	L3 - Apply (Use information in new situations)
CO2	Creating a collective exhibit, 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.	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	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.								

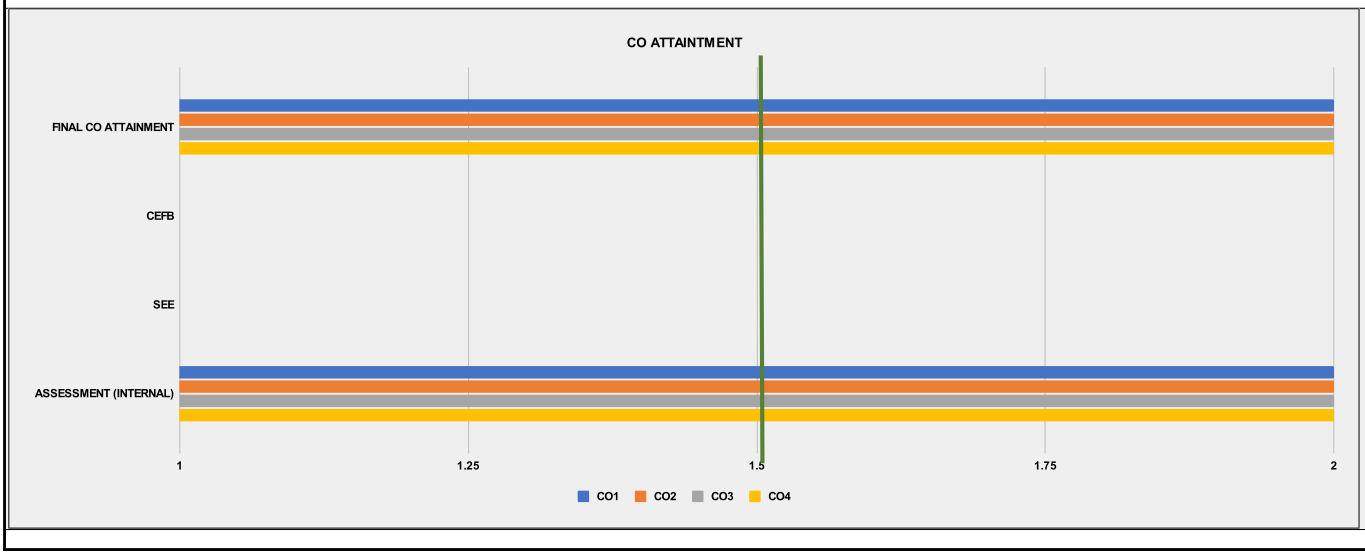
CORRELATION LEVELS FOR POS	
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	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	No corrective measures required
CO2	2	-		2.00	2	Yes	No corrective measures required
CO3	2	-		2.00	2	Yes	No corrective measures required
CO4	2	-		2.00	2	Yes	No corrective measures required



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.00	
CO2	Analysing and taking a position with respect to acts of design	2.00	
CO3	Applying the learning 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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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 2
COURSE CODE (AS PER MU)	BARC409
FACULTY	Manoj Parmar, Rutika Parulkar
FACULTY INCHARGE	Rutika Parulkar
TOTAL MARKS	50

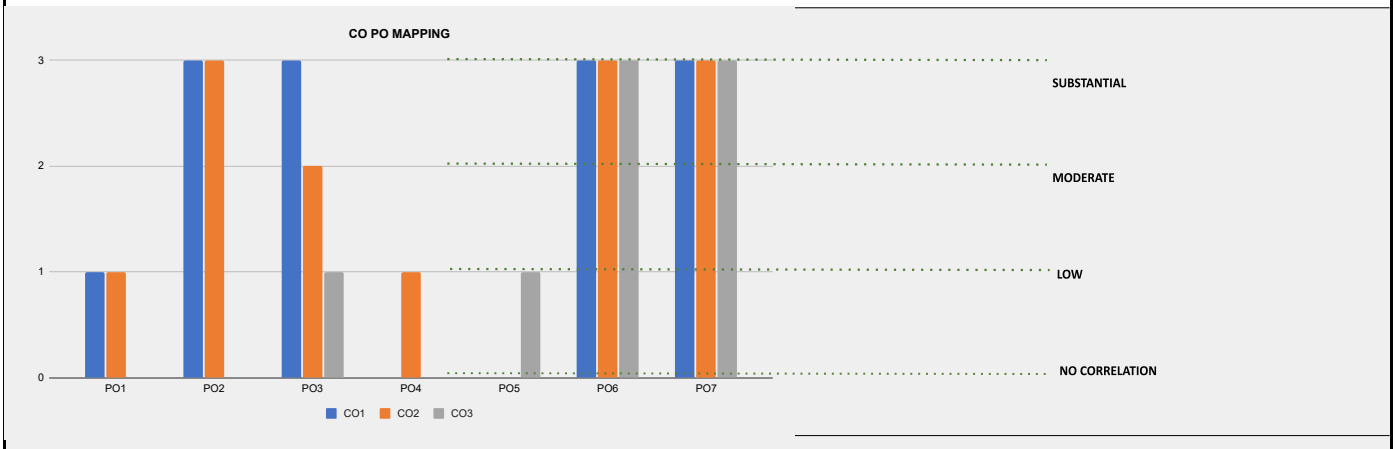
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the ideas and concepts that have shaped architectural thinking	L2 - Understand (Explain ideas or concepts)
CO2	Analysing and taking a position with respect to acts of design	L4 - Analyse (Draw connections among ideas)
CO3	Applying 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 a moderate resolution.								

CORRELATION LEVELS FOR POS

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



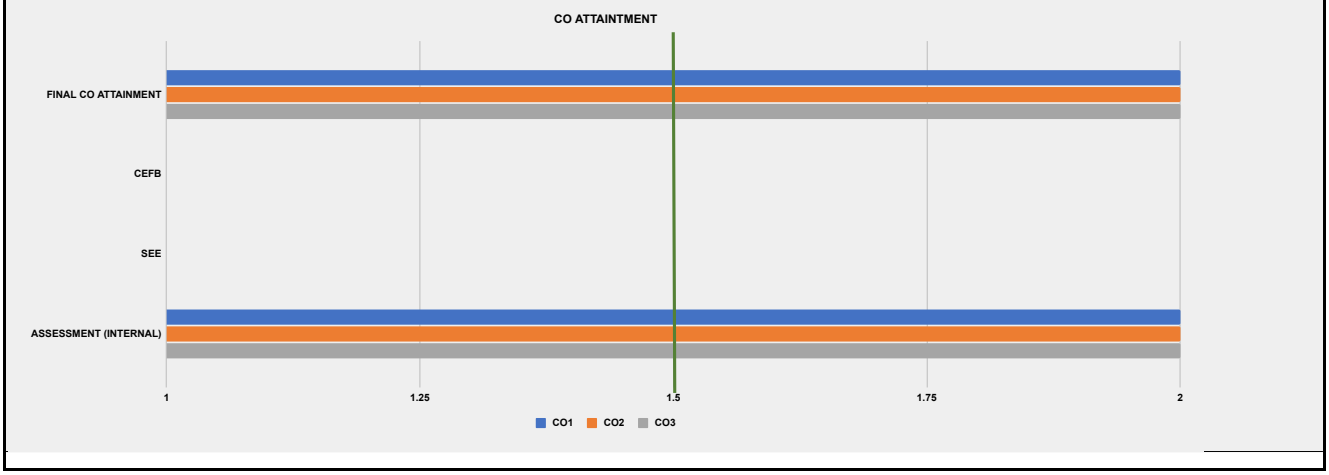
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	34

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	Yes	
CO2	2	-		2.00	1.8	Yes	
CO3	2	-		2.00	2	Yes	



PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	0	1	3	2	3	3	1
CO2	3	1	1	0	0	1	2	1
CO3	3	1	1	2	1	2	1	0
CO4	0	0	0	0	2	2	1	2
CO5	0	0	0	0	1	2	0	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	To understand methods of surveying and documentation of contexts.	3.00	
CO2	To understand ideas and concepts that have shaped architectural thinking	3.00	
CO3	To apply and evaluate the built through the aspects of time in the given context.	3.00	
CO4	To identify, assess, need, safeguard, restore and promote sustainable use of global ecosystems through traditional and contemporary approaches of rainwater harvesting systems.	3.00	
CO5	To explore and realize the micro and macro level sustainable effluent management systems and further incorporate the relevant strategies in their architectural design projects.	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	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 4
COURSE CODE (AS PER MU)	BARP420
FACULTY	Mamta, Ginella, Yashada, Shirish, Vikram, Kimaya, Aarti, Minal, Ruju, Manoj, Rutika
FACULTY INCHARGE	Kimaya
TOTAL MARKS	100

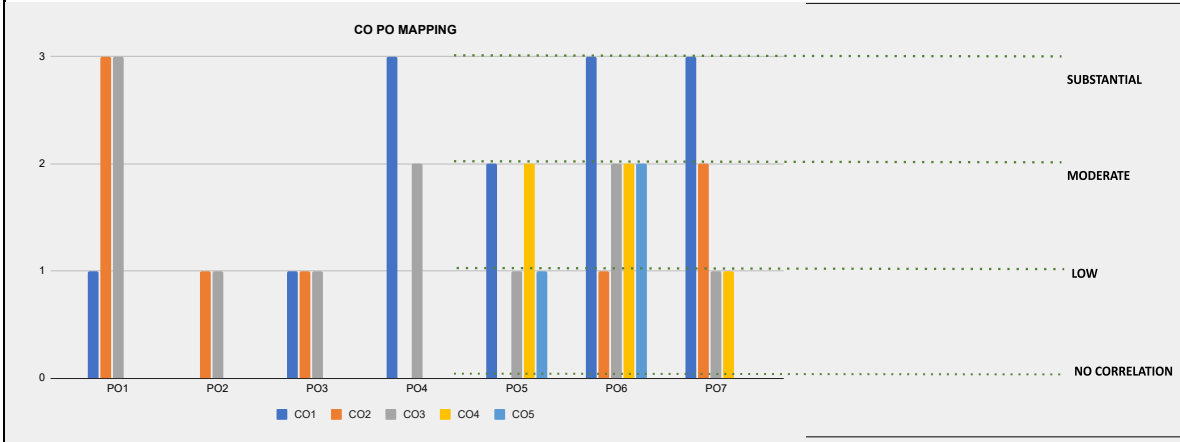
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand methods of surveying and documentation of contexts.	L2 - Understand (Explain ideas or concepts)
CO2	To understand ideas and concepts that have shaped architectural thinking	L1 - Remember (Recall facts and basic concepts)
CO3	To apply and evaluate the built through the aspects of time in the given context.	L5 - Evaluate (Justify a stand or decision)
CO4	To identify, assess, need, safeguard, restore and promote sustainable use of global ecosystems through traditional and contemporary approaches of rainwater harvesting systems.	L5 - Evaluate (Justify a stand or decision)
CO5	To explore and realize the micro and macro level sustainable effluent management systems and further incorporate the relevant strategies in their architectural design projects.	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	0	1	3	2	3	3	1	2.00
CO2	3	1	1	0	0	1	2	1	1.50
CO3	3	1	1	2	1	2	1	0	1.57
CO4	0	0	0	0	2	2	1	2	1.75
CO5	0	0	0	0	1	2	0	2	1.67
PO AVERAGE	2.33	1.00	1.00	2.50	1.50	2.00	1.75	1.33	
Conclusion and Resolution	d looking at building services and the idea of being serviced through theoretical lenses. Also the lockdown due to the pandemic led to evaluation being more lenient, a								

CORRELATION LEVELS FOR POS

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



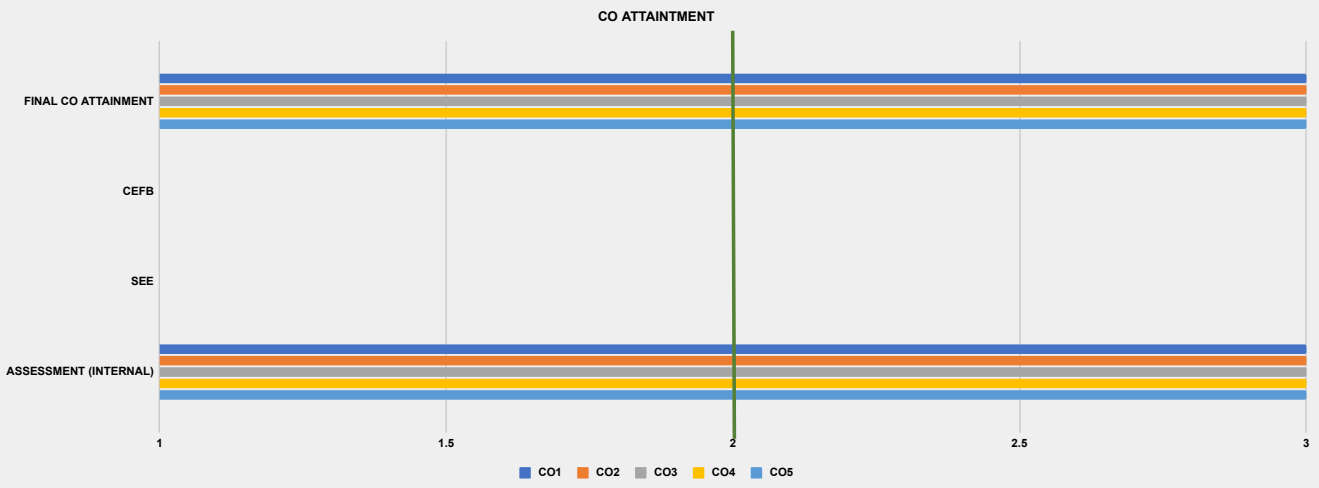
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	72

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	3	Yes	
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.8	Yes	
CO4	3	-		3.00	2	Yes	
CO5	3	-		3.00	2.8	Yes	



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Third Year

Third Year Report

2019-20. 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.	**2.46**	The course continues to explore the broader implications and responsibilities of architecture in society & its impact on cultural, socio-economic, and environmental networks at the neighborhood level.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	**2.46**	The course enables applying context based intuitive design ideas and analytically resolving the same.
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	**2.46**	The course enables students to ideate in abstractions and arrive at its practical resolution through set of fine drawings,
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	**2.45**	The course facilitates students to understand other regions and cultures through exchange programs and study trips
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	**2.45**	The course facilitates the understanding of collaborative practices by encouraging students to participate in various competions without losing their voice
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	**2.46**	The ARD course facilitates the technicality and its emergence from social/cultural/material systems through a set of well formulated contextual drawings considering the factors such climate, material available, cultural connotation in design etc.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	**2.46**	Design, Theory as well as technical courses facilitates understanding of how architectural form emerges from the various systems be it socio-cultural or material
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).	**2.45**	The course continues to critically examine the connection between architectural skills, the role of the architect, and the creation of the spatial environment we occupy.

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Semester 5

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.45	The study of Mumbra was interesting, but did not lead to creative programme evolution
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	2.60	
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.	2.30	The students needed more references to arrive upon design projects
CO5	To be able to present and communicate their projects successfully.	2.50	

Course-level PO Attainments

PO1 Attainment	**2.51**	**PO5 Attainment**	**2.47**
PO2 Attainment	**2.52**	**PO6 Attainment**	**2.58**
PO3 Attainment	**2.52**	**PO7 Attainment**	**2.49**
PO4 Attainment	**2.53**	**PO8 Attainment**	**2.50**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Mayuri Sisodia, Shilpa Gore Shah, Sandeep Menon, Apurva Parikh, Rhea Shah, Vishal Jayan
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	200

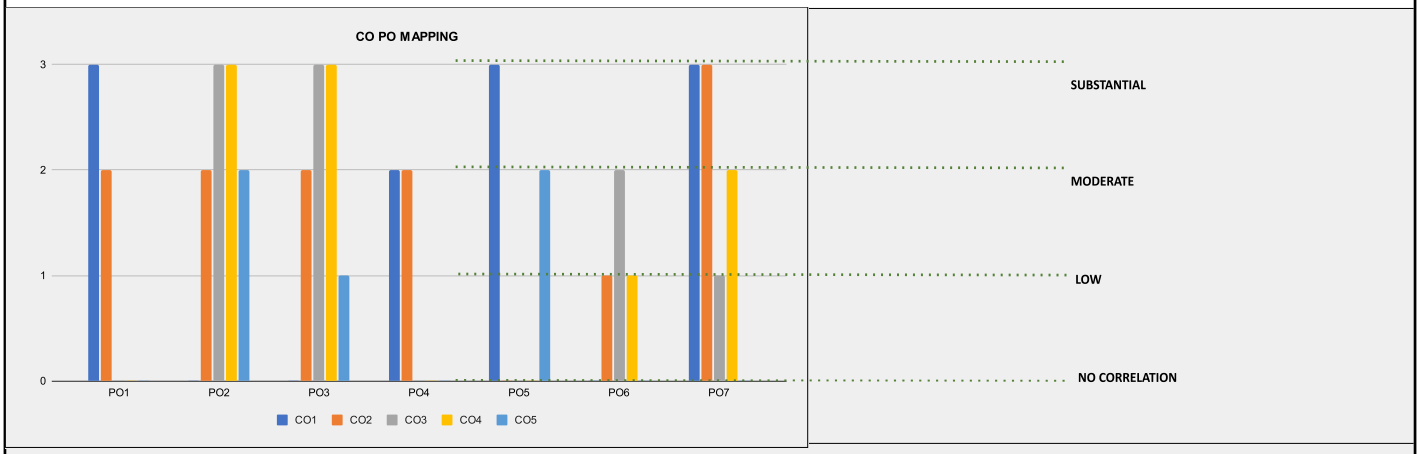
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand programme evolution and institutional structures	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	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	The course is seen as an important course for holistic thinking about architecture, its role and building resolution. The course objectives therefore cover the entire range for architectural learning, except the last programme objective which concerns the nature of professionnal practice itself								

CORRELATION LEVELS FOR POS

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



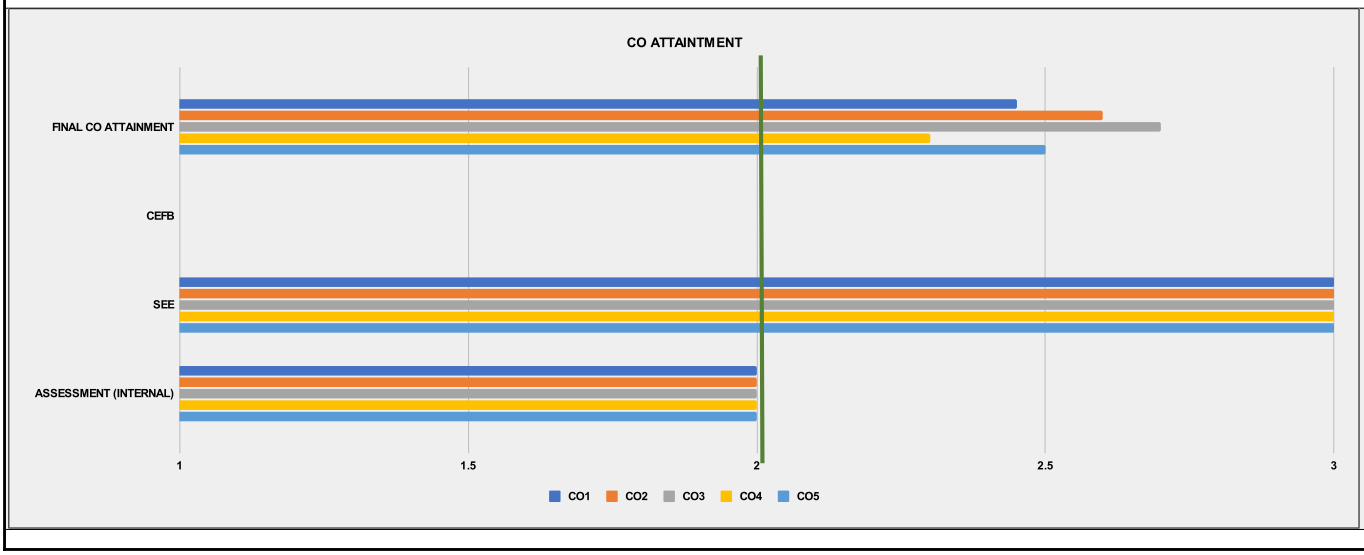
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2.5	No	The study of Mumbra was interesting, but did not lead to creative programme evolution
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	2.30	2.5	No	The students needed more references to arrive upon design projects
CO5	2	3	-	2.50	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	1	1	1	2	3	2	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.	2.00	
CO2	To understand the broader sense of the relationship between the built environment and the larger ecological region.	2.00	
CO3	To analyze and integrate the observations from the contexts into their design programmes	2.00	The students will be introduced to more programme-specific case studies and methods on build to on their analysis.

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	2019-2020
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, SHWETA W, SAMIRA R, RHEA S, PRACHEE V, SANYUKTA J.
FACULTY INCHARGE	SANDEEP M
TOTAL MARKS	100

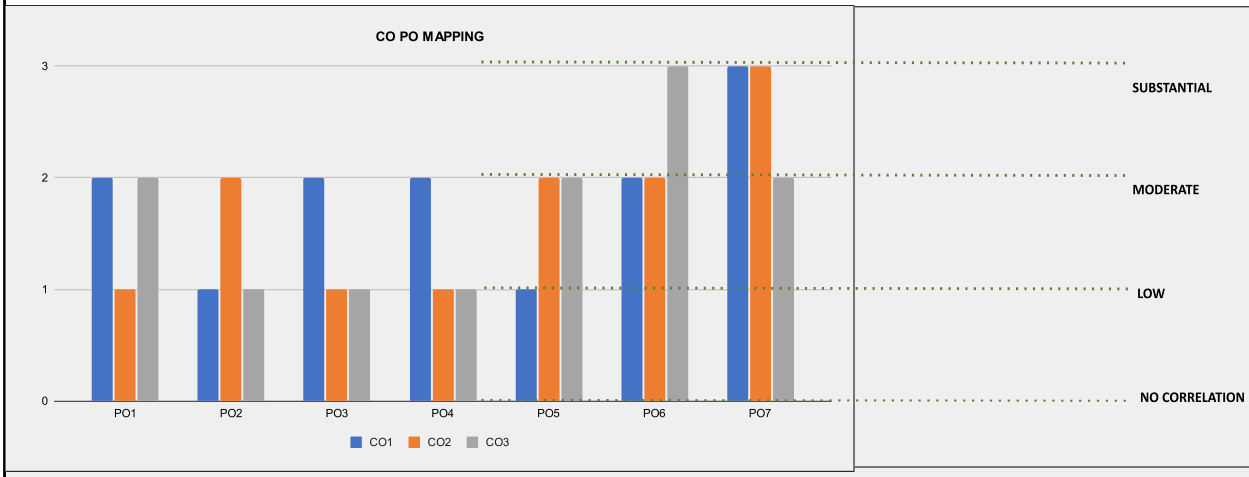
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To apply ways of seeing and representing un-built entities (both anthropogenic and natural) and it's experiential qualities.	L3 - Apply (Use information in new situations)
CO2	To understand the broader sense of the relationship between the built environment and the larger ecological region.	L2 - Understand (Explain ideas or concepts)
CO3	To analyze and integrate the observations from the contexts into their design programmes	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	2	1	2	3	3	2.00
CO2	1	2	1	1	2	2	3	2	1.75
CO3	2	1	1	1	2	3	2	3	1.88
PO AVERAGE	1.67	1.33	1.33	1.33	1.67	2.33	2.67	2.67	
Conclusion and Resolution	The course able to focus on research-based findings and sensitizing the students regarding the interconnected ecological systems and the various landscape entities, their interrelationships, and their influences in shaping the place. We have to work on the methods of building up on analysis and integration of the design programme.								

CORRELATION LEVELS FOR POS

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



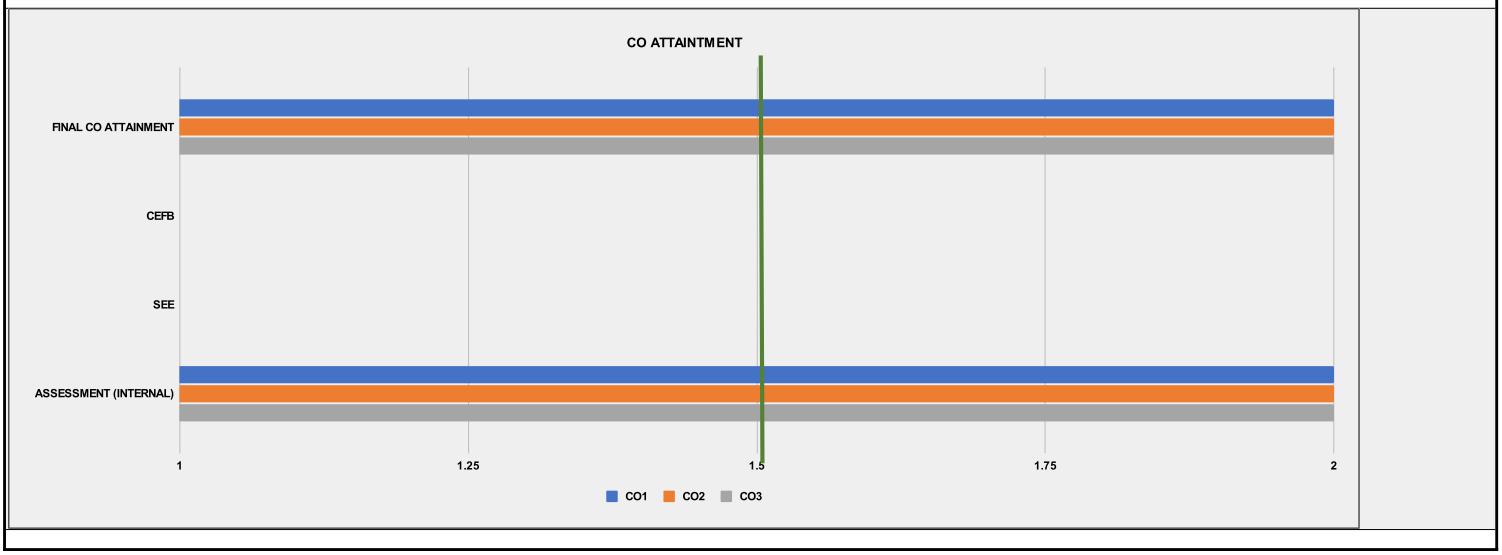
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	62

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	2	Yes	
CO3	2	-		2.00	3	No	The students will be introduced to more programme-specific case studies and methods on build to on their analysis.



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.30	More real life examples need to be shown
CO2	Design advanced slabs and lightweight skin systems for RCC and MS framed buildings, incorporating sustainable and efficient strategies	2.60	Achieved as planned
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.	2.30	Learner should be encouraged to visit constructi

Course-level PO Attainments

PO1 Attainment	2.43		**PO5 Attainment**		2.30
PO2 Attainment	2.51		**PO6 Attainment**		2.30
PO3 Attainment	2.49		**PO7 Attainment**		2.43
PO4 Attainment	2.30		**PO8 Attainment**		2.30

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Dnyanesh, Shrey, Rutika, Sandhya
FACULTY INCHARGE	Jimmy
TOTAL MARKS	100

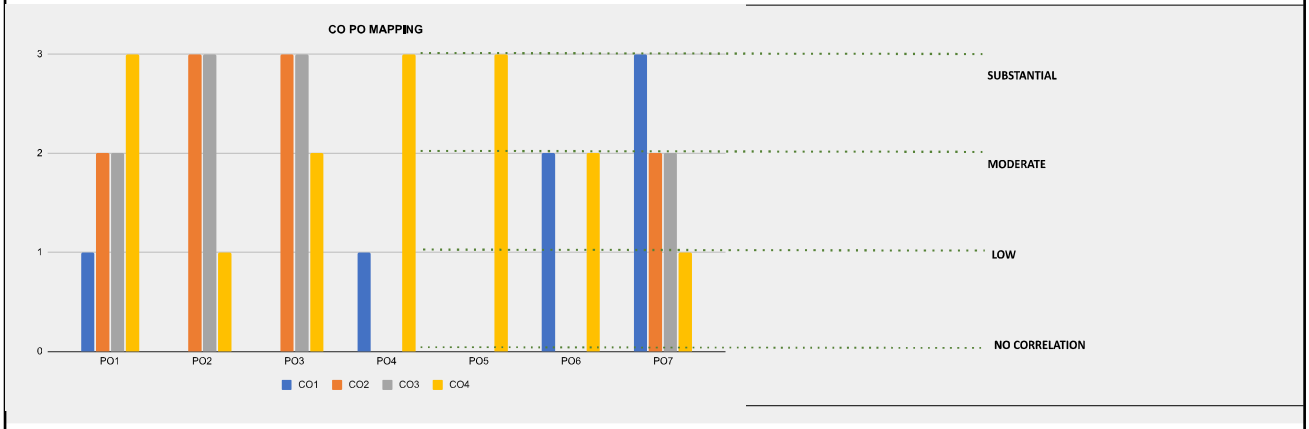
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Analyze and evaluate the structural system designs and materials used in institutional buildings, including their impact on the overall building performance and functionality in a technical sense.	L4 - Analyse (Draw connections among ideas)
CO2	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	22
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	26

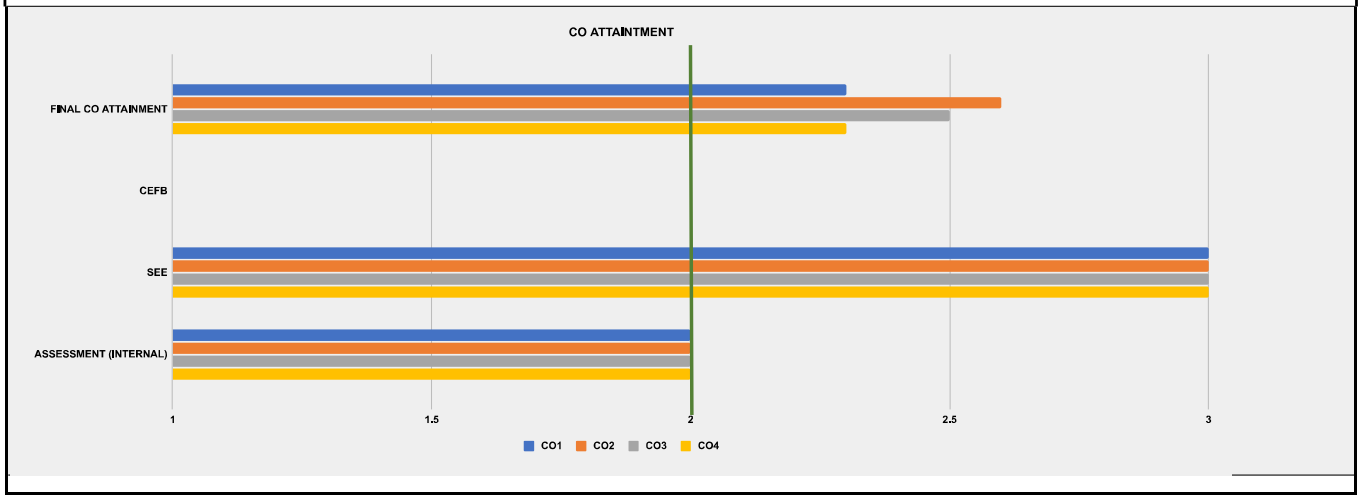
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	2	3	-	2.3	2.5	No	More real life examples need to be shown
CO2	2	3	-	2.60	2.5	Yes	Achieved as planned
CO3	2	3	-	2.50	2.5	Yes	Achieved as planned
CO4	2	3	-	2.30	2.5	No	Learner should be encouraged to visit construction sites

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.3	2.5	No	More real life examples need to be shown
CO2	2	3	-	2.60	2.5	Yes	Achieved as planned
CO3	2	3	-	2.50	2.5	Yes	Achieved as planned
CO4	2	3	-	2.30	2.5	No	Learner should be encouraged to visit construction sites



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	
CO2	Develop an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.	2.60	
CO3	Understand the behavior of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design	2.70	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	2.30	

Course-level PO Attainments

PO1 Attainment		2.50		PO5 Attainment	2.38
PO2 Attainment		2.53		PO6 Attainment	2.45
PO3 Attainment		2.49		PO7 Attainment	2.51
PO4 Attainment		2.51		PO8 Attainment	2.43

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Bharghav, Kumaraguru, Neeraj
FACULTY INCHARGE	Neeraj
TOTAL MARKS	100

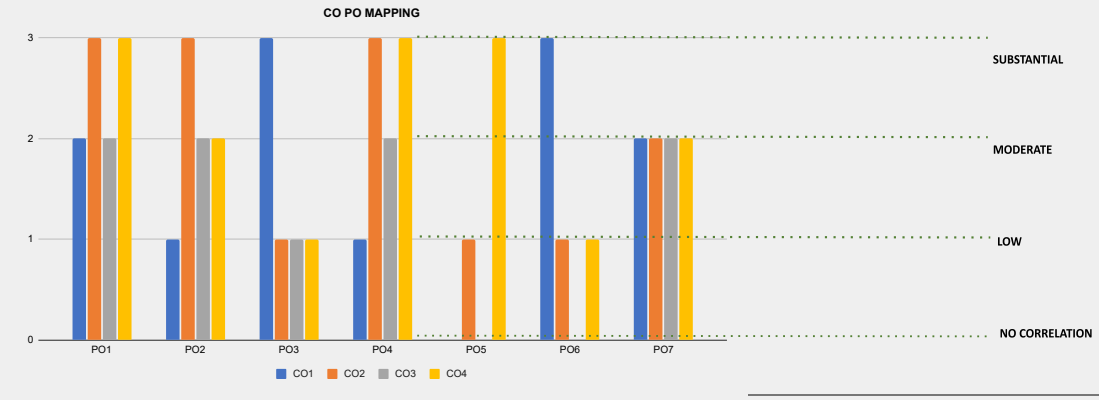
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to steel as a structural material, its inherent properties, advantages, and shortcomings.	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of the flow of loads in a steel structure and the nature of 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	35
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30

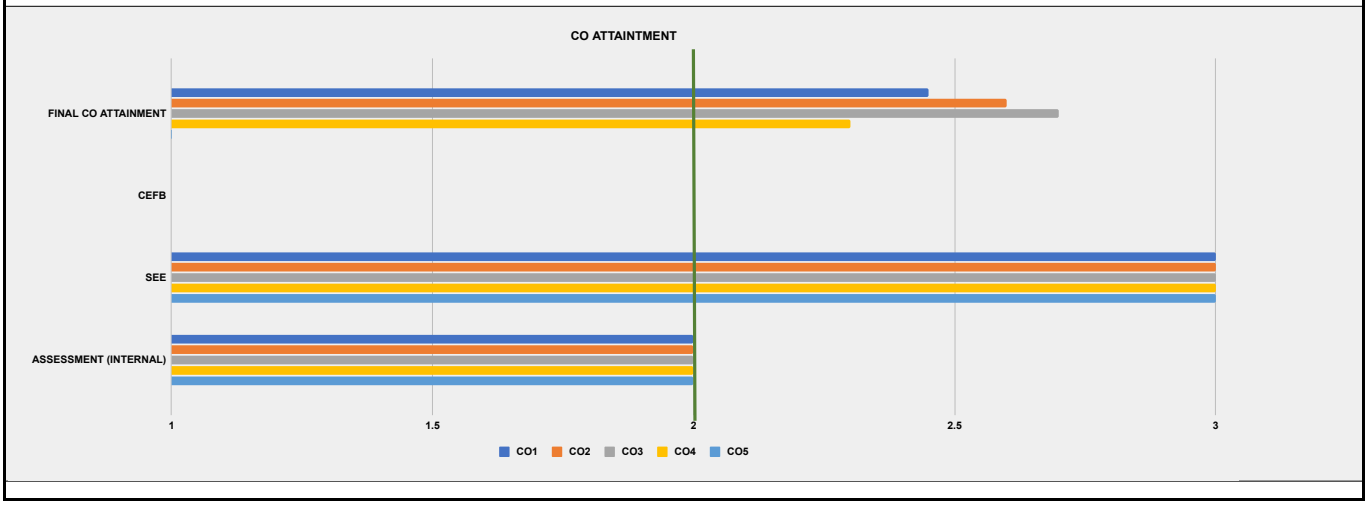
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	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	2	3	-	2.45	2	Yes	
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	2.30	2	Yes	
CO5	2	3	-	0.00		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	-	2.70	2.5	Yes	
CO4	2	3	-	2.30	2	Yes	
CO5	2	3	-	0.00		Yes	



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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**	**1**	**0**	**3**	**0**	**1**	**0**	**2**
CO2	**1**	**2**	**3**	**1**	**1**	**3**	**3**	**3**
CO3	**2**	**2**	**2**	**0**	**0**	**3**	**3**	**0**
CO Attainments								
CO. No	**CO STATEMENTS**			**FINAL CO ATTAINMENT**	**CO CORRECTIVE MEASURES**			
CO1	Creating frameworks to enable the student to deal with the shifting scales in the historiography of the historical object.			**2.00**	Easier goals with clearer approach for students.			
CO2	Applying a constellation of ideas, discussed in the earlier four semesters, to trace and write the history of a built object.			**2.00**	Making the objectives easier will help.			
CO3	Understanding and analysing the built object to dissect architectural history through various spectrums of thoughts and responses.			**2.00**	Better one-to-one conversations/discussions.			
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	2019-2020
SEMESTER	SEM 5
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Humanities 5
COURSE CODE (AS PER MU)	BARC505
FACULTY	Jimmy, Minal, Nisha, Sanaeya
FACULTY INCHARGE	Minal
TOTAL MARKS	100

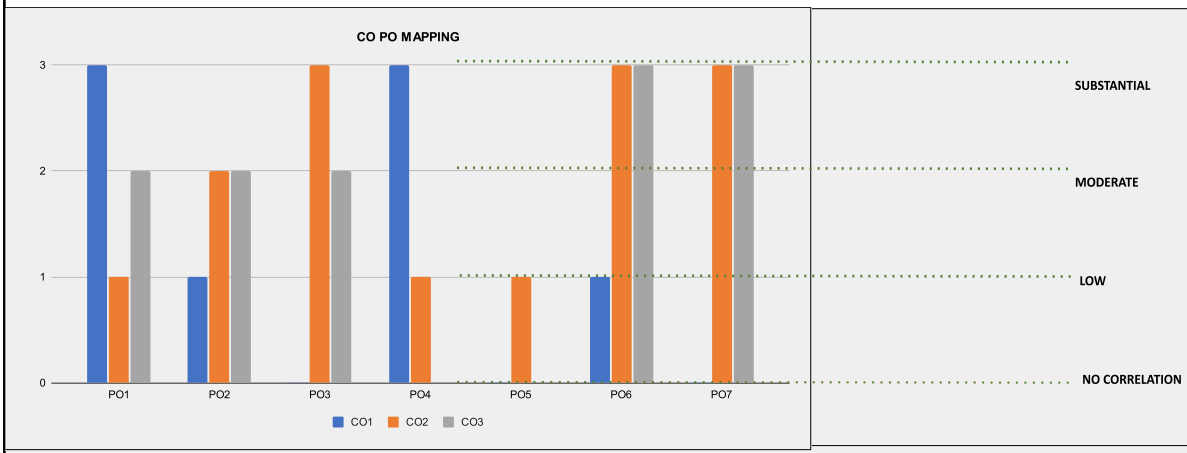
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Creating frameworks to enable the student to deal with the shifting scales in the historiography of the historical object.	L4 - Analyse (Draw connections among ideas)
CO2	Applying a constellation of ideas, discussed in the earlier four semesters, to trace and write the history of a built object.	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)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	1	0	3	0	1	0	2	2.00
CO2	1	2	3	1	1	3	3	3	2.13
CO3	2	2	2	0	0	3	3	0	2.40
PO AVERAGE	2.00	1.67	2.50	2.00	1.00	2.33	3.00	2.50	
Conclusion and Resolution	Enhanced focus on application-based exercises will close gaps between COs and POs.								

CORRELATION LEVELS FOR POS

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



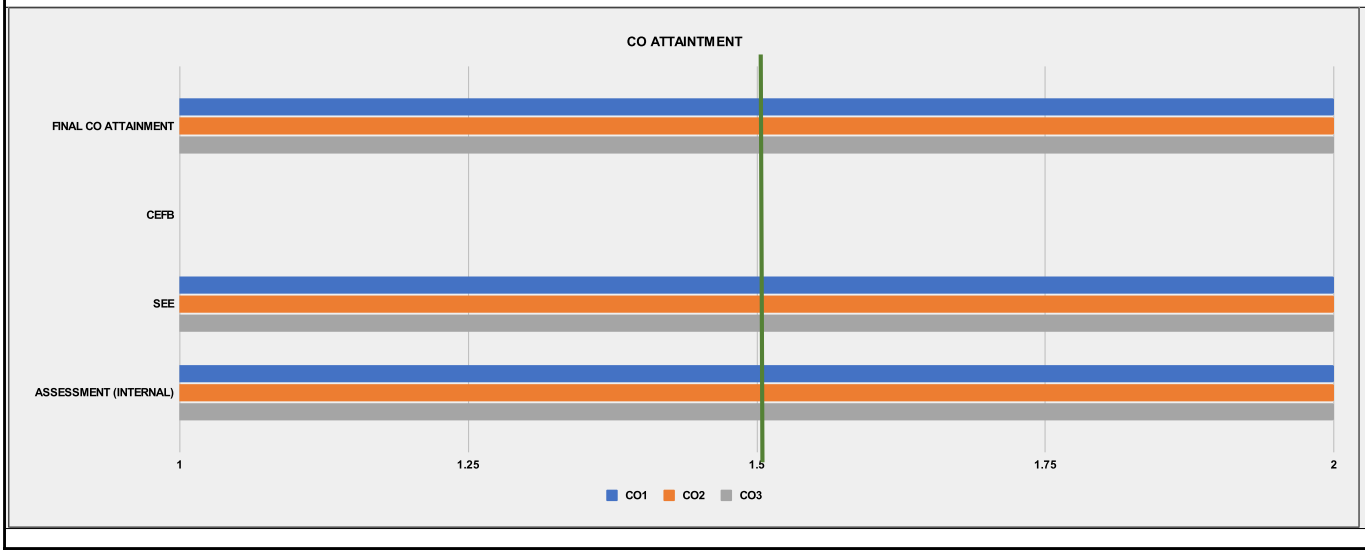
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	30
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	60	55	50	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	40	45	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 N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	2	-	2	2.5	No	Easier goals with clearer approach for students.
CO2	2	2	-	2.00	2.5	No	Making the objectives easier will help.
CO3	2	2	-	2.00	2.5	No	Better one-to-one conversations/discussions.



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	2	2	2	2	2
CO2	0	2	2	0	0	0	2	2
CO3	0	2	2	0	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.	2.45	To improve lighting and acoustics with more case studies.
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.	2.60	Target achieved as planned.
CO3	To analytically arrive at building energy-efficiency by applying alternative and renewable energy sources as well as regenerative systems.	2.70	To perform more analytical exercises in class.

Course-level PO Attainments

PO1 Attainment	**2.45**	**PO5 Attainment**	**2.58**
PO2 Attainment	**2.58**	**PO6 Attainment**	**2.53**
PO3 Attainment	**2.58**	**PO7 Attainment**	**2.58**
PO4 Attainment	**2.45**	**PO8 Attainment**	**2.58**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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 Y, Kimaya K, Jimmy, Sanjana, Durvesh
FACULTY INCHARGE	Minal Y
TOTAL MARKS	100

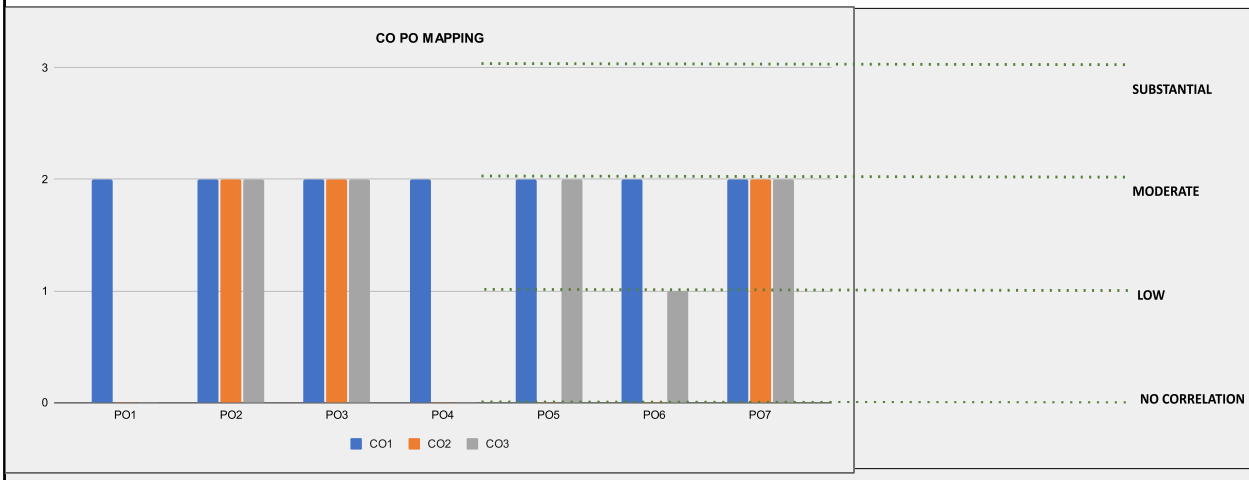
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the lighting and acoustic components and workability within a building, with a focus on holistic understanding of materiality, technical details and layout.	L3 - Apply (Use information in new situations)
CO2	To make the students explore the various techniques of representing the building systems and components, to be executed on their architectural projects and site.	L4 - Analyse (Draw connections among ideas)
CO3	To analytically arrive at building energy-efficiency by applying alternative and renewable energy sources as well as regenerative systems.	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	2	2	2	2	2	2.00
CO2	0	2	2	0	0	0	2	2	2.00
CO3	0	2	2	0	2	1	2	2	1.83
PO AVERAGE	2.00	2.00	2.00	2.00	2.00	1.50	2.00	2.00	
Conclusion and Resolution	The course outcomes moderately align 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

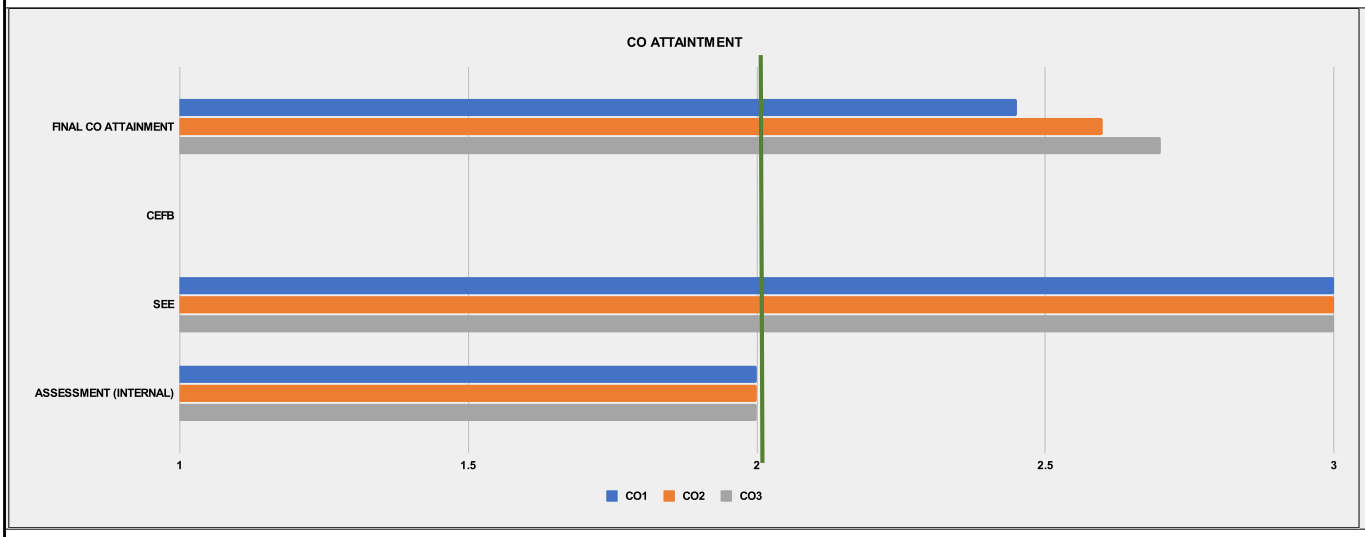
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5
INTERNAL MARKS	55	40	30		
SEE	45	60	70		
DIRECT METHOD	100	100	100	100	100
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0

WEIGHTAGE CAN BE DECIDED AS PER SUBJECT

ALWAYS ENSURE THE TOTAL IS 100 %

ALWAYS ENSURE THE TOTAL IS 100 %

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	3	-	2.45	2.5	No	To improve lighting and acoustics with more case studies.
CO2	2	3	-	2.60	2.5	Yes	Target achieved as planned.
CO3	2	3	-	2.70	2.5	Yes	To perform more analytical exercises in class.



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PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	3.00	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.	3.00	
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	3.00	
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	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	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 5
COURSE CODE (AS PER MU)	BARC507
FACULTY	Jimmy, Ainsley, Minal, Durvesh, Mihir, Dnyanesh, Nemish
FACULTY INCHARGE	Jimmy
TOTAL MARKS	100

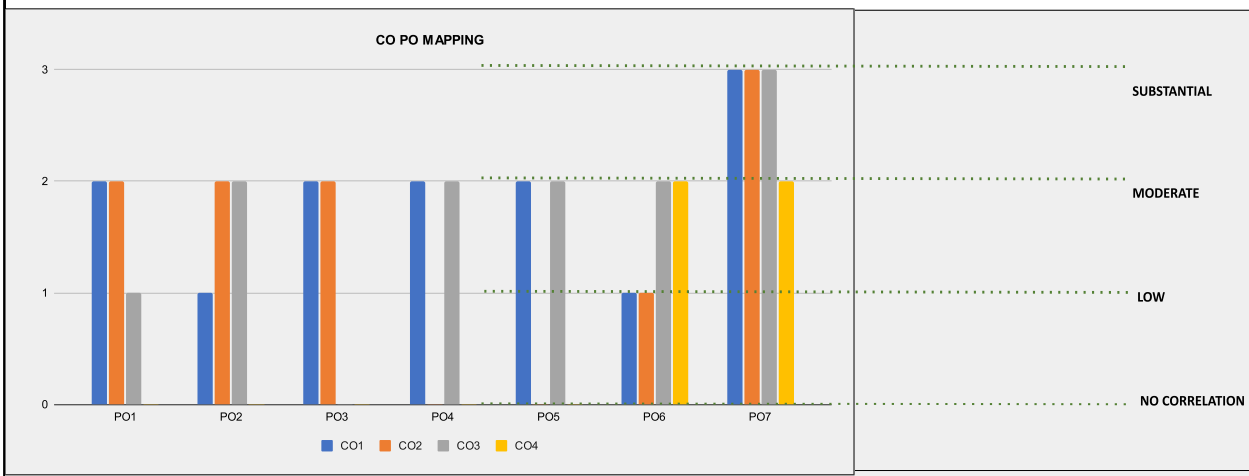
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	L2 - Understand (Explain ideas or concepts)
CO2	Students are enabled to choose the correct system from the wide 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 moderately aligned.								

CORRELATION LEVELS FOR POS

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



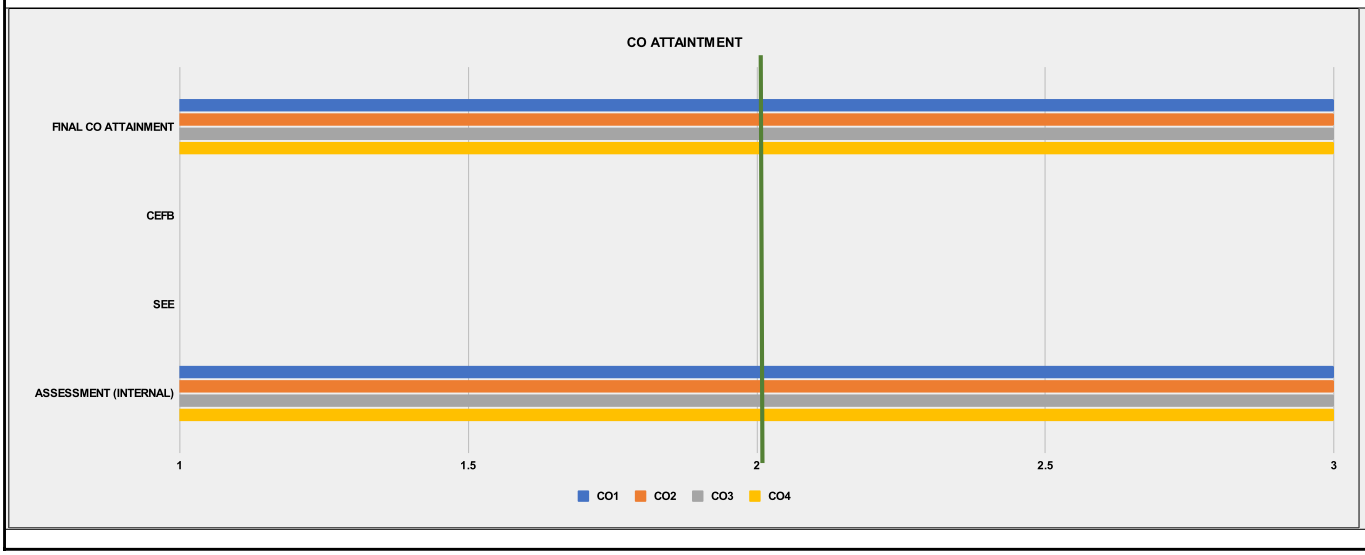
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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		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	Targets Achieved
CO2	3	-		3.00	2.5	Yes	Targets Achieved
CO3	3	-		3.00	2.5	Yes	Targets Achieved
CO4	3	-		3.00	2.5	Yes	Targets Achieved



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	The Course can be designed to be more difficult. A writing assignment needs to challenge the students to read more.
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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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

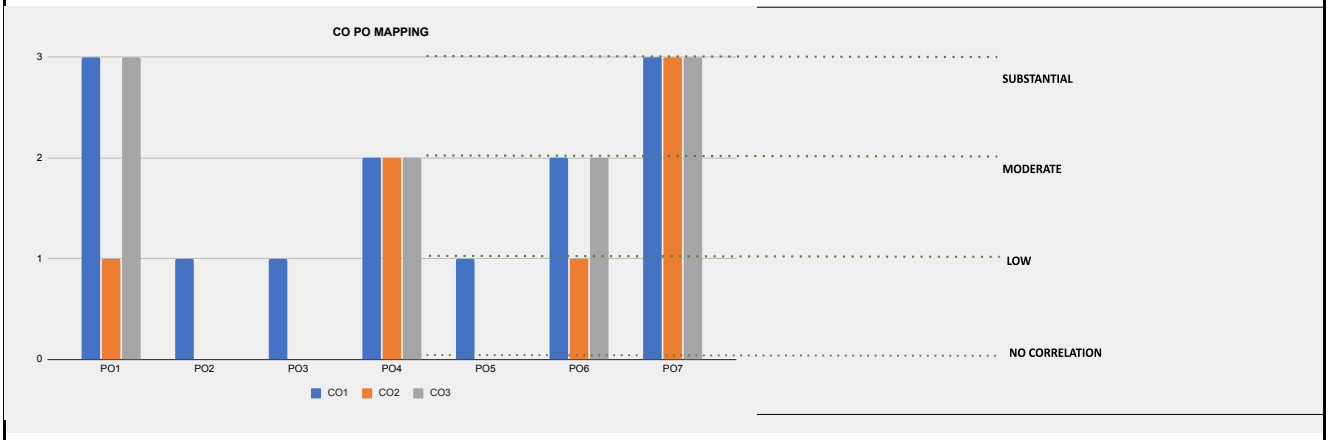
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding the relationship between spatial, temporal and intellectual contexts and architectural form	L2 - Understand (Explain ideas or concepts)
CO2	Understanding readings and ideas from twentieth century thought.	L2 - Understand (Explain ideas or concepts)
CO3	Applying critical thinking skills to evolve analytical frameworks to read architecture and other cultural artefacts	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	he 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	28

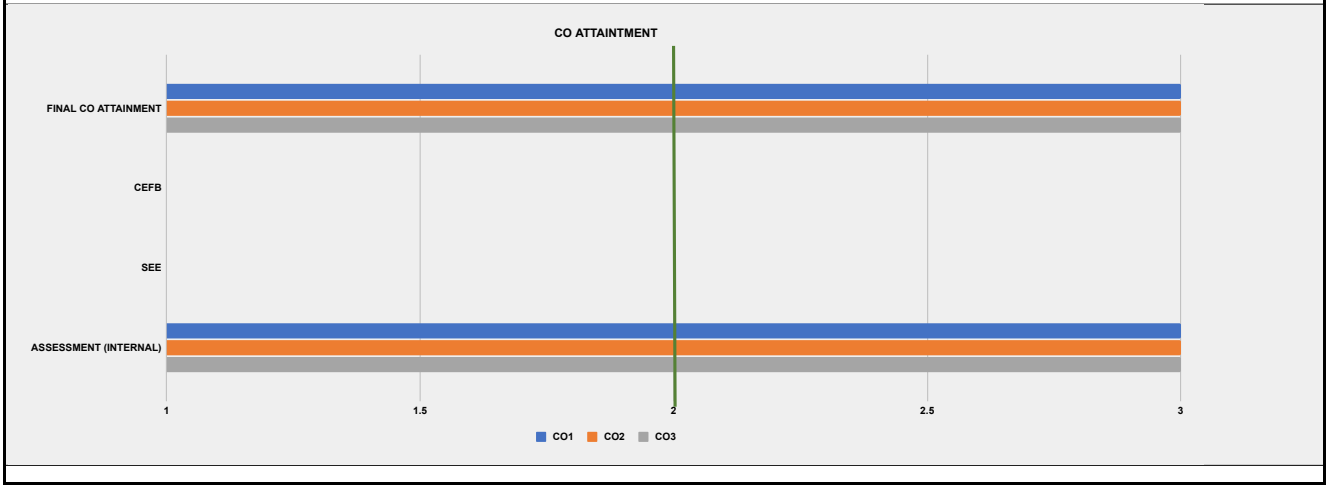
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	100	100	100	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	2	Yes	The Course can be designed to be more difficult. A writing assignment needs to challenge the students to read more.
CO3	3	-		3.00	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2	Yes	The Course can be designed to be more difficult. A writing assignment needs to challenge the students to read more.
CO2	3	-		3.00	2	Yes	
CO3	3	-		3.00	2	Yes	



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PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	1	0	0	2	1	2	2
CO2	2	2	1	0	0	1	2	2
CO3	1	2	0	1	2	1	2	2
CO4	0	0	0	0	0	1	1	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.	2.00	
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.	2.00	
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	2.00	
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	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	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 5
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 5
COURSE CODE (AS PER MU)	BARP520
FACULTY	Ainsley, Nemish, Minal, Jimmy, Mihir, Durvesh, Dyanesh, Rutika
FACULTY INCHARGE	Ainsley, Nemish, Minal, Jimmy, Mihir, Durvesh, Dyanesh, Rutika
TOTAL MARKS	100

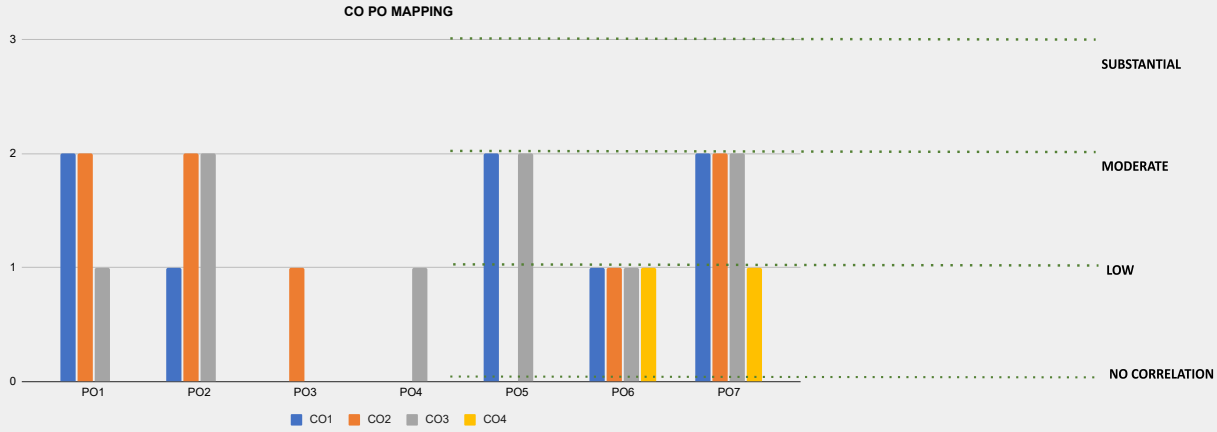
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	L2 - Understand (Explain ideas or concepts)
CO2	Students are enabled to choose the correct system from the wide array of structural, infrastructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.	L4 - Analyse (Draw connections among ideas)
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	0	0	2	1	2	2	1.67
CO2	2	2	1	0	0	1	2	2	1.67
CO3	1	2	0	1	2	1	2	2	1.57
CO4	0	0	0	0	0	1	1	2	1.33
PO AVERAGE	1.67	1.67	1.00	1.00	2.00	1.00	1.75	2.00	
Conclusion and Resolution	Course achieves a low resolution.								

CORRELATION LEVELS FOR POS

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



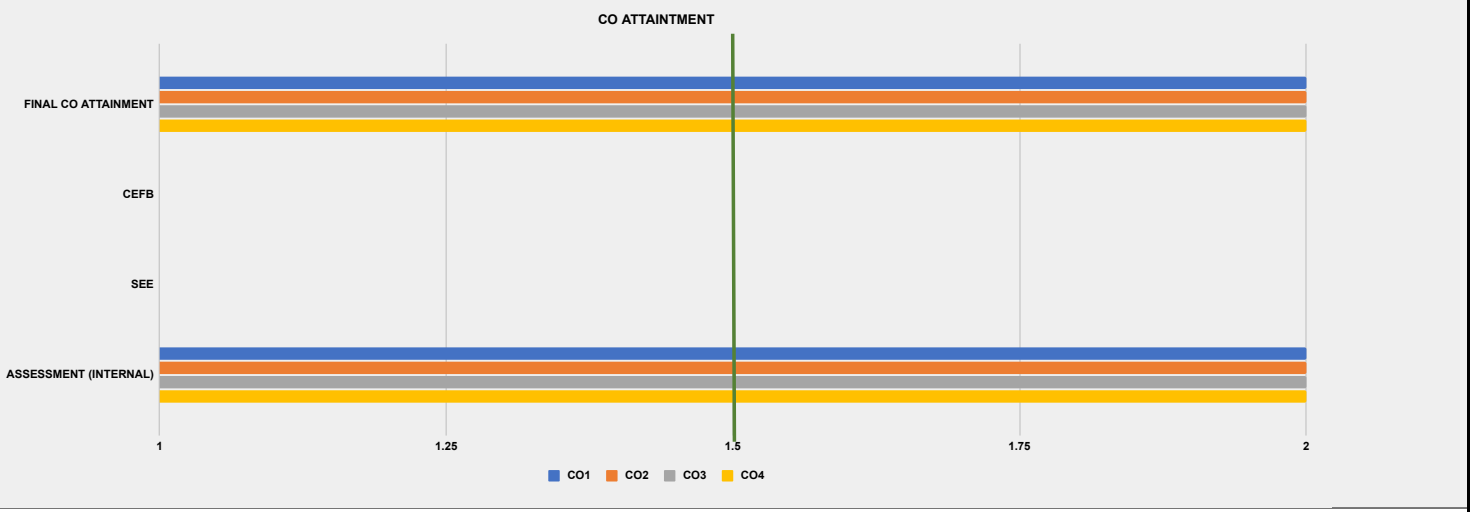
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	68

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	1.5	Yes	
CO2	2	-		2.00	1.5	Yes	
CO3	2	-		2.00	1.5	Yes	
CO4	2	-		2.00	1.5	Yes	



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Semester 6

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PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.45	Although the study was well conducted, it did not lead to good insights into the programme
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	2.60	
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.	2.30	The process for the design should have been more carefully designed
CO5	To be able to present and communicate their projects successfully.	2.50	

Course-level PO Attainments

PO1 Attainment	**2.51**	**PO5 Attainment**	**2.47**
PO2 Attainment	**2.52**	**PO6 Attainment**	**2.58**
PO3 Attainment	**2.52**	**PO7 Attainment**	**2.49**
PO4 Attainment	**2.53**	**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	2019-2020
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, Mayuri Sisodia, Shilpa Gore Shah, Apurva Parikh, Sandeep Menon, VIshal Jayan, Rhea Shah
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	

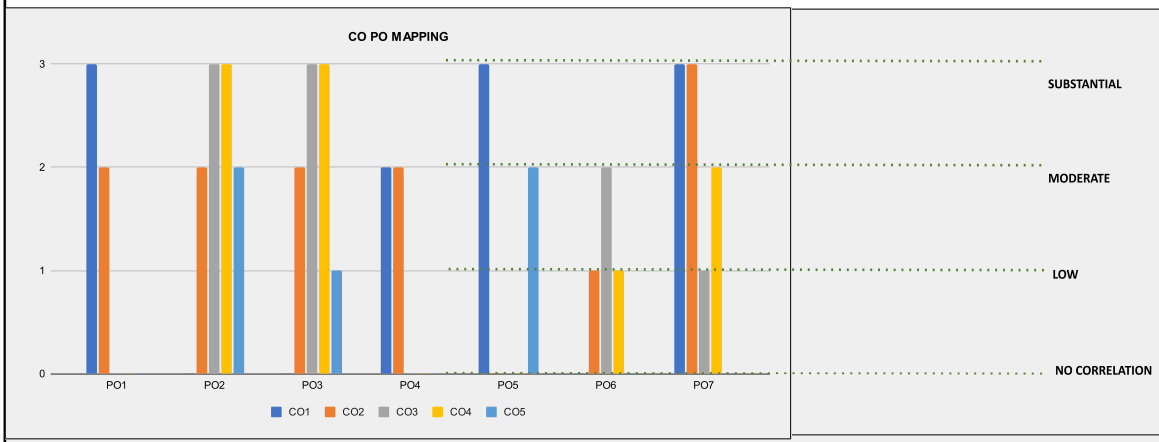
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand programme evolution and institutional structures	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	L3 - Apply (Use information in new situations)
CO3	To enable students to evolve their own positions and processes towards the design of a building.	L4 - Analyse (Draw connections among ideas)
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	The course is seen as an important course for holistic thinking about architecture, its role and building resolution. The course objectives therefore cover the entire range for architectural learning, except the last programme objective which concerns the nature of professionnal practice itself								

CORRELATION LEVELS FOR POS

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



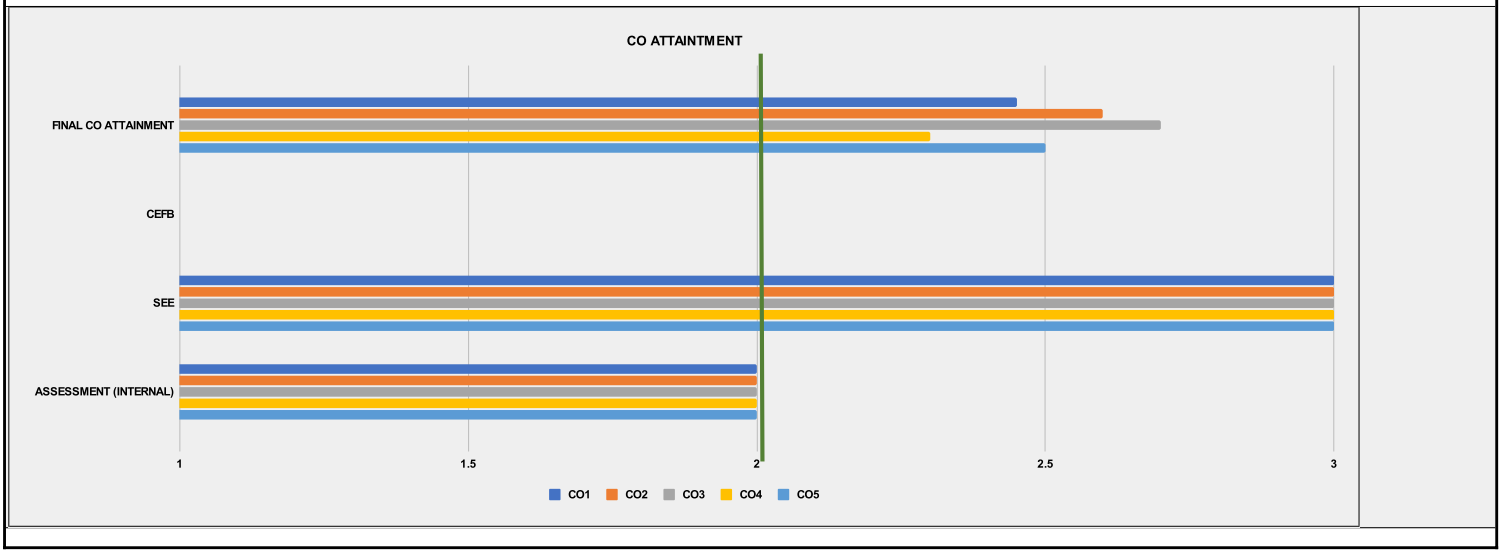
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	65

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	2	3	-	2.45	2.5	No	Although the study was well conducted, it did not lead to good insights into the programme
CO2	2	3	-	2.60	2.5	Yes	
CO3	2	3	-	2.70	2.5	Yes	
CO4	2	3	-	2.30	2.5	No	The process for the design should have been more carefully designed
CO5	2	3	-	2.50	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	1	2	2	2	3	2
CO3	2	3	1	1	0	2	0	0
CO4	2	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.	2.00	To introduce more case examples to make them understand shifting scales while understanding a region.
CO2	To enable students to build connections of the immediate site surroundings to the larger ecological networks and systems with their inter-relationships.	2.00	Students will be introduced to more methods like quadrant analysis to build an interrelationship of site surroundings and regional context.
CO3	To explore 'Landscape Projects + Practices' as part of a series of student presentations and discussions in order to expose them to various possibilities in the purview of landscape architecture.	2.00	
CO4	To help students formulate landscape programs that respond to the users, architectural programs, and site responses.	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	2019-2020
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design Studio 6
COURSE CODE (AS PER MU)	BARC602
FACULTY	Sandeep M, Sanyuka J, Shweta W, Rhea, Prachi V, Samira
FACULTY INCHARGE	Sandeep M
TOTAL MARKS	100

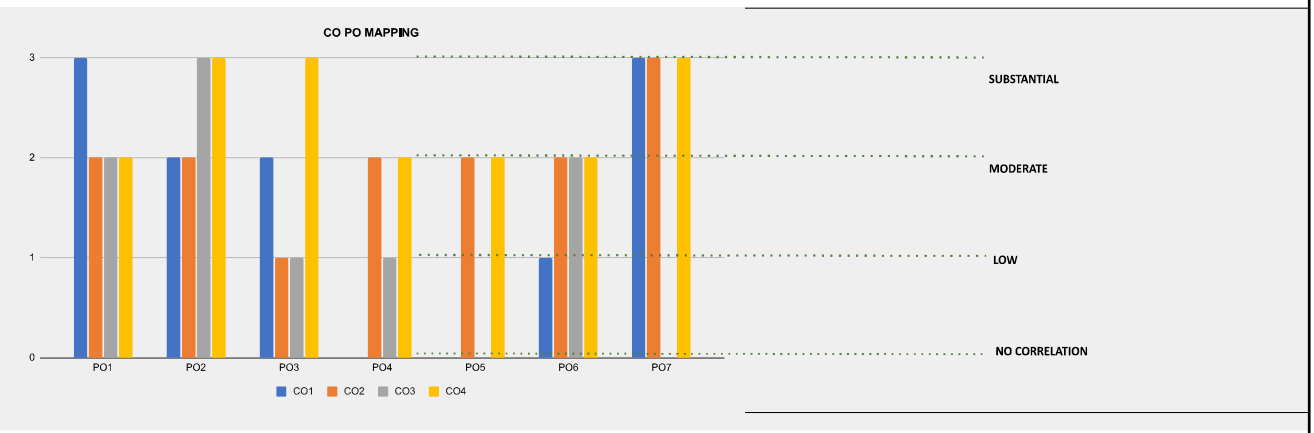
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To sensitize students to the nuances of open spaces of varied scales from Regional - large scale to small space analysis.	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to build connections of the immediate site surroundings to the larger ecological networks and systems with their inter-relationships.	L4 - Analyse (Draw connections among ideas)
CO3	To explore 'Landscape Projects + Practices' as part of a series of student presentations and discussions in order to expose them to various possibilities in the purview of landscape architecture.	L3 - Apply (Use information in new situations)
CO4	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	1	2	2	2	3	2	2.00
CO3	2	3	1	1	0	2	0	0	1.80
CO4	2	3	3	2	2	2	3	3	2.50
PO AVERAGE	2.25	2.50	1.75	1.67	2.00	1.75	3.00	2.67	
Conclusion and Resolution	The course aims to inculcate a thorough understanding of landscape programmatic development, open space planning, and landscape design development in the students. As an emphasis was to be given to the attitude of inquiry and site explorations, we would have to introduce more methods for the same.								

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

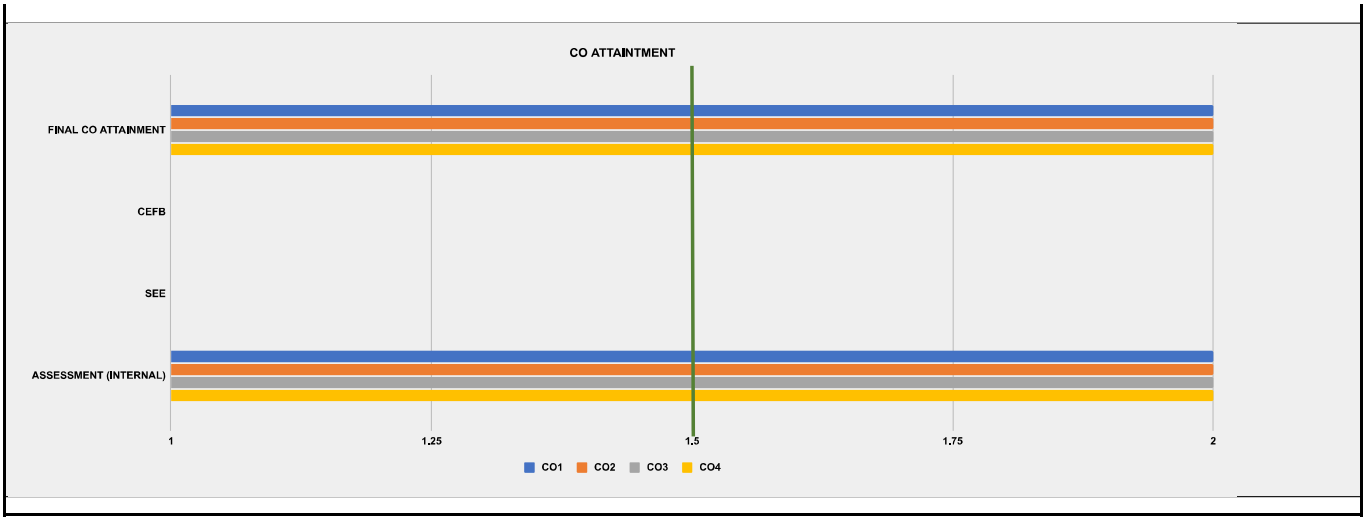
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	3	No	To introduce more case examples to make them understand shifting scales while understanding a region. Students will be introduced to more methods like quadrant analysis to build an interrelationship of site surroundings and regional context.
CO2	2	-		2.00	3	No	
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	3	No	To introduce more case examples to make them understand shifting scales while understanding a region.
CO2	2	-		2.00	3	No	Students will be introduced to more methods like quadrant analysis to build an interrelationship of site surroundings and regional context.
CO3	2	-		2.00	2	Yes	
CO4	2	-		2.00	2	Yes	



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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

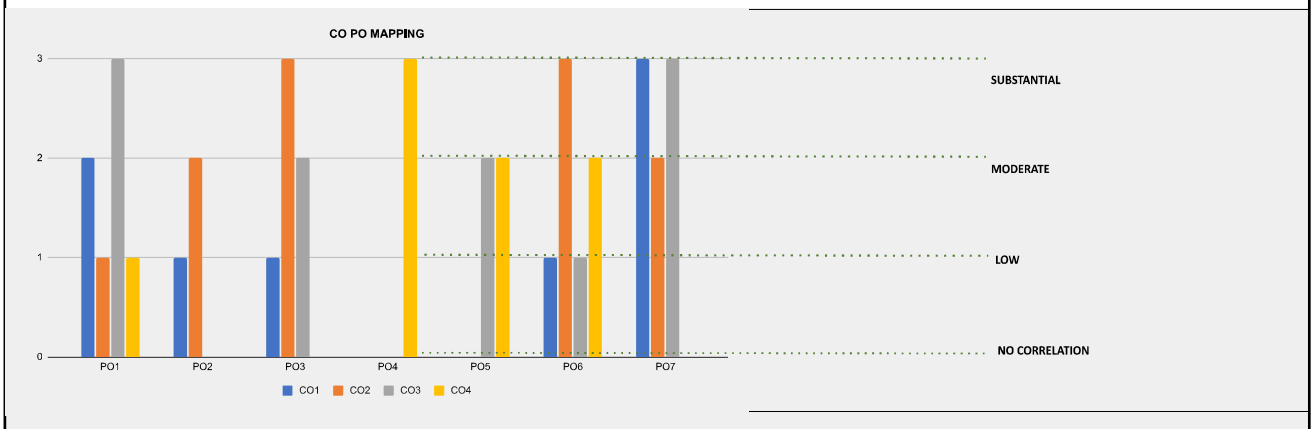
COURSE DETAILS	
PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Architectural Building Construction 6
COURSE CODE (AS PER MU)	BARC603
FACULTY	Jimmy, Avneesh, Shrey, Dnyanesh, Neeraj, Sandhya
FACULTY INCHARGE	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



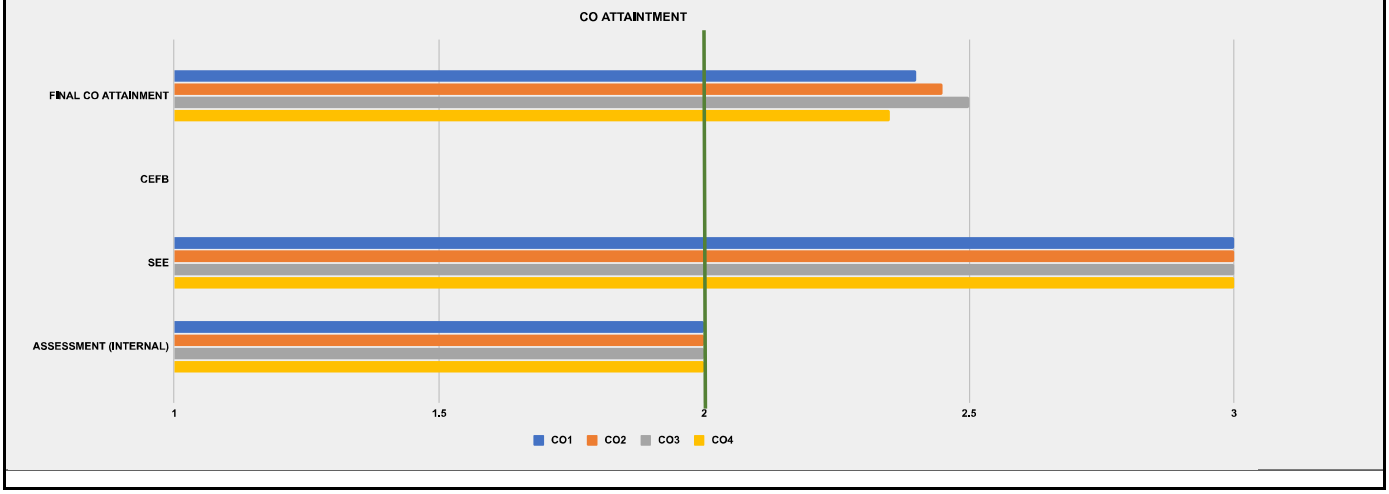
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	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 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



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2.55	
CO2	Develop an intuitive understanding of grid floor and floor slabs and transfer of load in the system	2.40	Medium of teaching should be more interactive and practical for better clarity of the course application
CO3	Understand the behavior of typical members in an RCC structural elements with emphasis on making structural drawings and good structural planning.	2.30	More case examples should be discussed for better understanding of the application of the structural systems
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	**2.45**	**PO6 Attainment**	**2.70**
PO3 Attainment	**2.48**	**PO7 Attainment**	**2.50**
PO4 Attainment	**2.49**	**PO8 Attainment**	**2.56**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Bharghav, Neeraj
FACULTY INCHARGE	Bharghav
TOTAL MARKS	100

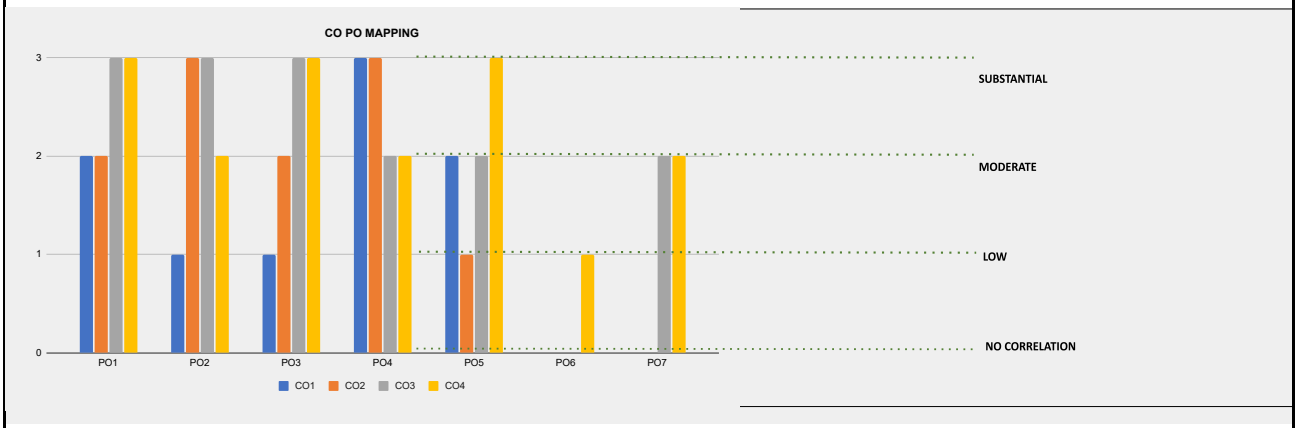
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Introduction to concrete as a structural material, its inherent properties, advantages, shortcomings and its relevance to architecture	L2 - Understand (Explain ideas or concepts)
CO2	Develop an intuitive understanding of grid floor and floor slabs 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	32
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35

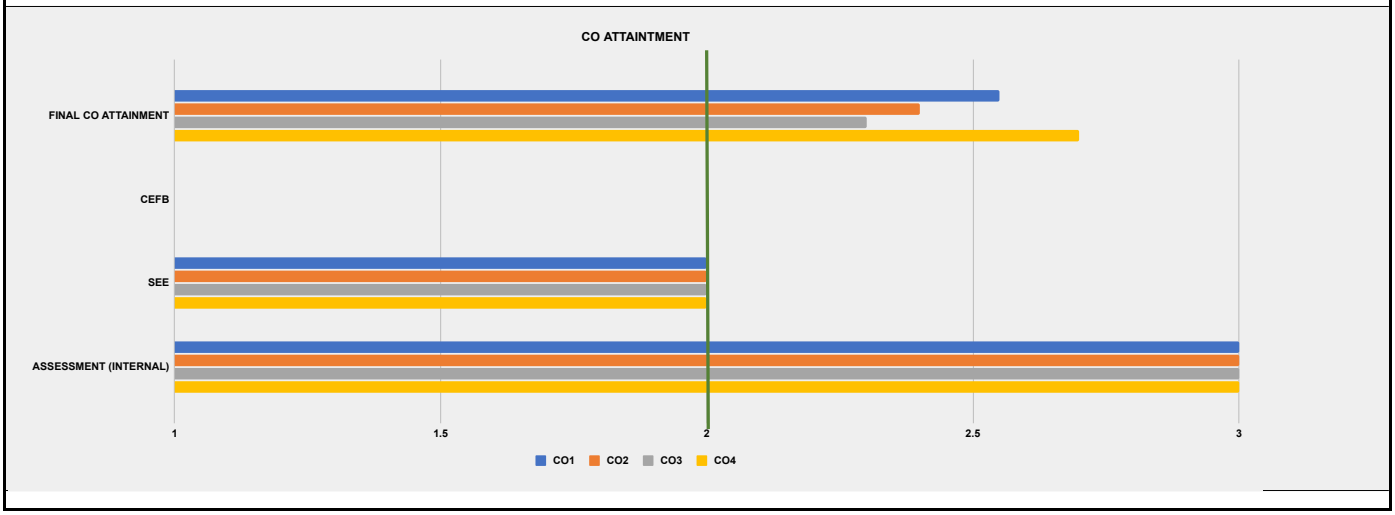
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	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	
CO2	3	2	-	2.40	2.5	No	Medium of teaching should be more interactive and practical for better clarity of the course application
CO3	3	2	-	2.30	2.5	No	More case examples should be discussed for better understanding of the application of the structural systems
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	-	2.55	2.5	Yes	
CO2	3	2	-	2.40	2.5	No	Medium of teaching should be more interactive and practical for better clarity of the course application More case examples should be discussed for better understanding of the application of the structural systems
CO3	3	2	-	2.30	2.5	No	
CO4	3	2	-	2.70	2.5	Yes	



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	students need to be provided with more case studies
CO2	Students will be provided a critical overview of the processes of urbanization, migration, industrialization	2.60	-
CO3	Students will be introduced to Mumbai's regional planning practice, environment conservation, heritage conservation, and policies for public housing, infrastructure and services.	2.70	-

Course-level PO Attainments

PO1 Attainment	**2.57**	**PO5 Attainment**	**2.58**
PO2 Attainment	**2.50**	**PO6 Attainment**	**2.57**
PO3 Attainment	**2.45**	**PO7 Attainment**	**2.58**
PO4 Attainment	**2.59**	**PO8 Attainment**	**2.60**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

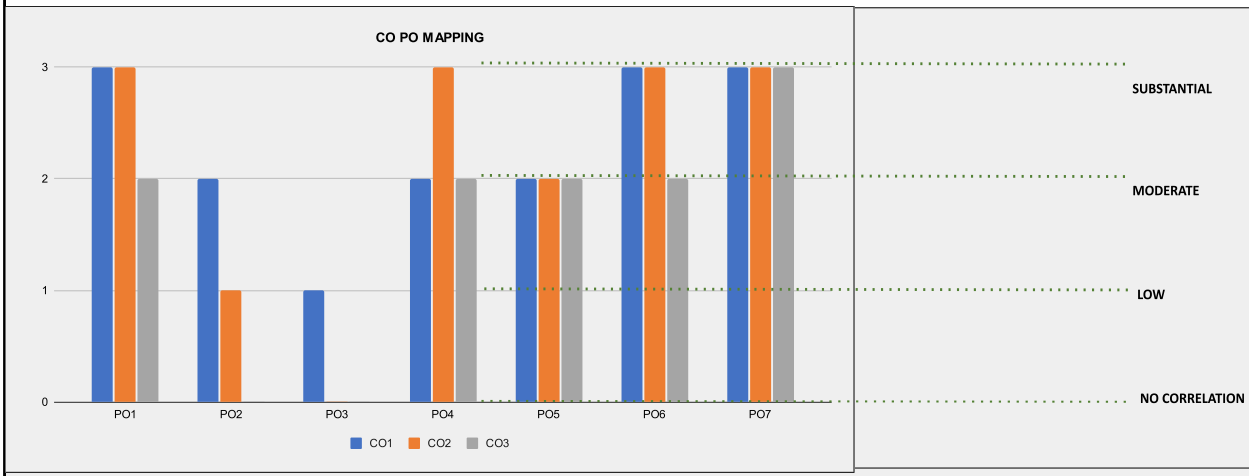
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students will be introduced to Mumbai's growth and transformation through a social-history perspective.	L2 - Understand (Explain ideas or concepts)
CO2	Students will be provided a critical overview of the processes of urbanization, migration, industrialization	L4 - Analyse (Draw connections among ideas)
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	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

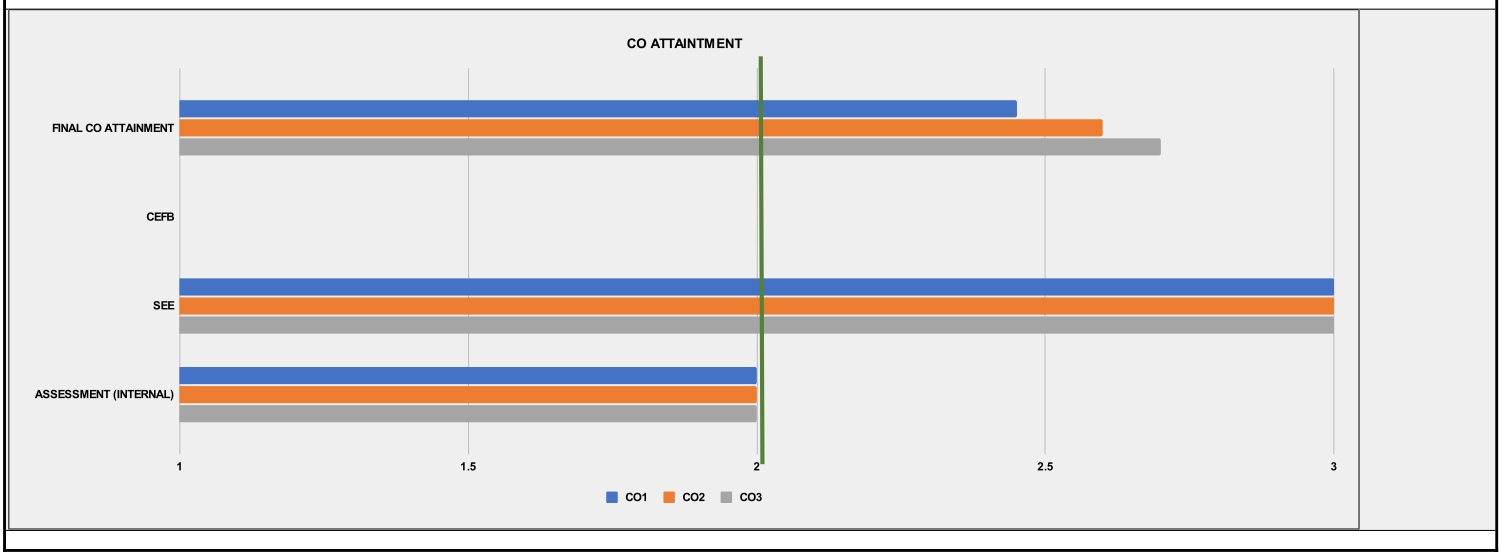
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	31
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	36

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	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	2	3	-	2.45	2.5	No	students need to be provided with more case studies
CO2	2	3	-	2.60	2	Yes	-
CO3	2	3	-	2.70	2.5	Yes	-



PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	To introduce more case studies for better explanation.
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.	2.60	To show students complex case examples with mechanics and working framework.
CO3	To understand the advanced scientific and technical as well as sustainable know-how of water supply systems in high-rises.	2.70	Target achieved as planned.

Course-level PO Attainments

PO1 Attainment	**2.60**	**PO5 Attainment**	**2.58**
PO2 Attainment	**2.53**	**PO6 Attainment**	**2.58**
PO3 Attainment	**2.58**	**PO7 Attainment**	**2.58**
PO4 Attainment	**2.62**	**PO8 Attainment**	**2.58**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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 Y, Kimaya K, Sonali, Jimmy, Durvesh
FACULTY INCHARGE	Minal Y
TOTAL MARKS	100

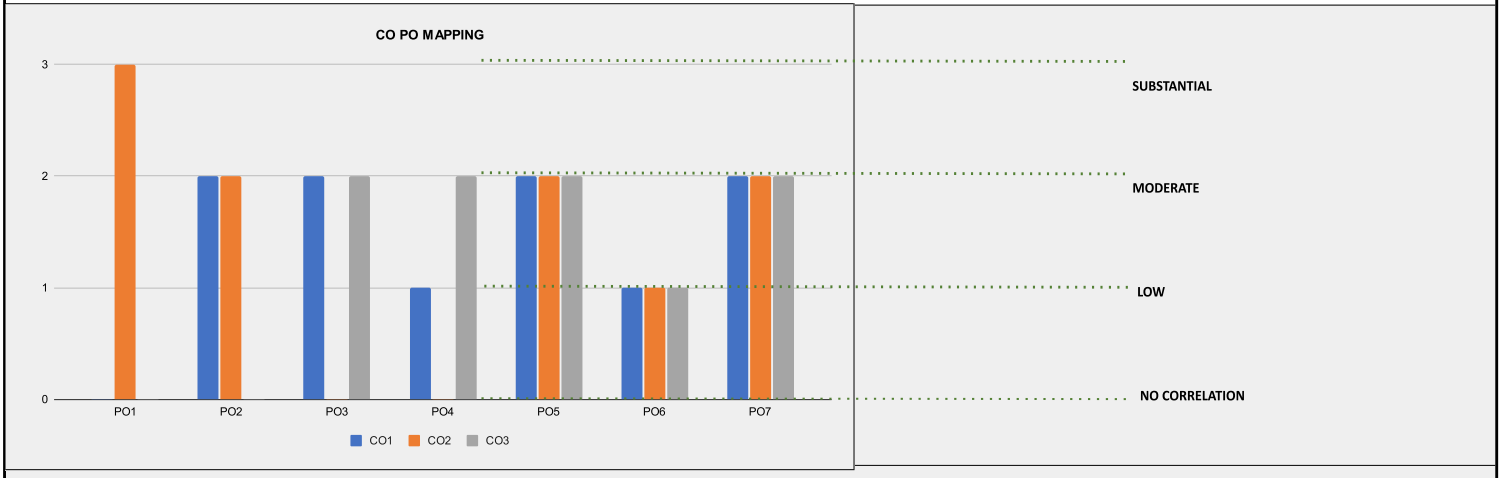
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the components and workability of passive as well as active fire systems within a building.	L2 - Understand (Explain ideas or concepts)
CO2	To make students explore the infrastructural systems integrated in vertical movement and further realize the relevance of mobility in architectural design, using a case study based approach.	L5 - Evaluate (Justify a stand or decision)
CO3	To understand the advanced scientific and technical as well as sustainable know-how of water supply systems in high-rises.	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	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 outcomes align moderately with program outcomes.								

CORRELATION LEVELS FOR POS

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



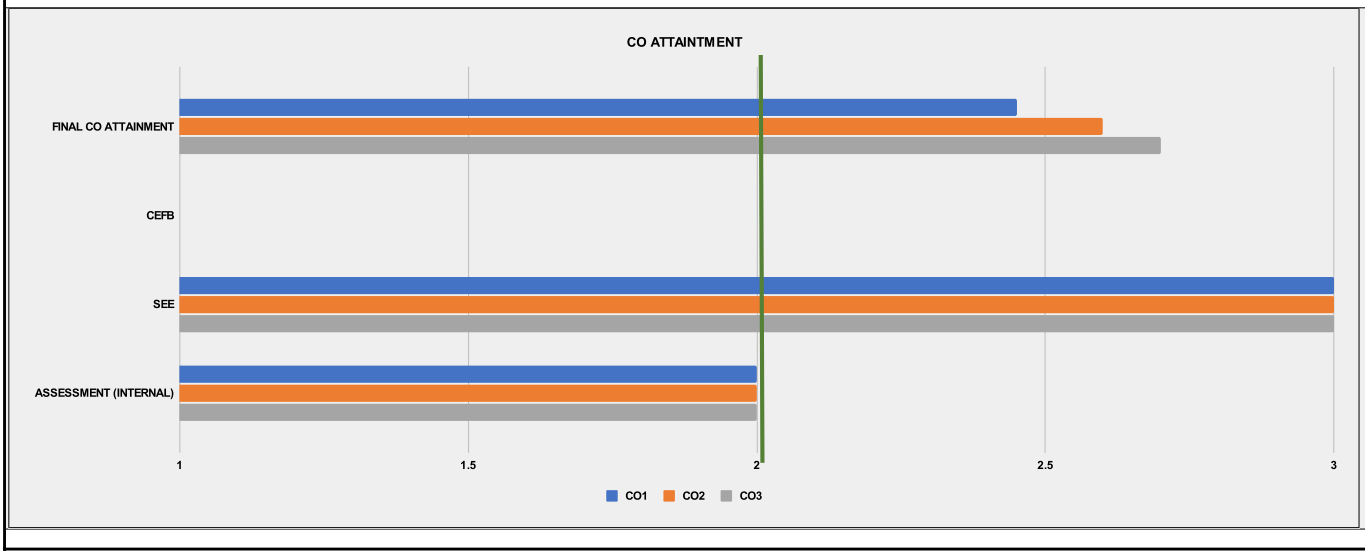
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
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	2	3	-	2.45	2.5	No	To introduce more case studies for better explanation.
CO2	2	3	-	2.60	2.5	Yes	To show students complex case examples with mechanics and working framework.
CO3	2	3	-	2.70	2.5	Yes	Target achieved as planned.



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PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.35	More resolution time to be given in studio
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.	2.35	More Case study list to be given to students for reference
CO3	To be able to understand material behavioral properties and be able to take informed design decisions based on theoretical knowledge learnt	2.35	Target Achieved
CO4	To be able to create a detailed portfolio showcasing all design attributes and detailing for execution purposes	2.35	Good Drawings

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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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Jimmy, Ainsley, Durvesh, Avneesh, Mihir, Dnyanesh, Nemish, Sandhya
FACULTY INCHARGE	Jimmy
TOTAL MARKS	200

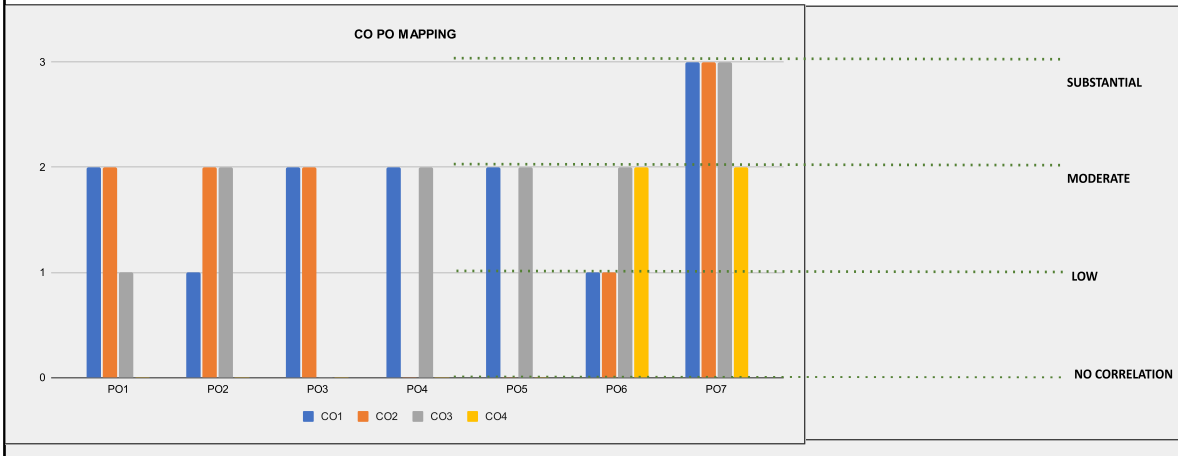
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Students are enabled to develop and resolve without compromising their design ideas to match the program requirements and operations.	L2 - Understand (Explain ideas or concepts)
CO2	Students are enabled to choose the correct system from the wide 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	L4 - Analyse (Draw connections among ideas)
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 resolution studio of their design project of previous year. It deals with integration of various systems coming together to provide holistic resolution. The course moderately co-relates with PO.								

CORRELATION LEVELS FOR POS

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



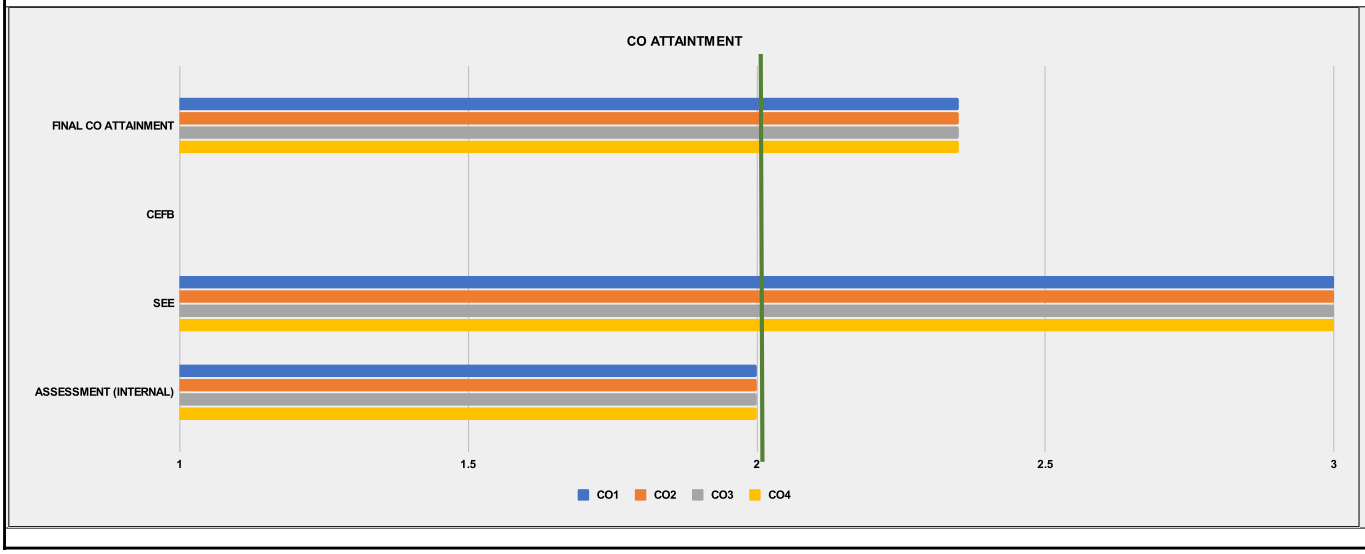
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
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	65	65	65	65		ALWAYS ENSURE THE TOTAL IS 100 %
SEE	35	35	35	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	2	3	-	2.35	2.5	No	More resolution time to be given in studio
CO2	2	3	-	2.35	2.5	No	More Case study list to be given to students for reference
CO3	2	3	-	2.35	2	Yes	Target Achieved
CO4	2	3	-	2.35	2	Yes	Good Drawings



PROGRAM	THIRD YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	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	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	The course can be made much more challenging. A written assignnment will help.
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	2019-2020
SEMESTER	SEM 6
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	College Projects 6
COURSE CODE (AS PER MU)	BARP620
FACULTY	Rohan Shivkumar, Shirish Joshi
FACULTY INCHARGE	Rohan Shivkumar
TOTAL MARKS	100

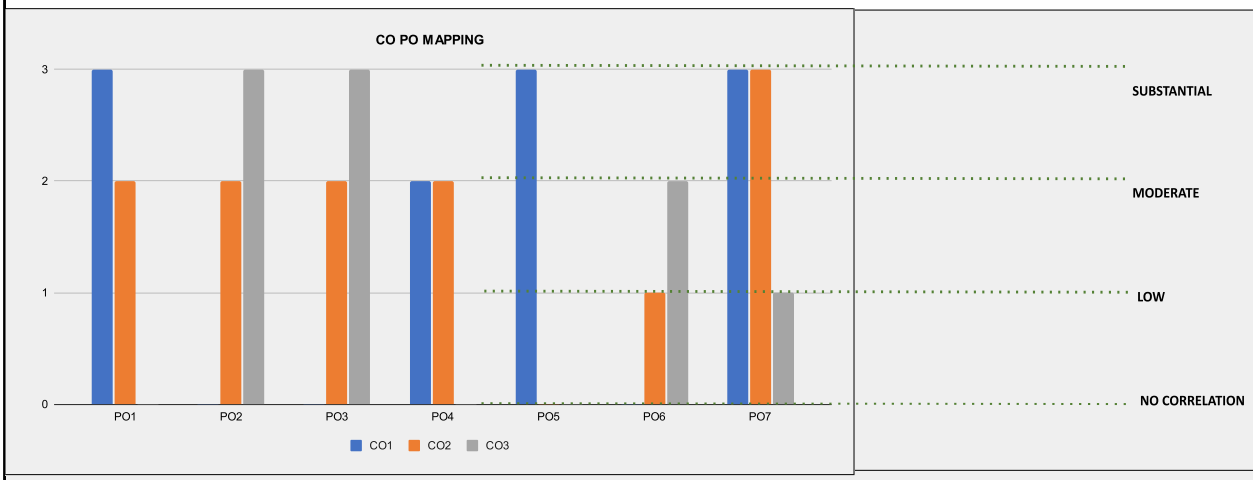
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	derstanding the relationship between spatial, temporal and intellectual contexts and architectural fo	L2 - Understand (Explain ideas or concepts)
CO2	Understanding readings and ideas from twentieth century thought.	L2 - Understand (Explain ideas or concepts)
CO3	Applying critical thinking skills to evolve analytical frameworks to read architecture and other cultural artefacts	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	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
PO AVERAGE	2.50	2.50	2.25	2.00	2.50	1.33	2.25	0.00	
Conclusion and Resolution	Trial text								

CORRELATION LEVELS FOR POS

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



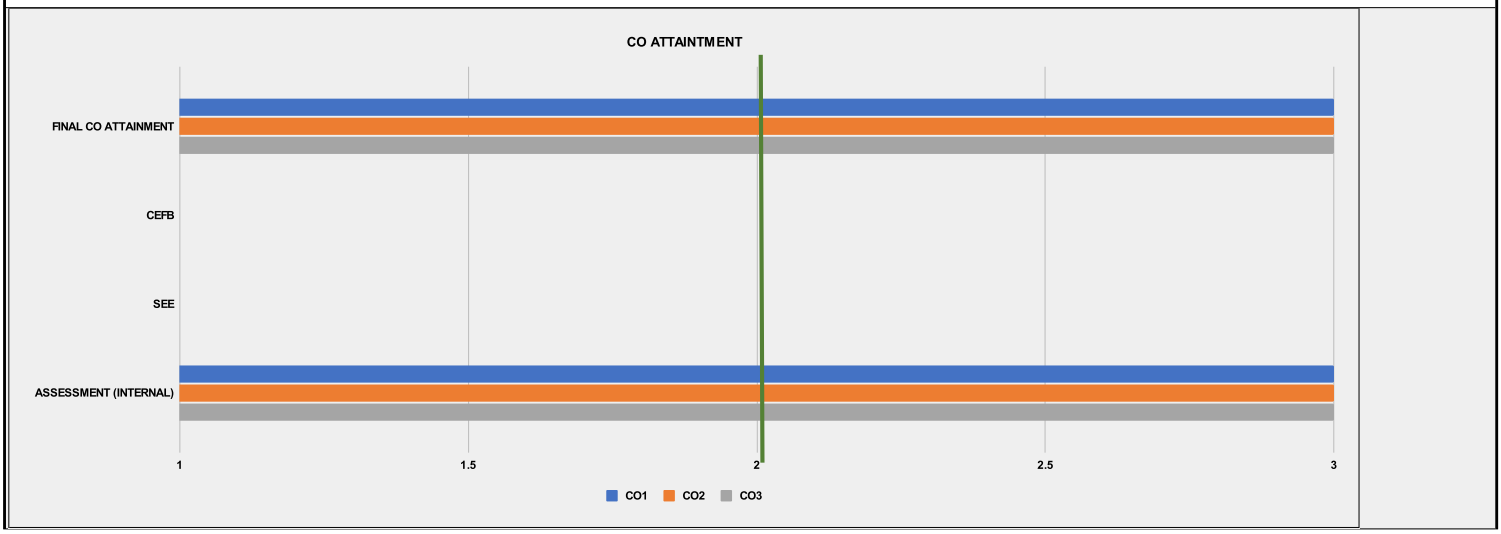
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	The course can be made much more challenging. A written assignnment will help.
CO2	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2.5	Yes	



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Fourth Year

Fourth Year Report

2019-20. 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.	2.45	The urban theory course has been changed to meet his parameter, i. e. to focus on reading, writing and critical thinking.
PO2	To enable students with design skills that are able to navigate the space between the analytical and the intuitive. (Analytical / Intuitive)	2.45	The architectural design studio this year allows for this opportunity, wherein, intuitiveness and analytical thinking go hand-in-hand towards an architectural design proposition at an urban scale.
PO3	To enable students with design skills that are able to navigate the space between the abstract and the concrete. (Abstract / Concrete)	2.44	The allied design studio, architectural representation and detailing, and the building construction studio; all these work hand-in-glove towards comprehensive exercises aimed to bridge the gap between the abstract and the concrete.
PO4	To challenge students to evolve empathy and understanding to cultures outside of their own comfort zones. (Self / Other)	2.46	The architectural design studio, located in an urban context, and involving an understanding of the complexities of the urban context, will help evolve empathy and understanding of the various peoples and cultures within a metropolitan area.
PO5	To instill in students the ability to work within groups without sacrificing their own identity. (Individual / Collective)	2.46	Multiple courses mandate group work - ARD, building construction, allied design, and the initial phase of the architectural design studio. Thus, such extensive group work engagement instills the ability to work within groups without sacrificing individual identity.
PO6	To enable students to discover the relationship between material cultures and socio-economic systems (Technical / Social)	2.46	The allied design and the architectural design studio, with their site-study driven program, inadverently address exposure to and understanding of material cultures and socio-economic systems.
PO7	To enable students to understand questions of architectural form in relationship with the systems it is embedded in and emerges from. (Object / System)	2.45	This parameter is categorically addressed in the architecture design studio and ARD. Questions of the architectural form and the systems within which it is embedded, are de-facto learning outcomes of these two courses.
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).	2.45	The professional practice course is single-mindedly aimed towards understanding the professional skills and role of the architect and the production of the spatial environment we inhabit.

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Semester 7

PROGRAM	FOURTH YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	2019-2020
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, Sonal, Samarth, George
FACULTY INCHARGE	George
TOTAL MARKS	200

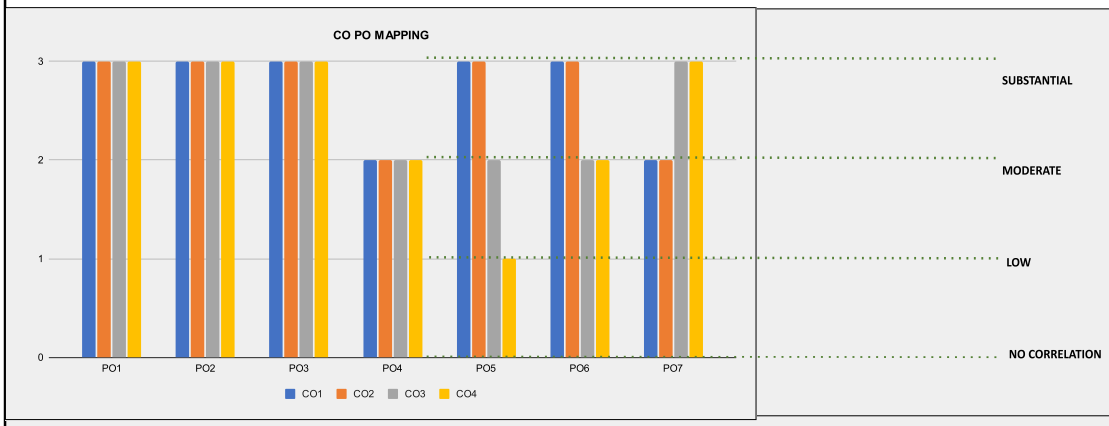
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To expose students to complex urban conditions which act as determinants to their design proposition.	L2 - Understand (Explain ideas or concepts)
CO2	To train students in studying, analyzing, and factoring-in the complexities of the city, which informs design development.	L3 - Apply (Use information in new situations)
CO3	To train students in building a nuanced design proposition for a mixed-use project, with a strong housing component.	L4 - Analyse (Draw connections among ideas)
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	With higher emphasis on the propositional (create component), the studio will aim to close the gaps 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	66
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65

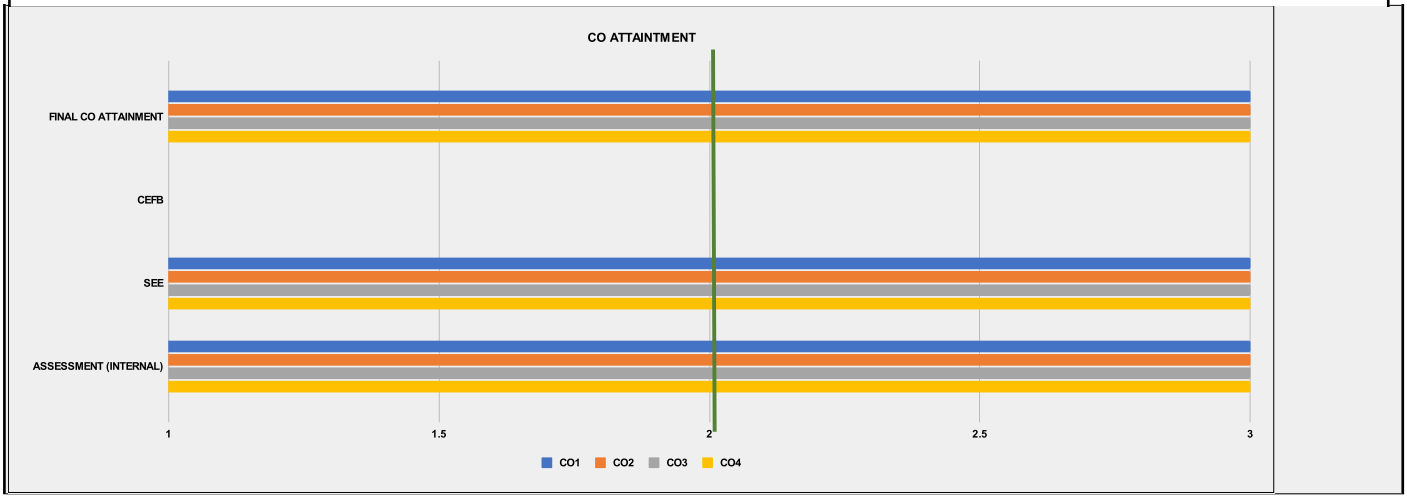
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	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	2019-2020
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	2019-2020
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Allied Design 7
COURSE CODE (AS PER MU)	BARC702
FACULTY	George, Sonal, Shantanu, Manisha, Shirish, Rohit, Kalpit, Sandeep
FACULTY INCHARGE	Shirish
TOTAL MARKS	

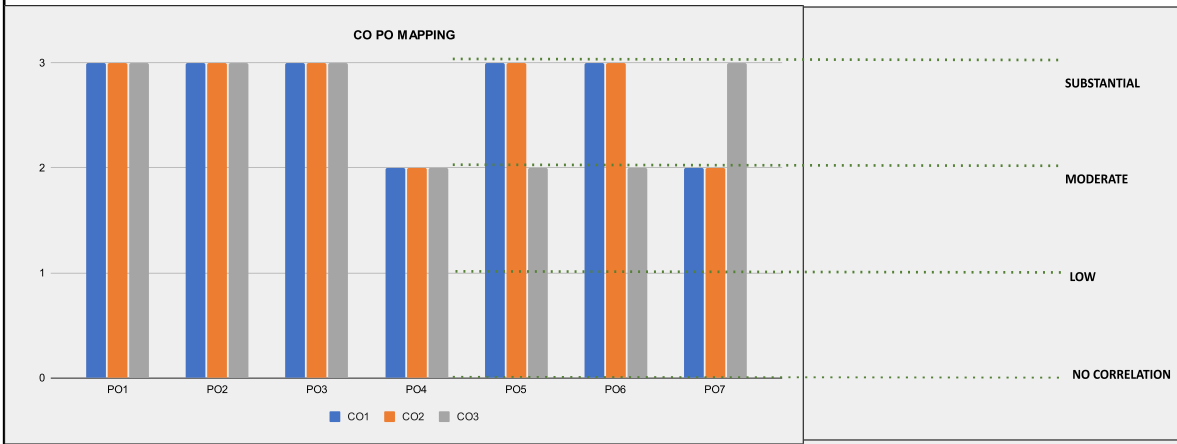
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Conceptual and analytical approaches and tools towards understanding urban systems.	L2 - Understand (Explain ideas or concepts)
CO2	Representation as a critical and analytical tool.	L4 - Analyse (Draw connections among ideas)
CO3	Introduction to 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	60

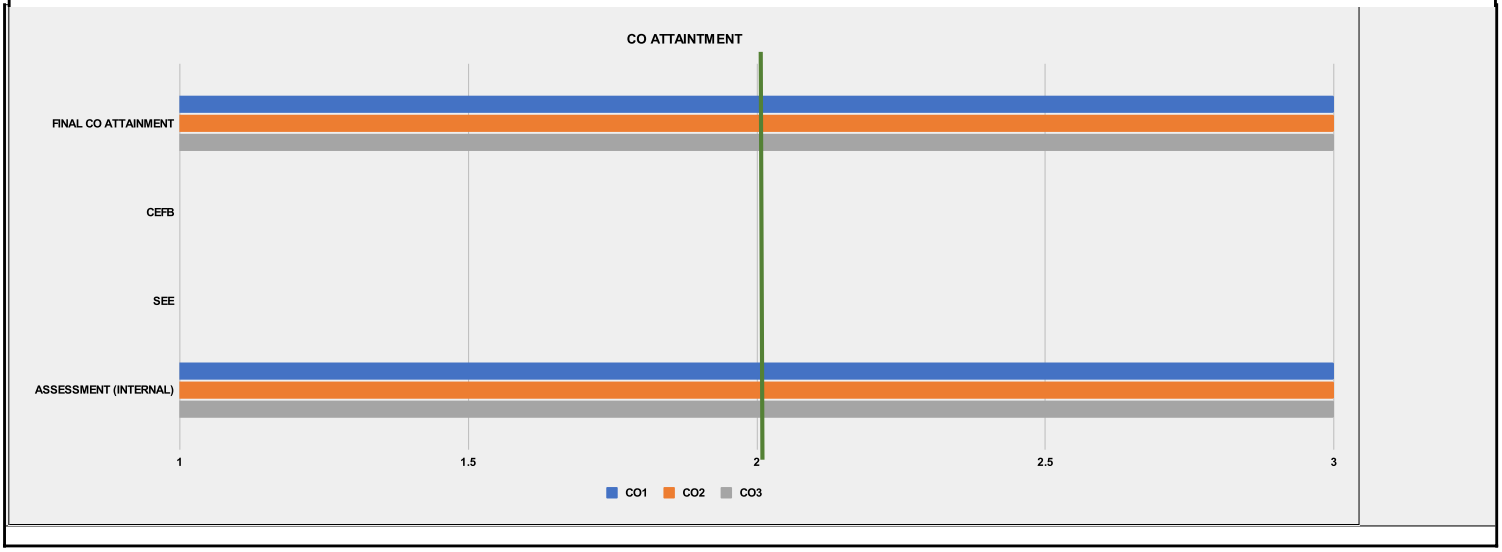
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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 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	2019-2020							
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.	2.55	
CO2	To analyze critical concerns in high rise related to seismic, wind pressures and be able to design in accordance	2.55	
CO3	To evaluate a building in terms of its technological advancements	2.55	Topics can be simplified

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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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Vikram, Raj, Shrey, Devesh, Sandhya
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

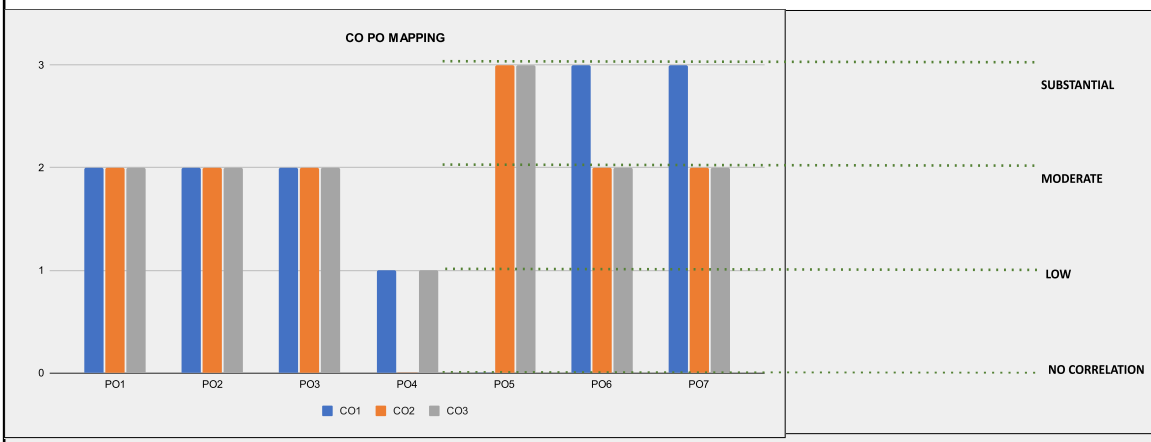
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand concepts of deep foundations, high rises and be able to apply them.	L2 - Understand (Explain ideas or concepts)
CO2	To analyze critical concerns in high rise related to seismic, wind pressures and be able to design in accordance	L4 - 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 plannes, topics 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	28
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

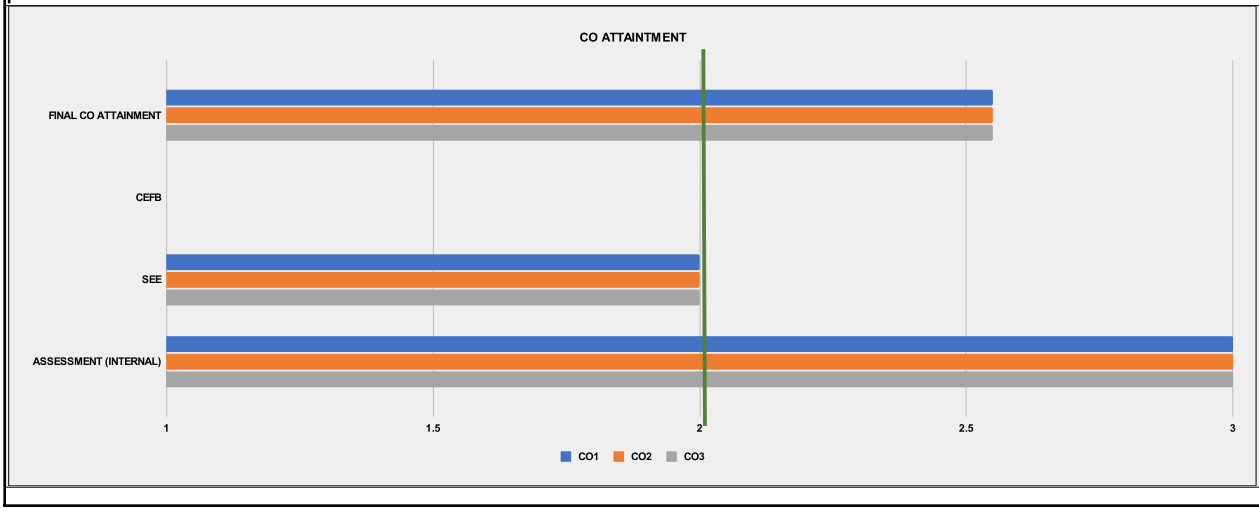
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	40	30	70	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	Yes	Topics can be simplified
CO2	3	2		2.55	2	Yes	Topics can be simplified
CO3	3	2		2.55	2	Yes	Topics can be simplified

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	Topics can be simplified
CO2	3	2		2.55	2	Yes	Topics can be simplified
CO3	3	2		2.55	2	Yes	Topics can be simplified



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PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	
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	3.00	
CO3	Introduction to retaining walls and basement walls and various types of footings used in structural system. Design and analysis through solving simple numerical	3.00	
CO4	Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	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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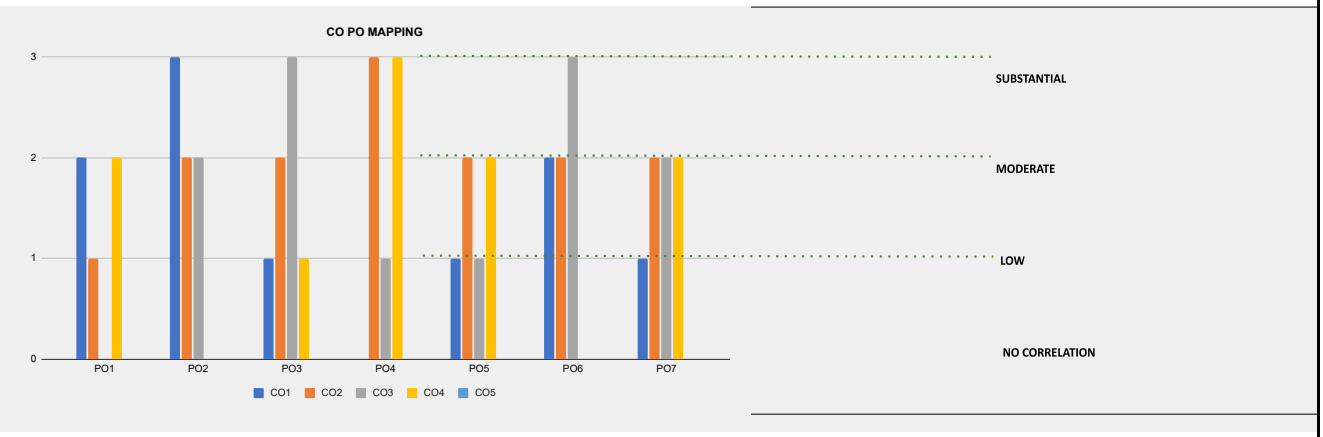
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 7
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 7
COURSE CODE (AS PER MU)	BARC704
FACULTY	Rajitha and Vikram
FACULTY INCHARGE	Vikram
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	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	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
CO5	0	0	0	0	0	0	0	0	0.00
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

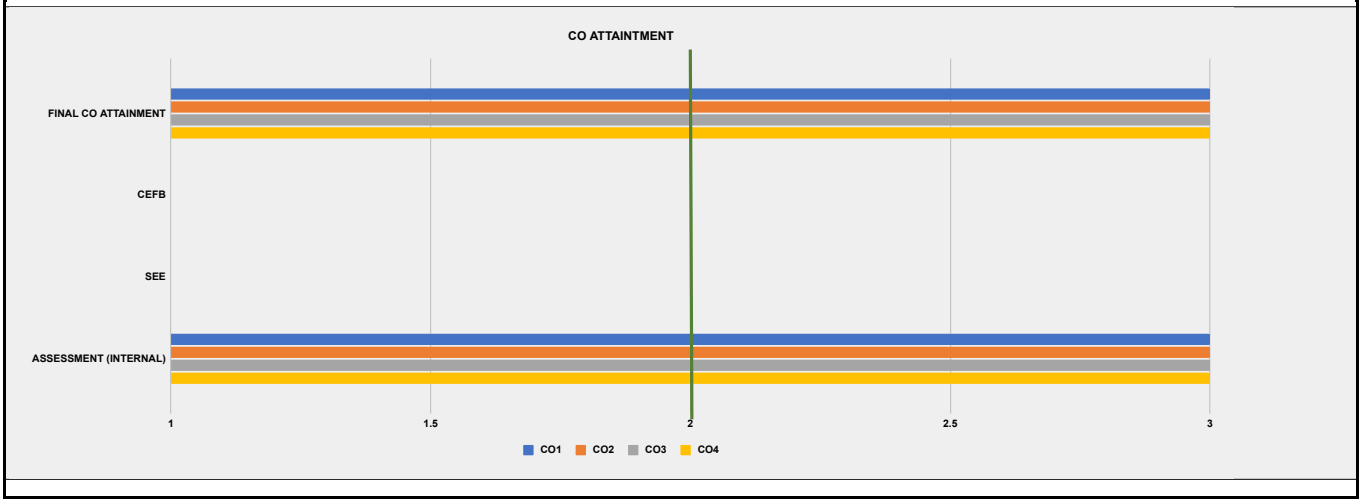


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70

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 N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	-		3.00	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	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2	Yes	
CO4	3	-		3.00	2	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	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	3	-		3.00	2.5	Yes	
CO3	3	-		3.00	2	Yes	
CO4	3	-		3.00	2	Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.85	Target 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	2.85	To explain HVAC with more case applications.
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.	2.85	To introduce field visits to understand complex systems better.

Course-level PO Attainments

PO1 Attainment	**2.85**	**PO5 Attainment**	**2.85**
PO2 Attainment	**2.85**	**PO6 Attainment**	**2.85**
PO3 Attainment	**2.85**	**PO7 Attainment**	**2.85**
PO4 Attainment	**2.85**	**PO8 Attainment**	**2.85**

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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, Kimaya, Durvesh, Sanjana
FACULTY INCHARGE	Minal
TOTAL MARKS	100

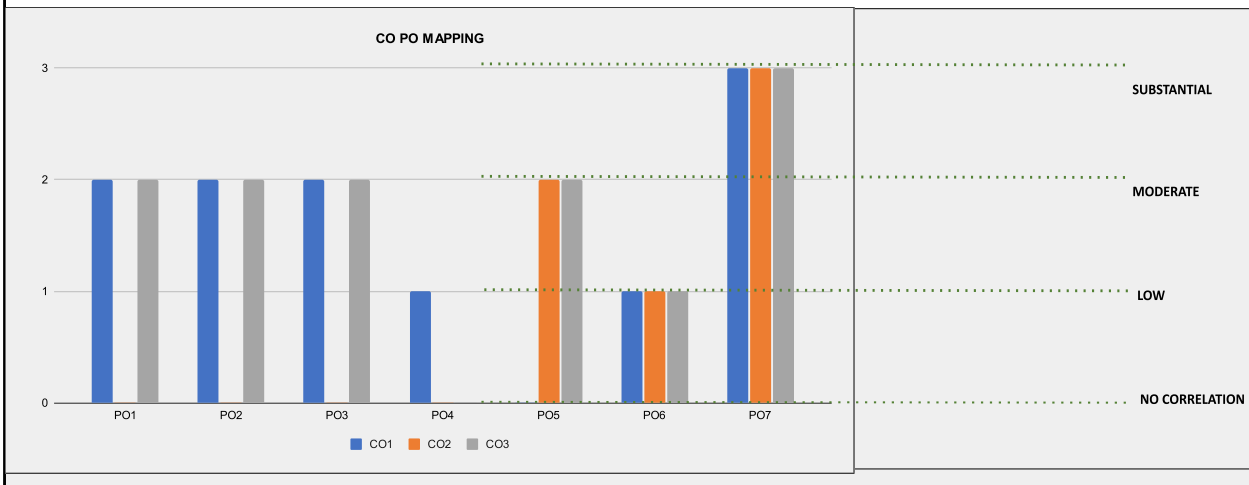
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to understand the importance of thermal comfort and arrive at solutions by applying passive strategies.	L2 - Understand (Explain ideas or concepts)
CO2	To enable students to understand components and workability of various HVAC 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 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

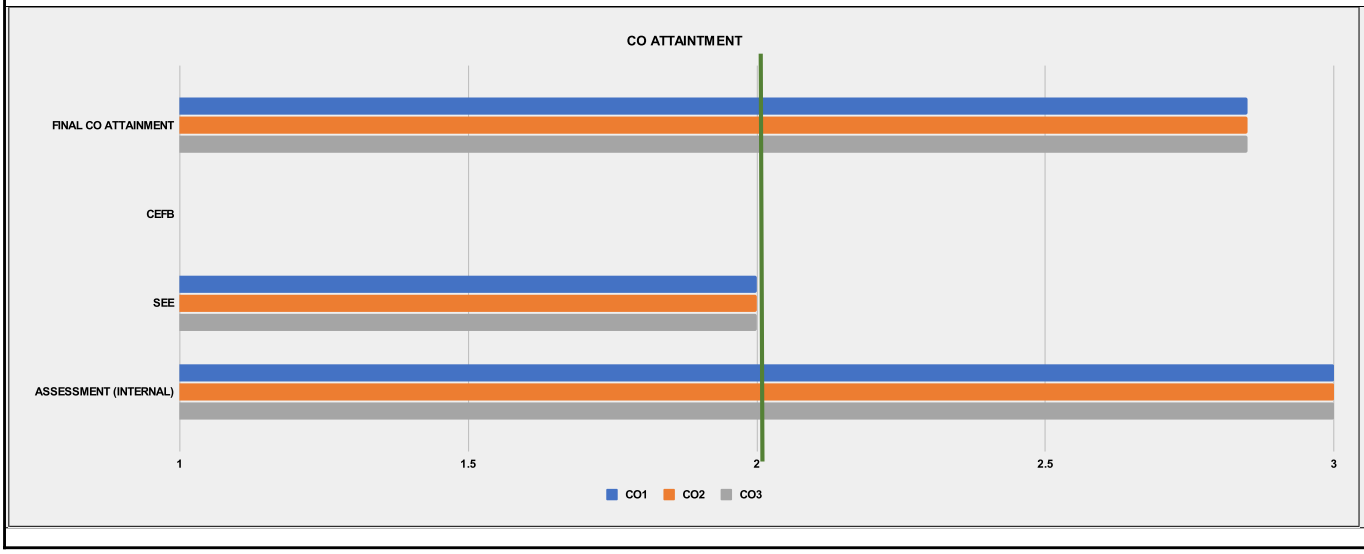
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	30
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	28

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	65	65	65	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	3	2		2.85	2.5	Yes	Target achieved as planned.
CO2	3	2		2.85	2.5	Yes	To explain HVAC with more case applications.
CO3	3	2		2.85	3	No	To introduce field visits to understand complex systems better.



PROGRAM	FOURTH YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	2019-2020
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	Vikram, Raj, Shrey, Devesh, Neeraj, Parth
FACULTY INCHARGE	Vikram
TOTAL MARKS	200

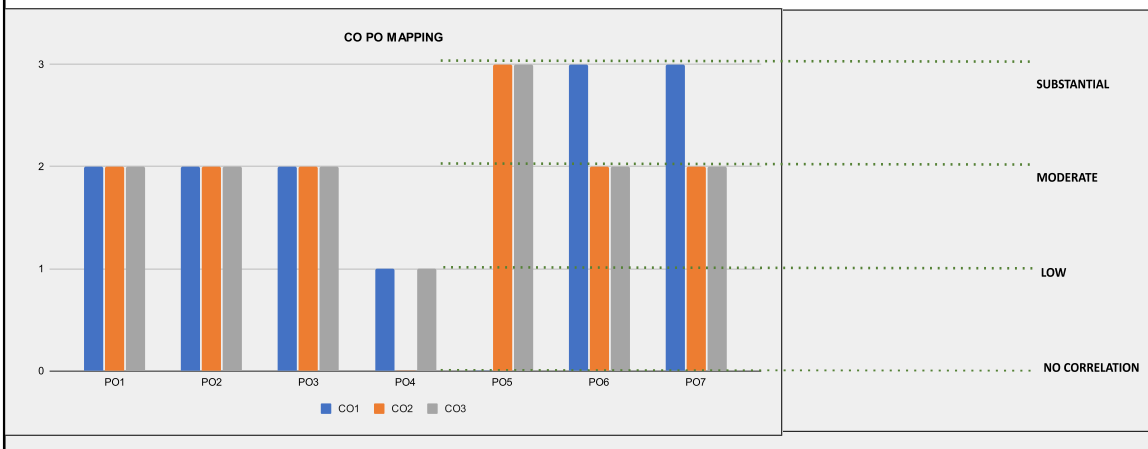
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand bye laws and their application	L2 - Understand (Explain ideas or concepts)
CO2	To analyze critical concerns, loopholes and design in accordance	L4 - Analyse (Draw connections among ideas)
CO3	To create approval drawings in accordance 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	56
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	54

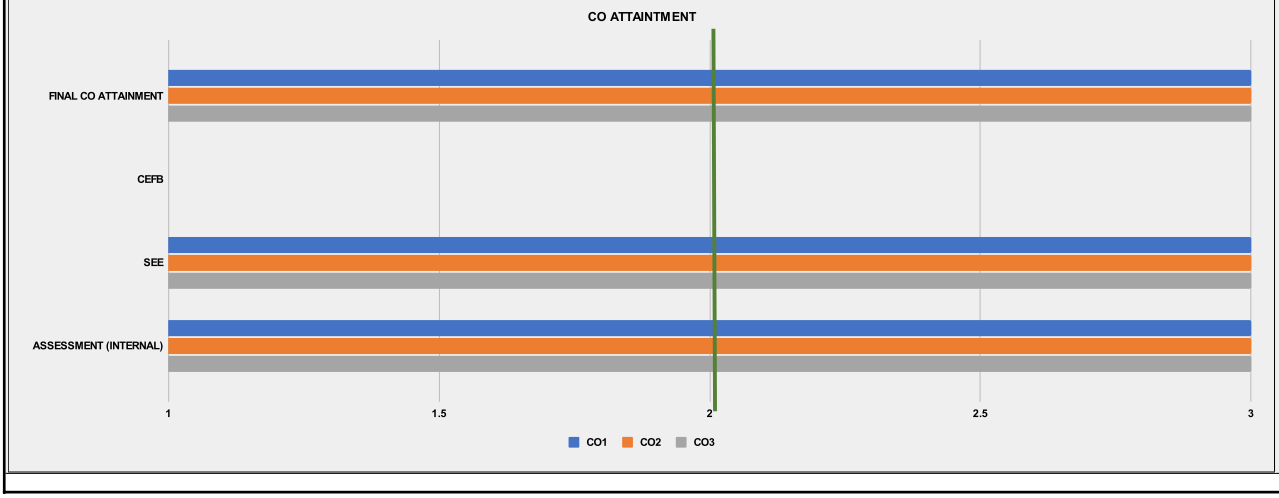
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Preparing students to understand the building of relationships between the legal and technical framework of setting up practice and the actual production of space.	2.45	Need to understand how to situate themselves in the contemporary realm of practice
CO2	Prepare the student to examine and critique the ethical frameworks of practice	2.45	
CO3	To evaluate various forms in which architecture practice can be manifested to contribute to the society at large	2.45	

Course-level PO Attainments

PO1 Attainment	2.45	PO5 Attainment	2.45
PO2 Attainment	2.45	PO6 Attainment	2.45
PO3 Attainment	2.45	PO7 Attainment	2.45
PO4 Attainment	2.45	PO8 Attainment	2.45

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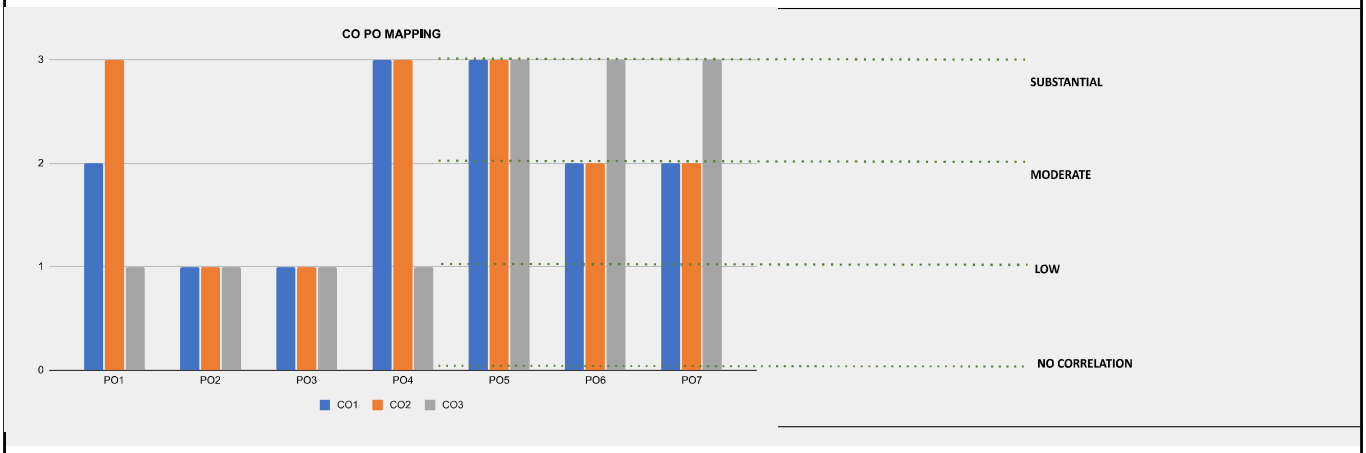
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 7
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 1
COURSE CODE (AS PER MU)	BARC710
FACULTY	Mamta Patwardhan
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	100

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Preparing students to understand the building of relationships between the legal and technical framework of setting up practice and the actual production of space.	L2 - Understand (Explain ideas or concepts)
CO2	Prepare the student to examine and critique the ethical frameworks of practice	L2 - Understand (Explain ideas or concepts)
CO3	To evaluate various forms in which architecture practice can be manifested to contribute to the society at large	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	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
PO AVERAGE	2.00	1.00	1.00	2.33	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 moderately equipped to explore the legal and technical frameworks of modes of contemporary practices and understand the ethical positions taken by them. The extraction of key information from the studies needs to improve								

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

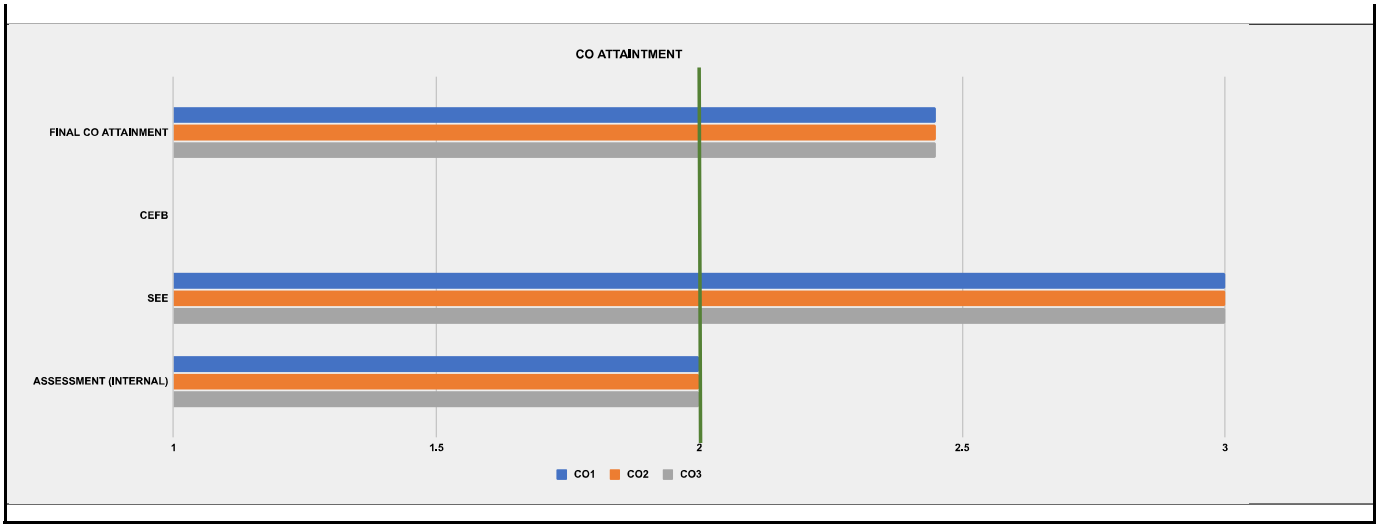


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	27
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	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	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	2	3		2.45		Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	2	3		2.45		Yes	
CO3	2	3		2.45		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		Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	2	3		2.45		Yes	
CO3	2	3		2.45		Yes	



PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	2	2	2	1	1	1	1
CO2	2	1	0	1	0	2	2	2

CO Attainments

CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
CO1	Understanding theoretical resources to comprehend cities	2.00	
CO2	Critique and articulate through writing	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	2019-2020
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

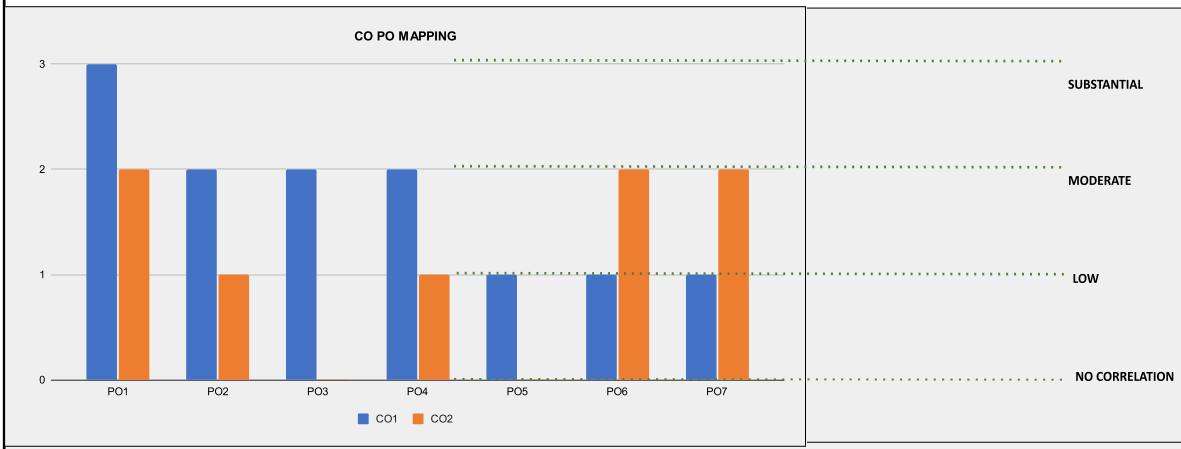
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding theoretical resources to comprehend cities	L3 - Apply (Use information in new situations)
CO2	Critique and articulate through writing	L5 - Evaluate (Justify a stand or decision)

MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	3	2	2	2	1	1	1	1	1.63
CO2	2	1	0	1	0	2	2	2	1.67
PO AVERAGE	2.50	1.50	2.00	1.50	1.00	1.50	1.50	1.50	
Conclusion and Resolution	The students will be able to organise facts and ideas based on individual experiences for ongoing research and for future usage								

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

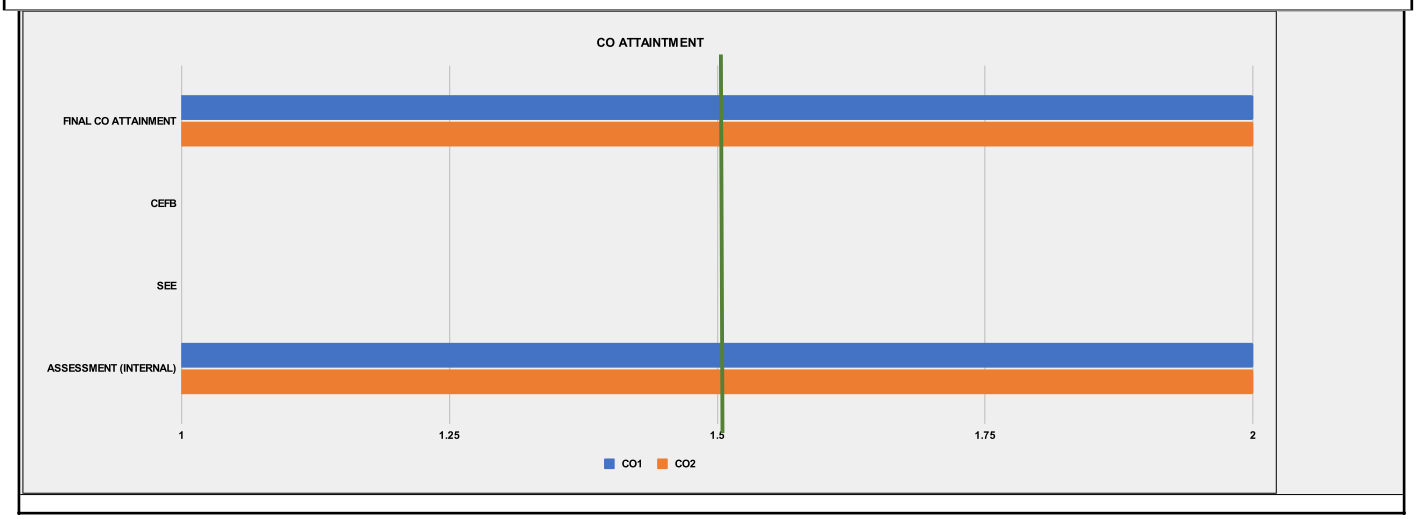
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	55	45	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	

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	2	Yes	



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Semester 8

PROGRAM	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	
CO2	Evaluating internship experiences to develop ideological positions for situating ones future course	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	FOURTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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
FACULTY INCHARGE	Nemish Shah
TOTAL MARKS	200

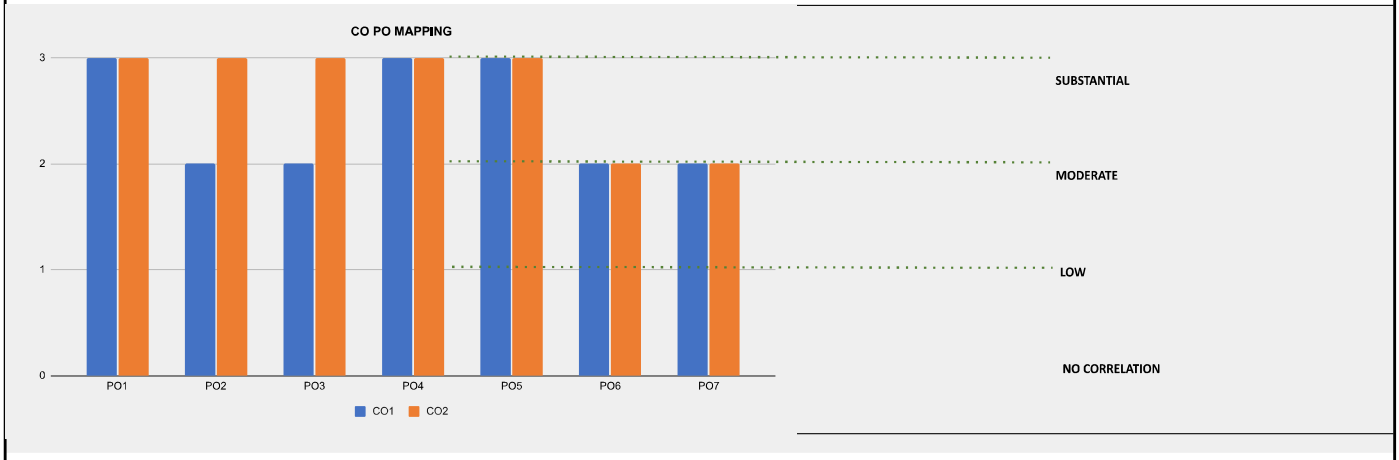
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Understanding legal, technical and ethical frameworks of modes of conducting practices	L2 - Understand (Explain ideas or concepts)
CO2	Evaluating internship experiences to develop ideological positions for situating ones future course	L5 - Evaluate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

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	120
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	120

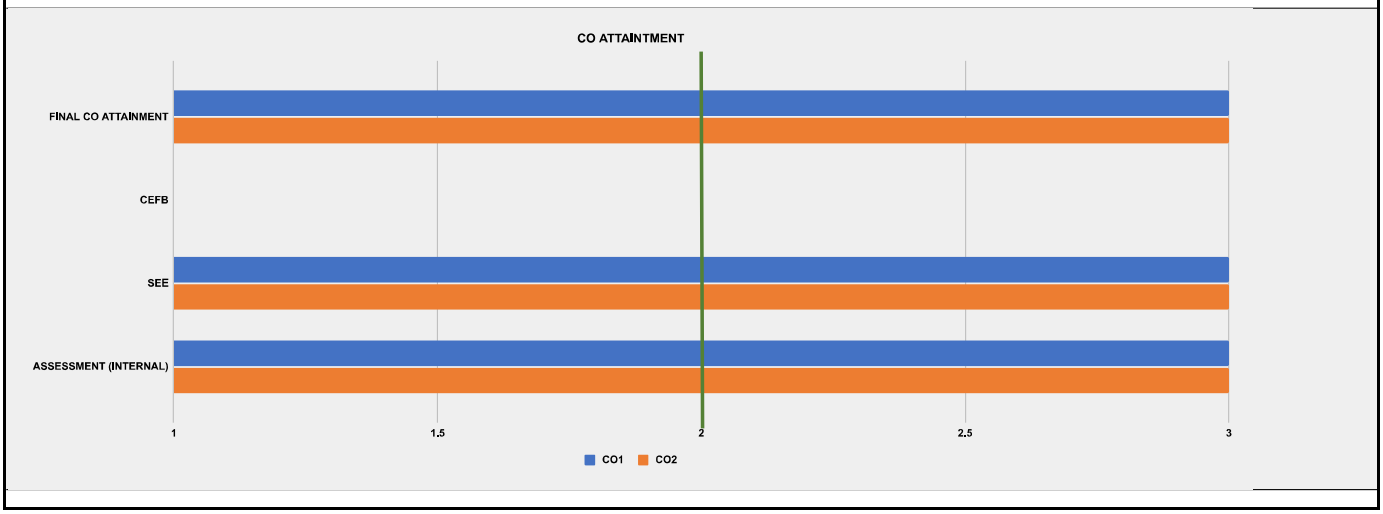
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	3	-	3		Yes	
CO2	3	3	-	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	-	3		Yes	
CO2	3	3	-	3		Yes	



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Fifth Year

Fifth Year Report

2019-20. PO Attainment and Corrective Measures

Vidyanidhi Bhavan II, Vidyanidhi Marg, JVPD Scheme Mumbai-400 049, India
Tel: (91-22) 2670 0918 | 2620 8539 | admin@krvia.ac.in | www.krvia.ac.in

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Semester 9

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	
CO2	Critical thinking to Evaluate and analyse	3.00	
CO3	Application of the knowledge gained / manifestation & representation	3.00	
CO4	Attendance/ participation in discussion	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	2019-2020
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	Supriva + Chhavi: Dick + Rohan: Chayya + Ami: Ashok + Vandana
FACULTY INCHARGE	Ainsley
TOTAL MARKS	200

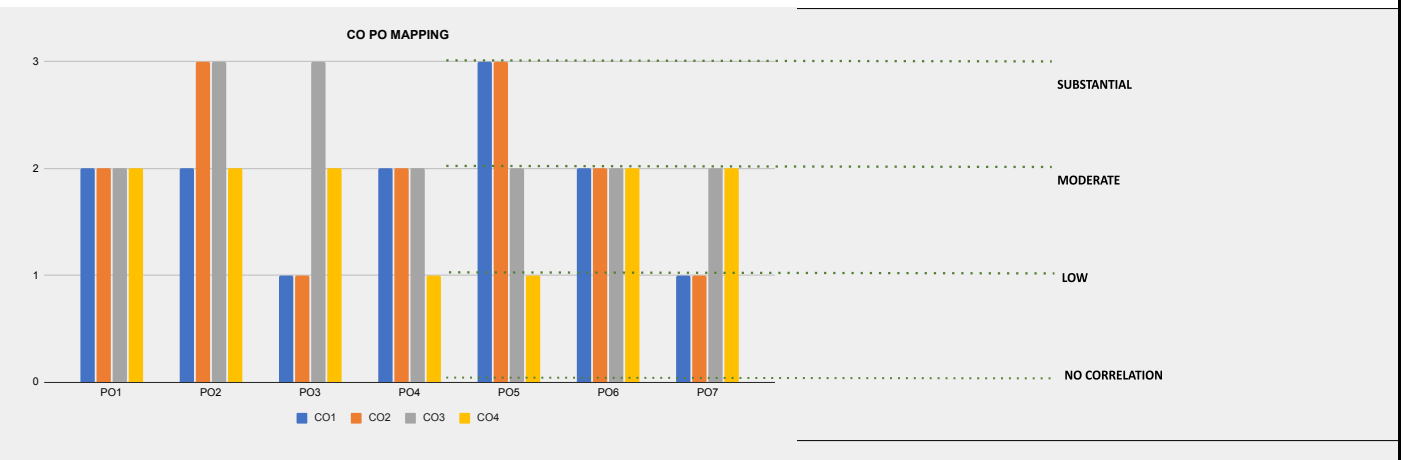
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Choice and Nature of Inquiry/data gathering	L2 - Understand (Explain ideas or concepts)
CO2	Critical thinking to Evaluate and analyse	L4 - Analyse (Draw connections among ideas)
CO3	Application of the knowledge gained / manifestation & representation	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	67

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

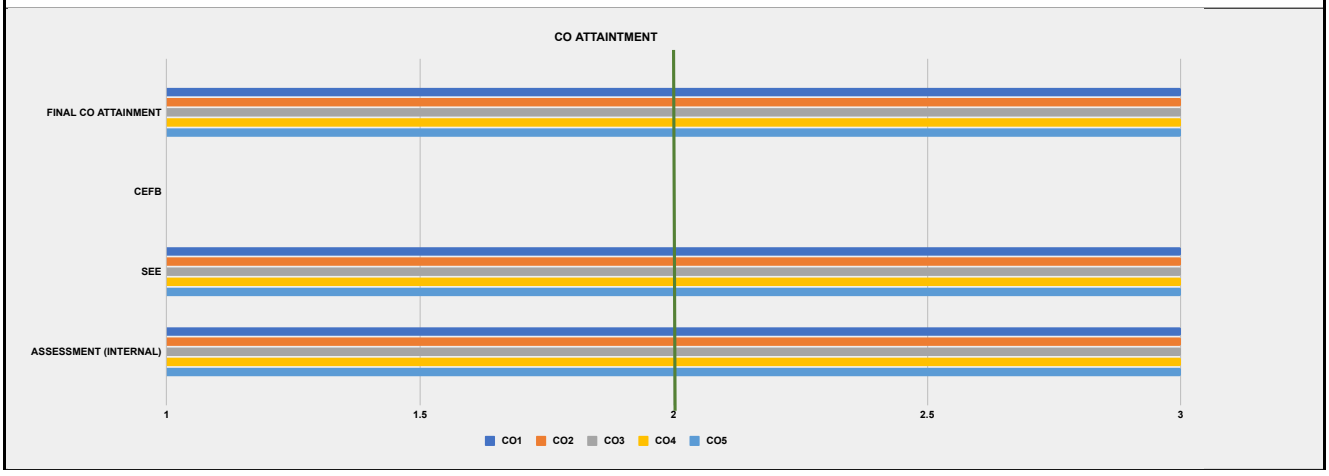
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5
INTERNAL MARKS	55	40	30	70	50
SEE	45	60	70	30	50
DIRECT METHOD	100	100	100	100	100
COURSE EXIT FEEDBACK SURVEY	0	0	0	0	0

WEIGHTAGE CAN BE DECIDED AS PER SUBJECT

ALWAYS ENSURE THE TOTAL IS 100 %

ALWAYS ENSURE THE TOTAL IS 100 %

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



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	
CO2	Reviewing literature and critiquing arguments	3.00	
CO3	Using design as a medium for adaptation strategies	3.00	
CO4	Analyzing, critiquing and articulating arguments	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	2019-2020
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	Shweta, Hussain, Mamta, Ginella, Sarah
FACULTY INCHARGE	Hussain
TOTAL MARKS	100

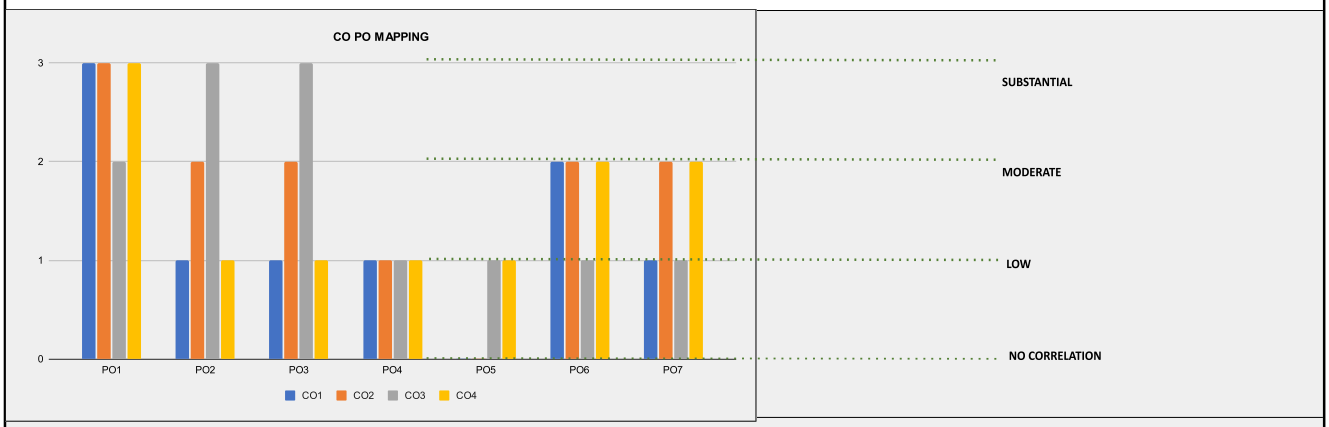
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Developing methods of conducting research	L2 - Understand (Explain ideas or concepts)
CO2	Reviewing literature and critiquing arguments	L4 - Analyse (Draw connections among ideas)
CO3	Using design as a medium for adaptation strategies	L2 - Understand (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 ideas in studying the built environment								

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	31

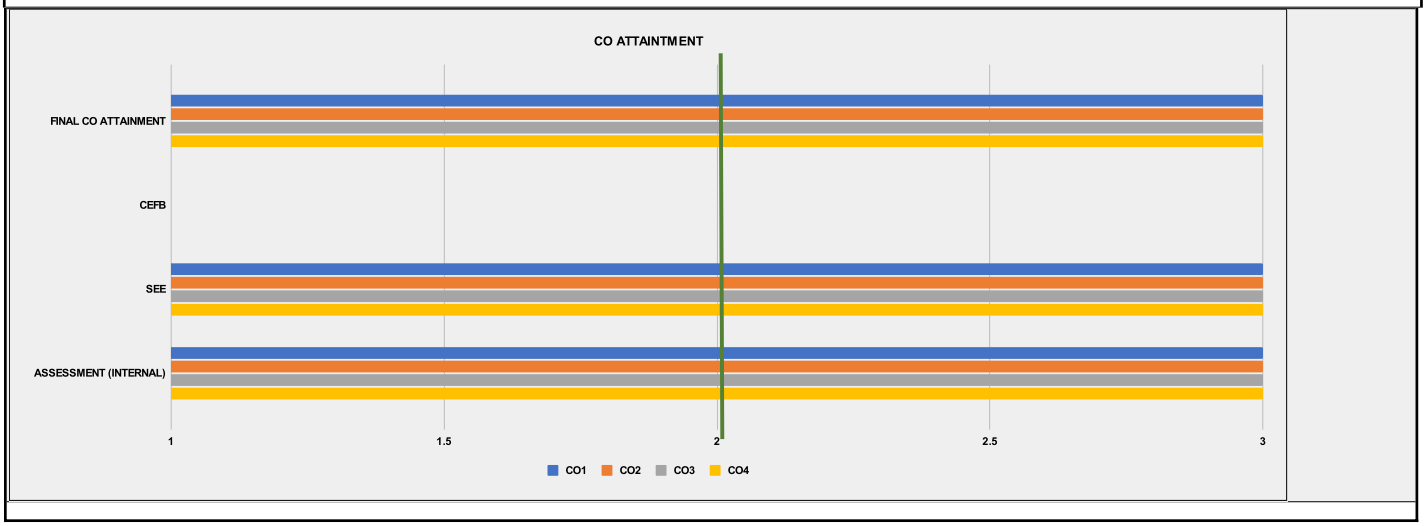
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	3	3		3	2.5	Yes	
CO2	3	3		3	2.5	Yes	
CO3	3	3		3	2.5	Yes	
CO4	3	3		3	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		3	2.5	Yes	
CO2	3	3		3	2.5	Yes	
CO3	3	3		3	2.5	Yes	
CO4	3	3		3	2.5	Yes	



USM's
KAMLA RAHEJA VIDYANIDHI
INSTITUTE FOR ARCHITECTURE
AND ENVIRONMENTAL STUDIES
Affiliated to University of Mumbai

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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

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	Achieved as planned
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	Achieved as planned
CO3	They are able to develop and represent a substantially sound technical proposal.	3.00	Achieved as planned
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	Achieved as planned
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	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**

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

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Construction 8
COURSE CODE (AS PER MU)	BARC903
FACULTY	Jimmy, sandhya, Kumarguru
FACULTY INCHARGE	Jimmy
TOTAL MARKS	100

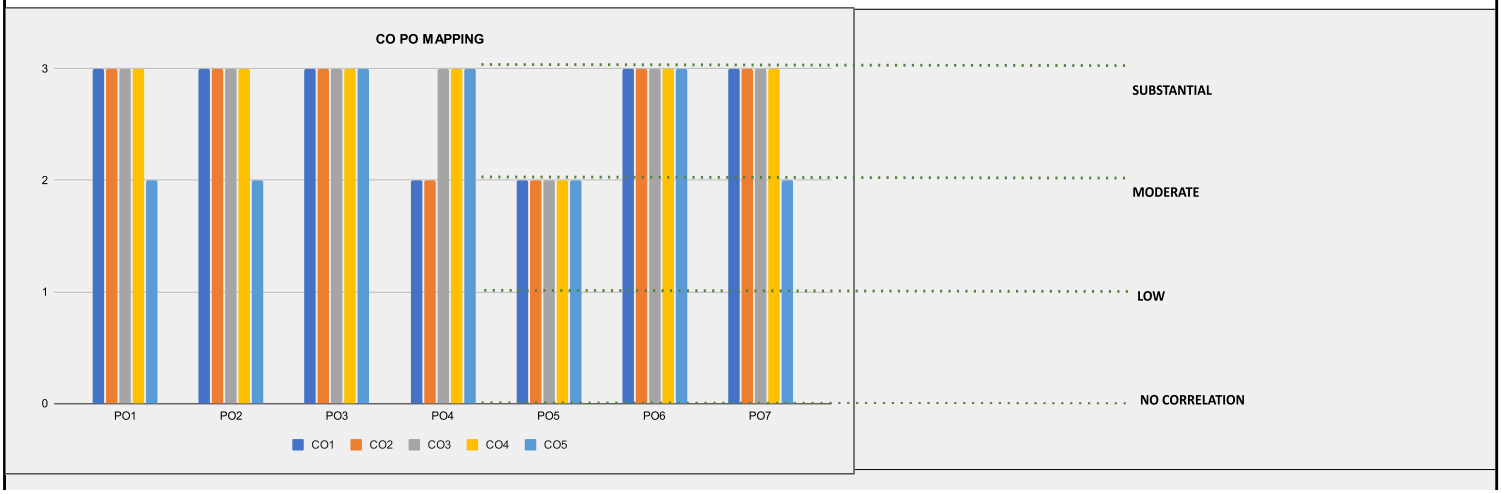
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	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

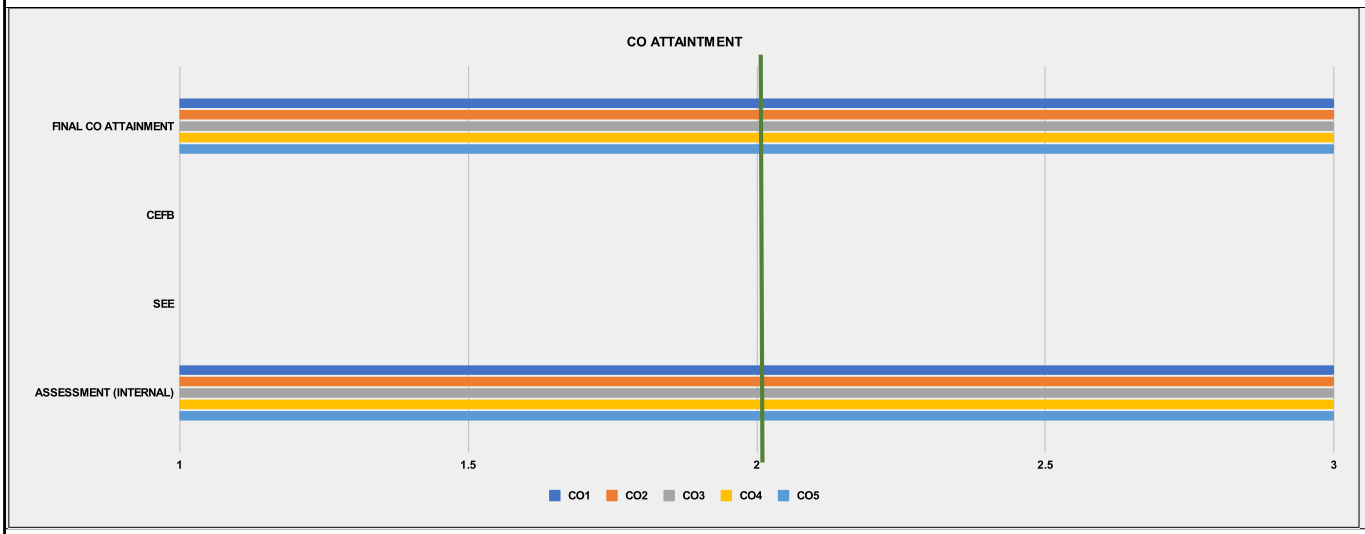
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	Achieved as planned
CO2	3	-		3.00	2.5	Yes	Achieved as planned
CO3	3	-		3.00	2.5	Yes	Achieved as planned
CO4	3	-		3.00	2.5	Yes	Achieved as planned
CO5	3	-		3.00	2.5	Yes	Achieved as planned



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Achieved as planned
CO2	To evaluate advance construction on the basis of structural understanding	3.00	Achieved as planned
CO3	To analyse and apply stresses in complex structures with respect to form and frames	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

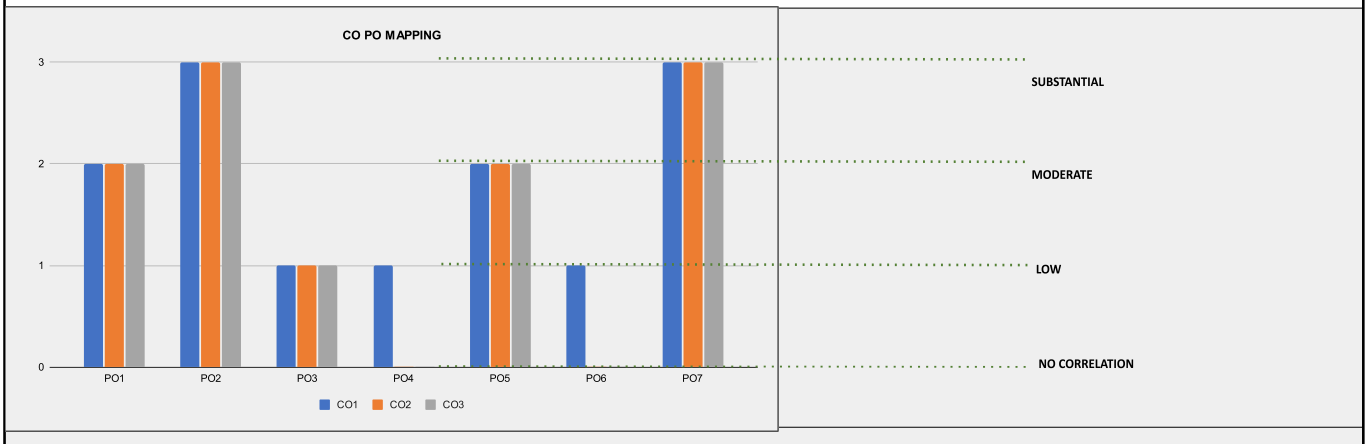
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Theory & Design of Structures 8
COURSE CODE (AS PER MU)	BARC904
FACULTY	Jimmy, Sandhya, Kumarguru
FACULTY INCHARGE	Jimmy
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

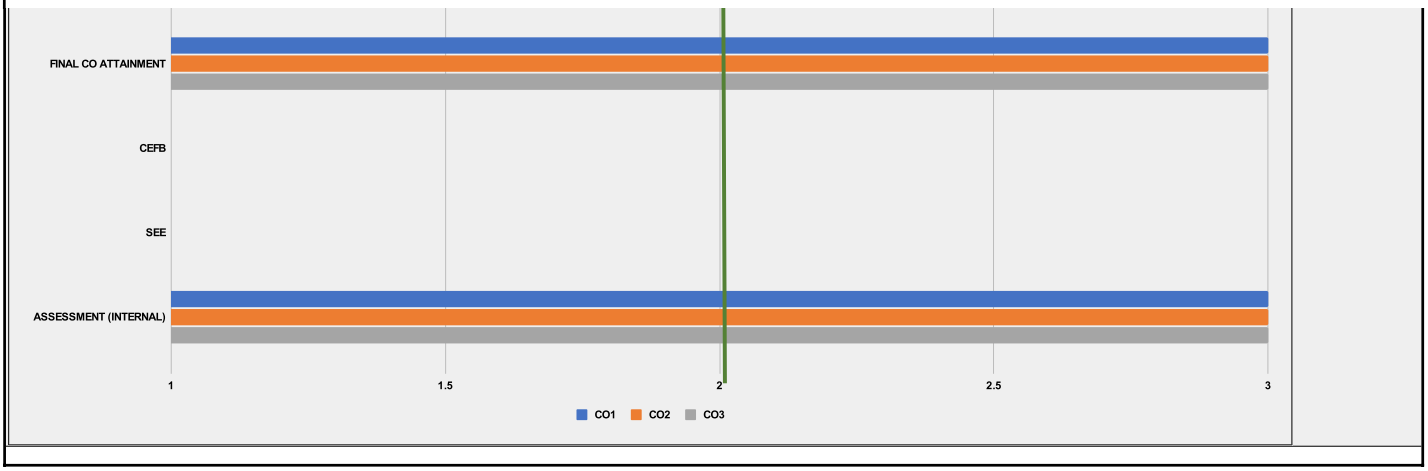


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	33

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	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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2	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	2019-2020
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.	2.00	To increase case studies application for better understanding.
CO2	To explore how the different environmental and services aspects inform design decisions, through vernacular and contemporary case study approaches.	2.00	Target achieved as planned.
CO3	To enable students in understanding inherent integration of complex building services in advanced buildings aesthetically and sustainably.	2.00	To increase case study applications.

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	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Building Services 6
COURSE CODE (AS PER MU)	BARC908
FACULTY	Kimaya K, Minal Y
FACULTY INCHARGE	Minal Y
TOTAL MARKS	50

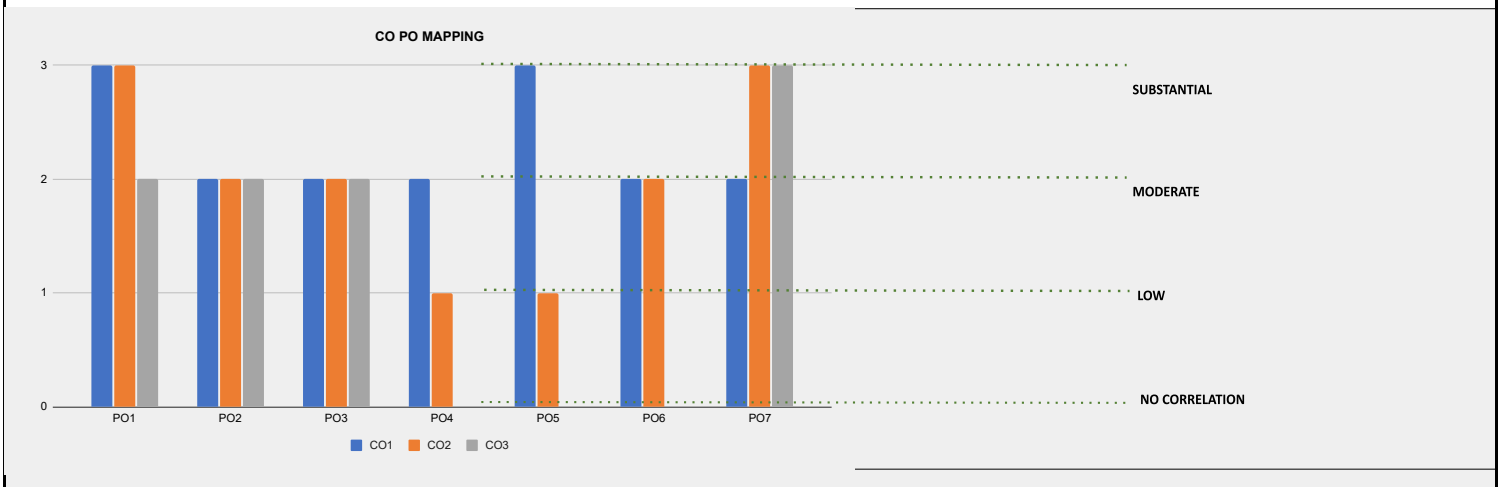
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To enable students to arrive at design solutions that address various environmental issues through use of passive techniques, architecturally as well as at site and neighbourhood level, analytically.	L3 - Apply (Use information in new situations)
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	s to research further on the acquired knowledge till date and apply in their thesis in a sustainable manner. The course outcomes align moderately with program outcor								

CORRELATION LEVELS FOR POS

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



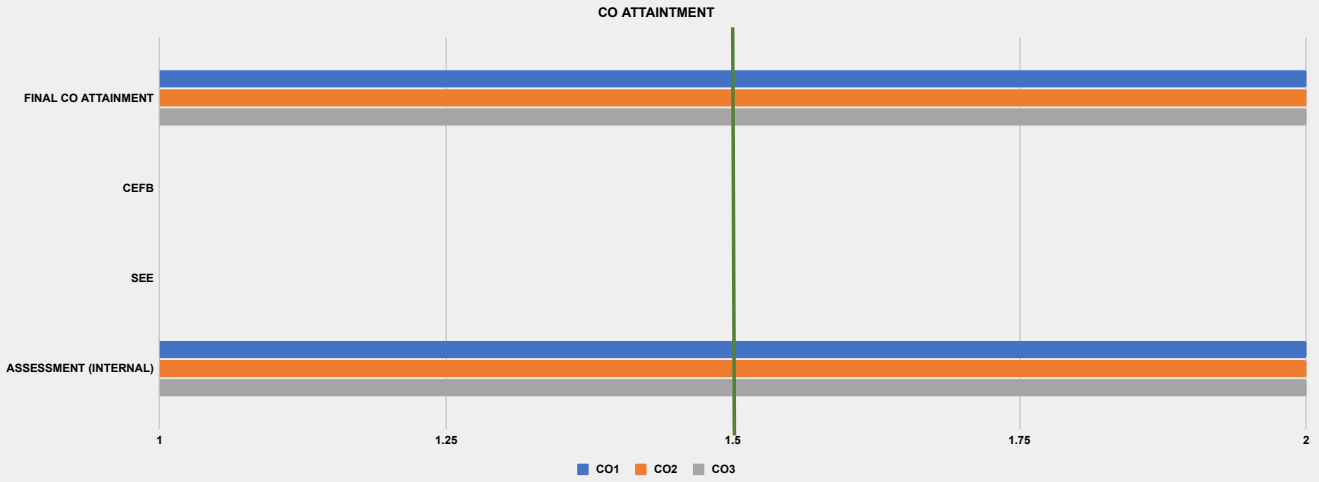
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	38

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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	2.5	No	To increase case studies application for better understanding.
CO2	2	-		2.00	2	Yes	Target achieved as planned.
CO3	2	-		2.00	2	Yes	To increase case study applications.



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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/building assessment studies in a built environment to inform design decisions.	2.00	To explain POE through case studies
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	Target achieved as planned
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	To explain concepts along with case studies
CO4	Be proficient with design and technical ideas of sustainability, net zero energy buildings, dynamic façade systems etc. that address climate adaptation and mitigation strategies.	2.00	To share technical ideas more comprehensively

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	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 4
COURSE CODE (AS PER MU)	BARC906
FACULTY	Kimaya Keluskar , Minal Yerramshetty
FACULTY INCHARGE	Kimaya Keluskar
TOTAL MARKS	100

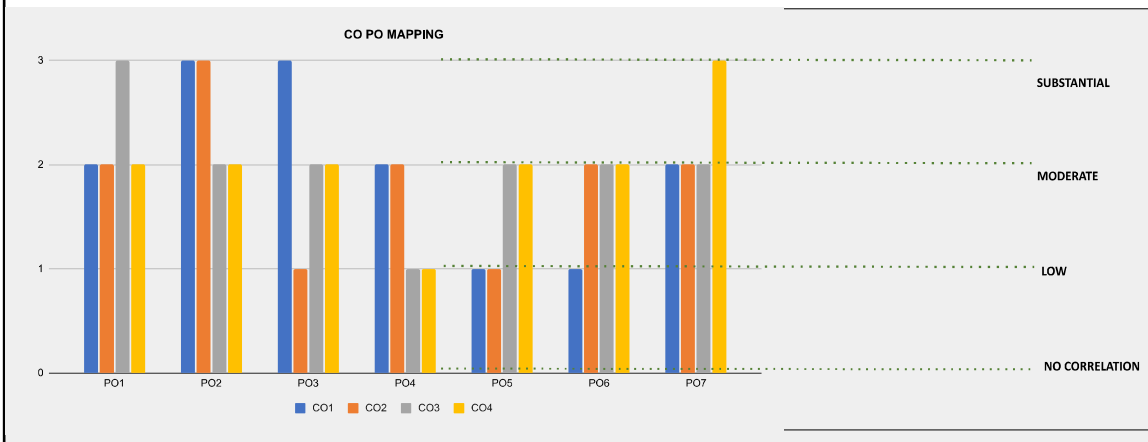
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To develop an understanding to conduct post-occupancy evaluation/building assessment studies in a built environment to inform design decisions.	L2 - Understand (Explain ideas or concepts)
CO2	To learn and derive a process of application using hard 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 design and technical ideas of sustainability, net zero energy buildings, dynamic façade systems etc. that address climate adaptation and mitigation strategies.	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	The course outcomes slightly align 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	70

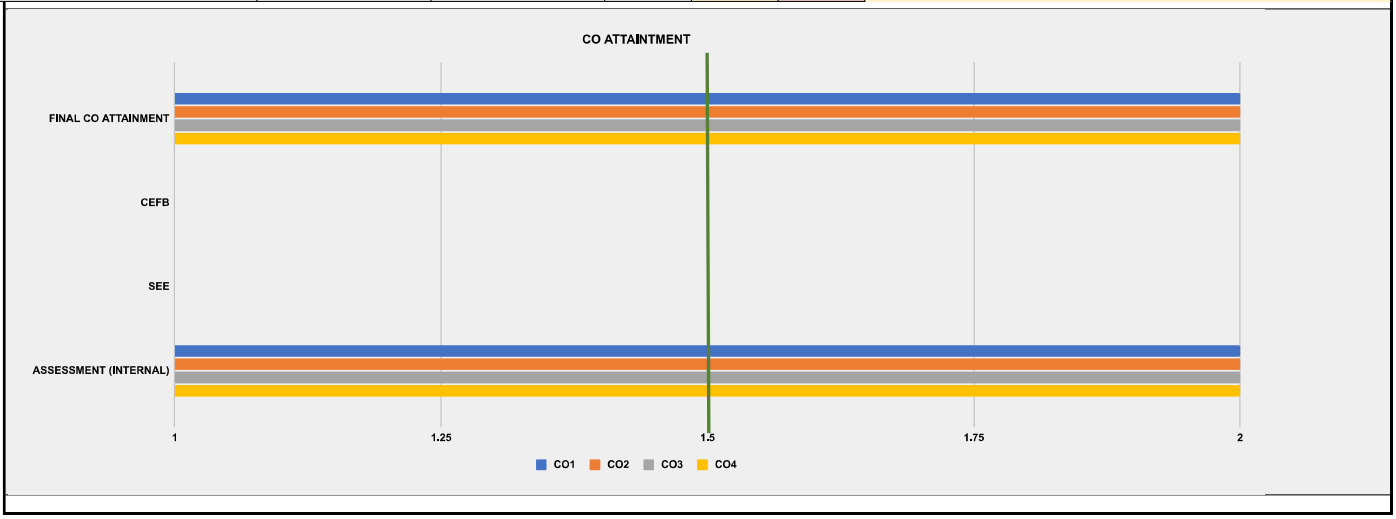
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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 through case studies
CO2	2	-		2.00	2	Yes	Target achieved as planned
CO3	2	-		2.00	2	Yes	To explain concepts along with case studies
CO4	2	-		2.00	2.5	No	To share technical ideas more comprehensively

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 through case studies
CO2	2	-		2.00	2	Yes	Target achieved as planned
CO3	2	-		2.00	2	Yes	To explain concepts along with case studies
CO4	2	-		2.00	2.5	No	To share technical ideas more comprehensively



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	3.00	Need to understand how to situate themselves in the contemporary realm of practice
CO2	To evaluate the legal frameworks related with land and building and their role in developing ideological positions in practice	3.00	
CO3	To understand how individuals/practices have situated themselves within the architectural profession	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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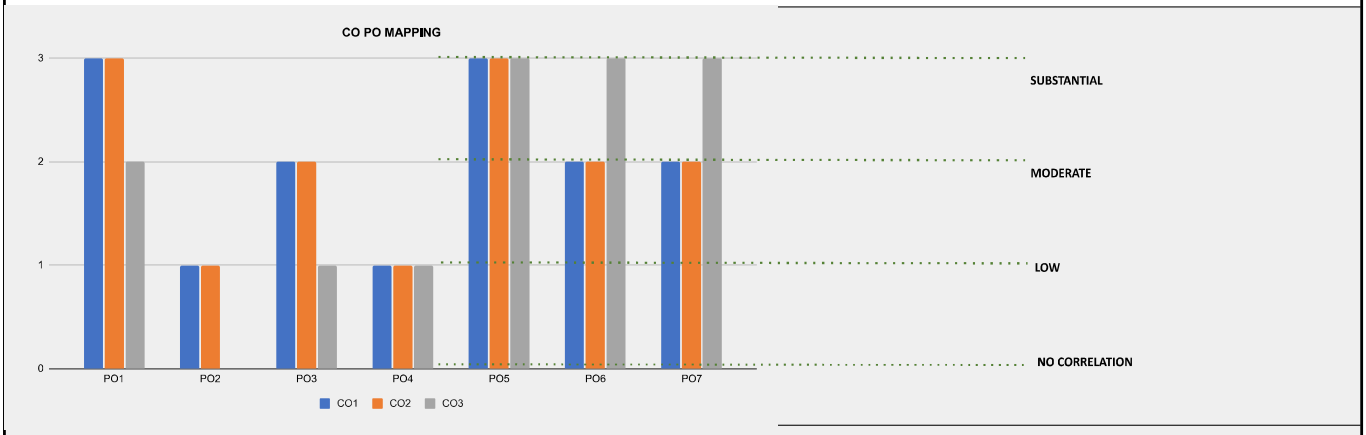
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)
COURSE NAME (AS PER MU)	Professional Practice 2
COURSE CODE (AS PER MU)	BARC910
FACULTY	Mamta Patwardhan, Shantanu Khandkar
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 evaluate the legal frameworks related with land and building and their role in developing ideological positions in practice	L2 - Understand (Explain ideas or concepts)
CO3	To understand how individuals/practices have situated themselves within the architectural profession	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 moderately equipped to explore the legal and technical frameworks of modes of contemporary practices and understand the ethical positions taken by them. The extraction of key information from the studies needs to improve								

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



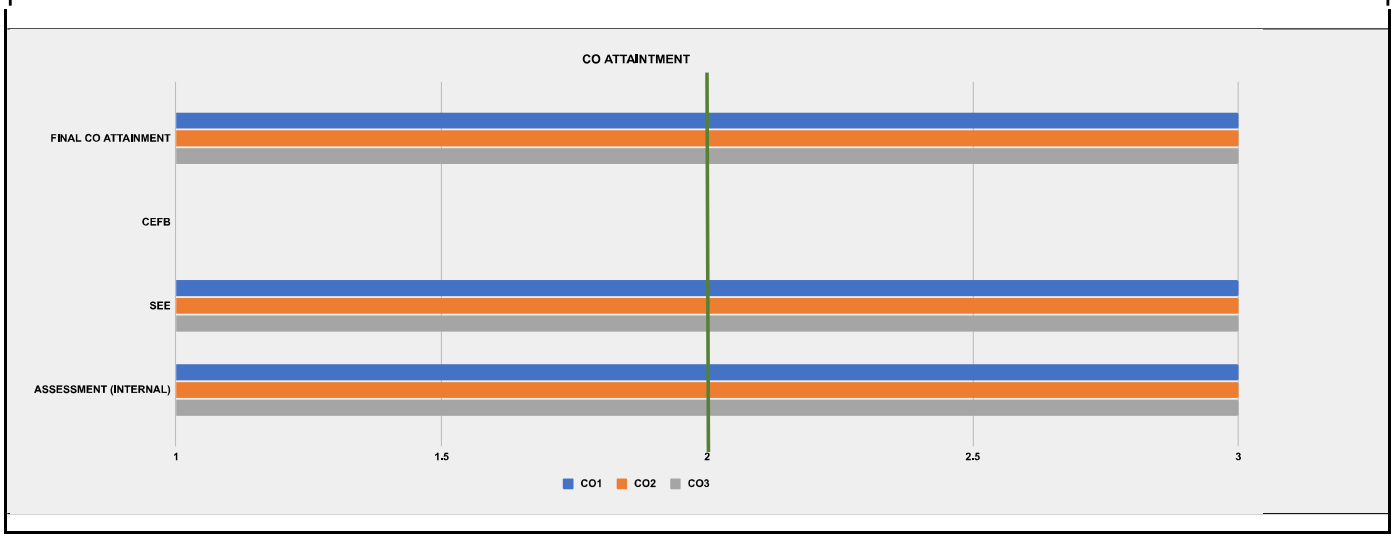
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	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	3		3	3	Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	3		3	3	Yes	
CO3	3	3		3	3	Yes	

COURSE OUTCOME ATTAINMENT LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3	3		3	3	Yes	Need to understand how to situate themselves in the contemporary realm of practice
CO2	3	3		3	3	Yes	
CO3	3	3		3	3	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	
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.	2.50	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		**2.56**		**PO5 Attainment**	**2.45**
PO2 Attainment		**2.54**		**PO6 Attainment**	**2.58**
PO3 Attainment		**2.56**		**PO7 Attainment**	**2.60**
PO4 Attainment		**2.58**		**PO8 Attainment**	**2.56**

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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 9
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Design Dissertation 1
COURSE CODE (AS PER MU)	BARD911
FACULTY	Rohan, Paul, Ainsley, Pinkish, Nikhil, Apurva, Vandana, Kimaya, Shilpa R, TA: Vyoma
FACULTY INCHARGE	Rohan
TOTAL MARKS	100

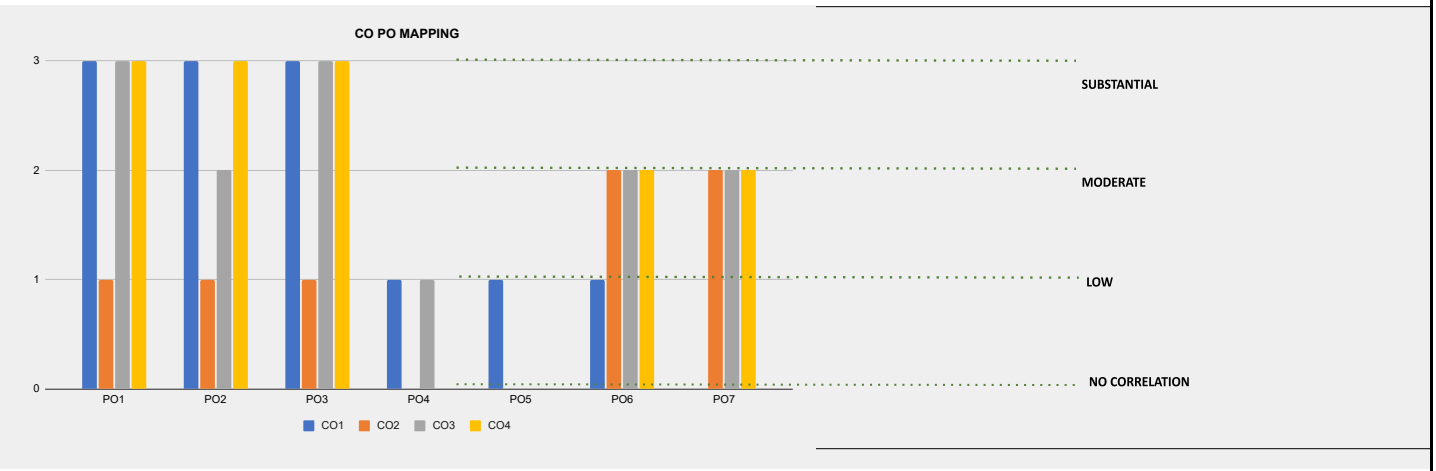
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Enabling the students to explore and research specific topics related to their field of interest. Develop research ability and skills for writing and presenting a thesis report.	L2 - Understand (Explain ideas or concepts)
CO2	Analyze and evaluate 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	he 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



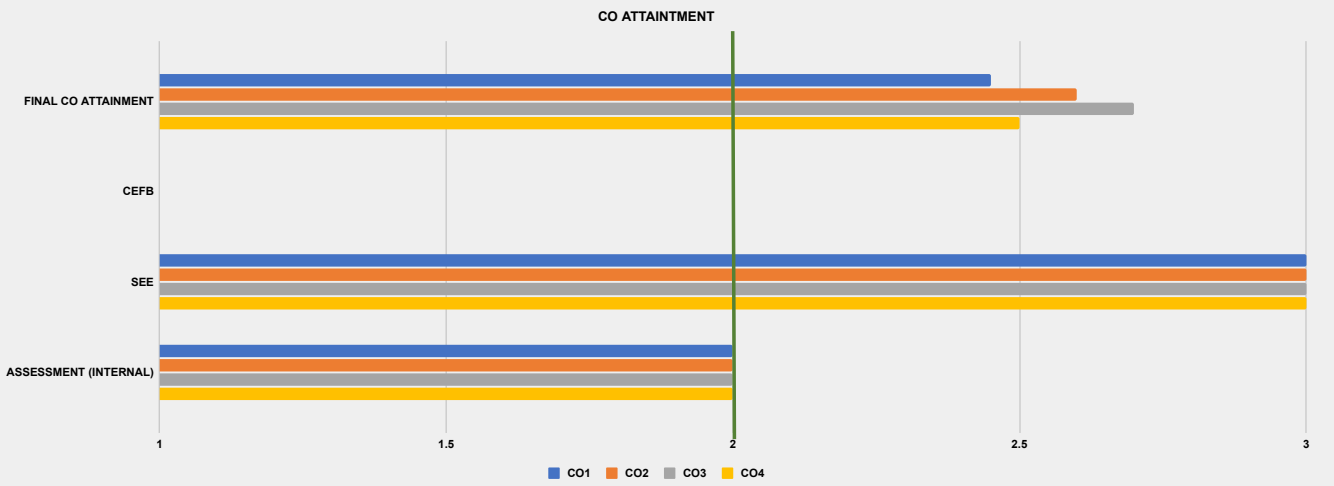
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	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	50	0	ALWAYS ENSURE THE TOTAL IS 100 %
SEE	45	60	70	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 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	-	2.70	2.5	Yes	
CO4	2	3	-	2.50	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	2019-2020
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 explain arguments of environmental projects comprehensively.
CO2	To enable students to develop critical thinking, analytical and technical skills to inform design decisions, keeping in mind specifics of environmental ethics and justice.	2.00	To increase lectures on critical thinking.
CO3	To gain holistic understanding of urban sustainability while focusing on understanding sustainable development goals.	2.00	Target achieved as planned.
CO4	To be able to understand current urbanization-induced environmental challenges and further manage architectural complexities within urban/rural environments.	2.00	To introduce projects with more 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	2019-2020
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Environmental Studies 5
COURSE CODE (AS PER MU)	BARC1006
FACULTY	Kimaya K, Minal Y
FACULTY INCHARGE	Kimaya K
TOTAL MARKS	100

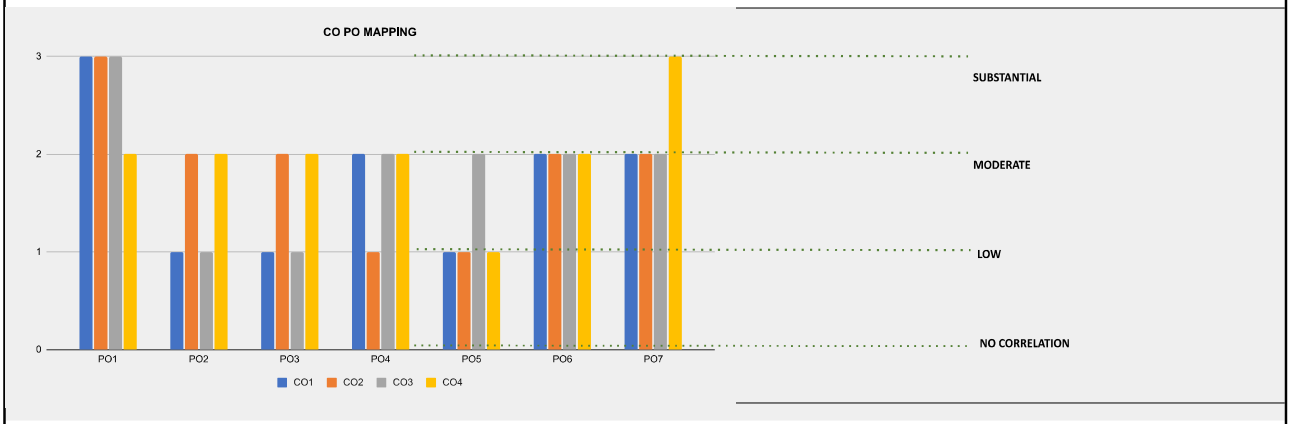
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To identify the area of interest specific to environmental revelation.	L5 - Evaluate (Justify a stand or decision)
CO2	To enable students to develop critical thinking, analytical and technical skills to inform design decisions, keeping in mind 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 environments.	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	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	The course outcomes are slightly 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	70

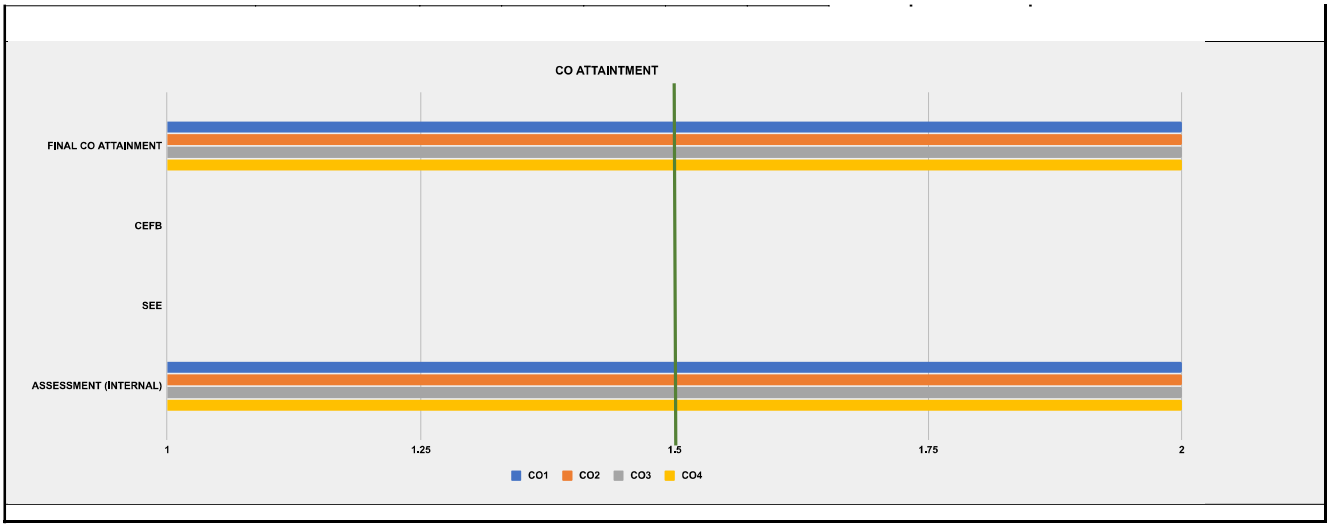
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	3	No	To explain arguments of environmental projects comprehensively.
CO2	2	-		2.00	2.5	No	To increase lectures on critical thinking.
CO3	2	-		2.00	2	Yes	Target achieved as planned.
CO4	2	-		2.00	2	Yes	To introduce projects with more challenges.

COURSE OUTCOME ATTAINMENT LEVELS							CO Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	2	-		2.00	3	No	To explain arguments of environmental projects comprehensively.
CO2	2	-		2.00	2.5	No	To increase lectures on critical thinking.
CO3	2	-		2.00	2	Yes	Target achieved as planned.
CO4	2	-		2.00	2	Yes	To introduce projects with more challenges.



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	In person engagement required
CO3	They are able to develop and represent a substantially sound technical proposal.	2.30	In person engagement required
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**

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

BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Sandhya,Jimmy, Kimaya
FACULTY INCHARGE	Kimaya
TOTAL MARKS	200

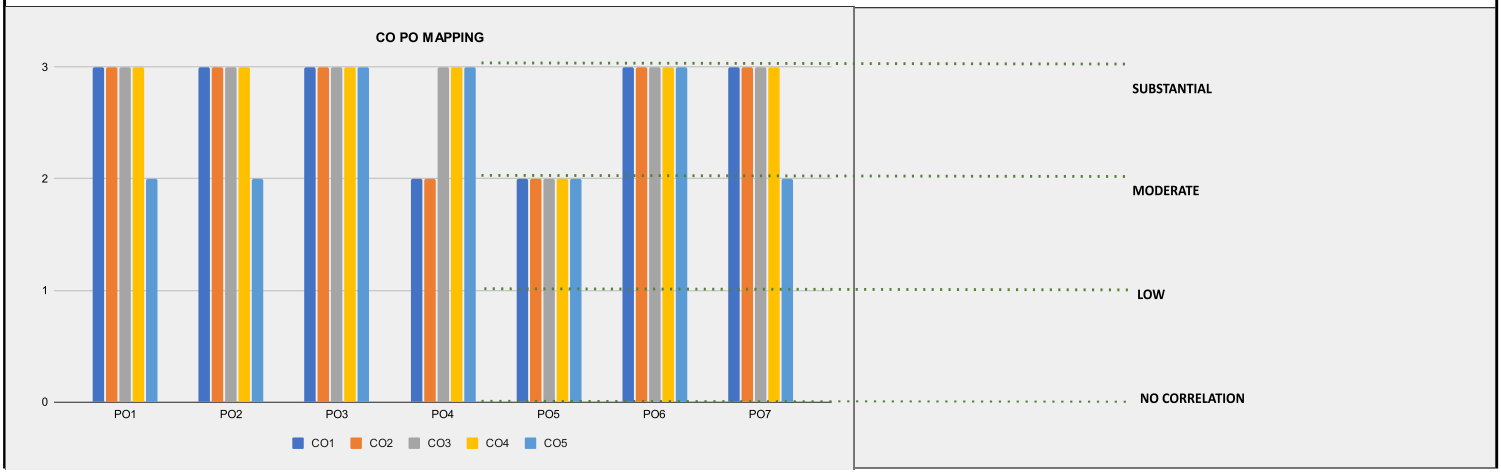
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	They develop an intuitive understanding of the various building systems and proportionate sizes of the components and are able to visualise their concepts as material objects subjected to natural forces, usage and constructional possibilities.	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.	L4 - Analyse (Draw connections among ideas)
CO3	They are able to develop and represent a substantially sound technical proposal.	L3 - Apply (Use information in new situations)
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.	L2 - Understand (Explain ideas or 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

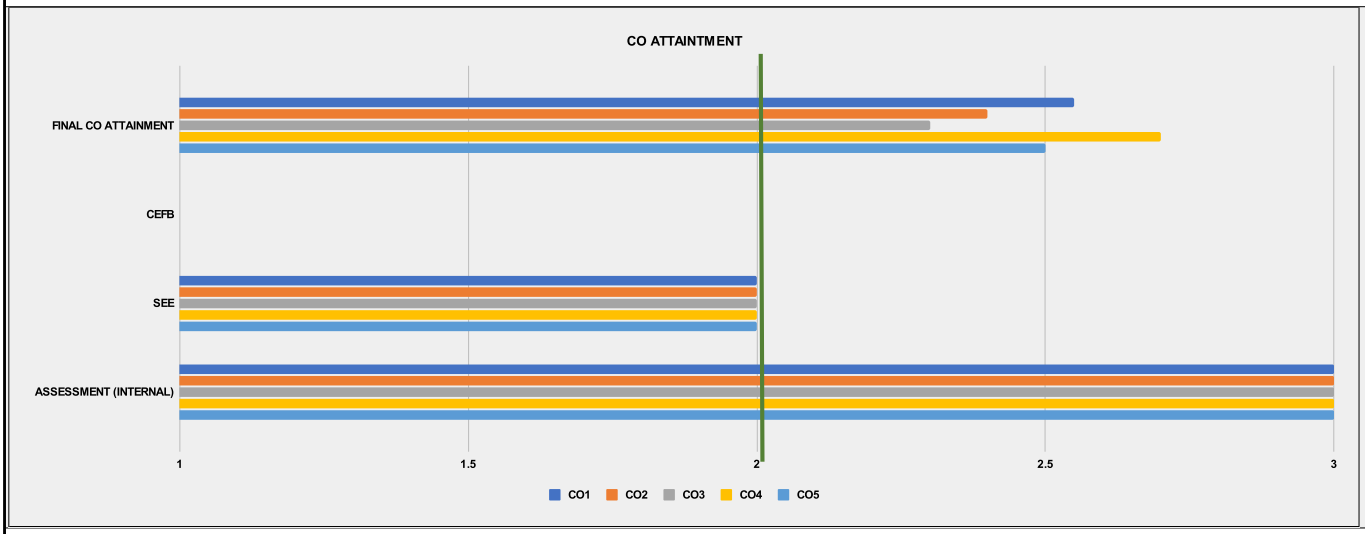
1	SLIGHT (LOW)
2	MODERATE (MEDIUM)
3	SUSBTANTIAL (HIGH)
0	NO CORRELATION



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	70
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	In person engagement required
CO3	3	2	-	2.30	2.5	No	In person engagement required
CO4	3	2	-	2.70	2.5	Yes	
CO5	3	2	-	2.50	2.5	Yes	



PROGRAM	FIFTH YEAR B-ARCH							
ACADEMIC YEAR	2019-2020							
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	3.00	
CO2	To create analytical physical models and studies based on the learnings of the lectures and relate them.	3.00	
CO3	To understand the technical aspects of large scale projects including infrastructure, MEP, ecology, systems, etc	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	2019-2020
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, Devesh, Raj, Kimaya, Minal
FACULTY INCHARGE	Vikram
TOTAL MARKS	100

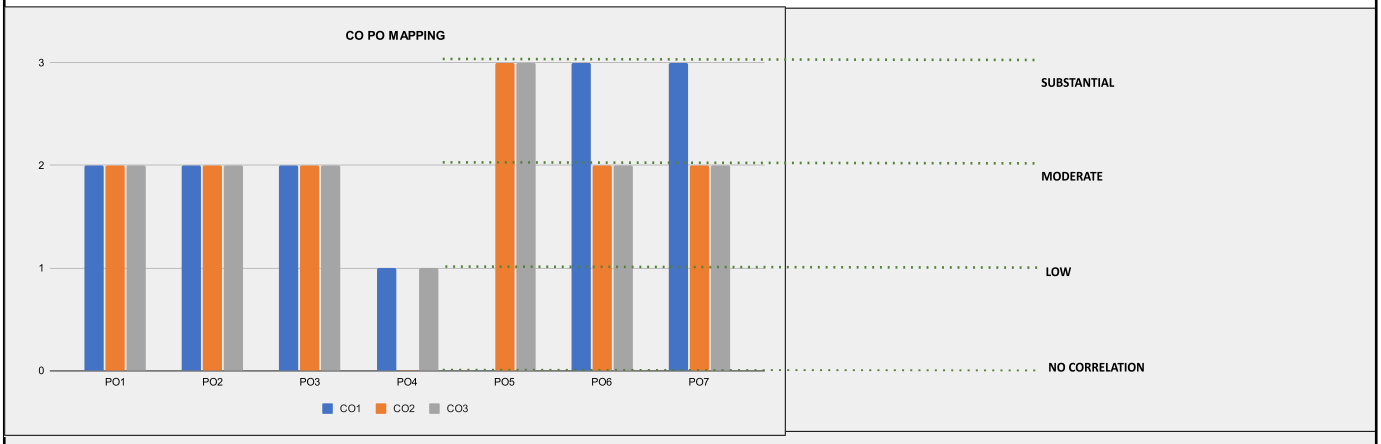
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To analyse thesis projects and attempt technological interventions to the design proposals	L4 - Analyse (Draw connections among ideas)
CO2	To create analytical physical models and studies based on the learnings of the lectures and relate them.	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	62

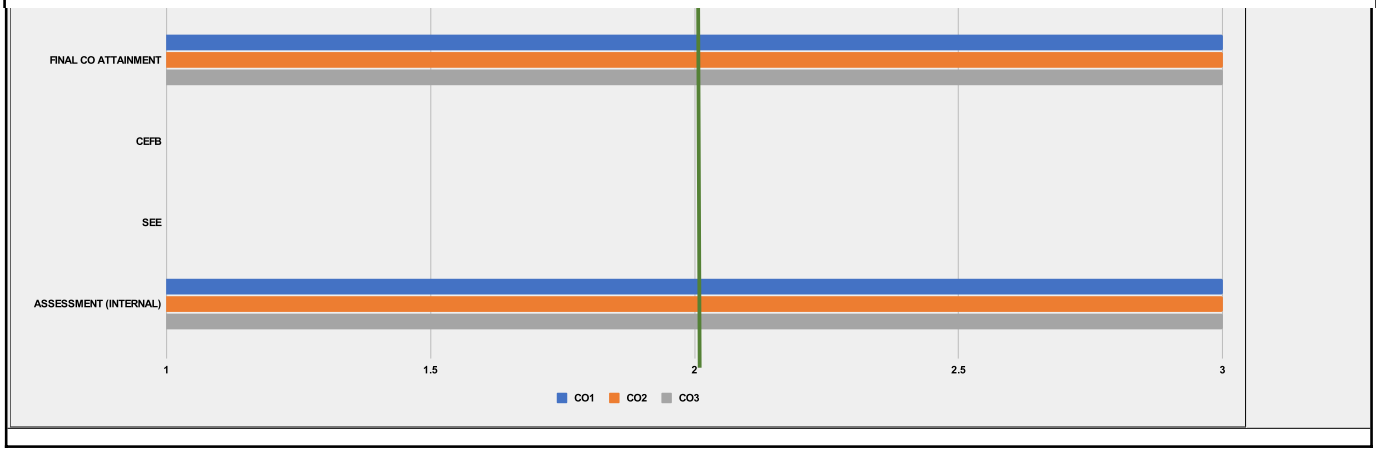
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

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	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 Corrective Measures
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINMENT	CO TARGET	TARGET ACHIEVED ?	
CO1	3	-		3.00	2	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	2019-2020
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	
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	To include more in class reading and discssions
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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BACHELORS OF ARCHITECTURE

COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Theory 4
COURSE CODE (AS PER MU)	BARC1009
FACULTY	Kaiwan Mehta /Amisha Thanawala
FACULTY INCHARGE	Amisha Thanawala
TOTAL MARKS	50

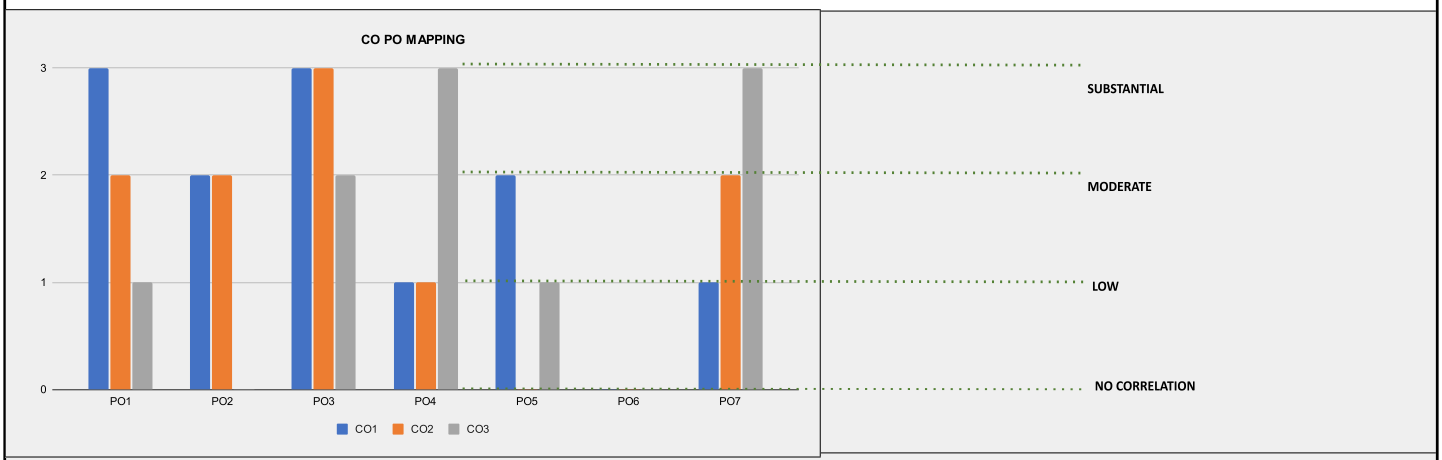
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To understand and create different frameworks of analysis and skills of critical thinking that employed comparative (across mediums, across objects) and analytical (through a close reading) method.	L2 - Understand (Explain ideas or concepts)
CO2	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	The course helps students to achieve medium correlation levels to understand the ideas that shaped the world								

CORRELATION LEVELS FOR POS

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



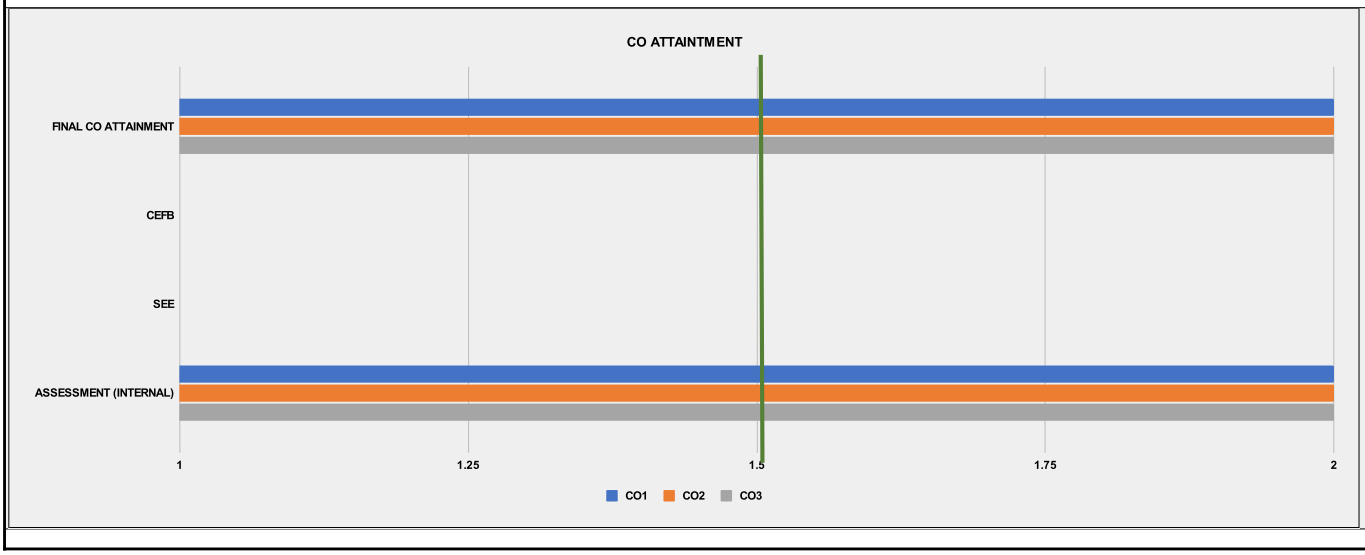
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

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	36.5

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	To include more in class reading and discssions
CO2	2	-		2.00	3	No	
CO3	2	-		2.00	2	Yes	



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	To evaluate the role of government institutions and bodies in shaping the affordable housing stock in the city	2.00	Need to understand the role of examining practices for their technical and ethical positions taken
CO2	To understand the role that practices play in creation of affordable housing stock in the city	2.00	Need to work better in groups
CO3	To analyse ethical positions taken up by practices to contribute responsibly to the society, fellow professionals as well as the profession itself	2.00	Need to understand how to situate themselves in

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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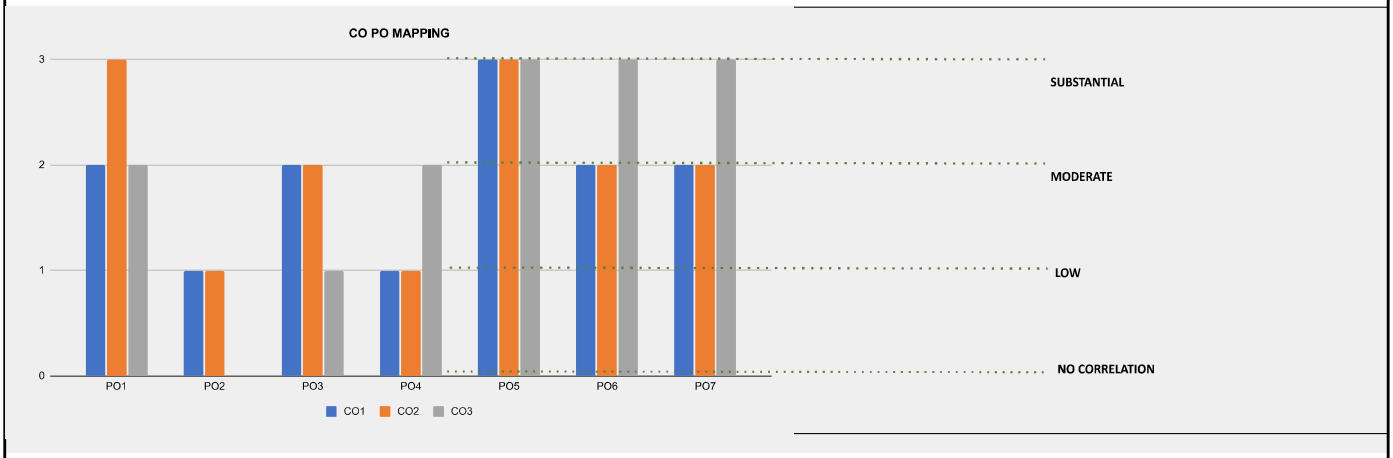
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 10
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Professional Practice 3
COURSE CODE (AS PER MU)	BARC1010
FACULTY	Mamta Patwardhan, Shantanu Khandkar
FACULTY INCHARGE	Mamta Patwardhan
TOTAL MARKS	50

CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	To evaluate the role of government institutions and bodies in shaping the affordable housing stock in the city	L5 - Evaluate (Justify a stand or decision)
CO2	To understand the role that practices play in creation of affordable housing stock in the city	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	This shows that the professional practice course conducted was able to align with the course objectives set. They were 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

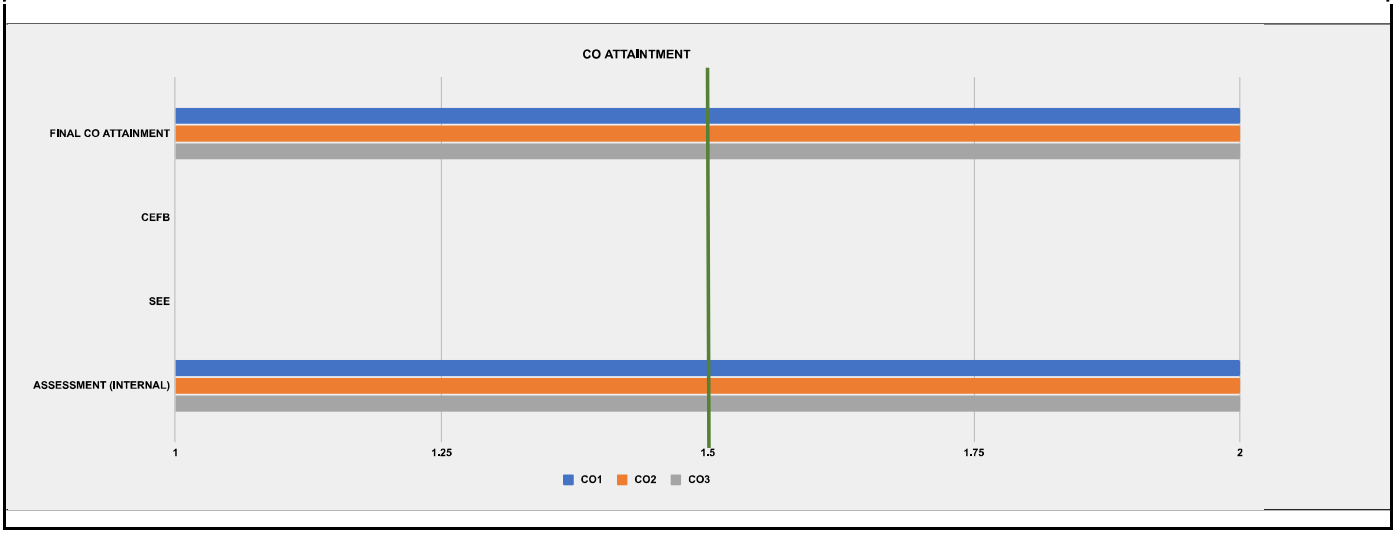


DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS						
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS						
COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
INTERNAL MARKS	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	2.5	No	Need to understand the role of examining practices for their technical and ethical positions taken
CO2	2	-		2.00	2.5	No	Need to work better in groups
CO3	2	-		2.00	2.5	No	Need to understand how to situate themselves in the contemporary realm of practice

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	Need to understand the role of examining practices for their technical and ethical positions taken
CO2	2	-		2.00	2.5	No	Need to work better in groups
CO3	2	-		2.00	2.5	No	Need to understand how to situate themselves in the contemporary realm of practice



PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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.	2.45	
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		2.47		**PO5 Attainment**	2.40
PO2 Attainment		2.47		**PO6 Attainment**	2.48
PO3 Attainment		2.48		**PO7 Attainment**	2.48
PO4 Attainment		2.49		**PO8 Attainment**	2.52

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COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT

COURSE DETAILS

PROGRAM	FIFTH YEAR B-ARCH
ACADEMIC YEAR	2019-2020
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	Paul, Vandana, Rohan, Pinkish, Ainsley, Manoj, Jamshed, Kimaya, Ginella, George, Sonal, Shirish, Advait, Kalpit, Mayuri, Shraddha, Shweta, Nikhil, Nemish, Apurva
FACULTY INCHARGE	Ginella
TOTAL MARKS	400

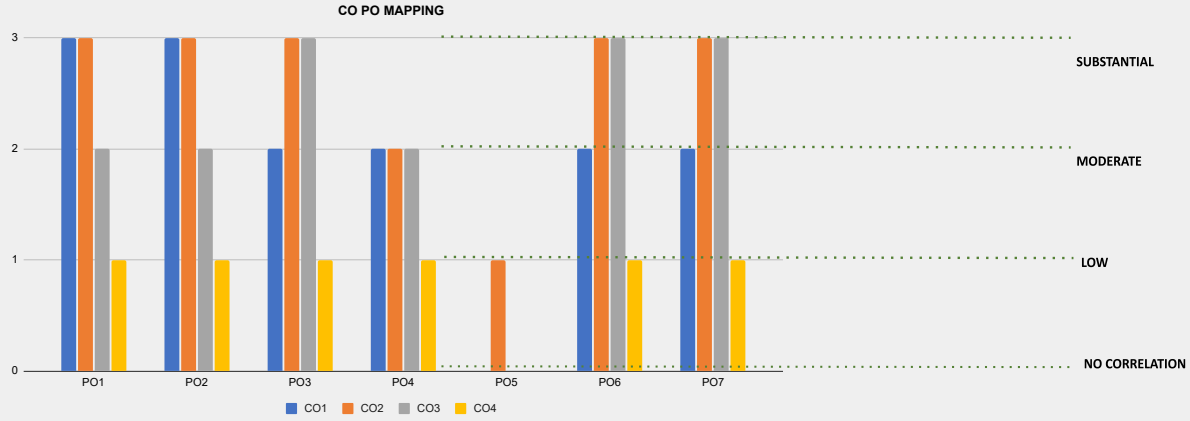
CO. No.	COURSE OUTCOME	RBT (REVISED BLOOMS TAXONOMY)
CO1	Develop analytical skills and apply design strategies to create a socially and ecologically responsive architecture.	L4 - Analyse (Draw connections among ideas)
CO2	Ability to respond to site characteristics, including urban context and developmental 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	his 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



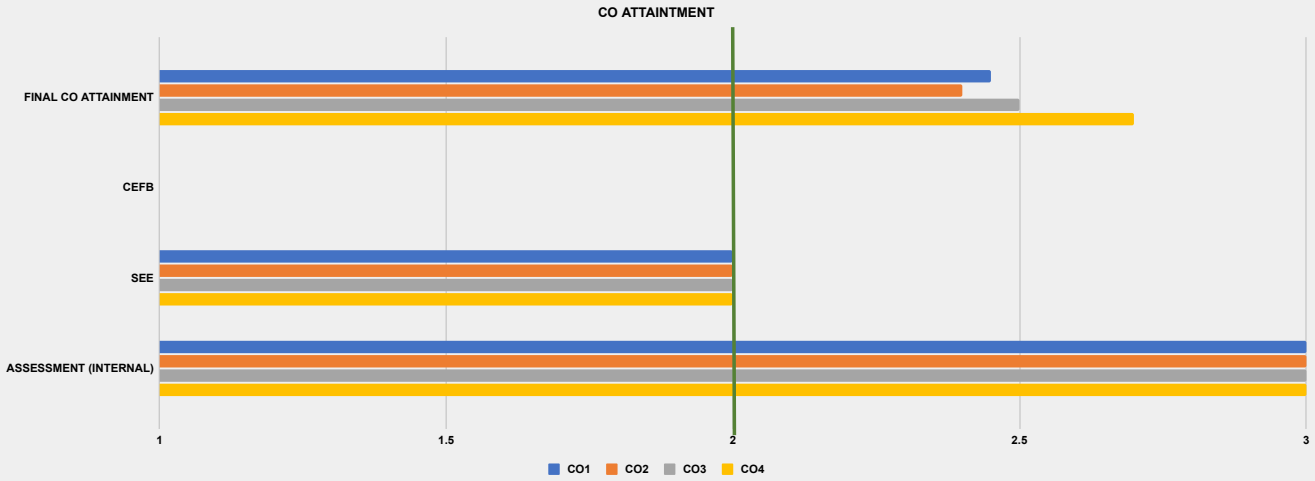
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS

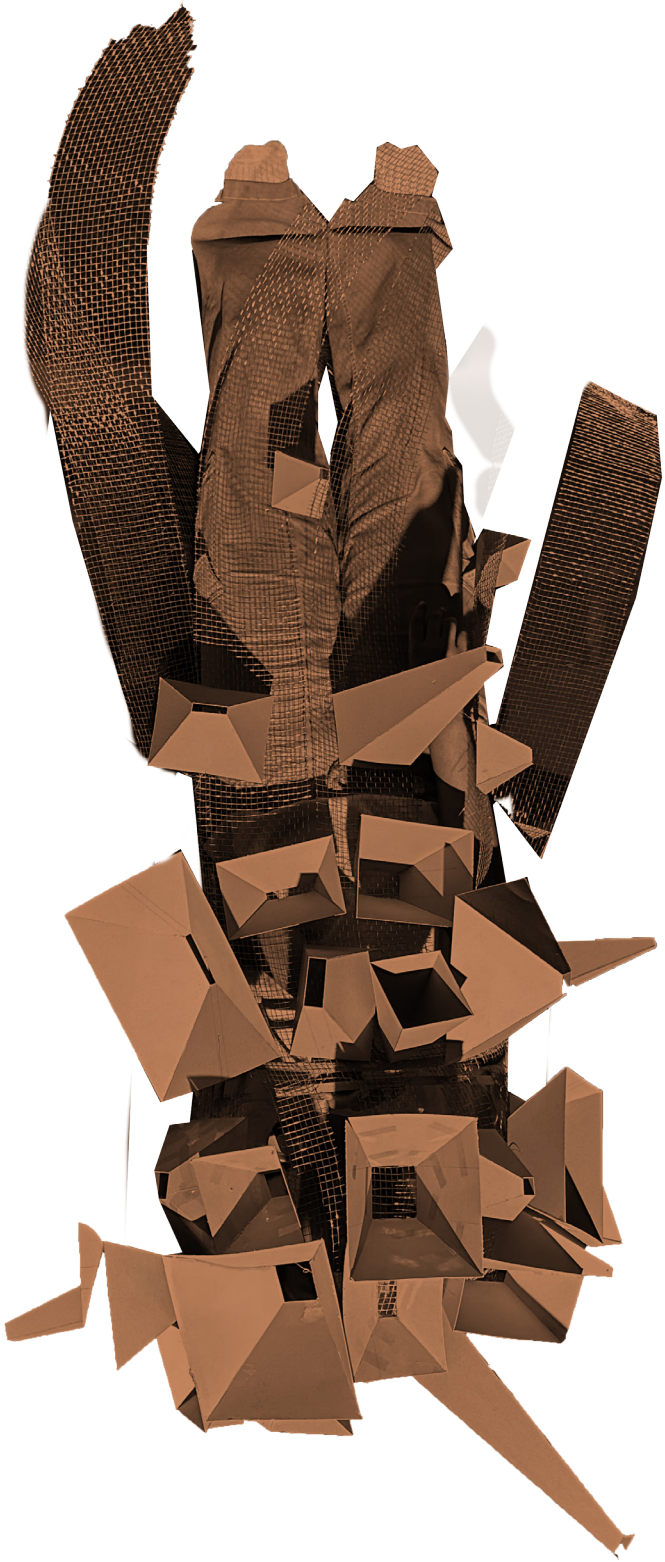
TOOLS		LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	140
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	140

PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS

COURSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	
INTERNAL MARKS	45	40	50	70	50	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
SEE	55	60	50	30	50	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	-	2.45	2	Yes	Better exercises to be conducted to help students respond better to the site context and develop a resolved architecture design.
CO2	3	2	-	2.40	3	No	
CO3	3	2	-	2.50	2.5	Yes	
CO4	3	2	-	2.70	2.5	Yes	





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