

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



# I.Q.A.C. Compilation B. Arch **2019-20**

Approved by Council of Architecture

Affiliated to University of Mumbai

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

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# Contents

# PO-CO Attainments 2019-2020

**Overall PO Attainment** 04

Dean's note for B.Arch 05

<u>First Year</u> 07 <u>Semester 1 | Semester 2</u>

<u>Second Year</u> 59 <u>Semester 3 | Semester 4</u>

 Third Year
 120

 Semester 5 |
 Semester 6

Fourth Year 175 Semester 7

<u>Fifth Year</u> 206 <u>Semester 9 | Semester 10</u>



# 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
	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 /	
PO8	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 Report

### 2019-20. PO Attainment and Corrective Measures

PO Name	PO Statement	Attainment Value	PO Corrective Measures
P01	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
P07	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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PROGRAM	FIRST YEAR I	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Architectural D	Design Studio I						
COURSE CODE (AS PER MU)	BARC101							
			СОРО	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 At	tainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	cc	CORRECTIV	/E MEASURE	S
CO1	To read and a	nalyze context	for design.	2.00	Can integrate	e the process	s into simple	r steps
CO2		and translate of arc e outside of arc		2.00				
CO3	To conceptuali	ize and develop gh, drawings a		2.00				
CO4	To create/auth design respon	or an original ir se or final work	ndividual 	2.00				
CO5		iques of spatia i in the form of t		2.00				
			Course-level	PO Attainmen	Its			
PO1 Attainment			2.00		PO5 Attainm	nent		2.00
PO2 Attainment			2.00		PO6 Attainm	nent		2.00
PO3 Attainment			2.00		PO7 Attainm	nent		2.00
PO4 Attainment			2.00		PO8 Attainm	nent		2.00



	USM'S KAMI	A RAHEJA VID	YANIDHI IN	ISTITUTE FOR	R ARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES						
			BAG	CHELORS OF	ARCHITECT	URE								
		COURSE		IE AND PROG	RAM OUTCO	ME ASSESS	MENT							
				COURSE										
PROGRAM ACADEMIC YEAR					FIR	ST YEAR B-A 2019-2020	RCH							
SEMESTER						SEM 1								
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessionals (In ctural Design								
COURSE CODE (AS PER MU)						BARC101								
FACULTY FACULTY INCHARGE		A	Ainsley, Nik	hil, Shraddha,	Amisha, Roh	it M, Ankush, I Ainsley Lewis		San. TA: Smriti, Aisl	nwarya					
TOTAL MARKS		150												
CO. No.		COURS	SE OUTC	OME				RBT (REVIS	ED BLOOMS TAXONOMY)					
CO1		To read and analyze context for design. L4 - Analyse (Draw connections among ideas)												
CO2	To understand and transl	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 develo	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/auth	To create/author an original individual design response or final work. L6 - Create (Produce new or original work)												
CO5	To apply techniques of	f spatial represen	itation in the	e form of final o	drawings and	models.		L3 - Apply (Use	information in new situations)					
CO. No	PO1	PO2 MAPPING	PO3	RSE OUTCOM PO4	ES AND PRO PO5	PO6	PO7	PO8	CO AVERAGE					
CO1	2	2	3	3	2	2	3		2.38					
CO2 CO3	3	3	3	1	2	2	2		2.25					
C03	2	3	2	2	0	2	2		2.13					
CO5	2	3	2	2	0	1	2	2	2.00					
PO AVERAGE Conclusion and Resolution	2.20	2.80	2.60	2.20	2.00	1.60	2.00	2.00 ty in the exercises.						
			Can	introduce site	is or situatio	is with a grea		ly in the exercises.						
			CO	RRELATION L	EVELS FOR	POS								
1						SLIGHT (LOW	V)							
2					MOI									
3						DERATE (MED	DIUM)							
•					SU	SBTANTIAL (H								
0							lIGH)							
U						SBTANTIAL (H	lIGH)							
	CO PO MAPPIN	G				SBTANTIAL (H	lIGH)							
3	CO PO MAPPIN	6				SBTANTIAL (H	lIGH)	SUB	STANTIAL					
3	CO PO MAPPIN	G				SBTANTIAL (H	IIGH) ION		DERATE					
3	P03 P04	POS	PC			SBTANTIAL (H	IIGH) ION	Mol	DERATE V					
		POS	PC	6 F	N(	SBTANTIAL (H	IIGH) ION	Moi	DERATE V					
	P03 P04	POS			N(	SBTANTIAL (H	IIGH) ION	MOI	DERATE V					
3	P03 P04	PO5 CO4 0 CO5			N(	SBTANTIAL (H	IIGH) ION	MOI	DERATE V					



	PERCENTAGE WEIGHTAGE SE	FOR THE AS	SESSEMNT	TOOLS			]
	URSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT
NTERNAL 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 %
OURSE EXIT FEEDBAC	K SURVEY	0	0	0	0	0	ALWATS ENJORE THE TOTAL IS TOU %
	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE CEFB FINAL CO CO TARGET ATTAINME TARGET ACHIEVED NT ?				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	
FINAL CO ATTAINMENT CEPB SEE							
ASSESSMENT (INTERNAL)	1	.25			1.5		1.75 2
			CO1 📕 CO2	CO3 CO	04 🔳 CO5		



PROGRAM	FIRST YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Allied Design	Studio I						
COURSE CODE (AS PER MU)	BARC102							
			COPO	Mapping			I	
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 Att	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTI	/E MEASURI	ES
CO1		l and analyse t space and cor		2.00				
CO2		e expressive and drawing as sp ns.		2.00				
CO3		an iterative pro an original indi		2.00				1
			Course-level	PO Attainmo	nte			
PO1 Attainmen	t		2.00		PO5 Attainn	nent		2.00
PO2 Attainmen	-		2.00		PO6 Attainn			2.00
PO3 Attainmen			2.00		PO7 Attainn			2.00
PO4 Attainmen			2.00		PO8 Attainn			2.00



	USM'S KAMLA	RAHEJA VII	DYANIDHI IN	ISTITUTE FO	R ARCHITEC	TURE AND E		ITAL STUDIES					
			BAC	HELORS OF	ARCHITECT	URE							
		COURS	SE OUTCOM	E AND PRO	GRAM OUTCO	OME ASSES	SMENT						
				COURSE	DETAILS								
PROGRAM						ST YEAR B-A	RCH						
ACADEMIC YEAR SEMESTER						2019-2020 SEM 1							
EXAMINATION SCHEME						Sessionals (Ir							
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)					Allie	d Design Stud BARC102	lio I						
FACULTY				Kausik N	, Misbah H, P		onal S, Kruti H	I, Mansi B					
FACULTY INCHARGE						Kausik M		·					
TOTAL MARKS						150							
CO. No.		COUF	RSE OUTC	OME				RBT (REVISE	ED BLOOMS TAXONOMY)				
C01	To understand a	COURSE OUTCOME         RBT (REVISED BLOOMS TAXONOMY)           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.												
CO3	To engage in an ite	rative proces	s to create/a	uthor an origir	al individual v	vork		L6 - Create (Pro	oduce new or original work)				
CO. No	PO1	MAPPIN PO2	NG OF COUR PO3	RSE OUTCON PO4	IES AND PRO PO5	PO6	COMES PO7	PO8	CO AVERAGE				
CO1	1	3	2	1	0	1	2	0	1.67				
CO2 CO3	2	3	2	1	0	1	2	2	<u>1.71</u> 1.86				
PO AVERAGE	1.33	3.00	2.00	1.00	0.00	1.00	2.00	2.00	1.00				
Conclusion and Resolution	The course inv	olved only di	rawing exerc	cises. Instead	I the exercis	es can be a	mix of drawin	ig and making to a	chieve more pedagogic objectives.				
1	1		COF	RELATION	EVELS FOR	SLIGHT (LOV	V)						
2						DERATE (MEI							
3						BTANTIAL (F							
0						CORRELAT							
	CO PO MAPPING	<b>i</b>											
3								SUBS	TANTIAL				
2									ERATE				
								LOW					
0 P01 P02	P03 - 204	DOS			PO7				CORRELATION				
0	PO3 PO4	P05 C03	PO	6	PO7				CORRELATION				
0 PO1 PO2	C01 C02	CO3					E TARGET N		CORRELATION				
0	C01 C02	CO3				SCORING TH	IE TARGET N		TARGET MARKS				
PO1 PO2	C01 C02	CO3	ENT LEVELS	3 W.R.T % OF	STUDENTS								



COURSE INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SU CO N0 CO1 CO2	COURSE OUTCOME A	CO1 100 100 0	CO2 100 100 0	CO3 100 100	CO4 0	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT ALWAYS ENSURE THE TOTAL IS 100 %
NTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SU CO N0 CO1 CO2	IRVEY COURSE OUTCOME A	100 100 0	<mark>100</mark> 100	100	0		
DIRECT METHOD COURSE EXIT FEEDBACK SU CO NO CO1 CO2	COURSE OUTCOME A	0	100	100			ALWATS ENSURE THE TOTAL IS TOU //
CO N0 CO1 CO2	COURSE OUTCOME A		0		100	100	
C01 C02				0	0	0	ALWAYS ENSURE THE TOTAL IS 100 %
C01 C02							
C01 C02		TTAINMENT	LEVELS				
CO2	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED ?	CO Corrective Measures
	2	-		2.00	2.5	No	Introduce tools/lenses for analysis
	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
FINAL CO ATTAINMENT							
SEE							
ASSESSMENT (INTERNAL)							
1	1.:	25			1.5		1.75 2
			CO1	📕 CO2 🔳 CO	)3		



PROGRAM	FIRST YEAR E	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Sessionals (Int	ernal) + Theor	y (Exam)					
COURSE NAME (AS PER MU)	Architectural B	uilding Constru	uction & Materia	als 1				
COURSE CODE (AS PER MU)	BARC103							
			СОРО	Mapping				
CO. No	P01	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 Att	ainments	1			
CO. No	CO STATEMEN			FINAL CO ATTAINMENT	cc	CORRECTIV	/E MEASURE	ES
CO1	Understanding elements in a s	system of cons	struction	2.60				
CO2	Understanding such as brick a and their applic and timber fran respectively.	and wood, their cation to the lo	r relevance, ad-bearing	2.60				
CO3	Analytical unde systems	erstanding of lo	bad-bearing	2.50				
CO4	Context-specifi systems and p articulation of r	rinciples throug		2.70				
CO5	Evaluation of s materials throu hands-on expe	igh drawing pla		2.65				
			Course-level	PO Attainmen	nts			
PO1 Attainment			2.62		PO5 Attainn	nent		2.66
PO2 Attainment			2.61		PO6 Attainn	nent		2.62
PO3 Attainment			2.61		PO7 Attainn			2.61
PO4 Attainment			2.69		PO8 Attainn			2.64



	USM'S KAMI	.A RAHEJA \	/IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND EI		AL STUDIES						
				CHELORS OF										
		COUR		ME AND PROC			MENT							
					DETAILS									
PROGRAM ACADEMIC YEAR					FIR	ST YEAR B-A 2019-2020	RCH							
SEMESTER EXAMINATION SCHEME					Sectionals	SEM 1 (Internal) + Th	peopy (Exam)							
COURSE NAME (AS PER MU)				An		ding Construc	ction & Materials	s 1						
COURSE CODE (AS PER MU) FACULTY			Ma	amta Patwardh	nan, Ainsley Le	BARC103 wis, Ankush C	Chandran, Sana	eya Vandrewala						
FACULTY INCHARGE TOTAL MARKS		Ainsley Lewis 150												
						150								
CO. No.		COU	RSE OUTC	OME				RBT (REVISE	ED BLOOMS TAXONOMY)					
C01		Understanding the role of Building elements in a system of construction L2 - Understand (Explain ideas or concepts)												
CO2	application to the load	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.												
CO3		Analytical understanding of load-bearing systems L4 - Analyse (Draw connections among ideas)												
CO4	Context-specific learning	Context-specific learnings of a Tectonic systems and principles through the articulation of materials L5 - Evaluate (Justify a stand or decision)												
C05	Evaluation of structura	al articulation of	of materials th experiments		plates and ha	nds-on		L3 - Apply (Use	information in new situations)					
						CDAN CUT	OMEO							
CO. No	PO1	PO2	PO3	RSE OUTCON PO4	PO5	PO6	PO7	PO8	CO AVERAGE					
C01 C02	2 3	3 3	3	0	2	3	3	2 2	2.57 2.83					
C02 C03	2	3	3	0	0	3 1	3	0	2.83					
CO4 CO5	3	3	3	3	3	3	3	3	3.00 2.43					
PO AVERAGE	2.60	3.00	3.00	2.00	2.67	2.20	3.00	2.33	2.43					
Conclusion and Resolution			technical and		al systems to	ideate the s			ural systems and theoretical concepts in co- that surrounds us					
1					:	SLIGHT (LOW	V)							
2						DERATE (MED								
3						OCORRELATI								
U						OCKRELAN								
	CO PO MAPPIN	G												
3									TANTIAL					
	P/3 P/4		 PC	76	207			Low	ERATE , CORRELATION					
1 0PO1PO2	P03 P04 C01 C02 C03	P05 C04 C05	н РС 5	08	P07			Low	,					
1 PO1 PO2	📕 CO1 📕 CO2 📗 CO3 📕	CO4 🔳 CO5	5	S W.R.T % OF	STUDENTS		E TARGET MA	NO	,					
	📕 CO1 📕 CO2 📗 CO3 📕	CO4 COS	5 MENT LEVELS			SCORING THI LEVEL 3 60-89	% OF STUDEN	NO	CORRELATION					
TOOLS	Co1 Co2 Co3	N OR EQUAL T	5 MENT LEVELS	S W.R.T % OF	STUDENTS S	LEVEL 3	% OF STUDEN TA	LOW	CORRELATION					
TOOLS SEE INTERNAL MARKS PERCI COURSE OUTCO	CO1 CO2 CO3 DEFII IF GREATER THA IF GREATER THA ENTAGE WEIGHTAGE SET	N OR EQUAL THE AS COL	MENT LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	STUDENTS 5 LEVEL 2 30-59 30-59 CO4	LEVEL 3 60-89 60-89 CO5	% OF STUDEN T/ % OF STUDEN T/	IOW LOW	CORRELATION TARGET MARKS 35					
TOOLS SEE INTERNAL MARKS PERCI COURSE OUTCOI INTERNAL MARKS	CO1 CO2 CO3 DEFII IF GREATER THA IF GREATER THA ENTAGE WEIGHTAGE SET	NOR EQUAL TO N OR EQUAL TO N OR EQUAL TO FOR THE AS CO1 60	MENT LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	STUDENTS 5 LEVEL 2 30-59 30-59 CO4 70	LEVEL 3 60-89 60-89 CO5 65	% OF STUDEN T/ % OF STUDEN T/	LOW	CORRELATION TARGET MARKS 35 42					
TOOLS SEE INTERNAL MARKS PERCI COURSE OUTCO	CO1 CO2 CO3 DEFII IF GREATER THA IF GREATER THA ENTAGE WEIGHTAGE SET	N OR EQUAL THE AS COL	MENT LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	STUDENTS 5 LEVEL 2 30-59 30-59 CO4	LEVEL 3 60-89 60-89 CO5	% OF STUDEN T/ % OF STUDEN T/	LOW NO RKS ITS ACHIEVE THE REGET ITS ACHIEVE THE REGET WEIGHTAGE CAN ALWAYS EN	CORRELATION TARGET MARKS 35 42 BE DECIDED AS PER SUBJECT					



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED	CO Corrective Measures
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	
FINAL CO ATTAINMENT CEFB			co /	ATTAINTMENT			
SEE							
ASSESSMENT (INTERNAL)							
	1.	5			2		2.5 3
	1.		CO1 📕 CO2	🔲 CO3 📒 CO	2 04 🔳 CO5		2.0 S



PROGRAM	FIRST YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theor	y (Exam)					
COURSE NAME (AS PER MU)	Theory & Desi	gn of Structure	s 1					
COURSE CODE (AS PER MU)	BARC104							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07	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 Att	ainments				
CO. No	CO STATEMEN	-		FINAL CO ATTAINMENT	со	CORRECTIV	/E MEASURE	S
C01	Developing an the relevant ru of structural be	les of physics i		2.55	Set goals for	the course a	a bit higher	
CO2	To gain a thord construction te interact to resise enabling stude principles and	echniques and st the forces of ents to explain t	materials gravity,	2.40	Difficulty leve	l of the task	needs to be	revised
CO3	Gaining a basi process of stru complex struct	ictural design f		2.50	Complexity of the exercise needs to be incre			
CO4	Understanding architects and process of arc construction and the two	structural designation of the struct	gners in the In and	2.65	Method of the	e task needs	to be revise	ed
			Course-level	PO Attainmen	nts			
PO1 Attainment			2.53		PO5 Attainm	nent		2.65
PO2 Attainment			2.50		PO6 Attainm			2.60
PO3 Attainment			2.45		PO7 Attainm			2.00
PO4 Attainment			2.43		PO8 Attainm			2.43
. J. Frittennisht			2.40					2.01



	USM'S KAM	LA RAHEJA					NVIRONMENTA	AL STUDIES	
			BA	CHELORS OF	ARCHITECT	URE			
		COU	RSE OUTCOM			ME ASSESS	MENT		
PROGRAM				COURSE	DETAILS FIR	ST YEAR B-AI	RCH		
ACADEMIC YEAR SEMESTER						2019-2020 SEM 1			
EXAMINATION SCHEME						(Internal) + Th			
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)					Theory &	BARC104	uctures 1		
FACULTY FACULTY INCHARGE					Rajitha G	., Kumaraguru Rajitha G	, Neeraj V.		
TOTAL MARKS						100			
CO. No.		COL	JRSE OUTC	OME				RBT (REVIS	ED BLOOMS TAXONOMY)
C01	Developing an intuitive und	erstanding of	the relevant rubehavior.	ules of physics	in the context	of structural		L2 - Understar	nd (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.								
CO3	Gaining a basic underst		process of stru tructural system		for simple and	complex		L4 - Analyse (D	raw connections among ideas)
CO4	Understanding the uni architectural de							L2 - Understar	nd (Explain ideas or concepts)
		MAP	PING OF COU	RSE OUTCOM		GRAM OUTC	OMES		
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1 CO2	2 0	3 1	0	0	0	0	2	2 0	2.25
CO3 CO4	2	2	1	1	0	1	3	0	1.67 2.00
PO AVERAGE	2.00	2.00	1.00	1.50	1 1.00	2 1.50	0 2.33	3 2.50	2.00
Conclusion and Resolution			The	e course outc	omes is align	ing with the p	orogram outco	mes moderately.	
			<u> </u>	RRELATION I		000			
1				RELATION		SLIGHT (LOW	0		
2						DERATE (MED			
3						BTANTIAL (H			
0					NC	O CORRELATI	ON		
	CO PO MAPPIN	G							
3								SUB	STANTIAL
2								MOI	Verate V
0 P01 P02	P03 P04	P05	; PC	26	P07			NO	CORRELATION
	CO1 CO2 CC	3 <mark>–</mark> CO4							
T0010	DEFI	NED ATTAIN	MENT LEVEL				E TARGET MAI	RKS	
TOOLS	IF GREATER THA	N OR EQUAL 1	го	10-29	LEVEL 2 30-59	LEVEL 3 60-89	% OF STUDEN	NTS ACHIEVE THE	TARGET MARKS
INTERNAL MARKS	IF GREATER THA			10-29	30-59	60-89	TA % OF STUDEN	ARGET	27
							TA	ARGET	23
PERCI COURSE OUTCO	ENTAGE WEIGHTAGE SET MES	FOR THE AS CO1	SSESSEMNT 1 CO2	CO1S	CO4	CO5		WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT
INTERNAL MARKS	-	55	40	50	65	0			NSURE THE TOTAL IS 100 %
SEE DIRECT METHOD		45 100	60 100	50 100	35 100	0 100			
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALWAYS EI	NSURE THE TOTAL IS 100 %
	COURSE OUTCOME A	TTAINMENT	LEVELS						



CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO 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
FINAL CO ATTAINMENT			co .	ATTAINTMENT			
SEE							
ASSESSMENT (INTERNAL)	1	.5			2		2.5 3
			<b>CO1</b>	CO2 🔳 CO3	CO4		

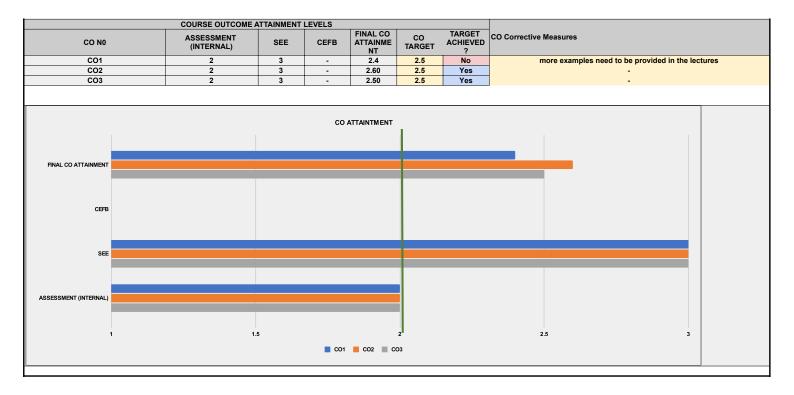


PROGRAM	FIRST YEAR E	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theo	ry (Exam)					
COURSE NAME (AS PER MU)	Humanities 1							
COURSE CODE (AS PER MU)	BARC105							
			СОРО	Mapping			1	
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	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 Att	ainments	1			
CO. No	CO STATEMEN	тѕ		FINAL CO ATTAINMENT	co		E MEASURI	ES
CO1	Students will b 'ideal types' of well as vernact settlements.	pre-modern a	nd modern, as	2.40	more examp lectures	les need to b	e provided i	n the
CO2	Students will a to comprehence among settlem	the diversity		2.60	-			
CO3	Students will b natural determ reading of mor	ining factors tl		2.50	-			
			Course-level	PO Attainmen	its			
PO1 Attainment			2.51		PO5 Attainn			2.50
PO2 Attainment			2.50		PO6 Attainment			2.50
PO3 Attainment			2.50		PO7 Attainn			2.50
PO4 Attainment			2.50		PO8 Attainn	nent		2.40



	USWI S KAN			NSHIOLEFO	R ARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES	
			ВА	CHELORS OF	ARCHITECT	URE			
		COU	RSE OUTCOM	ME AND PROC	GRAM OUTC	ME ASSESS	MENT		
				COURSE	DETAILS				
PROGRAM						ST YEAR B-A			
ACADEMIC YEAR SEMESTER						2019-2020 SEM 1			
EXAMINATION SCHEME					Sessionals		heory (Exam)		
COURSE NAME (AS PER MU)						Humanities			
COURSE CODE (AS PER MU)						BARC105	-1-		
FACULTY FACULTY INCHARGE						lussain, Shwe			
TOTAL MARKS						100			
CO. No.		COU	IRSE OUTC	OME				RBT (REVISE	D BLOOMS TAXONOMY)
CO1	Students will be able to distin planned settlements.	nguish the 'ideal	types' of pre-m	odern and mode	ern, as well as v	ernacular and		L4 - Analyse (Dı	aw connections among ideas)
CO2	Students will adopt a conceptual framework to comprehend the diversity and affinity among settlement patterns and forms.								d (Explain ideas or concepts)
CO3	Students will be able to ident and spatial patterns.	tify social and nat	tural determinir	ng factors throug	gh a reading of	norphology		L3 - Apply (Use	information in new situations)
				RSE OUTCOM					
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	CO AVERAGE
CO1 CO2	2 3	1	1	3 3	2 2	2 2	e	1 0	1.88 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				C	O can be imp	oved throug	h class exercis	ses	
			CO	RRELATION			AD		
1						SLIGHT (LOV			
2					MO	DERATE (ME	DIUM)		
3									
0						SBTANTIAL (H D CORRELAT			
0	CO PO MAPPI	ING				) CORRELAT			
	CO PO MAPPI	ING			N	CORRELAT	TON	SUBS MOD	TANTIAL ERATE .
				06	N	CORRELAT	ION	SUBS MOD	erate
0 3 2 1 0 PO1 PO2	P03 P04	P05	Pr	S W.R.T % OF	P07		ION	SUBS MOD LOW	ERATE CORRELATION
	P03 P04	P05	P		N		ION	SUBS MOD LOW	erate
0 3 2 1 0 PO1 PO2 TOOLS	P03 P04 C01 C02 C01 DEF IF GREATER TH	P05	MENT LEVEL	S W.R.T % OF	P07		ION IE TARGET MA % OF STUDE % OF STUDE	SUBS MOD LOW NO NRKS NTS ACHIEVE THE ARGET	ERATE CORRELATION
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 PO3 DEF IF GREATER TH IF GREATER TH	PO5 CO3 FINED ATTAINN IAN OR EQUAL T	MENT LEVEL 0	S W.R.T % OF LEVEL 1 10-29 10-29	P07	CORRELAT	ION IE TARGET MA % OF STUDE % OF STUDE	SUBS MOD LOW NO IRKS	ERATE CORRELATION TARGET MARKS 30
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 PO3 CO1 CO2 PO3 FGREATER TH IF GREATER TH IF GREATER TH IF GREATER TH	PO5 CO3 FINED ATTAINN IAN OR EQUAL T	MENT LEVEL 0	S W.R.T % OF LEVEL 1 10-29 10-29	P07	CORRELAT	ION IE TARGET MA % OF STUDE % OF STUDE	SUBS MOD LOW NO NO NO NO NO NO NO NO NO NO	ERATE CORRELATION TARGET MARKS 30
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 PO3 CO1 CO2 PO3 FGREATER TH IF GREATER TH IF GREATER TH IF GREATER TH	Pos Co3 FINED ATTAINN HAN OR EQUAL T HAN OR EQUAL T T FOR THE AS CO1 60	P( MENT LEVEL 0 30 35 35 35 35 35 35 35 35 35 35	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	Ni PO7 STUDENTS LEVEL 2 30-59 30-59 CO4 70	COS 50 50 50	ION IE TARGET MA % OF STUDE % OF STUDE	SUBS MOD LOW LOW NO NO NO NO NO NO NO NO NO NO NO NO NO	ERATE CORRELATION TARGET MARKS 30 38
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 PO3 CO1 CO2 PO3 FGREATER TH IF GREATER TH IF GREATER TH IF GREATER TH	Po5 CO3 FINED ATTAINM IAN OR EQUAL T IAN OR EQUAL T T FOR THE AS CO1	P( MENT LEVEL TO TO SESSEMNT 1 CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	Ni PO7 STUDENTS LEVEL 2 30-59 30-59 CO4	CORRELAT	ION IE TARGET MA % OF STUDE % OF STUDE	SUBS MOD LOW LOW NO NRKS NTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN	ERATE CORRELATION TARGET MARKS 30 38 BE DECIDED AS PER SUBJECT







PROGRAM	FIRST YEAR	R-ARCH							
	FIRST TEAR	D-ARCH							
YEAR	2019-2020								
SEMESTER	SEM 1								
EXAMINATION SCHEME	Only Sessiona	als (Internal)							
COURSE NAME (AS PER MU)	Environmenta	I Studies I							
COURSE CODE (AS PER MU)	BARC106								
			CORO	Monning					
			COPU	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 Att	ainments					
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	S	
C01	environments agro-ecologica farming practic landscapes, u forest foods, u	e relationship b and their natur al systems, tra- ces, self-susta rban biodivers irban foodscap Id play in build	ral setting, ditional ining ity, habitats, bes and the	2.00	To explain th	e concepts n	nore compre	chensively	
CO2	To critically ind ideologies, ph natural enviro	quire the perce ilosophies con nment; from ca n, sustainabilit	cerning the arbon trading	2.00	To explain the concepts more comprehensi To introduce novel philosophies and concept				
CO3		l nature and bu as a response ic conditions.		2.00	Target achieved				
CO4	concepts that	h and apply the have shaped sensitive archite		2.00	To introduce more complex environment sensitive projects				
				PO Attainmer	1				
PO1 Attainment			2.00		PO5 Attainment			2.00	
PO2 Attainment			2.00		PO6 Attainment			2.00 2.00	
PO3 Attainment PO4 Attainment			2.00 2.00						
F04 Attainment			2.00		POS Attainn	IGUI		2.00	



	USM'S KAML	A RAHEJA V	'Idyan <b>i</b> dhi Ii	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMEN	TAL STUDIES	
			BA	CHELORS OF	ARCHITECT	URE			
		COUR		IE AND PROC	GRAM OUTC	OME ASSESS	MENT		
PROGRAM				COURSE	DETAILS	ST YEAR B-A	RCH		
ACADEMIC YEAR						2019-2020			
SEMESTER EXAMINATION SCHEME						SEM 1 Sessionals (In			
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)					Envir	onmental Stud BARC106	ies I		
FACULTY					Kimaya	K,Minal Y, Sa	ndeep M		
FACULTY INCHARGE TOTAL MARKS						Kimaya K 50			
CO. No.	To explore concepts such as		JRSE OUTC		environments an	t their natural		RBT (REVIS	ED 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.								I (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.							Justify a stand or decision)	
CO3	To understand nature and	To understand nature and built, and look at architecture as a response to the bio-geo-dimatic conditions.							I (Explain ideas or concepts)
CO4	To engage with and apply the i	deas and concep	ots that have sha	ped environment	-sensitive archit	ectural thinking.		L3 - Apply (Use	nformation in new situations)
CO. No	PO1	MAPP PO2	NG OF COU PO3	RSE OUTCON PO4	IES AND PR	PO6	COMES PO7	PO8	CO AVERAGE
CO1 CO2	3	2	2	1	1	1	1	1	1.50
CO2 CO3	3	2	2	1 2	1	1	1 3	1	1.50 1.75
CO4 PO AVERAGE	1 2.00	1.75	3 2.25	1 1.25	2 1.25	2 1.25	3 2.00	2 1.50	1.88
Conclusion and Resolution	2.00	1.75						gram outcomes.	I
1			CO	RRELATION L			Λ		
1			CO	RRELATION I		SLIGHT (LOW			
1 2 3			CO	RRELATION L	MOI	SLIGHT (LOW DERATE (MEE	NUM)		
2			CO	RRELATION L	MOI	SLIGHT (LOW	num) IIGH)		
2 3	CO PO MAPPH P03 P04 CO 1 CO 2 CO	Pos			MOI	SLIGHT (LOW DERATE (MEE SBTANTIAL (H	JUM) JIGH) JON	MOI	ITANTIAL VERATE CORRELATION
2 3 0	P03 P04	Pos	P4	5 W.R.T % OF	MOI SUS NO	SLIGHT (LOW DERATE (MED SBTANTIAL (H CORRELATI	JUUM) IIGH) ION	MOI	VERATE
2 3 0	P03 P04 C01 C02 C0 DEFI	PO5	Per LEVELS	S W.R.T % OF	MOI SUS NO	SLIGHT (LOW DERATE (MEL SBTANTIAL (H ) CORRELATI	IIGH) IIGH) ION	MOI	Jerate
2 3 0 3 2 2 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	PO3 PO4 CO1 CO2 CO DEFII	PO5 D3 C04		S W.R.T % OF LEVEL 1 10-29	MOI SUS NO	SLIGHT (LOW DERATE (MED SBTANTIAL (H CORRELATI	IUM) IGH) ION E TARGET M	MOI	VERATE
2 3 0 3 2 2 0 PO1 PO2 TOOLS INTERNAL MARKS	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFII IF GREATER TH. ENTAGE WEIGHTAGE SET	PO5 D3 C04		S W.R.T % OF LEVEL 1 10-29	MOI SUS NO	SLIGHT (LOW DERATE (MEL SBTANTIAL (H ) CORRELATI	IUM) IGH) ION E TARGET M	MOI	CORRELATION
2 3 0 3 2 1 5 FO1 FO2 FO2 FO2 FO2 FO2 FO2 FO2 FO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFII IF GREATER TH. ENTAGE WEIGHTAGE SET	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	AENT LEVEL3	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100	MOI SUS NO PO7 STUDENTS LEVEL 2 30-59 CO4 100	SLIGHT (LOW DERATE (MED SDTANTIAL (H D CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5	IUM) IGH) ION E TARGET M	MOI LOV LOV NO ARKS INTS ACHIEVE THE IARGET WEIGHTAGE CAN	CORRELATION
2 3 0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 CO DEFI IF GREATER TH. ENTAGE WEIGHTAGE SET DMES	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	AENT LEVEL3	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	MOI SUS NO P07 STUDENTS LEVEL 2 30-59 CO4	SLIGHT (LOW DERATE (MED SBTANTIAL (HE D CORRELATI	IUM) IGH) ION E TARGET M	MOI LOV LOV NO ARKS INTS ACHIEVE THE IARGET WEIGHTAGE CAN ALWAYS E	CORRELATION TARGET MARKS 30 BE DECIDED AS PER SUBJECT
2 3 0 3 2 1 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFII IF GREATER TH. ENTAGE WEIGHTAGE SET	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	AENT LEVEL3	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME	MOI SUS NO PO7 STUDENTS LEVEL 2 30-59 CO4 100 100	SLIGHT (LOW DERATE (MED SBTANTIAL (HED DORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100	IUM) IGH) ION E TARGET M	MOI	CORRELATION TARGET MARKS 30 BE DECIDED AS PER SUBJECT USURE THE TOTAL IS 100 %
2 3 0 3 2 2 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Po3 PO4 CO1 CO2 CO DEFII IF GREATER TH. ENTAGE WEIGHTAGE SET DMES COURSE OUTCOME ASSESSMENT (INTERNAL) 2	PO5 PO5 CO4 NED ATTAINM AN OR EQUAL 1 FOR THE AS CO1 100 0 ATTAINMENT SEE	PC MENT LEVELS TO SSESSEMNT CO2 100 100 0 LEVELS CEFB -	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT 2.00	MOI SUS NO SUS NO SUDENTS LEVEL 2 30-59 CO4 100 100 0 CO TARGET 2.5	SLIGHT (LOW DERATE (MEL SBTANTIAL (H D CORRELATI D CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100 0 TARGET ACHIEVED ? No	JUUM) IIGH) ION IE TARGET M % OF STUDE 1	MOI LOV LOV NO ARKS MIS ACHEVE THE ARGET WEIGHTAGE CAN ALWAYS EI ALWAYS EI ALWAYS EI To explain the c	CORRELATION  TARGET MARKS  30  BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 % ISURE THE TOTAL IS 100 % ISURE THE TOTAL IS 100 %
2 3 0 3 2 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFII IF GREATER TH. ENTAGE WEIGHTAGE SET DMES COURSE OUTCOME. ASSESSMENT (INTERNAL)	Pos Pos Pos Co4 NED ATTAINM AN OR EQUAL 1 FOR THE AS CO1 100 100 0 ATTAINMENT SEE	PC PC PC PC PC PC PC PC PC PC	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 0 FINAL CO ATTAINME NT	MOI SUX NO P07 STUDENTS LEVEL 2 30-59 CO4 100 0 0 CO TARGET	SLIGHT (LOW DERATE (MED SBTANTIAL (HE D CORRELATI D CO	JUUM) IGH) IGH) ION	MOI LOV LOV NO ARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS E ALWAYS E ALWAYS E ALWAYS E To explain the c To introduce no	TARGET MARKS 30 BE DECIDED AS PER SUBJECT USURE THE TOTAL IS 100 %



CO N0	COURSE OUTCOME ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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					Yes	Target achieved			
CO4	2		-	2.00	2	Yes	To introduce more complex environment sensitive projects			
			cc	OATTAINTMENT						
FINAL CO ATTAINMENT										
CEFB										
SEE										
ASSESSMENT (INTERNAL)										
1		1.25			1.5		1.75 2			



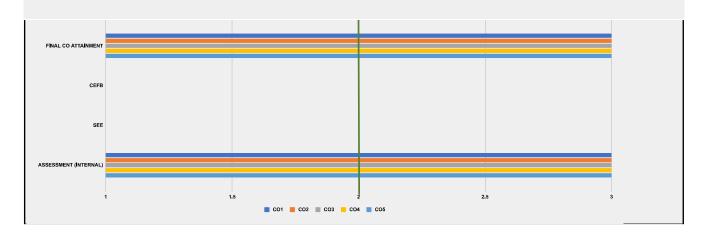
PROGRAM	FIRST YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Architectural F	Representatior	n & Detailing I					
COURSE CODE (AS PER MU)	BARC107							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	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 Att	ainments				
CO. No		ITS		FINAL CO ATTAINMENT	со	CORRECTIN	/E MEASURI	ES
	Understand th for a compreh representation	ensive archite						
CO1	Enable studer relationships t medium, also intents, in the representatior	between the ch use of critical making and fo	noice of or expressive	3.00				
CO3	Enable studer architectural re of investigating society.	epresentation	as a method	3.00				
604	Enable studer three dimension the tools of rep	onal form and		2.00				
CO4	Facilitate stud projections, av tools of repres	conometric and	d isometric	3.00				
CO5	•			3.00				
			Course-level	PO Attainmer	nts			
PO1 Attainmen	•		3.00		PO5 Attainn	nent		0.38
								3.00
PO2 Attainment			3.00		PO6 Attainn			
PO3 Attainmen			3.00		PO7 Attainn			3.00
PO4 Attainmen	L		3.00		PO8 Attainn	nent		3.0



	USM'S KAML	A RAHEJA V	IDYANIDHI I	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMEN	TAL STUDIES			
			ВА	CHELORS OF	ARCHITECT	URE					
		COUR		ME AND PRO	GRAM OUTC	ME ASSESS	MENT				
PROGRAM				0001102		ST YEAR B-A	RCH				
ACADEMIC YEAR						2019-2020 SEM 1					
SEMESTER EXAMINATION SCHEME					Only	SEM 1 Sessionals (In	ternal)				
COURSE NAME (AS PER MU)					Architectural F	epresentation					
COURSE CODE (AS PER MU) FACULTY			SANDEED	MAMTA MISE		BARC107	KUSH DRAT	YUSHA, KAUSHIK,	MANSI		
FACULTY INCHARGE			SANDELL,		AII, JONAL,	SONAL		TOOLA, INOOLIN,	MANO		
TOTAL MARKS						150					
CO. No.		COU	RSE OUT	OME				RBT (REVISI	ED BLOOMS TAXONOMY)		
	Understand the techniqu				hitectural repr	esentation.					
CO1								L2 - Understand	I (Explain ideas or concepts)		
	Enable students to unders	nable students to understand relationships between the choice of medium, also use of critical									
CO2		inable students to understand relationships between the choice of medium, also use of critical or expressive intents, in the making and form of visual representations.									
CO3	Enable students to eva		itectural repre tural design i		i method of inv	estigating		L4 - Analyse (Dra	aw connections among ideas)		
CO4	Enable students to create				and space by	use the tools		L6 - Create /Pr	oduce new or original work)		
004		of	representati	on.				Lo · orcate (FI	and the of original work)		
	Facilitate students to c	reate orthogra	phic projectio	ins avonomet	ic and isomet	ic tools of					
CO5	acintate students (0 c		ntation of arc		io and isomet	10 10015 01		L3 - Apply (Use i	nformation in new situations)		
CO. No	PO1	MAPPI PO2	NG OF COU PO3	RSE OUTCOM PO4	IES AND PR	OGRAM OUT PO6	PO7	PO8	CO AVERAGE		
CO. No CO1	2	3	3	0	1	3	3	2	2.43		
CO2	3	2	3	0	0	0	0	2	2.50		
CO3 CO4	3	2	3	0	0	0	0	2 3	2.50 2.67		
CO5	2	3	3	3	0	0	3	0	2.07		
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 indiv	vidual repres	entational un	derstading s	some of the	program out	comes, specficiall	y pertaining to social, collective.		
						<b>DOO</b>					
			co	RRELATION							
1			co	RRELATION		SL <b>I</b> GHT (LOW					
2			co	RRELATION	MOI	SLIGHT (LOW DERATE (MED	NUM)				
2 3			co	RRELATION	MOI	SLIGHT (LOW DERATE (MED BTANTIAL (H	IUM) IGH)				
2			C0	RRELATION I	MOI	SLIGHT (LOW DERATE (MED	IUM) IGH)				
2 3	CO PO MAPPI	NG			MOI	SLIGHT (LOW DERATE (MED BTANTIAL (H	IGH) ON				
2 3	CO PO MAPPI	NG			MOI	SLIGHT (LOW DERATE (MED BTANTIAL (H	IGH) ON	SUBS	TANTIAL ERATE		
2 3	P03 P04 C01 C02 C03	P05 C04 C02			MOI SUS NO	SLIGHT (LOW JERATE (MED BTANTIAL (H CORRELATI	IUM) IGH) ON	SUBS MOE	ERATE		
2 3 0	P03 P04 C01 C02 C03	P05 C04 C02		06 S W.R.T % OF	MOI SUS NO	SLIGHT (LOW ERATE (MED BTANTIAL (H CORRELATI	IUM) IGH) ON	SUBS MOE	erate / correlation		
2 3 0	P03 P04 c01 c02 c03 p	PO5 CO4 CO2	P s	06 S W.R.T % Of LEVEL 1	MOI SUS NO PO7	SLIGHT (LOW PERATE (MED BTANTIAL (H CORRELAT)	IUM) IGH) ON E TARGET M	SUBS MOC LOV	erate /		
2 3 0	P03 P04 C01 C02 C03	PO5 CO4 CO2	P 5	06 S W.R.T % OF	MOI SUS NO	SLIGHT (LOW ERATE (MED BTANTIAL (H CORRELATI	IUM) IGH) ON E TARGET M	SUBS MOE	erate / correlation		
2 3 0 0 Po1 Po2 TOOLS INTERNAL MARKS	PO3 PO4 CO1 CO2 CO3 DEFIN	PO5 CO4 CO2 NED ATTAINN	5 70	005 S W.R.T % OF LEVEL 1 10-29	MOI SUS NO PO7	SLIGHT (LOW PERATE (MED BTANTIAL (H CORRELAT)	IUM) IGH) ON E TARGET M	SUBS           MOE           LOV           NO           IARKS	ERATE / CORRELATION TARGET MARKS		
2 3 0 0 Po1 Po2 TOOLS INTERNAL MARKS	PO3 PO4 co1 Co2 Co3 DEFIN IF GREATER TH	PO5 CO4 CO2 NED ATTAINN	5 70	005 S W.R.T % OF LEVEL 1 10-29	MOI SUS NO PO7	SLIGHT (LOW PERATE (MED BTANTIAL (H CORRELAT)	IUM) IGH) ON E TARGET M	SUBS           MOC           LOW           NO           IARKS           INTS ACHIEVE THE ARGET	ERATE / CORRELATION TARGET MARKS		
2 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1	PO3 PO4 co1 Co2 Co3 DEFIN IF GREATER TH	P05 C04 C02 NED ATTAINN AN OR EQUAL 1 FOR THE AS C01 100	TO SEESSEMNT CO2 100	06 S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100	мо SUS NC NC Ро7 = STUDENTS LEVEL 2 30-59 ССФ4 100	SLIGHT (LOW IERATE (MED BTANTIAL (H CORRELATI	IUM) IGH) ON E TARGET M	ARKS WEIGHTAGE CAN	ERATE CORRELATION TARGET MARKS 90		
2 3 0 Po1 Po2 Po2 Po1 Po2 Po2 Po2 Po2 Po2 Po2 Po2 Po2	PO3 PO4 co1 Co2 Co3 DEFIN IF GREATER TH	P05 C04 C02 VED ATTAINN AN OR EQUAL 1 FOR THE AS C01 100 100	5 Tent Level To SSESSEMNT CO2 100 100	006 S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	MOI SUS NO NO NO NO NO NO PO7	SLIGHT (LOW PERATE (MED BTANTIAL (H CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 100 100	IUM) IGH) ON E TARGET M	SUBS MOE LOW MOE NO NO NO NO NO NO NO NO NO NO NO NO NO	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT		
2 3 0 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO RNAL MARKS	PO3 PO4 CO1 CO2 CO3 FO3 DEFIN F GREATER TH, ENTAGE WEIGHTAGE SET DMES	P05 C04 C02 VED ATTAINN AN OR EQUAL 1 FOR THE AS C01 100 100 0	P 5 100 100 0	06 S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100	мо SUS NC NC Ро7 = STUDENTS LEVEL 2 30-59 ССФ4 100	SLIGHT (LOW IERATE (MED BTANTIAL (H CORRELATI	IUM) IGH) ON E TARGET M	SUBS MOE LOW MOE NO NO NO NO NO NO NO NO NO NO NO NO NO	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		
2 3 0 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO RNAL MARKS	PO3 PO4 PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH, ENTAGE WEIGHTAGE SET DMES COURSE OUTCOME	P05 C04 C02 VED ATTAINN AN OR EQUAL 1 FOR THE AS C01 100 100 0	P 5 100 100 0	S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100 0	MOI SUS NO NO NO NO NO NO NO NO NO NO NO NO NO	SLIGHT (LOW PERATE (MED BTANTIAL (H CORRELAT) CORRELAT) SCORING TH LEVEL 3 60-89 CO5 100 0	E TARGET M	MOE MOE LOV NO MARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EP ALWAYS EP	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		
2 3 0 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO RNAL MARKS	P03 P04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C01 C02 C03 C01 C03 C03 C03 C03 C03 C03 C03 C03	P05 C04 C02 VED ATTAINN AN OR EQUAL 1 FOR THE AS C01 100 100 0	P 5 100 100 0	006 S.W.R.T.% Of LEVEL 1 10-29 TOOLS CO3 100 100 0 CO3 100 100 0 CO3 100 100 100 100 100 100 100 10	моі SUS NC SUS NC P07 СО4 100 100 0 СО4	SLIGHT (LOW JERATE (MEC BTANTIAL (H CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED	IUM) IGH) ON E TARGET M	MOE MOE LOV NO MARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EP ALWAYS EP	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		
2 3 0 0 0 0 0 0 0 0 0 0 0 0 0	P03 P04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C01 C02 C03 C01 C02 C03 C01 C02 C01 C03 C01 C03 C01 C03 C01 C03 C01 C03 C01 C03 C01 C03 C03 C01 C03 C03 C03 C03 C03 C03 C03 C03	P05 C04 C04 FOR THE AS C01 100 100 00 ATTAINMENT	Image: Second	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 TINAL CO ATTAINME NT	мої SUS NC Ро7 СО4 100 100 СО ТАRGET	SLIGHT (LOW ERATE (MED BTANTIAL (H CORRELATI CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100 100 0 100 100 7 ACHIEVE 7	E TARGET M	MOE MOE LOV NO MARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EP ALWAYS EP	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		
2 3 0 0 0 0 0 0 0 0 0 0 0 0 0	P03 P04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C01 C02 C03 C01 C03 C03 C03 C03 C03 C03 C03 C03	PO5 CO4 CO2 NED ATTAINN AN OR EQUAL 1 FOR THE AS CO1 100 0 ATTAINMENT SEE	Image: Second	006 S.W.R.T.% Of LEVEL 1 10-29 TOOLS CO3 100 100 0 CO3 100 100 0 CO3 100 100 100 100 100 100 100 10	моі SUS NC SUS NC P07 СО4 100 100 0 СО4	SLIGHT (LOW JERATE (MEC BTANTIAL (H CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED	E TARGET M	MOE MOE LOV NO MARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EP ALWAYS EP	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		
2 3 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 CO1 CO2 CO3	P05 C04 0 C02 FOR THE AS C01 100 100 0 ATTAINMENT SEE	TO TO SEESSEMNT CO2 100 100 0 100 0 100 100 0 100 100 100	CO6 SW.R.T % Of LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT 3.00	мої SUS NC Ро7 Ро7 Ро7 Ро7 Ро7 Ро7 Ро7 Ро7 Ро7 СО4 100 100 100 0 СО4 100 100 100 2.59	SLIGHT (LOW JERATE (MEC BTANTIAL (H CORRELATI CORRELATI SCORING TH LEVEL 3 60-89 CO5 100 100 0 CO5 TARGET ACHIEVED 2 Yes	E TARGET M	MOE MOE LOV NO MARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EP ALWAYS EP	CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISSURE THE TOTAL IS 100 %		



	COURSE OUTCOME A	TTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	





PROGRAM	FIRST YEAR I	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 1							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	College Projec	cts I						
COURSE CODE (AS PER MU)	BARP120							
			СОРО	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		тѕ	FINAL CO ATTAINMENT	со	CORRECTIVE	MEASURES	
C01		ents to recognize, ideate, and iterate structur part of design	al <b>2.00</b>				
CO2	structural syste	analytical understanding o ems and validating the sam al testing/ evaluation					
CO3	materials, their their mechanica systems. To en with various too	intuitive understanding of inherent properties, and al behaviour in structural able the students to work ols and instrument in order andle the assigned materi					
CO4	around them th that surrounds as they emerge structures. To a	alyze the spaces and object hat have shaped the world them and to evaluate then e from socio-economic apply these with respect to e and see themselves in th	1				
CO5	acts of design t	ese spaces and objects as that embody ideas and sciousness about their owr	2.00				
		Course-le	el PO Attainmer	nts			
PO1 Attainment		2.	00	PO5 Attainm	ent		2.00
PO2 Attainment		2.	00	PO6 Attainment			2.00
PO3 Attainment			00	PO7 Attainment			
PO4 Attainment		2.	00	PO8 Attainm	lent		2.00



	USM'S KAM	LA RAHEJA VIDYAN	IIDHI INSTI	TUTE FOR	R ARCHITEC	URE AND E	VIRONMENT	AL STUDIES	
			BACHE	LORS OF	ARCHITECT	JRE			
		COURSE O	JTCOME A	ND PROG	RAM OUTCO	ME ASSESS	MENT		
				COURSE	DETAILS				
PROGRAM					FIR	ST YEAR B-A	RCH		
ACADEMIC YEAR SEMESTER						2019-2020 SEM 1			
EXAMINATION SCHEME					Only	Sessionals (In	ternal)		
COURSE NAME (AS PER MU)						ollege Project			
COURSE CODE (AS PER MU) FACULTY			ach (Kauch	ile Anunco	D Coorgo C	BARP120	Architee turel	Theony (Koushik C	
FACULTY INCHARGE		D.1	ech (Kaush				Theory (Kaush	Theory (Kaushik, Sonik)	niai)
TOTAL MARKS						100		,	
				_					
CO. No.		COURSE	DUTCOM	E				RBT (REVISE	ED BLOOMS TAXONOMY)
C01	To enable students to recognize, conceptualize, ideate, and iterate structural systems as a part of design							roduce new or original work)	
CO2	To develop an analytical u	nderstanding of struc physical testi	tural systen ng/ evaluatio	ns and vali on	dating the sa	me through		L4 - Analyse (D	aw connections among ideas)
CO3	To develop an intuitive under behaviour in structural syster in order to s		udents to w	ork with va	rious tools ar			L2 - Understan	d (Explain ideas or concepts)
CO4	To critically analyze the surrounds them and to eva these with res	spaces and objects a luate them as they er pect to how they loca	nerge from	socio-ecor	nomic structur	es. To apply		L4 - Analyse (D	aw connections among ideas)
CO5	To evaluate these space	es and objects as acts onsciousness about th	s of design t neir own act	that emboo	dy ideas and o	levelop a		L3 - Apply (Use	information in new situations)
CO. No	PO1	MAPPING OI PO2 PO		OUTCOM PO4		GRAM OUTC PO6	OMES PO7	PO8	CO AVERAGE
CO. No CO1	P01	PO2 P0		PO4 0	PO5 3	PO6 3	P07 3	PO8 0	CO AVERAGE 2.67
CO2	1	3		0	0	1	3	2	2.17
CO3	0	2	3	0	0	1	3	0	2.25
CO4	2	0		3	3	3	3	1	2.50
CO5 PO AVERAGE	2	0 2.67 3.		3 3.00	3	3 2.20	3 3.00	1 1.50	2.50
POAVERAGE	1.50	2.67 3.	00	3.00	3.00	2.20	3.00	1.50	
1 2						SLIGHT (LOW DERATE (MED			
3					SUS	BTANTIAL (H	IGH)		
0					NC	CORRELATI	ON		
3	CO PO MAPPIN	G							TANTIAL
2 1	P03 P04 C01 C02 C03	P05 C04 C05	P06	• • • • • • •	207			row	CORRELATION
2 1	CO1 CO2 CO3		EVELS W.I			SCORING THI	E TARGET MA	Iow	
	CO1 CO2 CO3	CO4 CO5	EVELS W.I	R.T % OF	STUDENTS		% OF STUDE	Iow	CORRELATION
TOOLS INTERNAL MARKS	CO1 CO2 CO3	CO4 CO5	EVELS W.I	R.T % OF EVEL 1 10-29	STUDENTS S	LEVEL 3	% OF STUDE	ICM	CORRELATION TARGET MARKS
TOOLS INTERNAL MARKS PERC COURSE OUTCO	CO1 CO2 CO3 DEFI IF GREATER THA SENTAGE WEIGHTAGE SET	CO4 CO5	EVELS W.I	R.T % OF EVEL 1 10-29 _S CO3	STUDENTS S LEVEL 2 30-59 CO4	LEVEL 3 60-89 CO5	% OF STUDE	LOW	TARGET MARKS 75 BE DECIDED AS PER SUBJECT
TOOLS INTERNAL MARKS PERC	CO1 CO2 CO3 DEFI IF GREATER THA SENTAGE WEIGHTAGE SET	CO4 CO5	EVELS W.I	R.T % OF EVEL 1 10-29 _S	STUDENTS S LEVEL 2 30-59	LEVEL 3 60-89	% OF STUDE	LOW	CORRELATION TARGET MARKS 75



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
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	
FINAL CO ATTAINMENT			co /	ATTAINTMENT			
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
ACOLOGNILITI (INTERNAL)							
1	1	.25	221 - 222		1.5		1.75 2
			001 002	CO3 CO	04 <b>C</b> U5		

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PROGRAM	FIRST YEAR E								
	FIRST TEAR	5-ARCH							
YEAR	2019-2020								
SEMESTER	SEM 2								
EXAMINATION SCHEME	Only Sessiona	ls (Internal)							
COURSE NAME									
(AS PER MU)	Architectural D	esign Studio 2	2						
COURSE CODE (AS PER MU)	BARC201								
			СОРО	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 Att	ainments					
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	cc	CORRECTIV	'E MEASURE	S	
CO1	To read and a	nalyze context	for design.	2.00					
CO2	To understand artistic practice spatial concep	e outside of arc		2.00					
CO3	To conceptuali process throug a response to	ıh, drawings a		2.00	There can b approach to	e a more ope design proce			
CO4	To create/authors design response			2.00	There can be a more open and accomodating approach to design process in the beginning.				
CO5	To apply techn representation and models.			2.00			I		
			Course-level	PO Attainmer	nts				
PO1 Attainment			2.00		PO5 Attainn	nent		2.00	
PO2 Attainment			2.00		PO6 Attainn			2.00	
PO3 Attainment			2.00		PO7 Attainn	nent		2.00	
PO4 Attainment			2.00		PO8 Attainn	nent		2.00	



							NVIRONMENT		
			BAG	CHELORS OF	ARCHITECT	JRE			
		COUR	SE OUTCON	IE AND PROC	RAM OUTCO	ME ASSESS	MENT		
DDCCDAN				COURSE	DETAILS		DOLL		
PROGRAM ACADEMIC YEAR					FIR	ST YEAR B-A 2019-2020	RCH		
SEMESTER						SEM 2			
EXAMINATION SCHEME COURSE NAME (AS PER MU)					Only	Sessionals (In ctural Design	ternal)		
COURSE NAME (AS PER MU)						BARC201			
FACULTY		A	Ainsley, Nikhi	I, Shraddha, A			isbah, Sonal Sa	an. TA: Smriti, Ai	shwarya
FACULTY INCHARGE TOTAL MARKS						Ainsley Lewis 150	3		
CO. No.		COLLE		OME					
CO1	COURSE OUTCOME         RBT (REVISED BLOOMS TAXONOMY           To read and analyze context for design.         L4 - Analyse (Draw connections among idea								
CO2	To understand and transla	ate concepts in	n artistic prac concepts.	tice outside of	architecture in	to spatial		L2 - Understar	nd (Explain ideas or concepts)
CO3	To conceptualize and develo	p a design pro	cess through context.	i, drawings ar	d models as a	response to		L5 - Evaluate	(Justify a stand or decision)
CO4	To create/auth	or an original i	individual des	sign response	or final work.			L6 - Create (F	Produce new or original work)
CO5	To apply techniques of	spatial represe	entation in the	e form of final	drawings and	models.		L3 - Apply (Use	information in new situations)
CO. No	PO1	PO2	NG OF COUF PO3	RSE OUTCON PO4	IES AND PRO PO5	GRAM OUTO 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
	2 2 2	3 3 3		3 2 2	2 0 0	1 2 1	1 2 2	2 2 2	2.13 2.14 2.00
CO3 CO4 CO5 PO AVERAGE	2	3 3 <b>2.80</b>	3 2 2 2.60	2 2 <b>2.20</b>	0 0 <b>2.00</b>	2 1 <b>1.60</b>	2 2 <b>2.00</b>	2	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2	3 3 <b>2.80</b>	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 2.00 mapping of th EVELS FOR I	2 1 1.60 Ne site as a fire POS	2 2.00 eld ofsocio-ec	2 2 <b>2.00</b>	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2	3 3 <b>2.80</b>	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 2.00 mapping of the EVELS FOR I	2 1 1.60 Pos SLIGHT (LOW	2 2.00 eld ofsocio-ec	2 2 <b>2.00</b>	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2	2 2	3 3 <b>2.80</b>	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I	2 1 1.60 Pos SLIGHT (LOW DERATE (MEL	2 2 2.00 eld ofsocio-ec /)	2 2 <b>2.00</b>	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2	3 3 <b>2.80</b>	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2 <b>2.00</b>	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	2 2	3 3 <b>2.80</b>	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 Pos SLIGHT (LOW DERATE (MEL	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2 <b>2.00</b>	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	2 2	3 3 2.80 Projects o	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f	2.14 2.00 orces that affect
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	2 2 2.20	3 3 2.80 Projects o	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f	2.14 2.00
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	2 2 2.20	3 3 2.80 Projects o	3 2 2.60 could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f	2.14 2.00 Corces that affect
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3 0	2 2 2.20	3 3 2.80 Projects o	3 2 2.60 could encou	2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f SUB: SUB: MOT	2.14 2.00 Corces that affect
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution		3 3 2.80 Projects (	3 2 2.60 Could encou	2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS MOD SUS	2 1 1.60 POS BLIGHT (LOW DERATE (MED DERATE (MED	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f SUB: SUB: MOT	2.14 2.00 orces that affect STANTIAL DERATE
CO3         CO4           CO6         PO AVERAGE           Conclusion and Resolution         1           1         2           3         0           PO AVERAGE         PO2	2 2 2.20	3 3 2.80 Projects of 5 5 5 CO4 CO5	3 2 2.60 could encou	2 2 2.20 rrage a basic RRELATION I	0 0 2.00 mapping of th EVELS FOR I SUS MOD SUS NC	2 1 1.60 POS SLIGHT (LOW DERATE (MEL BTANTIAL (H CORRELAT CORRELAT CORRELAT SCORING TH	2 2.00 eld ofsocio-ec /) DIUM) IIGH)	2 2.00 onomic, cultural f 	2.14 2.00 orces that affect STANTIAL DERATE V CORRELATION
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2 2.20	3 3 2.80 Projects of 3 3 5 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	3 2 2.60 Could encou	2 2 2.20 rrage a basic	0 0 2.00 mapping of th EVELS FOR I SUS NOC SUS NC	2 1 1.60 POS SLIGHT (LOW DERATE (MEL BTANTIAL (F CORRELAT	2 2 2.00 eld ofsocio-ec // //) DIUM) IIGH) ION E TARGET MA	2 2.00 onomic, cultural f 	2.14 2.00 orces that affect STANTIAL DERATE



	PERCENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT 1	OOLS					
	RSE OUTCOMES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT		
NTERNAL 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 ATTAINME NT	CO 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			
FINAL CO ATTAINMENT CEFB SEE			co /	ATTAINTMENT					
ASSESSMENT (INTERNAL)									



YEAR         2019-2020         Semestree         Se		FIRST YEAR	B-ARCH						
EXAMINATION SCHEIME (AS PER MU)         Only Sessionals (Internal)         Image: Internal (Internal)		2019-2020							
SCHEME         Only Sessionals (Internal)         Image: Internal (I	SEMESTER	SEM 2							
Allied Design Studio 2         Allied Design Studio 2           COURSE CODE (AS PER MU)         BARC202         Image: COURSE CODE (AS PER MU)         BARC202         Image: COURSE CODE (AS PER MU)         BARC202         Image: COURSE CODE (AS PER MU)         Image: COURSE CODE (AS PER MU)<		Only Sessiona	als (Internal)						
(AS PER MU)         BARC202           Image: Barce of the second seco		Allied Design	Studio 2						
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         3         2           CO6         CO STATEMENTS         FINAL CO ATTAINMENT         CO CORRECTIVE MEASURES         Setting a maximum scale for the projects may help.           CO1         Projects and and analyse their own experience of space and context         3.00         Projects can be more complex         To understand and analyse the qualities of material and form through material and formal experiments.         3.00         Projects can be more complex         Image: Spatial trepresentations.         To oreate/author an original individual work.         3.00         South can be more complex         Image: Spatial trepresentations.         To oreate/author an original individual work. <th></th> <th>BARC202</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		BARC202							
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         3         2           CO6         CO STATEMENTS         FINAL CO ATTAINMENT         CO CORRECTIVE MEASURES         Setting a maximum scale for the projects may help.           CO1         Projects and and analyse their own experience of space and context         3.00         Projects can be more complex         To understand and analyse the qualities of material and form through material and formal experiments.         3.00         Projects can be more complex         Image: Spatial trepresentations.         To oreate/author an original individual work.         3.00         South can be more complex         Image: Spatial trepresentations.         To oreate/author an original individual work. <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
CO1         1         3         3         1         0         1         1         0           CO2         1         3         3         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         1         0         0         0         1         1         0         0         0         1         1         0         0         0         1         1         1         0         0         0         0         1         1         1         0         0         0         1         1         1         0         0         0         1         1         1         0         0         1         1         1         0         1         0         1         1         1         0         0         1         1         1         0         1         1         1         0         1         1         0         1         1         1 <th></th> <th></th> <th></th> <th>СОРО</th> <th></th> <th></th> <th></th> <th></th>				СОРО					
CO1         1         3         3         1         0         1         1         0           CO2         1         3         3         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         1         0         0         0         1         1         0         0         0         1         1         0         0         0         1         1         1         0         0         0         0         1         1         1         0         0         0         1         1         1         0         0         0         1         1         1         0         0         1         1         1         0         1         0         1         1         1         0         0         1         1         1         0         1         1         1         0         1         1         0         1         1         1 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
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         2           CO5         2         2         2         0         0         0         0         3         2           CO5         2         2         2         0         0         0         0         3         3         2           CO         CO STATEMENTS         FINAL CO ATTAINMENT         CO CORRECTIVE MEASURES         Setting a maximum scale for the projects may help.         5	CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
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         2           CO Katainments           CO Attainments           To understand and analyse their own experience of space and context         3.00         Setting a maximum scale for the projects may help.           To understand and analyse the qualities of material and form through an iterative design process         3.00         Projects can be more complex         U           CO4         Work.         3.00         Projects can be more complex         U         U           CO4         Work.         3.00         Projects can be more complex         U         U <t< th=""><th>CO1</th><th>1</th><th>3</th><th>3</th><th>1</th><th>0</th><th>1</th><th>1</th><th>0</th></t<>	CO1	1	3	3	1	0	1	1	0
CO423300032CO522200003CO AttainmentsCO AttainmentsCO AttainmentsCO STATEMENTSFINAL CO ATTAINMENTCO CORRECTIVE MEASURESCO. NoCO STATEMENTSFINAL CO ATTAINMENTCO CORRECTIVE MEASURESCO1To understand and analyse their own experience of space and context3.00Setting a maximum scale for the projects may help.To understand the expressive and narrative possibilities of drawing as spatial representations.3.00Projects can be more complexSetting a maximum scale for the projects may help.To understand and analyse the qualities of material and form through material and formal experiments.3.00Projects can be more complexSetting a help.CO4To create/author an original individual work.3.003.00Setting a help.Setting a help.CO5To evaluate their work through an iterative design process3.003.00Setting a help.Setting a help.CO5To evaluate their work through an iterative design process3.00Setting a help.Setting a help.Setting a help.CO5To evaluate their work through an iterative design process3.00Setting a help.Setting a help.Setting a help.CO5To evaluate their work through an iterative design process3.00Setting a help.Sett	CO2	1	3	3	0	1	0	1	0
CO5       2       2       2       0       0       0       0       3         CO Attainments         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.       Sate of the more complex       Setting a maximum scale for the projects can be more complex         CO2       To understand and analyse the qualities of material and form through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3">Course-level PO Attainments         CO4       To evaluate their work through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3">Image: Course-level PO Attainments         CO3       To evaluate their work through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3"         Image:	CO3	2	3	3	0	0	0	1	1
CO5       2       2       2       0       0       0       0       3         CO Attainments         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.       Sate of the more complex       Setting a maximum scale for the projects can be more complex         CO2       To understand and analyse the qualities of material and form through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3">Course-level PO Attainments         CO4       To evaluate their work through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3">Image: Course-level PO Attainments         CO3       To evaluate their work through an iterative design process       3.00       Image: Colspan="3">Image: Colspan="3"         Image:	CO4	2	3	3	0	0	0	3	2
CO. No       CO STATEMENTS       FINAL CO ATTAINMENT       CO CORRECTIVE MEASURES         To understand and analyse their own experience of space and context       3.00       Setting a maximum scale for the projects may help.         To understand the expressive and narrative possibilities of drawing as spatial representations.       To understand the expressive and narrative possibilities of drawing as spatial representations.       Betting a maximum scale for the projects may help.         To understand and analyse the qualities of material and form through material and formal experiments.       To understand and analyse the qualities of material and form through material and formal experiments.       Betting a maximum scale for the projects can be more complex         CO4       To create/author an original individual work.       3.00       Projects can be more complex         To evaluate their work through an iterative design process       3.00       Image: Setting a maximum scale of the projects can be more complex         CO5       To evaluate their work through an iterative design process       3.00       Image: Setting a maximum scale of the projects can be more complex         CO5       To evaluate their work through an iterative design process       3.00       Image: Setting a maximum scale of the projects can be more complex         CO5       To evaluate their work through an iterative design process       3.00       Image: Setting a maximum scale of the projects can be more complex         CO5       To evaluate their work throug		2	2	2	0	0	0	-	3
CO. No       CO STATEMENTS       FINAL CO ATTAINMENT       CO CORRECTIVE MEASURES         To understand and analyse their own experience of space and context       3.00       Setting a maximum scale for the projects may help.         To understand the expressive and narrative possibilities of drawing as spatial representations.       Setting a maximum scale for the projects may help.         C02       To understand the expressive and narrative possibilities of drawing as spatial representations.       Projects can be more complex         To understand and analyse the qualities of material and form through material and formal experiments.       3.00       Projects can be more complex         C03       To create/author an original individual work.       3.00       Image: Complex individual sold         C04       To evaluate their work through an iterative design process       3.00       Image: Complex individual sold       Image: Complex individual sold         C05       To evaluate their work through an iterative design process       3.00       Image: Complex individual sold       Image: Complex inditerative sold		_			•		-		-
CO. No       CO STATEMENTS       FINAL CO ATTAINMENT       CO CORRECTIVE MEASURES         To understand and analyse their own experience of space and context       3.00       Setting a maximum scale for the projects may help.         To understand the expressive and narrative possibilities of drawing as spatial representations.       Setting a maximum scale for the projects may help.         C02       To understand the expressive and narrative possibilities of drawing as spatial representations.       Projects can be more complex         To understand and analyse the qualities of material and form through material and formal experiments.       3.00       Projects can be more complex         C03       To create/author an original individual work.       3.00       Image: Complex individual sold         C04       To evaluate their work through an iterative design process       3.00       Image: Complex individual sold       Image: Complex individual sold         C05       To evaluate their work through an iterative design process       3.00       Image: Complex individual sold       Image: Complex inditerative sold				CO 4#	ainmonto				
CO. No       CO STATEMENTS       ATTAINMENT       CO CORRECTIVE MEASURES         To understand and analyse their own experience of space and context       3.00       Setting a maximum scale for the projects may help.         C01       To understand the expressive and narrative possibilities of drawing as spatial representations.       3.00       Projects can be more complex         C02       To understand and analyse the qualities of material and form through material and form through material and formal experiments.       3.00       Projects can be more complex         C03       To create/author an original individual work.       3.00       Setting a maximum scale for the projects can be more complex         C04       To create/author an original individual work.       3.00       Setting a maximum scale for the projects can be more complex         C05       To evaluate their work through an iterative design process       3.00       Image: project complex       Image: project complex         C05       To evaluate their work through an iterative design process       3.00       Image: project complex       Image: project complex         PO1 Attainment       3.00       PO5 Attainment       3.00				CUAI	1	1			
CO1       experience of space and context       3.00       help.         To understand the expressive and narrative possibilities of drawing as spatial representations.       Solo       Projects can be more complex         CO2       To understand and analyse the qualities of material and form through material and form through material and formal experiments.       Solo       Projects can be more complex         CO3       To create/author an original individual work.       3.00       Projects can be more complex       Solo         CO4       To create/author an original individual work.       3.00       Solo       Solo       Solo         CO5       To evaluate their work through an iterative design process       3.00       Solo       Solo       Solo         CO4       To evaluate their work through an iterative design process       3.00       PO5 Attainment       Solo	CO. No	CO STATEMEN	ITS		-	со	CORRECTI	/E MEASURI	ES
CO1       experience of space and context       3.00       help.         To understand the expressive and narrative possibilities of drawing as spatial representations.       Solo       Projects can be more complex         CO2       To understand and analyse the qualities of material and form through material and form through material and formal experiments.       Solo       Projects can be more complex         CO3       To create/author an original individual work.       3.00       Projects can be more complex       Solo         CO4       To create/author an original individual work.       3.00       Solo       Solo       Solo         CO5       To evaluate their work through an iterative design process       3.00       Solo       Solo       Solo         CO4       To evaluate their work through an iterative design process       3.00       PO5 Attainment       Solo		To understand	and analyse t	heir own		Setting a ma	ximum scal	e for the pro	piects may
narrative possibilities of drawing as spatial representations.       3.00       Projects can be more complex         CO2       To understand and analyse the qualities of material and form through material and form through material and form through material and formal experiments.       3.00       Projects can be more complex         CO3       To understand and analyse the qualities of material and form through material and form through material and form through material and form through material and material and formal experiments.       3.00       Image: CO3	CO1				3.00			- · · · · · · · · · · · · · · ·	.j
To understand and analyse the qualities of material and form through material and form through material and formal experiments.       3.00         CO3       To create/author an original individual work.       3.00         CO4       To evaluate their work through an iterative design process       3.00         CO5       To evaluate their work through an iterative design process       3.00         CO5       To evaluate their work through an iterative design process       3.00         CO4       Course-level PO Attainments       PO5 Attainment       3.00	CO2	narrative poss	ibilities of draw		3.00	Projects can	be more co	mplex	
CO4     work.     3.00       To evaluate their work through an iterative design process     3.00       CO5     To evaluate their work through an iterative design process     3.00       CO5     Course-level PO Attainments       PO1 Attainment     3.00	CO3	material and for	orm through m		3.00				
CO5       iterative design process       3.00         Course-level PO Attainments         PO1 Attainment       PO5 Attainment       3.00	CO4		hor an original	individual	3.00				
PO1 Attainment 3.00 PO5 Attainment 3.00	CO5			gh an	3.00				
PO1 Attainment 3.00 PO5 Attainment 3.00									
				Course-level	PO Attainme	nts			
	PO1 Attainment			3.00		PO5 Attainn	nent		3.00
PO2 Attainment 3.00 PO6 Attainment 3.00	PO2 Attainment			3.00		PO6 Attainn	nent		3.00
PO3 Attainment 3.00 PO7 Attainment 3.00	PO3 Attainment			3.00		PO7 Attainn	nent		3.00
	PO4 Attainment								3.00

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**BARC 202** 



	USM'S KAMI	A RAHE IA V			2 ARCHITEC	IURE AND E	NVIRONMENT						
				HELORS OF									
		COUR					MENT						
				COURSE	DETAILS								
PROGRAM						ST YEAR B-A	RCH						
ACADEMIC YEAR SEMESTER						2019-2020 SEM 2							
EXAMINATION SCHEME					Only	SEM 2 Sessionals (Ir	ternal)						
COURSE NAME (AS PER MU)						ed Design Stu							
COURSE CODE (AS PER MU)						BARC202							
FACULTY FACULTY INCHARGE				Kausik N	l, Misbah H, F	ratyusha S, S Kausik M	onal S, Kruti H	, Mansi B					
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)												
	To understand the expressive and narrative possibilities of drawing as spatial representations.          L3 - Apply (Use information in new situations)         To understand and analyse the qualities of material and form through material and formal												
CO3	To understand and analy		es of material a experiments.	and form throu	gh material a	nd formal		L5 - Evaluate	(Justify a stand or decision)				
CO4	Та	o create/autho	or an original i	ndividual work	-			L6 - Create (P	roduce new or original work)				
CO5	To evalu	ate their work	through an ite	erative design	process			L5 - Evaluate	(Justify a stand or decision)				
						ODAN OUT	OMES						
CO. No	PO1	PO2	NG OF COUF PO3	PO4	ES AND PRO PO5	GRAM OUTO PO6	PO7	PO8	CO AVERAGE				
C01	1	3	3	1	0	1	1	0	1.67				
				0	1	(	1	0	1.80				
CO2	1	3	3										
CO3	1	3	3	0	0	(	1	1	2.00				
CO3 CO4	2	3	3	0	0	0	3	1	2.00 2.60				
CO3	2 2 2 1.60	3 3 2 <b>2.80</b>	3 3 2 <b>2.80</b>	0 0 1.00	0 0 1.00	0 0 1.00	0 0 1.50	1 2 3 1.50 sing and unfamiliar e	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2 2 1.60	3 3 2 <b>2.80</b>	3 2 2.80	0 0 1.00	0 0 1.00 the self as a r EVELS FOR	1.00 node of enqui	0 1.50 ry into challeng	1.50	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2 2 1.60	3 3 2 <b>2.80</b>	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1.50 ry into challeng	1.50	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2	2 2 2 1.60	3 3 2 <b>2.80</b>	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR MOI	0 ( 1.00 node of enqui POS SLIGHT (LOV DERATE (MEI	3 0 1.50 ry into challeng	1.50	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	2 2 2 1.60	3 3 2 <b>2.80</b>	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR MOI	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 1.50 ry into challeng	1.50	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2	2 2 2 1.60	3 3 2 <b>2.80</b>	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR MOI SUS	0 ( 1.00 node of enqui POS SLIGHT (LOV DERATE (MEI	3 0 <b>1.50</b> ry into challeng /) DIUM)	1.50	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	2 2 2 1.60	3 3 2 2.80 e with much n	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR MOI SUS	OCTION 1.00 1.00 1.00 POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	3 0 <b>1.50</b> ry into challeng /) DIUM)	1.50 jing and unfamiliar e	2.00 2.60 2.25				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution 1 2 3	1.60 he second term must engage	3 3 2 2.80 e with much n	3 2 2.80	0 0 <b>1.00</b> ty- go beyond	0 0 1.00 the self as a r EVELS FOR MOI SUS	OCTION 1.00 1.00 1.00 POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	3 0 <b>1.50</b> ry into challeng /) DIUM)	1.50 jing and unfamiliar e SUBS MOD	2.00 2.60 2.25 Invironments to achieve more pedagogic object STANTIAL DERATE				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	CO PO MAPPIN	G CO4 CO5	3 3 2 2.80 nore complexi COF	0 0 1.00 ty- go beyond RRELATION L	0 0 1.00 the self as a r EVELS FOR MOI SUS NO	I.00 node of enqui POS SLIGHT (LOV DERATE (MEI BTANTIAL (H D CORRELAT	3 0 <b>1.50</b> ry into challeng /) DIUM)	1.50 jing and unfamiliar e SUBS MOE MOE	2.00 2.60 2.25 Invironments to achieve more pedagogic objection STANTIAL DERATE V CORRELATION				
CO3 CO4 CO5 PO AVERAGE Conclusion and Resolution	CO PO MAPPIN	G CO4 CO5	3 3 2 2.80 nore complexi COF	0 0 1.00 ty- go beyond RRELATION L	0 0 1.00 EVELS FOR MOI SUS NO	I.00 node of enqui POS SLIGHT (LOV DERATE (MEI SBTANTIAL (F CORRELAT	3 0 1.50 ry into challeng (/) DIUM) HIGH) HON	1.50 jing and unfamiliar e SUBS MOE MOE	2.00 2.60 2.25 Invironments to achieve more pedagogic objection stantial				



	PERCE	NTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT 1	TOOLS			1	
CO	URSE OUTCOM	/IES	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 FEEDBAC	K SURVEY		0	0	0	0	0	ALWAYS ENSURE THE TOTAL IS 100 %	
		COURSE OUTCOME A	ATTAINMENT	LEVELS					
CO NO		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures	
CO1		3		-	3.00	2	Yes		
CO2		3		-	3.00	2.5	Yes	More lecture presentations. Showing physical works rather than images.	
CO3		3		-	3.00	2	Yes		
CO4		3		-	3.00	2.5	Yes	Setting a maximum scale for the projects may help.	
CO5		3		-	3.00	2.5	Yes	Projects can be more complex	
FINAL CO ATTAINMENT CEFB SEE				co /	ATTAINTMENT				
ASSESSMENT (INTERNAL)									
1		1.	5			2		2.5 3	
CO1 CO2 CO3 CO4 CO5									

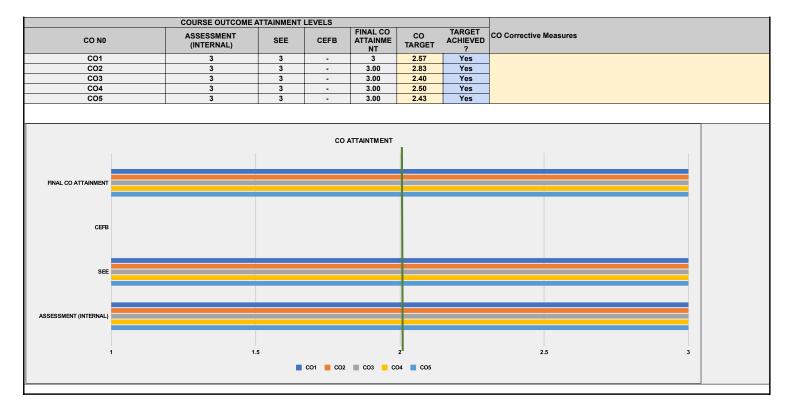


PROGRAM	FIRST YEAR I	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theoi	ry (Exam)					
COURSE NAME (AS PER MU)	Architectural B	Building Constr	uction & Materia	als 2				
COURSE CODE (AS PER MU)	BARC203							
			СОРО	Mapping				
CO. No	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 4 <del>11</del>	ainments				
				FINAL CO				
CO. No	CO STATEMEN	-		ATTAINMENT	cc	CORRECTI	/E MEASURE	ES
CO1	Understanding elements in a			3.00				
CO2	Understand m characteristics with the same materials and	, costs, dimens material as we	sions, joinery ell as other	3.00				
CO3	Analytical under and the articul systems			3.00				
CO4	experiential re	o achieve simila quirements	ar tectonic and	3.00				
CO5	Evaluation of s materials throu hands-on expe	ugh drawing pla		3.00				
			Course-level	PO Attainmer	nts			
PO1 Attainment			3.00		PO5 Attainn	nent		3.00
PO2 Attainment			3.00		PO6 Attainn			3.00
PO3 Attainment			3.00		PO7 Attainn	nent		3.00
PO4 Attainment			3.00		PO8 Attainn	nent		3.00



	USM'S KAM	LA RAHEJA	VIDYANIDHI II	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES				
				CHELORS OF								
		cou		ME AND PROC	GRAM OUTCO	ME ASSESS	MENT					
PROGRAM				COURSE	DETAILS	ST YEAR B-A	RCH					
ACADEMIC YEAR						2019-2020						
SEMESTER EXAMINATION SCHEME					Sessionals	SEM 2 (Internal) + Th	eory (Exam)					
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)				Ar	chitectural Bui	Iding Construct BARC203	tion & Material	s 2				
FACULTY			M	amta Patwardi	han, Ainsley Le	ewis, Ankush C		aeya Vandrewala				
FACULTY INCHARGE TOTAL MARKS	Ainsley Lewis 150											
	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)											
CO. No.												
C01	Understanding	nd (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 understandi	ng of the hier	archy and the a	articulation of 1	limber framed	systems		L4 - Analyse (D	raw connections among ideas)			
CO4	Ability to imagine alternate r	materials that	can be used to requirements	o achieve simil	lar tectonic and	d experiential		L6 - Create (P	Produce new or original work)			
CO5	Evaluation of structura	al articulation	of materials th experiments	rough drawing	plates and ha	nds-on		L3 - Apply (Use	information in new situations)			
CO. No	PO1	MAPP PO2	PING OF COU PO3	RSE OUTCON PO4	NES AND PRO	GRAM OUTC	OMES PO7	PO8	CO AVERAGE			
CO1	2	3	3	0	2	3	3	2	2.57			
CO2 CO3	3	3	3	0	0	3	3	2	2.83 2.40			
CO4	3	3	3	0	0	2	3	1	2.50			
CO5 PO AVERAGE	3 2.60	3 3.00	3	1 1.00	3 2.50	1 2.00	3 3.00	0 1.67	2.43			
Conclusion and Resolution		Irse outcome	es of the subje	ect are aligne	d with the 8 P	Os. The cours	se requires to	address socio-cul	tural systems and theoretical concepts in co			
				RRELATION					I that surrounds us			
1						SLIGHT (LOW	/)					
2					MO	DERATE (MEC	DIUM)					
3					SUS	SBTANTIAL (H	ligh)					
0					NC	) CORRELATI	ON					
	CO PO MAPPIN	IG										
3									STANTIAL			
2					·······			MOL	DERATE			
1	▋							LOV	v			
								NO	CORRELATION			
PO1 PO2	PO3 PO4 CO1 CO2 CO3	P05 C04 CC		D6	P07							
TOOLS	DEFI	NED ATTAIN	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING THI	E TARGET MA	RKS	TARGET MARKS			
SEE	IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE											
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE 46											
							, т 1	ANGEI				
PERC COURSE OUTCO	ENTAGE WEIGHTAGE SET	FOR THE AS	SSESSEMNT 1 CO2	CO1S	CO4	CO5		WEIGHTAGE CAN	N BE DECIDED AS PER SUBJECT			
ITERNAL MARKS		55	40	30	70	50			NSURE THE TOTAL IS 100 %			
EE IRECT METHOD		45 100	60 100	70 100	30 100	50 100		ALMANCE	NSURE THE TOTAL IS 100 %			
OURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALWAYS E	NSURE THE TOTAL IS 100 %			







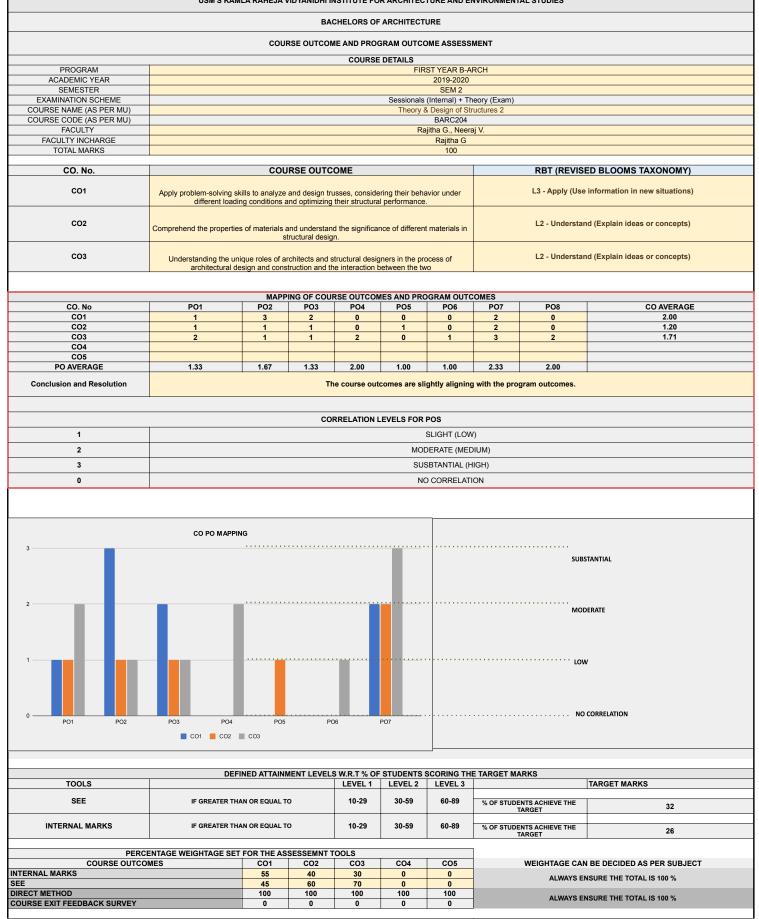
PROGRAM	FIRST YEAR I	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theor	y (Exam)					
COURSE NAME (AS PER MU)	Theory & Desi	gn of Structure	es 2					
COURSE CODE (AS PER MU)	BARC204							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	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 Att	tainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	cc	) CORRECTIV	'E MEASURE	S
CO1	Apply problem design trusses under different optimizing thei	, considering the loading condit	heir behavior tions and	2.45	Make the task less complex			
CO2	Comprehend t and understan materials in str	d the significar	nce of different	2.60	Set goals for the course a bit higher			
CO3	Understanding architects and process of arc construction an the two	structural designation	gners in the on and	2.70	Method of the task needs to be revised			
			Course-level	PO Attainmen	ts			
PO1 Attainment			2.61		PO5 Attainn	nent		2.60
PO2 Attainment			2.53		PO6 Attainn	nent		2.70
PO3 Attainment			2.55		PO7 Attainn	nent		2.60
PO4 Attainment			2.70		PO8 Attainn	nent		2.70



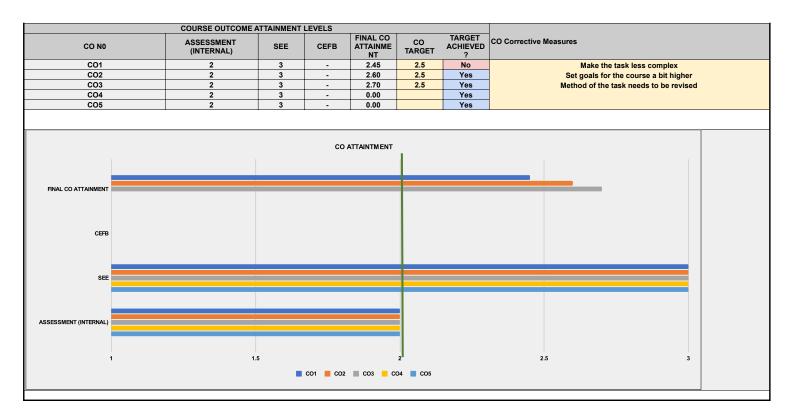
# USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

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

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PROGRAM	FIRST YEAR E	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theoi	rv (Exam)					
COURSE NAME (AS PER MU)	Humanities 2	,	5 ( )					
COURSE CODE (AS PER MU)	BARC205							
			СОРО	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
	I		CO Att	ainments	1			
CO. No	CO STATEMEN	тѕ		FINAL CO ATTAINMENT	cc		/E MEASURE	S
CO1	Understanding defining and de society.			2.00				
CO2	Evaluating the through the ag of production.			1.80	Will create smaller reading exercises for easi understanding.			
CO3	Understanding defining and de society.			2.00				
			Course-level	PO Attainmen	Its			
PO1 Attainment			2.00		PO5 Attainm	nent		2.00
PO2 Attainment			2.00		PO6 Attainm			1.95
PO3 Attainment			2.00		PO7 Attainm			1.93
PO4 Attainment			1.97		PO8 Attainm	nent		1.91



	USM'S KAM			NSTITUTE FO			NVIRONMENTAL	STUDIES					
				CHELORS OF									
		cou		ME AND PRO			MENT						
					DETAILS								
PROGRAM						ST YEAR B-A	RCH						
ACADEMIC YEAR SEMESTER						2019-2020 SEM 2							
EXAMINATION SCHEME COURSE NAME (AS PER MU)					Sessionals	(Internal) + Th Humanities 2							
COURSE CODE (AS PER MU)		BARC205 Ginella George, Sarah George Ginella George, Sarah George											
FACULTY FACULTY INCHARGE													
TOTAL MARKS		Ginella George 100											
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)												
CO1	Understanding the ro	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 t	hrough the ag	rarian and mer	cantile mode	of production.		L5 - Evaluate	(Justify a stand or decision)				
CO3	Understanding the ro	le of religion i	n defining and	I determining th	e culture of a	society.		L2 - Understan	d (Explain ideas or concepts)				
00 H	504												
CO. No CO1	PO1 0	PO2 2	PO3	PO4 3	PO5 0	PO6 0	P07 3	PO8 3	CO AVERAGE 2.40				
CO2	0	0	0	1	0	1	3	3	2.00				
CO3 PO AVERAGE	2	1	2	3 2.33	1	3 2.00	3 3.00	2.33	2.00				
Conclusion and Resolution							ate resolution.						
			co	RRELATION	EVELS FOR	POS							
1						SLIGHT (LOW	/)						
2					MO	DERATE (MED	DIUM)						
3					SU	SBTANTIAL (H	ligh)						
0		SUSBTANTIAL (HIGH)											
					N	O CORRELATI	ON						
					N	D CORRELATI	ON						
3	CO PO MAPPIN				N		ON						
2	CO PO MAPPIN				N			SUBS	TANTIAL				
2								SUBS	erate				
	CO PO MAPPIN				N			SUBS	JERATE				
2 1 0 PO1 PO2	P03 P04	P05	P	06 S W.R.T % OF	P07	SCORING THI		SUBS MOD LOW	erate / Correlation				
2	P03 P04	P05	P	08	P07			SUBS MOD LOW	JERATE				
2 1 0 	P03 P04	P05 C03	P MENT LEVEL	06 S W.R.T % OF	P07	SCORING THI		SUBS MOD LOW NO	erate / Correlation				
2 1 0 P01 P02 TOOLS	P03 P04	PO5 CO3 NED ATTAINI	MENT LEVEL	06 S W.R.T % OF LEVEL 1	P07  STUDENTS LEVEL 2	SCORING THI	E TARGET MARK	SUBS MOD LOW NO KS S ACHIEVE THE IGET	CORRELATION				
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 DEFI	PO5 CO3 NED ATTAINI N OR EQUAL T	MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29 10-29	P07 STUDENTS LEVEL 2 30-59	SCORING THI LEVEL 3 60-89	E TARGET MARK	SUBS MOD LOW NO KS S ACHIEVE THE IGET	ERATE CORRELATION TARGET MARKS 34				
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C02 F03 P04 F03 P04 F04 F04 F04 F04 F04 F04 F04 F04 F04 F	PO5 CO3 NED ATTAINI N OR EQUAL T N OR EQUAL T FOR THE AS CO1	P MENT LEVEL TO TO SESSEMNT T CO2	06 S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	P07 STUDENTS LEVEL 2 30-59 30-59 CO4	SCORING THI LEVEL 3 60-89 60-89 CO5	E TARGET MARK	SUBS MOD LOW NO KS SACHIEVE THE GET S ACHIEVE THE GET	ERATE CORRELATION TARGET MARKS 34				
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C02 F03 P04 F03 P04 F04 F04 F04 F04 F04 F04 F04 F04 F04 F	PO5 CO3 NED ATTAINI N OR EQUAL T N OR EQUAL T FOR THE AS CO1 30	MENT LEVEL 0 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 40	P07 STUDENTS LEVEL 2 30-59 30-59 30-59 CO4 0	SCORING THI LEVEL 3 60-89 60-89 60-89	E TARGET MARK	SUBS MOD LOW SACHIEVE THE GET SACHIEVE THE GET VEIGHTAGE CAN	ERATE / CORRELATION TARGET MARKS 34 27				
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C02 F03 P04 F03 P04 F04 F04 F04 F04 F04 F04 F04 F04 F04 F	PO5 CO3 NED ATTAINI N OR EQUAL T N OR EQUAL T FOR THE AS CO1	P MENT LEVEL TO TO SESSEMNT T CO2	06 S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	P07 STUDENTS LEVEL 2 30-59 30-59 CO4	SCORING THI LEVEL 3 60-89 60-89 CO5	E TARGET MARK	SUBS MOD LOW LOW S ACHIEVE THE S ACHIEVE THE GET VEIGHTAGE CAN ALWAYS EN	CORRELATION TARGET MARKS 34 27 I BE DECIDED AS PER SUBJECT				



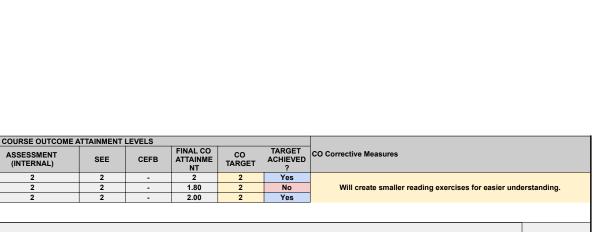
CO NO

CO1

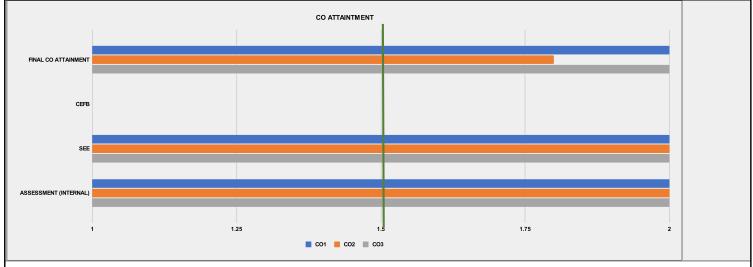
CO2

CO3

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



**BARC 205** 





PROGRAM	FIRST YEAR	B-ARCH							
ACADEMIC YEAR	2019-2020								
SEMESTER	SEM 2								
EXAMINATION SCHEME	Only Sessiona	als (Internal)							
COURSE NAME (AS PER MU)	Environmental	Studies 2							
COURSE CODE (AS PER MU)	BARC206								
			СОРО						
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 Att	ainments					
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	/E MEASURI	ES	
CO1	To critically for climatology, el architectural d responded to o	ements of clinesign principle	nate, and how es have	2.00	To explain th	ie concepts i	more compr	ehensively	
CO2	To explore cor apply alternate renewable and also adopt sus	e design techn d natural resou	urces, and	2.00	To explain concepts with international and national case studies				
CO3	To understand ideas and con environment-s thinking.	cepts that hav	e shaped	2.00	Target achieved as planned				
				PO Attainmer					
PO1 Attainmen			2.00		PO5 Attainn			2.00	
PO2 Attainmen			2.00		PO6 Attainment			2.00	
PO3 Attainmen			2.00		PO7 Attainment			2.00	
PO4 Attainmen	t		2.00		PO8 Attainn	nent		2.00	

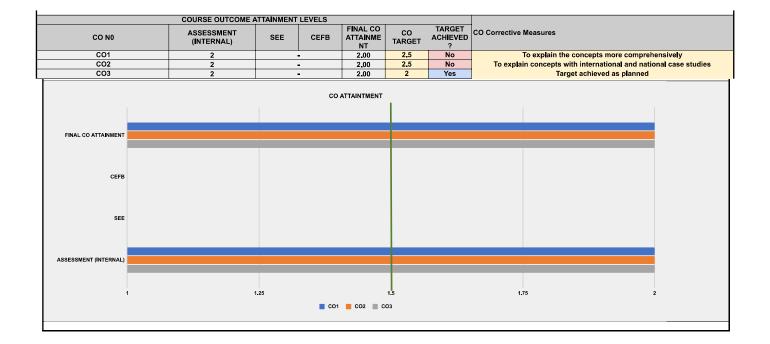
Vidyanidhi Bhavan II, Vidyanidhi Marg, JVPD Scheme Mumbai-400 049, India Tel: ( 91-22 ) 2670 0918 | 2620 8539 | admin@krvia.ac.in | www.krvia.ac.in

**BARC 206** 



	USM'S KAML	A RAHEJA V	IDYANIDHI II	NSTITUTE FOI	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES				
			BA	CHELORS OF	ARCHITECT	URE					
		COU		ME AND PROG	RAM OUTC	OME ASSESS	MENT				
				COURSE	DETAILS						
PROGRAM						ST YEAR B-A	RCH				
ACADEMIC YEAR SEMESTER						2019-2020 SEM 2					
EXAMINATION SCHEME					Only	Sessionals (In	ternal)				
COURSE NAME (AS PER MU)						onmental Stud					
COURSE CODE (AS PER MU) FACULTY					Kimovo	BARC206 K,Minal Y, Sa	ndoon M				
FACULTY INCHARGE					rtinaya	Kimaya K	паеер м				
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.										
CO2	To explore concepts of urb and natur			rnate design te pt sustainable		ng renewab <b>l</b> e	L2 - Understan	d (Explain ideas or concepts)			
CO3	To understand, eng e	age with and nvironment-s	apply the idea ensitive archit	as and concept tectural thinking	s that have s	haped	L3 - Apply (Use	information in new situations)			
00.1				RSE OUTCOM							
CO. No CO1	PO1 3	PO2 2	PO3	PO4	PO5	PO6	PO7 PO8	CO AVERAGE 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 s	lightly align	with program outcomes.				
			co	RRELATION L	EVELS FOR	POS					
1						SLIGHT (LOW	/)				
2						DERATE (MED					
3						SBTANTIAL (H					
3	CO PO MAPPIN	G					SUB	STANTIAL			
2 P01 P02	P03 P04	P05 C03	P	06 1	207	· · · · · · · · · · · · · · · · · · ·	٢٥١	DERATE N D CORRELATION			
TOOLS	DEFIN	ED ATTAINN	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS	TARGET MARKS			
	IF GREATER THA	% OF STUDENTS ACHIEVE THE TARGET	32								
INTERNAL MARKS		FOR THE AS	SSESSEMNT	TOOLS		•					
	ENTAGE WEIGHTAGE SET			CO3	CO4	CO5		N BE DECIDED AS PER SUBJECT			
PERC COURSE OUTC		CO1	CO2				ALWAYS E				
PERC COURSE OUTC ERNAL MARKS		100	100	100	100	100		NSURE THE TOTAL IS 100 %			
PERC COURSE OUTC ERNAL MARKS ECT METHOD				100 100 0	100 0	100 0	ALWAYS E	NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %			
PERC COURSE OUTC ERNAL MARKS ECT METHOD	OMES	100 100 0	100 100 0	100			ALWAYS E				
PERC COURSE OUTC ERNAL MARKS ECT METHOD JRSE EXIT FEEDBACK SURVEY	OMES COURSE OUTCOME A ASSESSMENT	100 100 0	100 100 0	100 0 FINAL CO	0 	0 TARGET	ALWAYS E CO Corrective Measures				
PERC COURSE OUTC ERNAL MARKS ECT METHOD JRSE EXIT FEEDBACK SURVEY CO N0	OMES COURSE OUTCOME A ASSESSMENT (INTERNAL)	100 100 0 .TTAINMENT SEE	100 100 0 LEVELS CEFB	100 0 FINAL CO ATTAINME NT	0 CO TARGET	0 TARGET ACHIEVED ?	CO Corrective Measures	NSURE THE TOTAL IS 100 %			
PERC COURSE OUTC ERNAL MARKS ECT METHOD JRSE EXIT FEEDBACK SURVEY	OMES COURSE OUTCOME A ASSESSMENT	100 100 0 .TTAINMENT SEE	100 100 0	100 0 FINAL CO ATTAINME	0 	0 TARGET ACHIEVED	CO Corrective Measures To explain the c				







PROGRAM	FIRST YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Architectural F	Representatior	n & Detailing II					
COURSE CODE (AS PER MU)	BARC207							
			СОРО	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
	1		CO Att	ainments	1			
CO. No	CO STATEMEN	ITS		ATTAINMENT	со	CORRECTIV	E MEASUR	S
CO1	Understand th for a compreh representatior	ensive archite		3.00				
CO2	Enable studer relationships t medium, also intents, in the representatior	between the ch use of critical making and fo	noice of or expressive	3.00				
CO3	Enable studer representatior investigating a society.	n as a method	of	3.00				
CO4	Enable studer three dimension the tools of rep	onal form and	nd manipulate space by use	3.00				
005	Facilitate stud projections, av tools of repres	xonometric and	d isometric	2.00				
CO5				3.00				
			Course-level	PO Attainmer	nts			
PO1 Attainmen	t		3.00		PO5 Attainn	nent		0.38
PO2 Attainmen			3.00		PO6 Attainn			3.00
PO3 Attainmen			3.00		PO7 Attainn			3.00
PO4 Attainmen			3.00		PO8 Attainn			3.00



		ARAHEJA	VIDTANIDHIT	NSTITUTE FC	K AKCHITEC	TURE AND E	NVIRONME	NTAL STUDIES				
BACHELORS OF ARCHITECTURE												
		COU	RSE OUTCO	ME AND PRO	GRAM OUTC	OME ASSESS	MENT					
22002414				COURSE	DETAILS							
PROGRAM ACADEMIC YEAR					FIR	ST YEAR B-A 2019-2020	RUH					
SEMESTER						SEM 2						
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessionals (In Representation		1				
COURSE CODE (AS PER MU)						BARC207						
FACULTY FACULTY INCHARGE			DIPTI, KE	YA, ABHIJIT, S	SHREYA, NIB	EDITA, MANS SONAL	, KAUSHIK,	ASEEM, SONAL, MI	SBAH			
TOTAL MARKS		150										
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)										
	Understand the techniqu	Indextand the techniques and methods for a comprehensive architectural representation										
C01	enderetana ne teeninga		500 101 0 0011q		intootara. ropi	000111011011		L2 - Understand	(Explain ideas or concepts)			
	Enable students to unders	tand relations	ships between	the choice of	medium, a <b>l</b> so	use of critical						
CO2	or expressive i	ntents, in the	making and f	orm of visual r	epresentation	s.		L2 - Understand	(Explain ideas or concepts)			
	Enable students to ev	aluate archite	ectural repres	entation as a r	nethod of inve	estigating						
CO3			ctural design i					L4 - Analyse (Dra	w connections among ideas)			
	Enable students to create	and manipul	ate three dim	ensional form	and space by	use the tools						
CO4	Enable students to create		f representati		ала эрасе бу	ase the tools		L1 - Remember (R	ecall facts and basic concepts)			
CO5	Facilitate students to cr	eate orthogra	aphic projectic entation of arc	ons, axonometi hitecture.	ic and isomet	ric tools of		L3 - Apply (Use i	nformation in new situations)			
				RSE OUTCO								
CO. No CO1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE 2.43			
C01 C02	2 3	3	3	0	0	3	3	2	2.43			
CO3	3	2	3	0	0	0	0	2	2.50			
CO4 CO5	2	3	3	3	0	0	2 3	3 0	2.67			
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 indi	vidual repres	entational un	derstading s	o some of the	program ou	utcomes, specficiall	y pertaining to social, collective.			
			со	RRELATION	EVELS FOR	POS						
1						SLIGHT (LOW	0					
2							-					
		MODERATE (MEDIUM)										
3	SUSBTANTIAL (HIGH)											
3							I <b>I</b> GH)					
						SBTANTIAL (H O CORRELAT	I <b>I</b> GH)					
							I <b>I</b> GH)					
							I <b>I</b> GH)					
	CO PO MAPPIN	IG					I <b>I</b> GH)					
	CO PO MAPPI	IG					I <b>I</b> GH)	SUBS	TANTIAL			
	CO PO MAPPIN	IG					I <b>I</b> GH)	SUBS	TANTIAL			
	CO PO MAPPIN	IG					I <b>I</b> GH)	SUBS	TANTIAL			
	CO PO MAPPIN						I <b>I</b> GH)	SUBS	TANTIAL			
	CO PO MAPPIN						I <b>I</b> GH)		TANTIAL			
	CO PO MAPPIN						I <b>I</b> GH)					
	CO PO MAPPIN						I <b>I</b> GH)					
	CO PO MAPPIN						IGH) ION	MOD	ERATE			
	CO PO MAPPIN						IGH) ION	MOD	ERATE			
	CO PO MAPPIN						IGH) ION	MOD	ERATE			
	CO PO MAPPIN						IGH) ION	MOD	ERATE			
0 3 2 1					N(		IGH) ION	MOD	ERATE			
	P03 P04	Pos					IGH) ION	MOD	erate 1			
0 3 2 1		Pos			N(		IGH) ION	MOD	erate 1			
0 3 2 1	P03 P04 C01 C02 C03	P05 004 00			P07		IIGH) ION	MOC 	erate 1			
0 3 2 1 9 90 901 902	P03 P04 C01 C02 C03	P05 004 00		.S W.R.T % OI	P07	D CORRELAT	IIGH) ION	MOD LOW 	erate , correlation			
0 3 2 1 0 P01 P02 TOOLS	P03 P04 C01 C02 C03 DEFIN	POS co4 co iED ATTAINI	š P S MENT LEVEL	S W.R.T % OF	NI           P07	SCORING TH		MOD LOW MARKS	erate 1			
0 3 2 1 9 90 901 902	P03 P04 C01 C02 C03	POS co4 co iED ATTAINI	š P S MENT LEVEL	.S W.R.T % OI	P07	D CORRELAT	IGH) ION IE TARGET	MOD LOW MARKS	erate , correlation			
0 3 2 4 1 0 Po1 Po2 FO2 FO2 FO2 FO2 FO2 FO2 FO2 FO	PO3 PO4 CO1 CO2 CO3 DEFIN F GREATER TH/	POS CO4 CO IED ATTAINN	5 P 55 MENT LEVEL TO	S W.R.T % OF LEVEL 1 10-29	NI           P07	SCORING TH	IGH) ION IE TARGET	MOD LOW MARKS	ERATE CORRELATION TARGET MARKS			
0 3 2 4 1 0 Po1 Po2 FO2 FO2 FO2 FO2 FO2 FO2 FO2 FO	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH/	POS CO4 CO IED ATTAINN	5 P 55 MENT LEVEL TO	S W.R.T % OF LEVEL 1 10-29	NI           P07	SCORING TH	IGH) ION IE TARGET	MOC LOW MARKS JENTS ACHIEVE THE TARGET	ERATE CORRELATION TARGET MARKS 90			
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH/	P05 C04 C0 IED ATTAINI IN OR EQUAL FOR THE A: C01 100	ment Level           to           SSESSEMNT           CO2           100	S W.R.T % OI LEVEL 1 10-29 TOOLS CO3 100	P07	SCORING TH           LEVEL 3           60-89           CO5           100	IGH) ION IE TARGET	MOD LOW MARKS JENTS ACHIEVE THE TARGET WEIGHTAGE CAN	ERATE CORRELATION TARGET MARKS			
0	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH/	P05 C04 C0 ED ATTAINI N OR EQUAL FOR THE A: C01	ment level to SSESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	NI           P07           •	SCORING TH LEVEL 3 60-89	IGH) ION IE TARGET	MOD LOW NO MARKS JENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EF	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT			
0  3  2  1  PO1 PO2 PO1 PO2	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET DMES	Pos 004 00 100 100 100 0	5 MENT LEVEL TO SSESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	P07	SCORRELAT           SCORING TH           LEVEL 3           60-89           CO5           100           100	IGH) ION IE TARGET	MOD LOW NO MARKS JENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EF	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
0  3  2  1  PO1 PO2 PO1 PO2	PO3 PO4 CO1 CO2 CO3 PO3 CO3 PO4 CO1 CO2 CO3 PO4 PO3 PO4 PO4 CO3 PO4 PO4 PO4 PO4 PO4 CO3 PO4 PO4 PO4 PO4 PO4 PO4 PO4 PO4 PO4 PO4	Pos 004 00 100 100 100 0	5 MENT LEVEL TO SSESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0	NI           PO7           * STUDENTS           LEVEL 2           30-59           CO4           100           0	SCORING TH           LEVEL 3           60-89           CO5           100           0	IGH) ION	MOD LOW MARKS DENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
0  3  2  1  PO1 PO2 PO1 PO2	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET DMES	Pos 004 00 100 100 100 0	5 MENT LEVEL TO SSESSEMNT CO2 100 100 0	S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME	P07	CORRELAT	IGH) ION	MOD LOW NO MARKS JENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EF	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
0 3 2 1 0 Pot Pot Pot Pot Pot Pot Pot Pot	P03 P04 C01 C02 C03 C01 C02 C03 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C04 C04 C04 C04 C04 C04 C04 C04 C04	POS CO4 0 CO IED ATTAINI N OR EQUAL FOR THE A: CO1 100 100 0 ATTAINMENT SEE	5         P           55         P           70         SSESSEMNT           CO2         100           100         100           100         0           FLEVELS         FLEVELS	S W.R.T % OI LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO	P07  STUDENTS LEVEL 2 30-59  CO4 100 100 0  CO	D CORRELAT	IGH) ION	MOD LOW MARKS DENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
0 3 2 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1	PO3 PO4 CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	Pos cod 0 co ied Attains N or Equal For The A: CO1 100 100 0 N TTAINMENT SEE	5         P           55         MENT LEVEL           TO         SSESSEMNT           SSESSEMNT         CO2           100         00           100         0           TLEVELS         CEFB	S W.R.T % OI LEVEL 1 10-29 TOOLS CO3 100 0 0 FINAL CO ATTAINME NT 3.00 3.00	NI           P07           CO4           100           100           CO4           100           100           2.6           2.6	CORRELAT	IGH) ION	MOD LOW MARKS DENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
0 3 2 2 1 0 PO1 PO2 1 1 PO2 1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO3 DEFIN F GREATER TH/ ENTAGE WEIGHTAGE SET DMES COURSE OUTCOME / ASSESSMENT (INTERNAL) 3	Pos cod 0 co ied Attains N or Equal For The A: CO1 100 100 0 N TTAINMENT SEE	MENT LEVEL TO SSESSEMNT CO2 100 100 100 CEFB -	S W.R.T % OI LEVEL 1 10-29 TOOLS CO3 100 0 T00 100 0 TIONAL CO ATTAINNE NT 3.00	NI           PO7           FSTUDENTS           LEVEL 2           30-59           CO4           100           0           CO           TARGET           2.6	CORRELAT	IGH) ION	MOD LOW MARKS DENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 90 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			



COND     ASSESSMENT (INTERNAL)     SEE     CEFB TATAINUM NT     FINAL CO TATAINAL NT     COC TARGET NT     COC T		COURSE OUTCOME ATTAINMENT LEVELS										
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         FNAL CO ATTAINMENT       -       -       -       -         SEE       -       -       -       -       -         1       1.5       2       2.5       3       -		(INTERNAL)	SEE CEFB	ATTAINME NT	TARGET	ACHIEVED ?	CO Corrective Measures					
CO3       3       -       3.00       2.6       Yes         CO4       3       -       3.00       2.6       Yes         CO5       3       -       3.00       2.5       Yes         FNAL CO ATTAINMENT			-									
CO4     3     -     3,00     2.6     Yes		3	-	3.00								
CO5     3     -     3,00     2.5     Yes		3	-	3.00								
FNAL CO ATTAINMENT		3	-	3.00								
CEFB SEE ASSESSMENT (INTERNAL)	CO5	3	-	3.00	2.5	Yes						
CEFB SEE ASSESSMENT (INTERNAL)												
CEFB SEE ASSESSMENT (INTERNAL)												
CEFR CEFR L L L L L L L L L L L L L L L L L L L												
CEFR CEFR L L L L L L L L L L L L L L L L L L L	_											
SEE SSMENT (NTERNAL 1 1.5 2 2.5 3	FINAL CO ATTAINMENT											
SEE ASSESSMENT (NTERNAL 1.5 2.5 3	_											
SEE SSMENT (NTERNAL 1 1.5 2 2.5 3												
SEE SSMENT (INTERNAL)												
ASSESSMENT (NTERNAL)	CEFB											
ASSESSMENT (NTERNAL 1 1.5 2 2.5 3												
ASSESSMENT (NTERNAL)												
ASSESSMENT (NTERNAL 1 1.5 2 2.5 3												
ASSESSMENT (NTERNAL 1 1.5 2 2.5 3												
1 1.5 2 2.5 3	SEE											
1 1.5 2 2.5 3												
1 1.5 2 2.5 3												
1 1.5 2 2.5 3	-											
	ASSESSMENT (INTERNAL)											
	_											
CO1 CO2 CO3 CO3 CO5	1	1.	.5		2		2,5 3					
			📕 CO1 📕 CO2	🔳 CO3 📒 CO	04 🔳 CO5							



PROGRAM	FIRST YEAR I	B-ARCH						
ACADEMIC								
YEAR	2019-2020							
SEMESTER	SEM 2							
EXAMINATION SCHEME	Only Sessiona	lls (Internal)						
COURSE NAME (AS PER MU)	College Projec	cts II						
COURSE CODE (AS PER MU)	BARP220							
			СОРО	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 Att	ainments				
			00 Au	FINAL CO				
CO. No	CO STATEMEN	TS		ATTAINMENT	cc		/E MEASURE	S
		lents to recogn						
CO1	systems as a providence of the systems are providence of the s		erate structural	3.00				
CO2		analytical unde	ating the same	3.00				
CO3	To develop an	intuitive under r inherent prop cal behaviour ir nable the stude ols and instrum nandle the assi	standing of erties, and n structural ents to work nent in order	3.00				
	To understand have shaped t and to evaluat	concepts and he world that s e these ideas a	surrounds them as they					
CO4	emerge out of		ic structures d key works in	3.00				
CO5	the history of A	Art and Archited se and evaluat re, with respect	cture. To e works of art t to the ideas	3.00				
				PO Attainmen				
PO1 Attainment			3.00		PO5 Attainn	nent		3.00
PO2 Attainment			3.00		PO6 Attainn			3.00
PO3 Attainment			3.00		PO7 Attainn			3.00
PO4 Attainment			3.00		PO8 Attainn	nent		3.00



	USM'S KAMI	A RAHEJA \	/IDYANIDHI II	NSTITUTE FO	RARCHITEC	TURE AND EI	NVIRONMENT	AL STUDIES				
			BA	CHELORS OF	ARCHITECT	URE						
		COUR	RSE OUTCOM	IE AND PROC	GRAM OUTCO	ME ASSESS	MENT					
	1			COURSE	DETAILS							
PROGRAM ACADEMIC YEAR					FIR	ST YEAR B-A	RCH					
SEMESTER						2019-2020 SEM 2						
EXAMINATION SCHEME		Only Sessionals (Internal)										
COURSE NAME (AS PER MU)	College Projects II											
COURSE CODE (AS PER MU) FACULTY			B. Tech (K	aushik. Apurva	P. George, S	BARP220	+ Architec-tura	Theory (Kaushik, So	onal)			
FACULTY INCHARGE					Tech (Kaushik	) Architectural			,			
TOTAL MARKS						100						
CO. No.		COU	RSE OUTC	OME				RBT (REVISE	ED BLOOMS TAXONOMY)			
	To enable students to recog	nize concenti	ualize ideate	and iterate str	uctural system	s as a nart of		•				
CO1	To enable students to recogi	lize, concepti	design	and iterate su	uctural system	3 a3 a part or		L6 - Create (P	roduce new or original work)			
CO2	To develop an analytical u		of structural sy al testing/ eva		lidating the sa	me through		L4 - Analyse (D	raw connections among ideas)			
CO3	To develop an intuitive unde behaviour in structural syste							12 Understan	d (Explain ideas or concents)			
603				ed material in		iu instrument		L2 - Understan	d (Explain ideas or concepts)			
CO4	To understand concepts evaluate these							L2 - Understan	d (Explain ideas or concepts)			
	To recall/remember idea	s and key wo	rks in the histo	ory of Art and A	Architecture. To	critically						
CO5	analyse and evaluate work		rcnitecture, wi is and express		ne ideas that s	nape them,		L3 - Apply (Use	information in new situations)			
CO. No	PO1	MAPP PO2	ING OF COU PO3	RSE OUTCON 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 CO5	3	1 2	2	1	0	3	3	2	2.14 2.29			
PO AVERAGE	2.00	2.20	2.60	1.00	3.00	2.20	3.00	2.00	2.23			
Ormalius and Develotion			1-14									
Conclusion and Resolution	concepts disc	cussed in arc	milectural in	eory should b	e applied to t	unang tech	lology too an	chor the subject to	vards a theoretical understanding			
			co	RRELATION L	EVELS FOR	POS						
1						SLIGHT (LOW	/)					
2						DERATE (MED	-					
3						SBTANTIAL (H	,					
0					NC	OCORRELATI	ION					
						_						
		_										
	CO PO MAPPIN	G										
3												
								SUBS	TANTIAL			
2		•••••	• • • • • • • • <mark>• •</mark> • • •	. <mark>.</mark>	••• <mark>••</mark> •••••		• • • • • • • • • • • •		ERATE			
								WOD	ERAIL			
1								row				
								LOW				
								NO	CORRELATION			
0 PO1 PO2	PO3 PO4	PO5	P	06	P07				CORRELATION			
	📕 CO1 📕 CO2 🔳 CO3 📕	CO4 🔳 CO5	5									
TOC: 0	DEFI	NED ATTAIN	IENT LEVEL		STUDENTS		E TARGET MA	ARKS				
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3			TARGET MARKS			
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDE	INTS ACHIEVE THE	55			
	ENTAGE WEIGHTAGE SET											
COURSE OUTCO	MES	CO1 100	CO2 100	CO3 100	CO4 100	CO5 100			BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 %			
DIRECT METHOD		100	100	100	100	100						
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALWAYS EN	ISURE THE TOTAL IS 100 %			



CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	3		-	3.00	2.5	Yes	
CO2	3		-	3.00	2.5	Yes	
CO3	3		-	3.00	2.5	Yes	
CO4	3		-	3.00	2.5	Yes	
CO5	3		-	3.00	2.5	Yes	
			co	ATTAINTMENT			
FINAL CO ATTAINMENT							
CEFB							
SEE							
SESSMENT (INTERNAL)							
1	1	5			2		2.5 3
			CO1 📒 CO2	🔳 CO3 📒 C	D4 📕 CO5		

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# 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
РОЗ	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
P05	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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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**

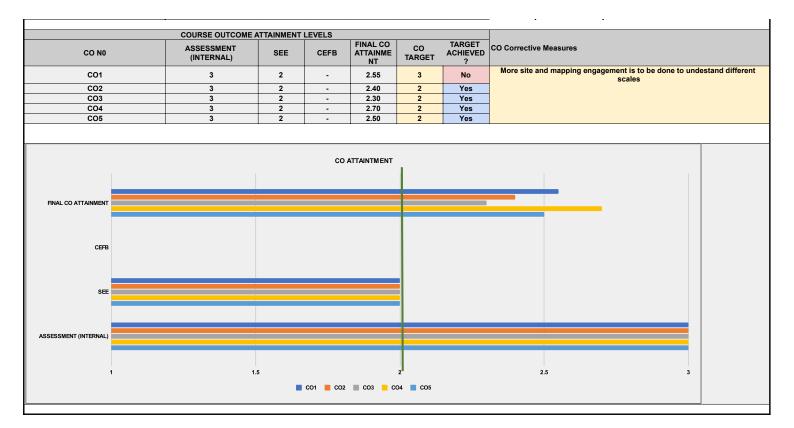
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	2	2	0	2	2	0
CO2	2	3	1	3	0	3	3	0
CO3	0	2	3	0	0	0	0	1
CO4	3	2	3	3	3	3	3	0
CO5	1	2	1	0	2	0	0	1

CO Attainments										
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES							
	To understand questions around scale and ideas of anthropometrics									
CO1		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								
	To create investigation methods around ideas of forms through models (Operating in different materials), drawings etc.									
CO3		2.30								
CO4	To analyze ideas of home and develop broader ways of seeing at fundamental concepts of domesticity.	2.70								
	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								
005		2.50								
	Course-level	PO Attainment	ts							
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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					ARCHITECT							
		cou	RSE OUTCON	IE AND PRO	GRAM OUTCO	ME ASSESS	MENT					
				COURSE	DETAILS							
PROGRAM ACADEMIC YEAR	SECOND YEAR B-ARCH 2019-2020											
SEMESTER EXAMINATION SCHEME		SEM 3										
COURSE NAME (AS PER MU)		Sessionals (Internal) + External (Jury) Architectural Design Studio 3										
COURSE CODE (AS PER MU) FACULTY		BARC301										
FACULTY INCHARGE TOTAL MARKS						Nemish Shah 200	ı					
				0.115		200						
CO. No.	To understand		RSE OUTC		hropometrics			RBT (REVISE	D BLOOMS TAXONOMY)			
CO1								L2 - Understan	d (Explain ideas or concepts)			
CO2	o understand and observe va ir	rious spaces form of con	s, objects, thin iceptual ideas	gs at different and drawings	scales and do	cument them		L2 - Understan	d (Explain ideas or concepts)			
CO3	To create investigation meth		ideas of forms rials), drawing		els (Operating	in different		L4 - Analyse (Dr	aw connections among ideas)			
CO4	To analyze ideas of home	and develop	broader ways domesticity.	s of seeing at f	undamental co	oncepts of		L1 - Remember (F	Recall facts and basic concepts)			
CO5	To create different modes students in producing well							L3 - Apply (Use	information in new situations)			
CO No	P01	MAPP PO2		RSE OUTCOM PO4	NES AND PRO	GRAM OUTO	OMES PO7	PO8	CO AVERAGE			
CO. No CO1	P01	PO2 3	PO3 2	PO4 2	PO5 0	PO6 2	P07 2	PO8 0	2.00			
CO2 CO3	2 0	3	1 3	3	0	3	3	0	2.50 2.00			
CO4	3	2	3	3	3	3	3	0	2.86			
CO5 PO AVERAGE	1.75	2 2.40	1 2.00	0 2.67	2 2.50	0 2.67	0 2.67	1 1.00	1.40			
Conclusion and Resolution	1.15	2.40	2.00	2.07	2.30	2.07	2.07	1.00				
			CO	RRELATION L	EVELS FOR	POS						
1					:	SLIGHT (LOW	/)					
2						DERATE (MED						
3						OCORRELATI						
U						CORRELATI						
	CO PO MAPPING											
32									TANTIAL			
	LOW											
,								····· Low				
0 PO1 PO2	P03 P04	P05		26	P07				CORRELATION			
	P03 P04			26	P07							
	📕 CO1 📕 CO2 📗 CO3 📕	CO4 🔳 CO8	5			SCORING TH		NO 1				
	📕 CO1 📕 CO2 📗 CO3 📕	CO4 🔳 CO8	5			LEVEL 3	E TARGET MA	NO (				
P01 P02	📕 CO1 📕 CO2 📗 CO3 📕	CO4 CO	5 MENT LEVELS	S W.R.T % OF	STUDENTS		E TARGET MA	NO (	CORRELATION			
P01 P02	CO1 CO2 CO3 DEFIN	CO4 CO3	<sup>5</sup> MENT LEVELS	S W.R.T % OF	STUDENTS S	LEVEL 3	E TARGET MA	NRKS	CORRELATION TARGET MARKS			
PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE	CO1 CO2 CO3 DEFINI IF GREATER THAN IF GREATER THAN ENTAGE WEIGHTAGE SET F	CO4 CO CO4 CO CO CO CO CO CO CO CO CO CO CO CO CO C	5 MENT LEVELS 0 0 SESSEMNT T	S W.R.T % OF LEVEL 1 10-29 10-29	STUDENTS 5 LEVEL 2 30-59 30-59	LEVEL 3 60-89 60-89	E TARGET MA	NRKS	TARGET MARKS 70 63			
PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCOI	CO1 CO2 CO3 DEFINI IF GREATER THAN IF GREATER THAN ENTAGE WEIGHTAGE SET F	CO4 CO3	5 WENT LEVELS O	S W.R.T % OF LEVEL 1 10-29 10-29	STUDENTS S LEVEL 2 30-59	LEVEL 3 60-89	E TARGET MA	IRKS	TARGET MARKS 70 63 BE DECIDED AS PER SUBJECT			
PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE	CO1 CO2 CO3 DEFINI IF GREATER THAN IF GREATER THAN ENTAGE WEIGHTAGE SET F	CO4 CO3	o SESSEMNT T CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	STUDENTS 5 LEVEL 2 30-59 30-59 CO4	LEVEL 3 60-89 60-89 CO5	E TARGET MA	IRKS	TARGET MARKS 70 63			







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**

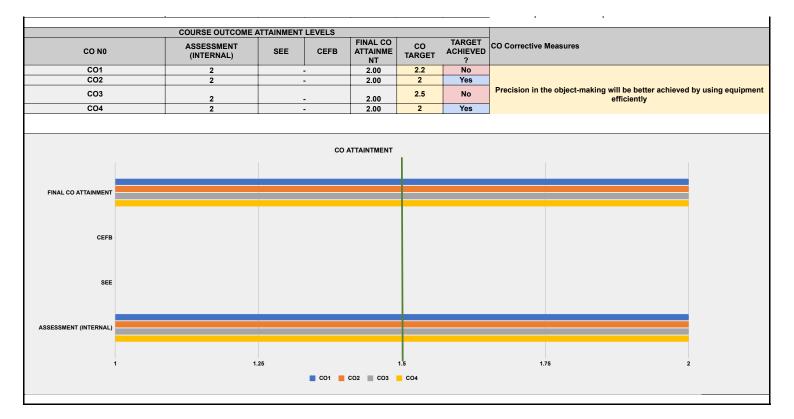
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	0	1	2	3	0
CO2	2	3	3	0	2	1	3	1
CO3	2	2	3	2	1	2	3	2
CO4	1	2	3	0	0	0	3	3

	CO Atta	ainments	
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 Attainmen	ts
PO1 Attainmen	t 2.00		PO5 Attainment 2.00
PO2 Attainmen	t 2.00		PO6 Attainment 2.00
PO3 Attainmen	t 2.00		PO7 Attainment 2.00
PO4 Attainmen	t 2.00		PO8 Attainment 2.00



	USM'S KAML	A RAHEJA VII	oyanidhi in	NSTITUTE FO	R ARCHITEC	TURE AND E	ENVIRONMEN	TAL STUDIES			
			BAG	CHELORS OF	ARCHITECT	URE					
		COURS		ME AND PROC	RAM OUTCO	OME ASSES	SMENT				
	1			COURSE							
PROGRAM ACADEMIC YEAR		SECOND YEAR B-ARCH 2019-2020									
SEMESTER EXAMINATION SCHEME					Ortes	SEM 3 Sessionals (Ir	atom all				
COURSE NAME (AS PER MU)						Design Stud					
COURSE CODE (AS PER MU) FACULTY		HUS		REWALA GE		BARC302	ATT GINELLA	GEORGE, SAURA	3H BARDE		
FACULTY INCHARGE						EORGE JAC					
TOTAL MARKS						100					
CO. No.			RSE OUTC					RBT (REVISE	ED BLOOMS TAXONOMY)		
CO1	To understand the sp	patial and functi	onal aspects	s influencing th	e form of the	object.		L2 - Understand	(Explain ideas or concepts)		
CO2	To apply and analyze th	e design idea b	y physically process.	building the ol	oject through a	an iterative		L3 - Apply (Use i	nformation in new situations)		
CO3	To evalua	te the design fo	or the desired	d function and	precision.			L5 - Evaluate (	Justify a stand or decision)		
CO4	To create designs that	utilize material	properties a	and other cons	traints set in tl	ne studio		L6 - Create (Pro	oduce new or original work)		
CO. No	PO1	MAPPIN PO2	IG OF COUI PO3	RSE OUTCOM PO4	IES AND PRO PO5	OGRAM OUT PO6	COMES PO7	PO8	CO AVERAGE		
CO1	3	3	3	0	1	2	3	0	2.50		
CO2 CO3	2	3 2	3	0	2	1 2	3	1 2	2.14 2.13		
CO4	1	2	3	0	0	0	3	3	2.13		
PO AVERAGE	2.00	2.50	3.00	2.00	1.33	1.67	3.00	2.00	n the object itself and space. The form		
1 2				CORRELATION LEVELS FOR POS           SLIGHT (LOW)           MODERATE (MEDIUM)							
3	SUSBTANTIAL (HIGH)										
U						BTANTIAL (H CORRELAT	HIGH)				
	CO PO MAPPIN	IG					HIGH) TION	SUBS	TANTIAL		
3	CO PO MAPPIN	IG					HIGH) TION	SUBS	TANTIAL		
3	СО РО МАРРІА	IG POS					HIGH) TION	SUBS MOC	ERATE		
	P03 P04	PO5			NC	CORRELAT	HIGH) TON	SUBS	erate ,		
3 2 1 0 0 PO1 PO2	P03 P04	PO5		S W.R.T % OF	NC	CORRELAT	HIGH) TION	SUBS	erate ,		
	P03 P04	PO5 33 CO4	ENT LEVELS		NC	CORRELAT	HIGH)	SUBS	ERATE		
3 2 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET	POS 23 CO4	ENT LEVELS	S W.R.T % OF LEVEL 1 10-29	NC	CORRELAT	HIGH) TON HE TARGET M % OF STUDE T	SUBS MOD LOW ARKS NTS ACHIEVE THE ARGET	ERATE CORRELATION		
3 2 1 0 PO1 PO2 TOOLS INTERNAL MARKS PERCE	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	ENT LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS	NC	CORRELAT	HIGH) TON HE TARGET M % OF STUDE T	SUBS MOD LOW ARKS ARKS MTS ACHIEVE THE ARGET WEIGHTAGE CAN	ERATE CORRELATION TARGET MARKS 62		







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 Atta	ainments		
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 I	PO Attainmen	ts	
PO1 Attainment	PO1 Attainment 2.61		PO5 Attainment	2.70
PO2 Attainment	t 2.63		PO6 Attainment	2.60
PO3 Attainment	t 2.63		PO7 Attainment	2.61
PO4 Attainment	t 2.63		PO8 Attainment	2.63



	USM'S KAML	A RAHEJA V	IDYANIDHI IN	ISTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES		
			BAG	CHELORS OF	ARCHITECT	URE			
		COUF		IE AND PROG	GRAM OUTC	OME ASSESS	MENT		
				COURSE	DETAILS				
PROGRAM ACADEMIC YEAR					SEC	OND YEAR B- 2019-2020	ARCH		
SEMESTER						SEM 3			
EXAMINATION SCHEME						(Internal) + Th			
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)					Architectura	I Building Con BARC303	struction 3		
FACULTY				V	/ikram, Mamta		ntanu K, Rutika		
FACULTY INCHARGE					,	Vikram	,		
TOTAL MARKS						100			
CO. No.		COU	IRSE OUTC	OME			RBT (REVIS	ED BLOOMS TAXONOMY)	
CO1	To understand the u	nderlying prin	ciples of struc	tural systems a	and their appl	ication.	L2 - Understand	d (Explain ideas or concepts)	
CO2	To create an analytica	I framework fo	or observing b	uildings and th	eir structural	systems.	L6 - Create (Pr	oduce new or original work)	
CO3	To apply and represent th	ne learnings a	bout different	structural syste	ems in their o	wn desians.	L3 - Apply (Use	information in new situations)	
								,	
	To be able to gauge	the performan	nce of a struct	ure in its aeoar	raphical clima	atic and			
CO4	topographical context an						L5 - Evaluate	(Justify a stand or decision)	
CO. No	PO1	MAPPI PO2	ING OF COUF PO3	RSE OUTCOM PO4	IES AND PRO PO5	OGRAM OUT	COMES PO7 PO8	CO AVERAGE	
CO1 CO1	2	0	0	1	0	3	2 0	2.00	
CO2	1	1	1	2	0	3	2 1	1.57	
CO3 CO4	2 3	3	3	2 3	0	1	3 2 3 2	2.29 2.50	
PO AVERAGE	2.00	2.33	2.33	2.00	1.00	2.25	2.50 1.67	2150	
Conclusion and Resolution		•	Building por	formanaa ana	Nucio con ho	mada mora i	sensitive to local socio cultural	contaxt	
Conclusion and Resolution			Building per	Tormance and	alysis can be	made more :		context	
			CO	RRELATION L	EVELS FOR	POS			
1						SLIGHT (LOW	/)		
2						DERATE (MED	· · · · · · · · · · · · · · · · · · ·		
3						BTANTIAL (H			
0						CORRELATI			
0					INC	JCORRELAT	ION		
3								STANTIAL DERATE	
0 P01 P02	P03 P04 C01 C02 C0 DEFIN				PO7	SCORING TH		CORRELATION	
	DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS								
TOOLS		IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89							
SEE							% OF STUDENTS ACHIEVE THE TARGET	28	
	IF GREATER THA			10-29 10-29	30-59 30-59	60-89		28	
SEE		AN OR EQUAL 1	го	10-29			TARGET		
SEE INTERNAL MARKS PERCE COURSE OUTCC	IF GREATER THA	FOR THE AS	SESSEMNT CO2	10-29 TOOLS CO3	30-59 CO4	60-89 CO5	TARGET % OF STUDENTS ACHIEVE THE TARGET		
SEE INTERNAL MARKS PERCE COURSE OUTCO	IF GREATER THA	FOR THE AS	SSESSEMNT CO2 65	10-29 TOOLS CO3 55	30-59 CO4 70	60-89 CO5 0	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN	26	
SEE INTERNAL MARKS COURSE OUTCC ERNAL MARKS E E E KECT METHOD	IF GREATER THA	FOR THE AS	SESSEMNT CO2	10-29 TOOLS CO3	30-59 CO4	60-89 CO5	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS COURSE OUTCO TERNAL MARKS E E ECT METHOD	IF GREATER THA	FOR THE AS CO1 50 50	SSESSEMNT CO2 65 35	10-29 TOOLS CO3 55 45	30-59 CO4 70 30	60-89 CO5 0	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E	26 N BE DECIDED AS PER SUBJECT	
SEE INTERNAL MARKS COURSE OUTCO TERNAL MARKS E E ECT METHOD	IF GREATER THA	AN OR EQUAL 1 FOR THE AS CO1 50 50 100 0	SSESSEMNT CO2 65 35 100 0	10-29 TOOLS CO3 55 45 100	30-59 CO4 70 30 100	60-89 CO5 0 0 100	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS PERCE COURSE OUTCO COURSE OUTCO COURSE OUTCO COURSE OUTCO COURSE OUTCO COURSE OUTCO INTERNAL MARKS E RECT METHOD URSE EXIT FEEDBACK SURVEY	IF GREATER THA	FOR THE AS CO1 50 50 100 0 ATTAINMENT	SSESSEMNT CO2 65 35 100 0 LEVELS	10-29 TOOLS CO3 55 45 100 0	30-59 CO4 70 30 100 0	60-89 CO5 0 100 0 TARGET	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E ALWAYS E	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS COURSE OUTCO TERNAL MARKS E E ECT METHOD	IF GREATER THA	AN OR EQUAL 1 FOR THE AS CO1 50 50 100 0	SSESSEMNT CO2 65 35 100 0	10-29 TOOLS CO3 55 45 100 0 FINAL CO ATTAINME	30-59 CO4 70 30 100	60-89 CO5 0 100 0 TARGET ACHIEVED	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS PERCE COURSE OUTCO COURSE OUTCO COURSE OUTCO COURSE EXIT FEEDBACK SURVEY CO N0 CO 1	IF GREATER THA INTAGE WEIGHTAGE SET MES COURSE OUTCOME A ASSESSMENT (INTERNAL) 3	AN OR EQUAL 1 FOR THE AS CO1 50 50 100 0 ATTAINMENT SEE 2	SESSEMNT CO2 65 35 100 0 LEVELS CEFB -	10-29 TOOLS CO3 55 45 100 0 FINAL CO ATTAINME NT 2.5	30-59 CO4 70 30 100 0 CO TARGET 2.5	60-89 CO5 0 0 100 0 TARGET ACHIEVED Yes	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E ALWAYS E CO Corrective Measures	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS PERCE COURSE OUTCO FERNAL MARKS E RECT METHOD DURSE EXIT FEEDBACK SURVEY CO N0 CO1 CO2	IF GREATER TH/ IF GREATER TH/ MES COURSE OUTCOME / ASSESSMENT (INTERNAL) 3 3	FOR THE AS CO1 50 100 0 ATTAINMENT SEE 2 2	SESSEMNT CO2 65 35 100 0 LEVELS CEFB -	10-29 TOOLS CO3 55 45 100 0 FINAL CO ATTAINME NT 2.5 2.65	30-59 CO4 70 30 100 0 CO TARGET 2.5 2.5	60-89 CO5 0 100 0 TARGET ACHIEVED ? Yes Yes	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E ALWAYS E CO Corrective Measures Ac	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %	
SEE INTERNAL MARKS PERCE COURSE OUTCO TERNAL MARKS E RECT METHOD DURSE EXIT FEEDBACK SURVEY CO N0 CO1	IF GREATER THA INTAGE WEIGHTAGE SET MES COURSE OUTCOME A ASSESSMENT (INTERNAL) 3	AN OR EQUAL 1 FOR THE AS CO1 50 50 100 0 ATTAINMENT SEE 2	SESSEMNT CO2 65 35 100 0 LEVELS CEFB -	10-29 TOOLS CO3 55 45 100 0 FINAL CO ATTAINME NT 2.5	30-59 CO4 70 30 100 0 CO TARGET 2.5	60-89 CO5 0 0 100 0 TARGET ACHIEVED Yes	TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS E ALWAYS E CO Corrective Measures Ac Ac	26 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %	



		COURSE OUTCOME	ATTAINMENT	LEVELS				
CO N0		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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
				CO A	TTAINTMENT	1		
FINAL CO ATTAINMENT								
CEFB								
_								
SEE								
	_				_		_	
ASSESSMENT (INTERNAL)								
1		1	.5	📕 CO1 📕 G	CO2 🔳 CO3 📕	2 CO4		2.5 3



# PROGRAMSECOND YEAR B-ARCHACADEMIC<br/>YEAR2019-2020SEMESTERSEM 3EXAMINATION<br/>SCHEMESessionals (Internal) + Theory (Exam)COURSE NAME<br/>(AS PER MU)Theory & Design of Structures 3COURSE CODE<br/>(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 Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	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	ve
соз	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.			
	Course-level I	PO Attainmen	ts	
PO1 Attainment	2.49		PO5 Attainment 2	2.53
PO2 Attainment	2.44		PO6 Attainment 2	2.48
PO3 Attainment	2.51		PO7 Attainment 2	2.46
PO4 Attainment	2.63		PO8 Attainment 2	2.51



					,			
	USM'S KAML	A RAHEJA \	/IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES	
			BA	CHELORS OF	ARCHITEC	TURE		
		COU	RSE OUTCOM	ME AND PROC	GRAM OUTC	OME ASSESS	MENT	
PROCRAM				COURSE	DETAILS			
PROGRAM ACADEMIC YEAR					SEC	OND YEAR B- 2019-2020	ARCH	
SEMESTER						SEM 3		
EXAMINATION SCHEME COURSE NAME (AS PER MU)	-					(Internal) + Th Design of Stru		
COURSE NAME (AS PER MU)					Theory &	BARC304	ictures 5	
FACULTY					Raji	itha, Ainsley, N	eeraj	
FACULTY INCHARGE TOTAL MARKS						Ainsley 100		
						100		
CO. No.		COL	JRSE OUTO	OME			RBT (REVIS	ED BLOOMS TAXONOMY)
CO1	Introduction to concrete						12 - Undoretan	d (Explain ideas or concepts)
601	Introduction to concrete	e as a structur	shortcomings		erues, advan	lages, and	L2 - Onderstand	(Explain ideas of concepts)
CO2	Develop an intuitive ur	nderstanding o	of the structura	al components	- beams, col	umns and	L3 - Apply (Use i	nformation in new situations)
	footin	ig; the stresse	es involved du	ring the load tra	ansfer			
CO3	Understand the behavior	of the materia	al and structur	al member (de	flection bend	ling etc.) and	L3 - Apply (Use	nformation in new situations)
				ructural plannir		ing etc.) and		· · · · · · · · · · · · · · · · · · ·
CO4	Develop a perspective					cation with	L4 - Analyse (Dr	aw connections among ideas)
	resp	ect to the role	of an archited	ct as a professi	onal.			
CO No.	PO1	MAPP PO2		RSE OUTCON				CO AVERAGE
CO. No CO1	P01 3	1	PO3 2	PO4 2	PO5 2	PO6 3	PO7 PO8	2.00
CO2	3	3	2	0	1	2	3 2	2.29
CO3 CO4	2	2	2	0	2	3	2 1 2 2	2.00 2.13
PO AVERAGE	2	1.75	3 2.25	2	3 2.00	2	2 2 2.33 1.50	2.13
								Igh lectures, hands on exercise and case
Conclusion and Resolution		examples	. This enable	s the students	s to establis	h practical co	nnnection between the profess	ion and the course
			CO	RRELATION L	EVELS FOR	POS		
1						SLIGHT (LOW	/)	
2						DERATE (MED		
3								
-						SBTANTIAL (H		
0					N	O CORRELATI	UN	
2 1 0PO1PO2	P03 P04	POS 23 Cot			P07		Mot	STANTIAL PERATE V
TOOLS	DEFII		MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS	TARGET MARKS
SEE	IF GREATER TH	AN OR EQUAL	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE	30
INTERNAL MARKS	IF GREATER TH		то	10-29	30-59	60-89	TARGET	
	I GREATER IN			10-23	30-39	50-09	% OF STUDENTS ACHIEVE THE TARGET	35
	NTAGE WEIGHTAGE SET							
COURSE OUTCO	MES	C01	CO2	CO3	CO4	CO5		I BE DECIDED AS PER SUBJECT
EE		55 45	40 60	30 70	70 30		ALWAYS EI	NSURE THE TOTAL IS 100 %
IRECT METHOD		100	100	100	100	100	ALWAYS E	NSURE THE TOTAL IS 100 %
OURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		
	COURSE OUTCOME	ATTAINMENT	LEVELS					
	ASSESSMENT		CEED	FINAL CO	со	TARGET ACHIEVED	CO Corrective Measures	
CO NO	(INTERNAL)	SEE	CEFB	ATTAINME NT	TARGET	ACHIEVED ?		
C01	3	2	-	2.55	2.5	Yes	M	
CO2	3	2	-	2.55 2.40	2.5	Yes No		nore interactive and practical for better clarity of e course application
			-	2.55		Yes		nore interactive and practical for better clarity of course application



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO 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
CO3	3	2	-	2.30	2.5	No	the course application
CO4	3	2	-	2.70	2.5	Yes	
			co	ATTAINTMENT			
FINAL CO ATTAINMENT					-		
CEFB							
SEE							
JLL							
					1		
ASSESSMENT (INTERNAL)							
ASSESSMENT (INTERNAL)							
1	1	1.5			2		2.5 3
			📕 CO1 📕	CO2 🔳 CO3	CO4		



SECOND YEAR B-ARCH PROGRAM ACADEMIC 2019-2020 YEAR SEM 3 SEMESTER **EXAMINATION** Sessionals (Internal) + Theory (Exam) SCHEME COURSE NAME Architectural Building Services 1 (AS PER MU) COURSE CODE **BARC308** (AS PER MU)

## **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 Atta	ainments	
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES
C01	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		
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



	USM'S KAM	LA RAHEJA	VIDYANIDHI I	NSTITUTE F	OR ARCHITEC	TURE AND E	NVIRONMENTAL STU	DIES					
			ВА	CHELORS O	FARCHITECT	URE							
		COU	RSE OUTCO	ME AND PRO	GRAM OUTCO	ME ASSESS	MENT						
PROGRAM				COURS	E DETAILS SECO	OND YEAR B-	ARCH						
ACADEMIC YEAR						2019-2020							
SEMESTER EXAMINATION SCHEME					Sessionals	SEM 3 (Internal) + Th	eory (Exam)						
COURSE NAME (AS PER MU)						ural Building S							
COURSE CODE (AS PER MU) FACULTY						BARC308 Minal, Kimaya	_						
FACULTY INCHARGE						Minal, Kimaya	3						
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.												
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.											
CO3	To be able to explore an	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 apprehence	To be able to apprehend how building services and infrastructure informs the architectural design. L3 - Apply (Use information in new situations)											
					MES AND PRO								
CO. No CO1	P01	PO2	PO3	PO4	PO5	PO6		PO8	CO AVERAGE				
C01 C02	2 0	2	2 0	0	0	0 3	3 3	2	2.20 2.50				
CO3	1	0	3	0	0	0	3	2	2.25				
CO4 PO AVERAGE	2	2 2.00	3 2.67	0 2.00	0.00	0 3.00		2	2.40				
	1.07	2.00	2.07	•	•								
Conclusion and Resolution				The course	e outcomes is l	nighly aligned	d with program outco	mes.					
			со	RRELATION	LEVELS FOR	POS							
1						SLIGHT (LOW	/)						
2						DERATE (MED	-						
3						BTANTIAL (H							
0						CORRELATI							
U						CONNELAN							
3								SUB	ISTANTIAL				
2								MO	DERATE				
0	P03 P04	P05	P	06	P07				) CORRELATION				
	📕 CO1 📕 CO2 🔳 CC												
	DEFI	NED ATTAIN		S W.R.T % 0	F STUDENTS	SCORING TH	E TARGET MARKS						
TOOLS				LEVEL 1		LEVEL 3			TARGET MARKS				
SEE	IF GREATER THA	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACH TARGET	IEVE THE	32				
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACH TARGET	IEVE THE	32				
PERCE	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			]						
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5	WEIGH	ITAGE CA	N BE DECIDED AS PER SUBJECT				
INTERNAL MARKS SEE		65 35	65 35	65 35	65 35	0		ALWAYS E	INSURE THE TOTAL IS 100 %				
DIRECT METHOD		100	100	100	100	100			INSURE THE TOTAL IS 100 %				
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALMAIS E					
	COURSE OUTCOME	TTAINMENT	LEVELS										



CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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.		
			со	ATTAINTMENT					
FINAL CO ATTAINMENT									
CEFB									
SEE									
ASSESSMENT (INTERNAL)									
1	1.;	25			1.5		1.75 2		



PROGRAM	SECOND YEA	R B-ARCH								
ACADEMIC YEAR	2019-2020									
SEMESTER	SEM 3									
EXAMINATION SCHEME	Sessionals (In	ternal) + Theor	y (Exam)							
COURSE NAME (AS PER MU)	Humanities 3									
COURSE CODE (AS PER MU)	BARC305									
			СОРО	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									
			ł	l.						
			CO Atta	ainments	•					
CO. No	CO STATEMEN	тѕ		FINAL CO ATTAINMENT	co	CORRECTIV	'E MEASURE	s		
CO1	Understanding of socio cultura	architecture a al processes	s an outcome	2.00						
CO2		orical ideas and n architectural f		2.00						
СОЗ	chronological s	nodes of produ system to discu production of ar	iss the ideas	2.00						
			Course-level	PO Attainmen	te					
PO1 Attainment			2.00		PO5 Attainm	nent		2.00		
PO2 Attainment			2.00		PO6 Attainm			2.00		
PO3 Attainment			2.00		PO7 Attainm	nent		2.00		
PO4 Attainment			2.00		PO8 Attainm			2.00		



	USM'S KAN	ILA RAHEJA	VIDYANIDHI I	INSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENTAL STUDIES							
			ВА	CHELORS OF	ARCHITECT	URE								
		COU	IRSE OUTCO	ME AND PRO		OME ASSESS	MENT							
PROGRAM	1			COURSE	DETAILS		APCH							
ACADEMIC YEAR		SECOND YEAR B-ARCH 2019-2020												
SEMESTER					<u> </u>	SEM 3	(F )							
EXAMINATION SCHEME COURSE NAME (AS PER MU)		Sessionals (Internal) + Theory (Exam) Humanities 3												
COURSE CODE (AS PER MU)		BARC305												
FACULTY FACULTY INCHARGE		Ginella George, Sarah George Ginella George, Sarah George												
TOTAL MARKS		Ginella George 100												
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)												
	Understandir			ne of socio culti	Iral processes									
C01	Understandi	ig architeotare					L2 - Understa	and (Explain ideas or concepts)						
CO2	Analysing hi	storical ideas	and their impli	cations on arch	nitectural form		L4 - Analyse (	Draw connections among ideas)						
CO3	Adopting the modes of pro-		chronological s		iss the ideas t	hat lead to a	L6 - Create	(Produce new or original work)						
		prou	uction of archi	leciure										
<b>20</b> 11				IRSE OUTCOM										
CO. No CO1	PO1 2	PO2 2	PO3	PO4 2	PO5 0	PO6 3	PO7 PO8 3 3	CO AVERAGE 2.29						
CO2	1	2	0	0	1	3	2 3	2.00						
CO3 PO AVERAGE	1 1.33	0 2.00	0	0 2.00	2 2 2.33 2.67	2.00								
Conclusion and Resolution					1.00	3.00 ieves modera		1						
					Course acri	leves modera								
			cc	RRELATION	EVELS FOR	POS								
1						SLIGHT (LOV	/)							
2					MOI	DERATE (MED	DIUM)							
3					SU	SBTANTIAL (H	liGH)							
0					N	O CORRELAT	ION							
	CO PO MAPPI	NG												
3							SU	BSTANTIAL						
2					<u></u>									
							M	DDERATE						
1				<mark></mark>			ro	)w						
0 PO1 PO2	P03 P04	PO5		06	P07	<mark></mark>	N	O CORRELATION						
P01 P02	P03 P04		) P	06	P07									
		003												
	DEF	INED ATTAIN	MENT LEVEL				E TARGET MARKS							
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS						
SEE	IF GREATER TH	AN OR EQUAL	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	23						
				40.20	30-59	60-89								
INTERNAL MARKS	IF GREATER TH	AN OR EQUAL	10	10-29	30-59	60-69	% OF STUDENTS ACHIEVE THE TARGET	30						
DEDCI	ENTAGE WEIGHTAGE SET		SSESSEMNT	TOOLS			1							
COURSE OUTCO		CO1	CO2	CO3	WEIGHTAGE CA	AN BE DECIDED AS PER SUBJECT								
INTERNAL MARKS		45	40	30	ALWAYS	ENSURE THE TOTAL IS 100 %								
SEE DIRECT METHOD	<u>55 60 70 0 0</u> 100 100 100 100 100													
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0	ALWAYS	ENSURE THE TOTAL IS 100 %						
	COURSE OUTCOME	ATTAINMENT	LEVELS											
00.110	ASSESSMENT			FINAL CO	со	TARGET	CO Corrective Measures							
CO N0	(INTERNAL)	SEE	CEFB	ATTAINME NT	TARGET	ACHIEVED ?								
C01 C02	2	2	-	2	2	Yes								
	2	2	-	2.00	2	Yes 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	P07	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 Atta	ainments		
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 principle more comprehensively	s
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 I	PO Attainmen	ts	
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 KAML	A RAHEJA V <b>I</b> I					NVIRONMEN	TAL STUDIES						
		COURS		CHELORS OF			MENT							
					DETAILS									
PROGRAM ACADEMIC YEAR					SECO	2019-2020	ARCH							
SEMESTER		SEM 3 Only Sessionals (Internal)												
EXAMINATION SCHEME COURSE NAME (AS PER MU)														
COURSE CODE (AS PER MU)		Environmental Studies 3 BARC306												
FACULTY FACULTY INCHARGE		Kimaya Keluskar , Durvesh Mhatre, Minal, Sanjana Kimaya Keluskar												
TOTAL MARKS	Kimaya Keluskar 50													
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)													
CO, NO.	To be able to understand i				decise and s	nuirenmentel								
CO1	To be able to understand the relationship between built-environment design and environmental parameters including natural ventilation and air quality, daylight etc.													
CO2	To explore how the diff decisions, throu	To explore how the different environmental aspects inform thermally comfortable design decisions, through vernacular and contemporary case study approaches.												
CO3	To be able to recognize p built forms, construction	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.												
CO4	To be able to analytically u of the b	understand and ui <b>l</b> ding keeping				a resolution		L4 - Analyse (Dr	aw connections among ideas)					
	MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES													
CO. No	PO1	MAPPIN PO2	IG OF COUI PO3	RSE OUTCON PO4	IES AND PRO PO5	OGRAM OUTO	COMES PO7	PO8	CO AVERAGE					
CO1	2	3	3	2	1	1	2	1	1.88					
CO2 CO3	2	3	1	2	1	2	2	1	1.75 1.88					
CO4	3	2 2	2	1	2	2	2 3	1	1.88					
PO AVERAGE	2.25													
Conclusion and Resolution						lightly align v	with program	outcomes.						
1			CO	RRELATION L		POS SLIGHT (LOW	0							
2						DERATE (MED								
3						BTANTIAL (H								
0	+					CORRELATI								
3	CO PO MAPPIN	IG			•••••									
							• • • • • • • • • •							
2 1 0 P01 P02	P03 P04	PO5 3 CO4		06				MO	STANTIAL DERATE V CORRELATION					
1 0 P01 P02	🔳 CO1 📕 CO2 🔳 CC		PC	06 S W.R.T % OF	PO7		E TARGET M	MO 	DERATE N CORRELATION					
·	🔳 CO1 📕 CO2 🔳 CC	D3 CO4	PC		P07	SCORING TH LEVEL 3 60-89	% OF STUDE	M0 L01	CORRELATION					
1 PO1 PO2 PO3 PO3PO3 PO3PO3 PO3	Co1 Co2 CC DEFIN IF GREATER TH/	NED ATTAINME	PC	06 S W.R.T % OF LEVEL 1 10-29	P07 STUDENTS LEVEL 2	LEVEL 3	% OF STUDE	MO LOY 	DERATE N CORRELATION					
PO1     PO2     TOOLS     INTERNAL MARKS     PERC     COURSE OUTCO	CO1 CO2 CC DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET	NED ATTAINME	ENT LEVELS D D D D D D D D D D D D D D D D D D D	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	STUDENTS           LEVEL 2           30-59           CO4	LEVEL 3	% OF STUDE	MO LOY 	CORRELATION TARGET MARKS 30 N BE DECIDED AS PER SUBJECT					
1 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO	CO1 CO2 CC DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET	NED ATTAINME AN OR EQUAL TO FOR THE ASS CO1 100	ENT LEVELS D SESSEMNT CO2 100	06 S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100	P07 STUDENTS LEVEL 2 30-59 CO4 100	LEVEL 3 60-89 CO5	% OF STUDE	MO LOY 	CORRELATION					
1 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO	CO1 CO2 CC DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET	NED ATTAINME	ENT LEVELS D D D D D D D D D D D D D D D D D D D	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	STUDENTS           LEVEL 2           30-59           CO4	LEVEL 3 60-89	% OF STUDE	MO LON LON ARKS INTS ACHIEVE THE ARGET WEIGHTAGE CAI ALWAYS E	CORRELATION TARGET MARKS 30 N BE DECIDED AS PER SUBJECT					
1 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO	COURSE OUTCOME	CO1 CO1 100 0	ENT LEVELS D SESSEMNT CO2 100 0 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 0	007 STUDENTS LEVEL 2 30-59 CO4 100 0 0	LEVEL 3 60-89 CO5 100 0	% OF STUDE	MO LOY ARKS INTS ACHIEVE THE ARGET WEIGHTAGE CAI ALWAYS E ALWAYS E	CORRELATION TARGET MARKS 30 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %					
1 PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO	CO1 CO2 CO DEFIN IF GREATER TH/ ENTAGE WEIGHTAGE SET OMES	CO1 CO1 100 0	ENT LEVELS D SESSEMNT CO2 100 0 0	00 S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 100 100 0 FINAL CO ATTAINME	007 STUDENTS LEVEL 2 30-59 CO4 100	LEVEL 3 60-89 CO5 100 0 TARGET ACHIEVED	% OF STUDE	MO LOY ARKS INTS ACHIEVE THE ARGET WEIGHTAGE CAI ALWAYS E ALWAYS E	CORRELATION TARGET MARKS 30 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %					
TOOLS INTERNAL MARKS INTERNAL MARKS IRECT METHOD SOURSE EXIT FEEDBACK SURVEY CO N0 CO 1	COURSE OUTCOME / ASSESSMENT (INTERNAL) 2	CO1 FOR THE ASS CO1 100 0 CO1 100 0 CO1 100 0 CO1 100 0	ENT LEVELS	006 S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 100 0 FINAL CO ATTAINME NT 2.00	P07 STUDENTS LEVEL 2 30-59 CO4 100 100 0 CO TARGET 2.5	LEVEL 3 60-89 CO5 100 0 TARGET ACHIEVED ? No	% OF STUDE	MO LOV LOV ARKS ARKS WEIGHTAGE CAI ALWAYS E ALWAYS E ALWAYS E re Measures	V CORRELATION TARGET MARKS 30 NBE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %					
TOOLS INTERNAL MARKS INTERNAL MARKS PERC COURSE OUTCO VITERNAL MARKS INTERNAL MARKS CONSE EXIT FEEDBACK SURVEY CONS	COURSE OUTCOME / ASSESSMENT (INTERNAL)	CO4	PC PC PC PC PC PC PC PC PC PC	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 0 FINAL CO ATTAINME NT	**************************************	LEVEL 3 60-89 CO5 100 0 TARGET ACHIEVED ?	% OF STUDE	MO LOV LOV ARKS ARKS WEIGHTAGE CAI ALWAYS E ALWAYS E ALWAYS E re Measures n ventilation and To show s	V CORRELATION TARGET MARKS 30 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %					



	COURSE OUTCOME	ATTAINMENT LEVELS						
CO N0	(INTERNAL)		FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures		
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		
		CO A	TTAINTMENT					
FINAL CO ATTAINMENT								
CEFB								
SEE								
ASSESSMENT (INTERNAL)								
1	1.	25	1	1.5		1.75 2		
			CO2 CO3					



PROGRAM	SECOND YEA	R B-ARCH										
ACADEMIC YEAR	2019-2020				-							
SEMESTER	SEM 3											
EXAMINATION SCHEME	Only Sessiona	ls (Internal)										
COURSE NAME (AS PER MU)	Architectural R	chitectural Representation & Detailing 3										
COURSE CODE (AS PER MU)	BARC307	ARC307										
			СОРО	Mapping								
	201	500	500	201		500						
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8				
C01	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 Atta	ainments								
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURE	s				
CO1	Hone skills of	spatial observa	tion	2.00								
CO2	Translate their into cartograph	spatial observation observation observation observation observation observation observation observation observa	ations (seeing)	2.00								
CO3	Visualizing the	construct and	systems	2.00								
CO4	Technical repr	esentation of co	onstruct	2.00								
			Course-level	PO Attainment	ts							
PO1 Attainment	2.00 PO5 Attainment 2.00											
PO2 Attainment		2.00 PO6 Attainment 2.00										
PO3 Attainment			2.00		PO7 Attainm	ent		2.00				
PO4 Attainment			2.00		PO8 Attainm	ent		2.00				



	USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES											
	USM 5 KAMI				ARCHITEC		NVIRONMENI	AL STUDIES				
		cou	RSE OUTCON				MENT					
				COURSE	DETAILS							
PROGRAM						OND YEAR B	ARCH					
ACADEMIC YEAR						2019-2020						
SEMESTER						SEM 3						
EXAMINATION SCHEME		Only Sessionals (Internal)										
COURSE NAME (AS PER MU)		Architectural Representation & Detailing 3 BARC307										
COURSE CODE (AS PER MU) FACULTY			Kimaya Keli	iskar Rutika I	Parulkar Mami		Ginella Geor	ge, Kaushik, Vikram	Pawar			
FACULTY INCHARGE			Tanaya Ken		aranar, marri	Vikram Pawa		ge, radonik, vikiam				
TOTAL MARKS						100						
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)										
CO1		Hone skil	lls of spatial ob	oservation				L5 - Evaluate	(Justify a stand or decision)			
CO2	Translate their	spatial obser	vations (seeing	g) into cartogra	aphic drawings	;		L3 - Apply (Use	information in new situations)			
CO3		Visualizing	the construct a	and systems				L6 - Create (P	roduce new or original work)			
CO4		Technical re	epresentation	of construct				L3 - Apply (Use	information in new situations)			
l												
		MAPP	ING OF COU	RSE OUTCOM	IES AND PRO	GRAM OUT	COMES					
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 CO4	2 2	3	2	2	1 2	2	3	3	2.25			
PO AVERAGE	2.00	3.00	2.00	2.00	1.75	2.25	3.00	3.00	2.50			
Conclusion and Resolution							nigh resolutio					
			CO	RRELATION I	EVELS FOR	POS						
1												
						SLIGHT (LOV						
2					MOI	DERATE (MEI	DIUM)					
3					SUS	SBTANTIAL (H	HIGH)					
0					N	O CORRELAT	ION					
2	CO PO MAPPIN											
2	SUBSTANTIAL											
1	PO3 PO4 PO5 PO6 PO7											
P01 P02	PO3 PO4	P05 13 <mark>-</mark> C04	PC	D6	P07							



TOOLS	DEFI			LEVEL 1	LEVEL 2	LEVEL 3	E TARGET MARKS	TARGET MARKS
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL T	o	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE	60
							TARGET	00
PER	CENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			]	
COURSE OUTC	OMES	CO1	CO2	CO3	CO4	CO5		BE DECIDED AS PER SUBJECT
		100	100	100	100	100	ALWAYS EN	SURE THE TOTAL IS 100 %
IRECT METHOD OURSE EXIT FEEDBACK SURVEY		100 0	100 0	100	100 0	100 0	ALWAYS EN	SURE THE TOTAL IS 100 %
		Ū		0	0	Ū		
	COURSE OUTCOME	ATTAINMENT	LEVELS					
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures	
CO1	2		-	2.00	2	Yes		
CO2	2		-	2.00	2	Yes		
C03	2		-	2.00	2.2	No	Exercise on tec	hnical drawings to strenghten
CO4	2		-	2.00	2	Yes		
			co .	ATTAINTMENT				
FINAL CO ATTAINMENT			co .	ATTAINTMENT				
			CO .	ATTAINTMENT				
CEFB			CO .	ATTAINTMENT				
CEFB			CO .	ATTAINTMENT				
CEFB			CO .	ATTAINTMENT				
CEFB	11	25	CO .	ATTAINTMENT	1.5		1.75	2



	1											
PROGRAM	SECOND YEA	AR B-ARCH										
ACADEMIC YEAR	2019-2020											
SEMESTER	SEM 3											
EXAMINATION SCHEME	Only Sessiona	nly Sessionals (Internal)										
COURSE NAME (AS PER MU)	Architectural T	chitectural Theory 1										
COURSE CODE (AS PER MU)	BARC309	ARC309										
			СОРО	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 Atta	ainments	•							
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURE	S				
CO1	Understanding have shaped a		l concepts that inking	2.00								
	Analysing and		ion with									
CO2	respect to acts	s of design		2.00								
002	Applying the le	earning from v	arious	2.00								
	references of I	literature, visua	al art or film, by									
	placing the bu											
CO3	cultural and hi	storical contex	l	2.00								
			Course-level	PO Attainmen	ts							
PO1 Attainment	t		2.00		PO5 Attainm	nent		2.00				
PO2 Attainment			2.00		PO6 Attainm			2.00				
PO3 Attainment			2.00		PO7 Attainm			2.00				
PO4 Attainment			2.00		PO8 Attainm			2.00				



	USM'S KAML	A RAHEJA V	IDYANIDHI II	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENTAL STUDIES						
			BA	CHELORS OF	ARCHITECT	URE							
		COUF		ME AND PRO	GRAM OUTC	OME ASSESS	SMENT						
PROGRAM				COURSE	DETAILS	OND YEAR B	ADOLL						
ACADEMIC YEAR					SEC	2019-2020	ARCH						
SEMESTER					0.1	SEM 3	terme D						
EXAMINATION SCHEME OURSE NAME (AS PER MU)						Sessionals (Ir itectural Theo							
OURSE CODE (AS PER MU)						BARC309	•						
FACULTY FACULTY INCHARGE		Manoj Parmar, Rutika Parulkar Manoj Parmar, Rutika Parulkar											
TOTAL MARKS		50											
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)											
CO1	Understanding the	Understanding the ideas and concepts that have shaped architectural thinking L2 - Understand (Explain ideas or concepts)											
CO2	Analysing	and taking a	position with ı	respect to acts	of design		L4 - Analyse (D	raw connections among ideas)					
CO3	Applying the learning from obje			ature, visual an nd historical co		acing the built	L3 - Apply (Use	information in new situations)					
CO. No	PO1	MAPPI PO2	ING OF COU PO3	RSE OUTCOM PO4	IES AND PRO	OGRAM OUT	COMES PO7 PO8	CO AVERAGE					
CO. No CO1	P01	3	3	0	0	P06 3	P07 P08 3 0	2.60					
CO2	1	3	2	1	0	3	3 2	2.14					
CO3 PO AVERAGE	0 1.00	0 3.00	1 2.00	0 1.00	1 1.00	3 3.00	3 0 3.00 2.00	2.00					
onclusion and Resolution		0.00		1.00			te resolution.						
			со	RRELATION I	EVELS FOR	POS							
1						SLIGHT (LOV	/)						
2					MO	DERATE (MED	DIUM)						
3					SUS	BTANTIAL (H	liGH)						
0					NC	O CORRELAT	ION						
		NG											
								DERATE					
							ro	w					
							N	) CORRELATION					
P01 P02	P03 P04	PO5 CO3	P	06	P07								
	DEFIN						E TARGET MARKS	l					
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS					
INTERNAL MARKS	IF GREATER TH	AN OR EQUAL 1	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	35					
	ENTAGE WEIGHTAGE SET												
COURSE OUTCO	OMES	CO1	CO2	CO3	CO4	CO5	4	N BE DECIDED AS PER SUBJECT					
NAL MARKS													
NAL MARKS T METHOD SE EXIT FEEDBACK SURVEY		100 100	100 100	100	100	100		INSURE THE TOTAL IS 100 %					



	 COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED ?	CO Corrective Measures
CO1	2		-	2.00	2	Yes	
CO2	2		-	2.00	1.5	Yes	
CO3	2		-	2.00	2	Yes	
			CO A	ATTAINTMENT	1		
FINAL CO ATTAINMENT							
CEFB							
02.0							
SEE							
ULL							
ASSESSMENT (INTERNAL)							
NOLOGINEIT (INTERNAL)							
1	1	1.25			1.5		1.75 2
			CO1	📕 CO2 🔳 CO	03		



ACADEMIC	SECOND YEA											
VEAD												
YEAR	2019-2020											
SEMESTER	SEM 3											
EXAMINATION SCHEME	Only Sessiona	Only Sessionals (Internal)										
COURSE NAME (AS PER MU)	College Projects 3											
COURSE CODE (AS PER MU)	BARP320											
			СОРО	Mapping								
CO. No	P01	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 144									
			COAtta	ainments FINAL CO								
CO. No	CO STATEMEN			ATTAINMENT	CO	CORRECTIV	E MEASURE	S				
CO1	To understand fundamental c design			3.00								
CO2	Understanding have shaped a		l concepts that inking	3.00								
	Analysing and respect to acts											
CO4	references of I placing the bui	3.00       oplying the learning from various       ferences of literature, visual art or film, by       acing the built object in conceptual,       Itural and historical context       3.00										
			Course-level	PO Attainment	S							

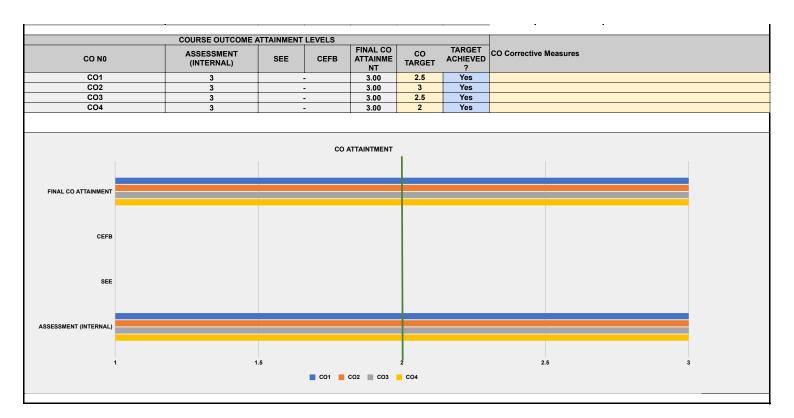
		licitto	
PO1 Attainment	3.00	PO5 Attainment	3.00
PO2 Attainment	3.00	PO6 Attainment	3.00
PO3 Attainment	3.00	PO7 Attainment	3.00



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

BACHELORS OF ARCHITECTURE												
		COUF		IE AND PRO	GRAM OUTCO	OME ASSESS	SMENT					
				COURSE	DETAILS							
PROGRAM ACADEMIC YEAR					SECO	2019-2020	ARCH					
SEMESTER						SEM 3						
EXAMINATION SCHEME COURSE NAME (AS PER MU)	(					Sessionals (Ir llege Projects						
COURSE CODE (AS PER MU)						BARP320						
FACULTY FACULTY INCHARGE	SONAL SANCHETI, N	IEMISH SHAI	h, advait pc	TNIS, PINKIS	SH SHAH, JIG	RUTIKA P	I, QUAID DOC	NGERWALA, ROF	IAN CHAVAN, MANOJ PARMAR, RUTIKA P			
TOTAL MARKS						100						
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)										
C01	To understand an	COURSE OUTCOME     RBT (REVISED BLOOMS TAXONOMY)       To understand and analyze the fundamental concepts around spatial design     L1 - Remember (Recall facts and basic concepts)										
CO2	Understanding the	ideas and co	oncepts that ha	ave shaped ar	chitectural thir	nking		L4 - Analyse (Dr	aw connections among ideas)			
CO3	Analysing	and taking a	position with r	espect to acts	s of design			L5 - Evaluate (	Justify a stand or decision)			
CO4	Applying the learning from object		ences of litera ual, cultural an			acing the built		L3 - Apply (Use	information in new situations)			
	501							500	CO 1//59405			
CO. No CO1	P01 2	PO2 0	PO3	PO4 2	PO5 0	PO6	P07	PO8 1	CO AVERAGE 1.33			
C02	1	3	3	0	0	3	3	0	2.60			
CO3	1	3	2	0	0	3	3	2	2.33			
CO4 PO AVERAGE	0 1.33	0 3.00	1.75	0 2.00	1	3 2.50	3 2.50	0	2.00			
Conclusion and Resolution				provide extr	a hours for m	odelling and		nent of individual	design processes. The course should be able			
			CO	RELATION	LEVELS FOR		0					
2						SLIGHT (LOV	,					
3						DERATE (MEI BTANTIAL (H						
0						CORRELAT	,					
• 						J GOI ALE A						
	CO PO MAPPIN											
3								MOI	STANTIAL DERATE V			
0 PO1 PO2	P03 P04	P05 03 <mark>C</mark> 04	PC	26	P07							
	DEFIN				STUDENTO	SCODING TI	IE TARGET M	ADKS				
TOOLS	DEFIN			LEVEL 1	LEVEL 2	LEVEL 3		AKNO	TARGET MARKS			
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE 70											
PERCE	ENTAGE WEIGHTAGE SET	FOR THE AS	SSESSEMNT	TOOLS			1					
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5			BE DECIDED AS PER SUBJECT			
INTERNAL MARKS DIRECT METHOD		100	100	100	100	0		ALWAYS E	NSURE THE TOTAL IS 100 %			
COURSE EXIT FEEDBACK SURVEY		100 0	100 0	100 0	100 0	100 0		ALWAYS E	NSURE THE TOTAL IS 100 %			





Back to Contents page



# PROGRAMSECONDACADEMIC<br/>YEAR2019-2020SEMESTERSEM 4EXAMINATION<br/>SCHEMESessionalsCOURSE NAME<br/>(AS PER MU)Architectur<br/>BARC401

SECOND YEAR B-ARCH 2019-2020 SEM 4 Sessionals (Internal) + External (Jury) Architectural Design Studio 4

### **COPO Mapping**

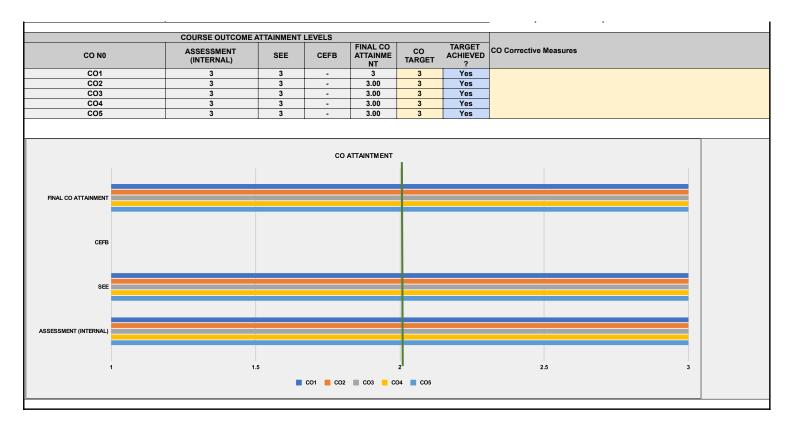
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	2	3	2	0
CO2	1	1	1	2	0	2	2	0
CO3	0	2	2	0	3	1	0	1
CO4	3	1	3	3	3	3	3	0
CO5	1	2	1	0	1	0	0	1

	CO Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	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		
	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			
CO5	elevations	3.00		
	Course-level		te	
DO1 Attainment				2 00
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 KAM	LA RAHEJA V	/IDYANIDHI I	NSTITUTE FO	OR ARCHITEC	TURE AND EI	NVIRONMENT	AL STUDIES					
			ВА	CHELORS O	FARCHITECT	URE							
		COUR	RSE OUTCO	ME AND PRO	GRAM OUTCO	ME ASSESS	MENT						
	1			COURS	E DETAILS		40011						
PROGRAM ACADEMIC YEAR					SEC	2019-2020	ARCH						
SEMESTER					0	SEM 4	term al ( bar )						
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Ex ctural Design							
COURSE CODE (AS PER MU)						BARC401							
FACULTY FACULTY INCHARGE	Pinkish, Sonal, Shirish, Ekta, Nemish, Apurva, Advait, Jignesh, Jeet Nemish												
TOTAL MARKS		200											
CO. No.		COU	IRSE OUTC	OME				RBT (REVISE	ED BLOOMS TAXONOMY)				
C01	To evaluate idea of region a trip and study drawings	and context in r	relation with th	ne idea of buil	t and unbuilt th	rough study		L5 - Evaluate	(Justify a stand or decision)				
C02	To Understand Landform ar design	nd ecological c	conditions of d	ifferent region	s and its implic	ations on		L2 - Understan	d (Explain ideas or concepts)				
СОЗ	To create and map, differen	t land condition	ns, draw and	represent ther	n			L6 - Create (P	roduce new or original work)				
CO4	To Analyze formal articulation	on and the me	aning of langu	lage in archite	cture			L4 - Analyse (D	raw connections among ideas)				
CO5	To apply different modes of in producing key component	representatior ts of represent	ns by imaginin tation like pla	ng spaces at v n, sections and	arious scales to d elevations	o help them		L3 - Apply (Use	information in new situations)				
00.11	<b>D</b> C1				MES AND PRO			DCA					
CO. No CO1	PO1 3	PO2 3	PO3 2	PO4 3	PO5	PO6 3	P07 2	PO8 0	CO AVERAGE 2.57				
CO2	1	1	1	2	0	2	2	0	1.50				
CO3 CO4	0 3	2	2	0	3	1	03	<u> </u>	1.80 2.71				
C04	1	2	1	0	1	0	0	1	1.20				
PO AVERAGE Conclusion and Resolution	2.00	1.80	1.80	2.67	2.25	2.25	2.33	1.00					
	1		co	RRELATION	LEVELS FOR								
1						SLIGHT (LOW							
2						DERATE (MED							
3						SBTANTIAL (H							
0					INC	) CORRELATI							
	CO PO MAPPIN	IG											
3									TANTIAL				
2	11							мор	ERATE				
	Low												
P01 P02	P03 P04 P05 P06 P07												
	DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS												
TOOLS	DEFI		WENTLEVEL	S W.R.T % O	LEVEL 2	LEVEL 3	E TARGET MA	KKS	TARGET MARKS				
SEE	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDE	NTS ACHIEVE THE ARGET	60				
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE 65												
		FOR THE AS	CECCIMIT			•							
COURSE OUTCO	ENTAGE WEIGHTAGE SET MES	FOR THE AS	CO2	CO3	CO4	CO5		WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT				
INTERNAL MARKS		55	40	30	70	50			ISURE THE TOTAL IS 100 %				
SEE DIRECT METHOD		45 100	60 100	70 100	30 100	50 100							
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALWAYS EN	ISURE THE TOTAL IS 100 %				







PROGRAM	SECOND YEA	AR B-ARCH							
ACADEMIC	L				1				
YEAR	2019-2020								
SEMESTER EXAMINATION	SEM 4								
SCHEME	Only Sessiona	als (Internal)							
COURSE NAME									
(AS PER MU) COURSE CODE	Allied Design	Studio 4							
(AS PER MU)	BARC402								
			COPO	Mapping					
			COPU	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	
				ainments					
			00 All	FINAL CO					
CO. No	CO STATEMEN	ITS		ATTAINMENT	со	CORRECTIV	E MEASURE	S	
CO1	To understand form and perfo	the influence ormance.	of material on	2.00					
CO2		nodel making p nplex formal st		2.00					
CO3	To evaluate th function and p	e design for the recision.	e desired	2.00					
CO4		gns that utilize I other constrai		2.00					
					•				
			Course-level I	PO Attainmen	ts				
PO1 Attainmen			2.00		PO5 Attainm			2.00	
PO2 Attainmen			2.00		PO6 Attainm			2.00	
PO3 Attainmen			2.00		PO7 Attainm			2.00	
PO4 Attainmen	t		2.00		PO8 Attainm	ent		2.00	

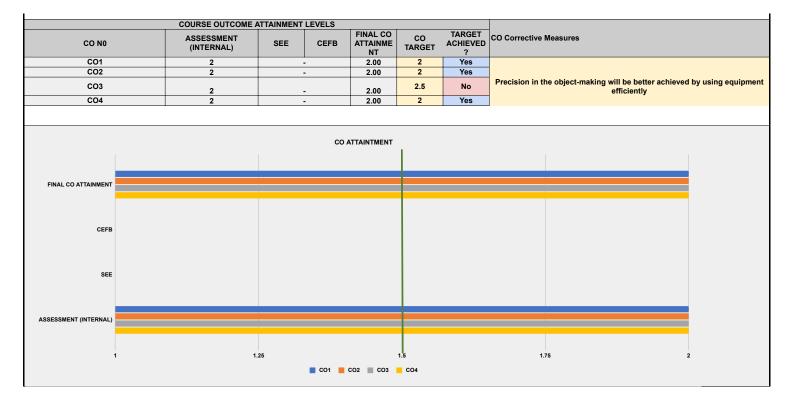
Vidyanidhi Bhavan II, Vidyanidhi Marg, JVPD Scheme Mumbai-400 049, India Tel: (91-22) 2670 0918 | 2620 8539 | admin@krvia.ac.in | www.krvia.ac.in

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	USM'S KAML	A RAHEJA V	IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E		ITAL STUDIES			
					FARCHITECT						
		COUR		ME AND PRO	GRAM OUTC	OME ASSES	SMENT				
				COURSE	EDETAILS						
PROGRAM					SECO	OND YEAR B					
ACADEMIC YEAR						2019-2020					
SEMESTER EXAMINATION SCHEME		SEM 4 Only Sessionals (Internal)									
COURSE NAME (AS PER MU)	7					Sessionals (in Design Stud					
COURSE CODE (AS PER MU)					Alle	BARC402	10 4				
FACULTY		HU	ISSAIN INDO	REWALA, GE	ORGE JACO		ATT. GINELLA	GEORGE, SAURA	BH BARDE.		
FACULTY INCHARGE				· · · · · ·		EORGE JAC		·			
TOTAL MARKS						100					
CO. No.		0		OME							
	To underste				norformanaa						
C01		and the influen	ce or material	i on iorm and p	periormance.			L2 - Understan	d (Explain ideas or concepts)		
CO2	To apply the mod	del making pro	ocess to deter	mine complex	formal strateg	ies.		L3 - Apply (Use	information in new situations)		
CO3	To evalua	ate the design	for the desire	d function and	precision.			L5 - Evaluate	(Justify a stand or decision)		
CO4	To create designs that	utilize materia	al properties a	and other cons	straints set in tl	ne studio.		L6 - Create (P	roduce new or original work)		
							-1				
00 N-	004				MES AND PRO			BOC			
CO. No CO1	P01	PO2 2	PO3 3	PO4 0	PO5	PO6 1	PO7 0	PO8 0	CO AVERAGE 1.75		
CO2	0	3	3	0	1	1	1	1	1.75		
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									plication of the strategies was explored an		
			CO		LEVELS FOR						
1			co		LEVELS FOR						
1 2			CO		LEVELS FOR	POS	V)				
			co		LEVELS FOR	POS SLIGHT (LOV	V) DIUM)				
2			co		LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI	V) DIUM) HIGH)				
2 3	CO PO MAPPIN	NG	co		LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	V) DIUM) HIGH)		STANTIAL		
2 3 0	CO PO MAPPIN	NG	CO		LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	V) DIUM) HIGH) TON	SUE	DERATE		
2 3 0				RRELATION		POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	V) DIUM) HIGH) 10N	SUE	DERATE		
2 3 0	CO PO MAPPIN	POS		RRELATION	LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H	V) DIUM) HIGH) 10N	SUE MO	DERATE		
2 3 0	P03 P04	P05	Pi	RRELATION I	LEVELS FOR MOI SUS NO	POS SLIGHT (LOV DERATE (MEI SBTANTIAL (H D CORRELAT	V) DIUM) HIGH) TON	SUE	DERATE N O CORRELATION		
2 3 0	P03 P04	P05 D3 C04	Pi AENT LEVEL	RRELATION	LEVELS FOR	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (F ) CORRELAT	V) DIUM) HIGH) TON HE TARGET M	SUE SUE MO LO NO NO	DERATE N CORRELATION TARGET MARKS		
2 3 0 3 2 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/	P05 23 CO4	Pr MENT LEVEL	RRELATION I	LEVELS FOR MOI SUS NO	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (F ) CORRELAT	V) DIUM) HIGH) TON HE TARGET M	SUE SUE MO LO LO	DERATE N O CORRELATION		
2 3 0 3 2 4 5 1 5 1 5 1 5 1 5 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ EENTAGE WEIGHTAGE SET	PO5 PO5 23 CO4	P MENT LEVEL TO SSESSEMNT	RRELATION I	LEVELS FOR MOI SUS NO	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H D CORRELAT	V) DIUM) HIGH) TON HE TARGET M	SUE SUE MO LO LO MO	DERATE N CORRELATION TARGET MARKS 65		
2 3 0 3 2 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ EENTAGE WEIGHTAGE SET	P05 P05 03 C04 NED ATTAINM AN OR EQUAL 1 FOR THE AS CO1	P MENT LEVEL: TO SSESSEMNT CO2	RRELATION I	LEVELS FOR MOI SUS NO NO PO7	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H D CORRELAT CORRELAT	V) DIUM) HIGH) TON HE TARGET M	SUE SUE MO	DERATE N OCORRELATION TARGET MARKS 65 N BE DECIDED AS PER SUBJECT		
2 3 0 3 2 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ EENTAGE WEIGHTAGE SET	PO5 PO5 23 CO4	P MENT LEVEL TO SSESSEMNT	RRELATION I	LEVELS FOR MOI SUS NO	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H D CORRELAT	V) DIUM) HIGH) TON HE TARGET M	SUE SUE NO	DERATE N CORRELATION TARGET MARKS 65		







PROGRAM

ACADEMIC YEAR

SEMESTER

SECOND YEAR B-ARCH

2020-2021 SEM 4

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

SEMESTER										
EXAMINATION SCHEME	Sessionals (Internal) + Theory (Exam)									
COURSE NAME (AS PER MU)	Architectural Building Construction 4									
COURSE CODE (AS PER MU)	BARC403									
()										
			СОРО	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 Att	ainments						
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES					
CO1	diversity and i	d, read and lead ts correlation w systems and tea	vith	2,70	Achieved as	planned				
	To deve <b>l</b> op an design decisio	alytical framewons with referent environmental	vorks to inform nce to material							
CO2				2.55	Achieved as	planned				
000	different influe	observe, read a ences based or functional, and region.	ı	0.70						
CO3	To double the		4	2.70	Achieved as	planned				
	design drawin	e ability to crea gs integral to n I systems, and	naterial,							
CO4				2.60	Achieved as	planned				
					•					
			Course-level	PO Attainmen	ts					
PO1 Attainmen	ıt		2.66		PO5 Attainm	nent		2.68		
PO2 Attainmen	t		2.63		PO6 Attainm	nent		2.64		
PO3 Attainmen	ıt		2.64		PO7 Attainm	nent		2.64		
PO4 Attainmen	t		2.65		PO8 Attainm	nent		2.63		



	USM'S KAML	A RAHEJA V		CHELORS OF			NVIRONMENTAL STUDIES				
		COUF	RSEOUTCON	E AND PROG		OME ASSESS	IMEN I				
PROGRAM				COURSE		OND YEAR B	ARCH				
ACADEMIC YEAR		2020-2021									
SEMESTER EXAMINATION SCHEME		SEM 4 Sessionals (Internal) + Theory (Exam)									
COURSE NAME (AS PER MU)						I Building Con					
COURSE CODE (AS PER MU) FACULTY			Vila	rom Momto C	horu Dhorm	BARC403	Shuchi, Minal, Karan, Aishwar	10			
FACULTY INCHARGE			VIKI	ram, Mamia, C	nam, Dhann	Vikram	Shuchi, Milial, Kalah, Alshwar	/a			
TOTAL MARKS						100					
CO. No.		00	IRSE OUTC	OME			PBT (PE)	ISED BLOOMS TAXONOMY)			
CO. NO.								ISED BECOMS TAXONOMT)			
CO1	To understand, read and		and tectonics		with construc	tion systems	L2 - Underst	and (Explain ideas or concepts)			
	To develop analytical fra	meworks to in	form design d	lecisions with r	eference to r	aterial and					
CO2	To develop undrylodi na		environmenta				I 4 - Analyse	Draw connections among ideas)			
001							L+ - Analyse				
	To be able to o	bserve, read a	and document	different influe	nces based	on					
CO3	socio cultu	al, functional,	and geograp	hical means of	the region.		L5 - Evalua	te (Justify a stand or decision)			
	To develop the ability to cr	eate, represe	nt. design dra	wings integral	to material, e	nvironmenta					
CO4			ems, and tecto				L3 - Apply (U	se information in new situations)			
								, i			
		MAPP	NG OF COU	RSE OUTCOM	ES AND PR	OGRAM OUT	COMES				
CO. No	P01	PO2	PO3	PO4	PO5	PO6	PO7 PO8	CO AVERAGE			
C01	2	0	0	3	2	3	2 1	2.17			
CO2 CO3	3	1	1 3	2 3	0 3	3	2 2 3 2	1.71 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			Le	arner needs t	o be encour	aged to carry	learnings into other subject	S			
						,, ,	,	-			
			CO	RRELATION L	EVELS FOR	POS					
1						SLIGHT (LOW	/)				
2					MOI	DERATE (MED	DIUM)				
3											
						SBTANTIAL (H					
0					N	CORRELAT	ION				
3	CO PO MAPPIN	IG									
2 1 0 PO1 PO2	Po3 Po4 Co1 Co2 Co2		PC					IODERATE LOW			
	DEFIN			S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS				
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS			
SEE	IF GREATER TH	N OR EQUAL	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE TH TARGET	E 28			
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE TH TARGET	E 29			
PERCE	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS							
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5	WEIGHTAGE (	AN BE DECIDED AS PER SUBJECT			
TERNAL MARKS		70	55	70	60	0		ENSURE THE TOTAL IS 100 %			
E RECT METHOD		30 100	45 100	30 100	40 100	0					
OURSE EXIT FEEDBACK SURVEY											
	COURSE OUTCOME		LEVELS	FINAL CO		TARGET					
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	ATTAINME	CO TARGET	ACHIEVED	CO Corrective Measures				
CO1	3	2	-	NT 2.7	2.5	? Yes		Achieved as planned			
LLV <sup>3</sup>		4	-								
CO2	3	2	-	2.55	2.5	Yes		Achieved as planned			
	3 3 3	2 2 2	-	2.55 2.70 2.60							







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**

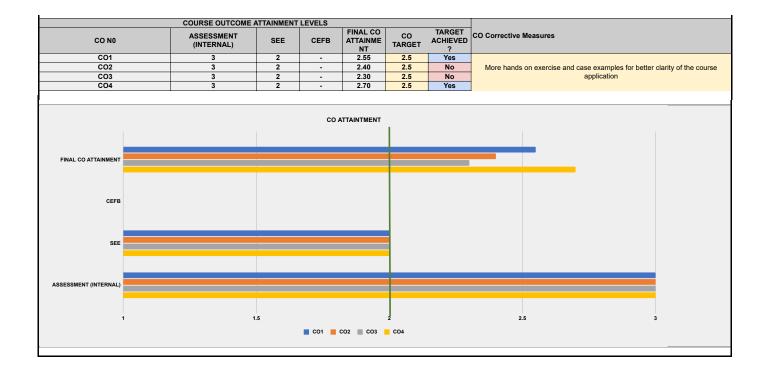
				-				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	2	2	1	3	0	1
CO2	3	3	1	0	0	2	2	1
CO3	2	2	2	0	1	3	2	1
CO4	2	1	3	2	2	2	2	2

CO Attainments								
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES					
C01	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 better clarity of the course application	for				
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.							
	Course-level l	PO Attainmen	ts					
PO1 Attainment	t 2.49		PO5 Attainment 2	2.56				
PO2 Attainment	t 2.44		PO6 Attainment 2	2.48				
PO3 Attainment	t 2.53		PO7 Attainment 2	2.47				
PO4 Attainment	t 2.63		PO8 Attainment 2	2.53				



	USM'S KAML	A RAHEJA V	IDYANIDHI IN	ISTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES	
			BAG	CHELORS OF	ARCHITECT	URE			
		COUR		E AND PRO	GRAM OUTCO	OME ASSESS	SMENT		
				COURSE	DETAILS				
PROGRAM ACADEMIC YEAR					SECO	2019-2020	ARCH		
SEMESTER EXAMINATION SCHEME	SEM 4 Sessionals (Internal) + Theory (Exam)								
COURSE NAME (AS PER MU)	(					Design of Stru			
COURSE CODE (AS PER MU) FACULTY						BARC404 Rajitha, Vikrai	m		
FACULTY INCHARGE						Vikram			
TOTAL MARKS						100			
CO. No.		COU	IRSE OUTC	OME				RBT (REVISE	D BLOOMS TAXONOMY)
C01	Develop an understandin			t column throu tructural syste		nd methods		L2 - Understand	(Explain ideas or concepts)
000	Developing the skill to a					) through		L. Angelene (Due	
C02	theories and calculations							L4 - Analyse (Dra	w connections among ideas)
CO3	In-depth understanding o	of soil properti	es and its me	chanics and its	s impact on th	e structural		L4 - Analyse (Dra	w connections among ideas)
			design						
CO4	Develop a perspective of	on the importa	ance of techni	cal knowledge	and its applic	ation with		L3 - Apply (Use in	formation in new situations)
	respe	ect to the role	of an archited	t as a profess	ional.				
		MADD		RSE OUTCOM			COMES		
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
C01 C02	3	1 3	2	2	1	3	0 2	1	1.86 2.00
CO3	2	2	2	0	1	3	2	1	1.86
CO4 PO AVERAGE	2 2.50	1	3 2.00	2	2	2 2.50	2 2.00	2 1.25	2.00
Conclusion and Resolution			1	1					and its application in profession
			ig of structur	ul members (			rough theories		
			00	RRELATION L		POS			
1			00	RELATION		SLIGHT (LOV	Δ		
							*)		
	MODERATE (MEDIUM)								
2									
					SUS	DERATE (MEI BTANTIAL (H D CORRELAT	lIGH)		
2 3	CO PO MAPPIN	IG			SUS	BTANTIAL (F	lIGH)		
2 3	CO PO MAPPIN	IG			SUS	BTANTIAL (H	lIGH)		TANTIAL
2 3	CO PO MAPPIN	16			SUS	BTANTIAL (H	iigh) Ion	SUBS"	
2 3 0	CO PO MAPPIN	IG			SUS	BTANTIAL (H	iigh) Ion		
2 3 0	CO PO MAPPIN	IG			SUS	BTANTIAL (H	IIGH) ION	SUBS"	
2 3 0	CO PO MAPPIN	6			SUS	BTANTIAL (H	IIGH) ION	SUBS	
2 3 0	CO PO MAPPIN	IG			SUS	BTANTIAL (H	IIGH) ION	SUBS	
2 3 0	СО РО МАРРІN	IG		96	SUS	BTANTIAL (H	IIGH) ION	SUBS MODI	
		POS	PC		SUS	BTANTIAL (H	IIGH) ION	SUBS MODI	RATE
	P03 P04	PO5 3 CO4			SUS NC	BTANTIAL (H	IIGH) ION	SUB5 MOD	RATE
	P03 P04	PO5 3 CO4			SUS NC	BTANTIAL (H	IIGH) ION	SUB5 MODI	RATE
2 3 0 3 2 1 PO1 PO2	P03 P04	PO5 3 CO4	IENT LEVELS	S W.R.T % OF	SUS NC	SBTANTIAL (H	IIGH) ION IE TARGET MA % OF STUDEN	SUB5 MODI	CORRELATION
2 3 0 3 2 1 PO1 PO2 TOOLS	P03 P04 C01 C02 C0 DEFIN	POS 3 CO4	IENT LEVELS	S W.R.T % OF	SUS NC	SCORING TH	IIGH) ION IE TARGET MA % OF STUDEN % OF STUDEN	SUBS MOD	CORRELATION
2 3 0 3 2 1 PO1 PO2 TOOLS SEE INTERNAL MARKS	PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER THA IF GREATER THA	POS POS CO4 IED ATTAINM IN OR EQUAL 1	IENT LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29	SUS NC P07 STUDENTS LEVEL 2 30-59	SCORING TH LEVEL 3 60-89	IIGH) ION IE TARGET MA % OF STUDEN % OF STUDEN	SUBS MODI	CORRELATION
2 3 0 3 2 1 PO1 PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCO	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA	PO5 PO5 CO4	TO TO SSESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	SUS NC P07 STUDENTS LEVEL 2 30-59 30-59 CO4	SCORING TH LEVEL 3 60-89	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MODI	CORRELATION
2 3 0 3 2 1 POI PO2 FO2 TOOLS SEE INTERNAL MARKS PERCEI COURSE OUTCOI INTERNAL MARKS	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA	POS POS CO4 IED ATTAINN IN OR EQUAL 1 IN OR EQUAL 1 FOR THE AS CO1 55	ro SSESSEMNT CO2 40	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30	SUS NC NC STUDENTS LEVEL 2 30-59 30-59 CC04 70	SCORING TH LEVEL 3 60-89 60-89	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MODI	CORRELATION TARGET MARKS 33 35
2 3 0 3 2 1 PO1 PO1 PO2 TOOLS SEE INTERNAL MARKS SEE DIRECT METHOD	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA	PO5 PO5 3 CO4 IED ATTAINN IN OR EQUAL 1 FOR THE ASS CO1 55 45 100	TO TO SSESSEMNT CO2 40 60 100	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100	SUS NC P07 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	BTANTIAL (H CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 CO5 100	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MOD	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT
2 3 0 3 2 1 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA IF GREATER THA STAGE WEIGHTAGE SET MES	PO5 PO5 3 CO4 IED ATTAINN IN OR EQUAL 1 FOR THE AS CO1 55 45 100 0	IENT LEVELS           ro           ssessemnt           CO2           40           60           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70	SUS NC PO7 STUDENTS LEVEL 2 30-59 30-59 30-59 CO4 70 30	SCORING TH LEVEL 3 60-89 CO5	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MOD	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %
2 3 0 3 2 1 PO1 PO2 PO1 PO2 PO2 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA IF GREATER THA IF GREATER THA COURSE OUTCOME A	PO5 PO5 3 CO4 IED ATTAINN IN OR EQUAL 1 FOR THE AS CO1 55 45 100 0	IENT LEVELS           ro           ssessemnt           CO2           40           60           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 0 0	SUS NC NC STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100 0	BTANTIAL (H CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 100 0	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MODI	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %
2 3 0 3 2 1 PO1 PO2 PO1 PO2 PO2 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA IF GREATER THA STAGE WEIGHTAGE SET MES	PO5 PO5 3 CO4 IED ATTAINN IN OR EQUAL 1 FOR THE AS CO1 55 45 100 0	IENT LEVELS           ro           ssessemnt           CO2           40           60           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0	SUS NC P07 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	SCORING TH LEVEL 3 60-89 60-89 60-89 700 100 0	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI	SUBS MODI	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %
2 3 0 0 3 2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA IF GREATER THA IF GREATER THA COURSE OUTCOME A ASSESSMENT (INTERNAL) 3	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	IENT LEVELS	S W.R. T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME NT 2.55	SUS NC NC STUDENTS LEVEL 2 30-59 30-59 30-59 30-59 30-59 30-59 30-59 30-59 2.5	SCORING TH LEVEL 3 60-89 60-89 60-89 700 100 0 74RGET ACHEVED ? Yes	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI % OF STUDEN TAI % OF STUDEN	SUBS MODI	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 % SURE THE TOTAL IS 100 %
2 3 0 3 2 1 PO1 PO2 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER THA IF GREATER THA IF GREATER THA IF GREATER THA IF GREATER THA COURSE OUTCOME A ASSESSMENT (INTERNAL)	POS POS POS POS POS POS POS POS POS POS	ro ro SSESSEMNT CO2 40 60 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME NT	SUS NC NC STUDENTS LEVEL 2 30-59 30-59 30-59 30-59 CO4 70 30 100 0 CO TARGET	SCORRELAT	IIGH) ION IE TARGET MA % OF STUDEN TAI % OF STUDEN TAI % OF STUDEN TAI % OF STUDEN	SUBS MODI	CORRELATION TARGET MARKS 33 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %







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PROGRAM	SECOND YEA	R B-ARCH								
ACADEMIC YEAR	2019-2020	2019-2020								
SEMESTER	SEM 4	SEM 4								
EXAMINATION SCHEME	Sessionals (Int	Sessionals (Internal) + Theory (Exam)								
COURSE NAME (AS PER MU)	Humanities 4									
COURSE CODE (AS PER MU)	BARC405									
			СОРО	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 4#	ainments	•	•	•			
CO. No	CO STATEMEN	TS	00 All	FINAL CO	со	CORRECTIV	E MEASURE	S		
CO1	Understanding of socio cultura	architecture as	s an outcome	2.00	Can incorpora	ate site visits	3			
CO2	Analysing histo implications or			2.00						
CO3	Adopting the n chronological s that lead to a p		ss the ideas	2.00						
			Course lovel	PO Attainment	to					
PO1 Attainment			Course-level	- O Attainment	PO5 Attainm	ont		2.00		
PO1 Attainment			2.00		PO5 Attainm			2.00		
PO2 Attainment			2.00		PO7 Attainm			2.00		
PO3 Attainment			2.00		PO7 Attainin PO8 Attainm			2.00		



							NVIRONMENTAL STUD	NES			
		LA KAREJA		CHELORS OF				ле <del>з</del>			
		COU		ME AND PROG			MENT				
				COURSE	DETAILS						
PROGRAM						OND YEAR B-	ARCH				
ACADEMIC YEAR SEMESTER		2019-2020 SEM 4									
EXAMINATION SCHEME					Sessionals	(Internal) + Th	eory (Exam)				
COURSE NAME (AS PER MU)					Cocontrato	Humanities 4					
COURSE CODE (AS PER MU)						BARC405					
FACULTY FACULTY INCHARGE						kar, Jamshid E shid Bhiwandi					
TOTAL MARKS					Jan	100	walla				
CO. No.			IRSE OUTC						D BLOOMS TAXONOMY)		
C01	Understandin	g architecture	as an outcom	e of socio cultu	ural processes		L2 -	Understand	d (Explain ideas or concepts)		
CO2	Analysing his	torical ideas a	and their implic	cations on arch	itectural form		L4 - A	Analyse (Dra	aw connections among ideas)		
CO3	Adopting the modes of pro		hronological s		iss the ideas ti	nat lead to a	L6	- Create (Pr	oduce new or original work)		
CO. No	PO1	MAPP PO2	ING OF COU PO3	RSE OUTCON PO4	NES AND PRO PO5	GRAM OUTO		08	CO AVERAGE		
CO. No CO1	2	2	1	2	0	3		3	2.29		
CO2	1	2	0	0	1	3		3	2.00		
CO3	1	0	0	0	0	3		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 achie	eves a modera	ate resolution.				
			00	RRELATION L	EVELS FOR	POS					
1						SLIGHT (LOW	/)				
2					MO	DERATE (MED	DIUM)				
3					SUS	SBTANTIAL (H	lIGH)				
0					NC	O CORRELATI	ION				
		IG									
3						.			ANTIAL		
								SUBSI	ANTIAL		
2			•••••			•	•••••	 MODE	RATE		
1											
								row			
0 PO1 PO2	P03 P04	PO5	P	26	P07		•••••	NO C	CORRELATION		
102			F.								
	📕 CO1 📕 CO2 📗	003									
TOOLS	DEFI	NED ATTAIN	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS	ŀ	TARGET MARKS		
SEE	IF GREATER THA	N OR EQUAL T	o	10-29	30-59	60-89	% OF STUDENTS ACHI		34		
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	TARGET				
							% OF STUDENTS ACHI TARGET		37		
PERC COURSE OUTCO	ENTAGE WEIGHTAGE SET	FOR THE AS CO1	SESSEMNT 1 CO2	COLS CO3	CO4	CO5	WEIGH		BE DECIDED AS PER SUBJECT		
ERNAL MARKS	0	55	40	30	0	0					
		45	60	70	0	0		ALWATS EN	SURE THE TOTAL IS 100 %		
		100	100	100	100	100		ALWAYS EN	SURE THE TOTAL IS 100 %		
IRSE EXIT FEEDBACK SURVEY		0	0	0	0	0					







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**

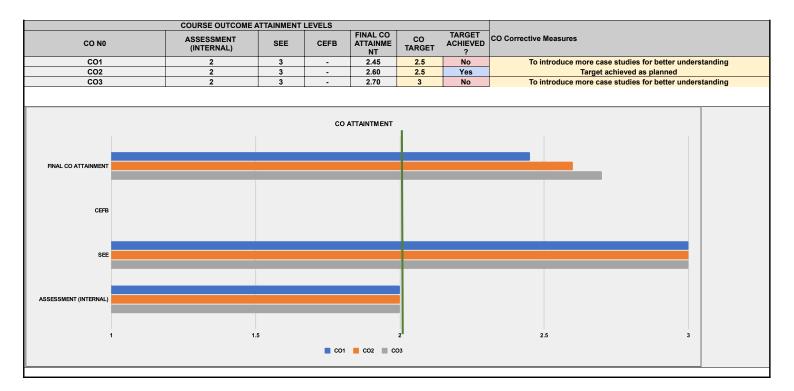
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	0	2	2	2	3	2
CO2	2	0	2	0	1	2	3	2
CO3	0	0	0	0	1	2	3	2

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							
соз	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	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						



	USM'S KAM	LA RAHEJA	VIDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND EN	VIRONMENTAL S	TUDIES				
			BA	CHELORS OF	ARCHITECT	URE						
		COU	RSE OUTCOM	ME AND PROG	GRAM OUTCO	OME ASSESSI	MENT					
	1			COURSE	DETAILS							
PROGRAM ACADEMIC YEAR					SEC	OND YEAR B-	ARCH					
SEMESTER						2019-2020 SEM 4						
EXAMINATION SCHEME					Sessionals	(Internal) + Th	eory (Exam)					
COURSE NAME (AS PER MU)		Architectural Building Services 2 BARC408										
COURSE CODE (AS PER MU) 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.											
CO2	To understand the frameword	To understand the framework and modality of stormwater management systems in and around a building, using case study-based approaches.										
CO3	To explore and realize the realize the further incorporate						L	3 - Apply (Use	information in new situations)			
	-					GRAM OUTC						
CO. No	P01	PO2	PO3	PO4	PO5	PO6 2	P07	PO8	CO AVERAGE			
CO1 CO2	2							2	4.17			
CO3	0	0					3	2				
PO AVERAGE	2.00	2.00	2.00	2.00	1.33	2.00	3.00	2.00				
Conclusion and Resolution				The course of	outcomes are	highly aligne	d with program ou	itcomes.				
			со	RRELATION I	EVELS FOR	POS						
1							0					
		SLIGHT (LOW)										
2						DERATE (MED						
2 3					MOI		NUM)					
					MOI SU	DERATE (MED	NUM) IGH)					
3					MOI SU	DERATE (MED SBTANTIAL (H	NUM) IGH)					
3	CO PO MAPPIN				MOI SU: NO	DERATE (MED SBTANTIAL (H D CORRELATI	NUM) IGH)		STANTIAL			
3	СО РО МАРРІМ				MOI SU: NO	DERATE (MED SBTANTIAL (H D CORRELATI	DIUM) IGH) ON	SUB МОІ	DERATE			
3 0		PO5				DERATE (MED SBTANTIAL (H D CORRELATI	DIUM) IGH) ON	SUB МОІ	DERATE V			
3 0 3 2 0 PO1 PO2	P03 P04	P05	Pe		MOI SUU NO	SERATE (MED SBTANTIAL (H CORRELATI	DIUM) IGH) ON	SUB MOI	DERATE V CORRELATION			
3 0 3 2 1 9 90 901 902 902 902	P03 P04 C01 C02 DEFI	P05 C03	PC	36 S W.R.T % OF LEVEL 1	MOI           SU3           NO           P07           STUDENTS           LEVEL 2	SCORING THI	IUM) IGH) ON	SUB MOI	DERATE V			
3 0 3 2 0 PO1 PO2	P03 P04	P05 C03	PC		MOI SUU NO	SERATE (MED SBTANTIAL (H CORRELATI	IUM) IGH) ON	SUB MOI	DERATE V CORRELATION			
3 0 3 2 1 9 90 901 902 902 902	P03 P04 C01 C02 DEFI	PO5 CO3	MENT LEVEL:	36 S W.R.T % OF LEVEL 1	MOI           SU3           NO           P07           STUDENTS           LEVEL 2	SCORING THI	IUM) IGH) ON E TARGET MARKS	SUB 	V V CORRELATION			
3 0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C02 DEFI IF GREATER TH/	PO5 CO3 NOR EQUAL T	MENT LEVEL:	De S W.R.T % OF LEVEL 1 10-29 10-29	MOI SUS NO PO7 STUDENTS LEVEL 2 30-59	SCORING THI	IUM) IGH) ON E TARGET MARKS % OF STUDENTS A % OF STUDENTS A	SUB 	CORRELATION			
3 0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 DEFI IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	PO5 CO3 NOR EQUAL T	MENT LEVEL:	De S W.R.T % OF LEVEL 1 10-29 10-29	MOI SUS NO PO7 STUDENTS LEVEL 2 30-59	SCORING THI	IUM) IGH) ON E TARGET MARKS % OF STUDENTS A TARGE % OF STUDENTS A TARGE	SUB MOI	CORRELATION			
3 0 3 2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 DEFI IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	POS CO3 NED ATTAINI N OR EQUAL T N OR EQUAL T FOR THE AS CO1 55	MENT LEVEL: 0 3 5 5 5 5 5 5 5 5 5 5 5 5 5	S         W.R.T % OF           LEVEL 1         10-29           10-29         10-29           10-29         30	MOI SUU NO PO7 STUDENTS LEVEL 2 30-59 30-59	DERATE (MED SBTANTIAL (H D CORRELATI	IUM) IGH) ON E TARGET MARKS % OF STUDENTS A TARGE % OF STUDENTS A TARGE	SUB MOI	CORRELATION			
3 0 3 2 1 0 PO1 PO2 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 DEFI IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	PO5 CO3 NED ATTAINI N OR EQUAL T N OR EQUAL T FOR THE AS CO1	PC MENT LEVEL: TO TO TO TO TO TO TO TO TO TO	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	MOI SUU NO PO7 STUDENTS LEVEL 2 30-59 30-59	DERATE (MED SBTANTIAL (H D CORRELATI	IUM) IGH) ON E TARGET MARKS % OF STUDENTS A TARGE % OF STUDENTS A TARGE	SUB MOI	CORRELATION TARGET MARKS 32 32 BE DECIDED AS PER SUBJECT			







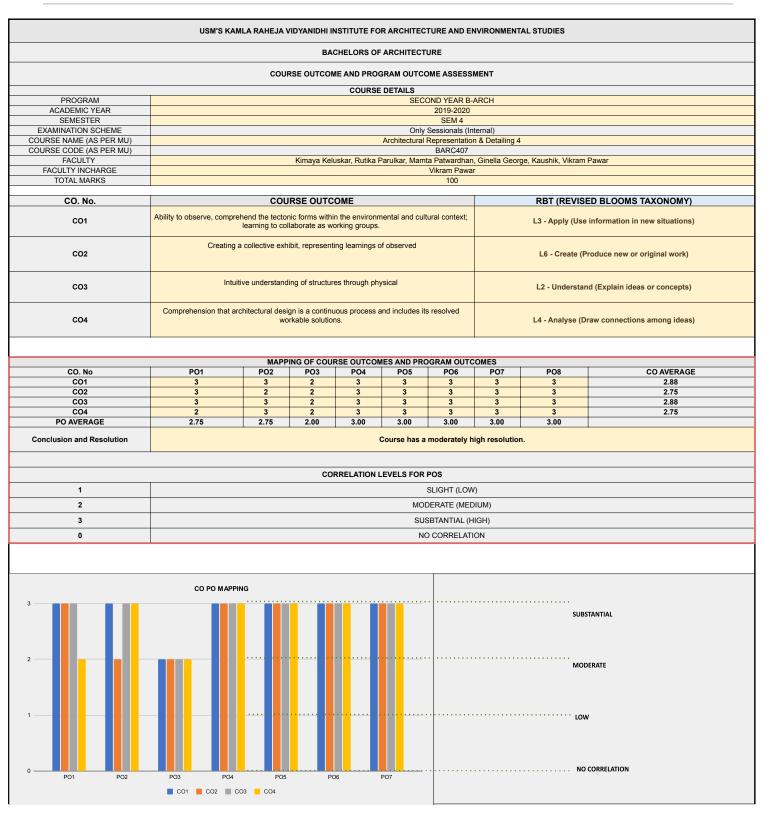
PROGRAM	SECOND YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 4
EXAMINATION SCHEME	Only Sessionals (Internal)
COURSE NAME (AS PER MU)	Architectural Representation & Detailing 4
COURSE CODE (AS PER MU)	BARC407

#### **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 Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	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	
	Creating a collective exhibit, representing learnings of observed			
CO2		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.			
	Course-level I	PO Attainment	ts	
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







	DEFI	INED ATTAIN	MENT LEVEL				E TARGET MARKS	
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65
	PERCENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS		-	1	
COURSE O		C01	CO2	CO3	CO4	CO5	WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT
TERNAL MARKS		100	100	100	100	100		NSURE THE TOTAL IS 100 %
RECT METHOD		100	100	100	100	100		NSURE THE TOTAL IS 100 %
OURSE EXIT FEEDBACK SURVI	Y	0	0	0	0	0	ALWATSEI	SURE THE TOTAL IS TOO %
	COURSE OUTCOME	ATTAINMENT	LEVELS					
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures	
CO1	2		-	2.00	2	Yes		ctive measures required
CO2	2		-	2.00	2	Yes		ctive measures required
CO3	2	-	-	2.00	2	Yes		ctive measures required
CO4	2		-	2.00	2	Yes	No corre	ctive measures required
			со	ATTAINTMENT				
FINAL CO ATTAINMENT			co	ATTAINTMENT				
СЕРВ	11	25	CO	ATTAINTMENT	1.5		1.75	2



PROGRAM	SECOND YEA	AR B-ARCH						
					]			
YEAR	2019-2020							
SEMESTER	SEM 4							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Architectural T	Theory 2						
COURSE CODE (AS PER MU)	BARC409							
			СОРО	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 Atta	ainments	1			
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURI	ES
CO1	Understanding have shaped a		d concepts that iinking	2.00				
	Analysing and respect to acts		ion with					
CO2				2.00				
	Applying the le object in conce context		cing the built I and historical					
CO3				2.00				
			Course-level	PO Attainmen	ts			
PO1 Attainmen			2.00		PO5 Attainm			2.00
PO2 Attainmen			2.00		PO6 Attainm			2.00
PO3 Attainmen			2.00		PO7 Attainm			2.00
PO4 Attainmen	t		2.00		PO8 Attainm	nent		2.00



	USM'S KAML	A RAHEJA VI					INVIRONMENTAL STUDI	ES			
		COUR		CHELORS OF			SMENT				
PROGRAM				COURSE	DETAILS	OND YEAR B-	ARCH				
ACADEMIC YEAR					0200	2019-2020	AROT				
SEMESTER		SEM 4									
EXAMINATION SCHEME		Only Sessionals (Internal)									
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)		Architectural Theory 2									
FACULTY		BARC409 Manoj Parmar, Rutika Parulkar									
FACULTY INCHARGE		Rutika Parulkar									
TOTAL MARKS		50									
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)									
CO1	Understanding the	Understanding the ideas and concepts that have shaped architectural thinking L2 - Understand (Explain ideas or concepts)									
CO2	Analysing	Analysing and taking a position with respect to acts of design L4 - Analyse (Draw connections among ideas)									
CO3	Applying the learning by	placing the bui	It object in co	onceptual, cult	ural and histor	ical context	L3 - Apply	y (Use inform	nation in new situations)		
				RSE OUTCOM							
CO. No	P01	PO2	PO3	PO4	PO5	PO6	P07 P08	3	CO AVERAGE		
C01	1	3	3	0	0	3	3 0		2.60		
CO2 CO3	0	3 0	2 1	1	0	3	3 2 3 0		2.14 2.00		
PO AVERAGE	1.00	3.00	2.00	1.00	1.00	3.00	3.00 2.00	)	2.00		
Conclusion and Resolution							ate resolution.				
1			co	RRELATION I		POS SLIGHT (LOW	V)				
2					MOE	DERATE (MED	DIUM)				
3					SUS	BTANTIAL (H	HGH)				
0						CORRELAT					
3		IG						SUBSTANTI. MODERATE			
P01 P02	P03 P04				PO7	SCORING TH	IE TARGET MARKS				
	DEFIN			LEVEL 4	LEVEL 2	LEVEL 3		TAP			
TOOLS				LEVEL 1					GET MARKS		
TOOLS INTERNAL MARKS	IF GREATER TH	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEV TARGET		GET MARKS 34		
INTERNAL MARKS				10-29							
INTERNAL MARKS	IF GREATER TH	FOR THE AS	SESSEMNT CO2	10-29 TOOLS CO3	30-59 CO4	60-89 CO5	TARGET	E THE	34 DECIDED AS PER SUBJECT		
INTERNAL MARKS	IF GREATER TH	FOR THE AS	SESSEMNT	10-29 TOOLS	30-59	60-89	TARGET	E THE	34		







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 Att	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEAS	URES
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		
			I	
	Course-level	PO Attainmen	ts	
PO1 Attainme	nt 3.00		PO5 Attainment	3.00
PO2 Attainme	nt 3.00		PO6 Attainment	3.00
PO3 Attainme	nt 3.00		PO7 Attainment	3.00
PO4 Attainme	nt 3.00		PO8 Attainment	3.00



	USM'S KAMLA	A RAHEJA VIC	OYANIDHI IN	STITUTE FO	R ARCHITEC	TURE AND E	NVIRONMEN	TAL STUDIES			
			BAC	CHELORS OF	ARCHITECT	URE					
		COURS	SE OUTCOM	IE AND PROG	GRAM OUTCO	ME ASSES	SMENT				
				COURSE							
PROGRAM ACADEMIC YEAR					SECO	2019-2020	ARCH				
SEMESTER						SEM 4					
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessionals (Ir lege Projects					
COURSE CODE (AS PER MU)		BARP420									
FACULTY FACULTY INCHARGE		Mamta, Ginella, Yashada, Shirish, Vikram, Kimaya, Aarti, Minal, Ruju, Manoj, Rutika Kimaya									
TOTAL MARKS						100					
CO. No.		COUR	RSE OUTC	OME				RBT (REVIS	ED BLOOMS TAXONOMY)		
			•								
C01	To understand	To understand methods of surveying and documentation of contexts.									
CO2	To understand id	To understand ideas and concepts that have shaped architectural thinking									
CO3	To apply and evalua	ate the built thr	ough the asp	ects of time ir	n the given co	ntext.		L5 - Evaluate (	Justify a stand or decision)		
CO4	To identify, assess, ne ecosystems through tradition	eed, safeguard onal and conter	l, restore and mporary appr	l promote sust roaches of rair	tainable use o nwater harves	f global ting 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.							d (Explain ideas or concepts)		
		MADDIN	0.05.000				001150				
CO. No	PO1	PO2	PO3	RSE OUTCOM PO4	PO5	PO6	PO7	PO8	CO AVERAGE		
CO1	1	0	1	3	2	3	3	1	2.00		
CO2 CO3	3	1	1	0	0	1 2	2	1	1.50 1.57		
CO4	0	0	0	0	2	2	1	2	1.57		
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			
1 2						SLIGHT (LOV ERATE (MEI					
3						BTANTIAL (F					
0						CORRELAT	,				
	CO PO MAPPIN	G						SUB	STANTIAL		
	CO PO MAPPIN	G							DERATE		
P01 P02	P03 P04			6 5				MOI	DERATE		
P01 P02	PO3 PO4	P05 C04 C05						MOI	DERATE V		
	PO3 PO4					SCORING TH		MOI	DERATE V		
P01 P02	PO3 PO4	P05 C04 C05	ENT LEVELS	8 W.R.T % OF	STUDENTS		IE TARGET N	MOI	V V CORRELATION		
PO1 PO2 TOOLS INTERNAL MARKS	PO3 PO4 CO1 CO2 CO3 DEFIN	POS CO4 CO5 ED ATTAINME	ENT LEVELS	8 W.R.T % OF LEVEL 1 10-29	STUDENTS	LEVEL 3	IE TARGET N	MOI 	CORRELATION		
P01 P02 TOOLS INTERNAL MARKS PERC COURSE OUTC	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER THA SENTAGE WEIGHTAGE SET	POS CO4 CO5 ED ATTAINME N OR EQUAL TO FOR THE ASS CO1	ENT LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	STUDENTS LEVEL 2 30-59 CO4	LEVEL 3 60-89 CO5	IE TARGET N	MOI LOV LOV MOI LARKS ENTS ACHIEVE THE TARGET WEIGHTAGE CAN	V CORRELATION TARGET MARKS TB DECIDED AS PER SUBJECT		
PO1 PO2 TOOLS INTERNAL MARKS PERC	PO3 PO4 CO1 CO2 CO3 DEFIN IF GREATER THA SENTAGE WEIGHTAGE SET	PO5 PO5 CO4 CO5 ED ATTAINME N OR EQUAL TO FOR THE ASS	ENT LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS	STUDENTS LEVEL 2 30-59	LEVEL 3 60-89	IE TARGET N	MOI LOV LOV MARKS ENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EI	V CORRELATION TARGET MARKS 72		



	COUR	SE OUTCOME A	TTAINMENT	LEVELS				
CO NO		ESSMENT [ERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
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	
				cov	ATTAINTMENT			
INAL CO ATTAINMENT						_		
CEFB								
SEE								
ESSMENT (INTERNAL)								
1		1	.5			2		2.5 3
				CO1 📕 CO2	🔳 CO3 📒 CO	04 🔳 CO5		

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# 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
P06	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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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 Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	To enable students to understand programme evolution and institutional structures	2.45	The study of Mumbra was interesting, but dic lead to creative programme evolution	d not
CO2	To enable students to arrive upon architectural ideas that are able to address institutional mandates and urban contexts	2.60		
соз	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 arriupon design projects	ive
CO5	To be able to present and communicate their projects successfully.	2.50		
	Course-level I	PO Attainment	ts	
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



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

Affiliated to University of Mumbai

	USM'S KAN	ILA RAHEJA					NVIRONMENT	AL STUDIES		
			BA	CHELORS OF	ARCHITECT	JRE				
		cou	IRSE OUTCO	ME AND PROC		ME ASSESS	MENT			
PROGRAM				COURSE	E DETAILS THI	RD YEAR B-A	ARCH			
ACADEMIC YEAR SEMESTER						2019-2020 SEM 5				
EXAMINATION SCHEME						(Internal) + E:				
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)					Archite	ctural Design BARC501	Studio 5			
FACULTY		Rohan Shivku	umar, Jude D'S	Souza, Mayuri S		Gore Shah, S		n, Apurva Parikh, Rh	ea Shah, Vishal Jayan	
FACULTY INCHARGE TOTAL MARKS					H	ohan Shivkun 200	nar			
CO. No.		COL	URSE OUTO	OME				RBT (REVISI	ED BLOOMS TAXONOMY)	
C01								L2 - Understan	d (Explain ideas or concepts)	
	To enable students	to understand	d programme e	volution and in	nstitutional stru	ctures				
CO2	To enable students to arrive		ctural ideas that		ddress instituti	onal mandate	s	L4 - Analyse (D	raw connections among ideas)	
CO3						<b>6</b> 1 1 1 1		L3 - Apply (Use	information in new situations)	
	To enable students to evol	we meir own p	ositions and p	TOCESSES TOWA	nus ine design	or a building.				
CO4	To enable students to	o resolve archi	itectural ideas	with technical	resolution and	details.		L6 - Create (P	roduce new or original work)	
CO5	To be able	to present and	d communicate	their projects	successfully.			L6 - Create (P	roduce new or original work)	
CO. No	PO1	MAPF PO2	PING OF COU PO3	RSE OUTCOM PO4	MES AND PRO PO5	GRAM OUT	COMES PO7	PO8	CO AVERAGE	
CO. No	3	0	0	2	3	0	3	0	2.75	
CO2 CO3	2	2	2	2	0	1	3	0	2.00 2.25	
C03	0	3	3	0	0	2 1	1 2	0	2.25	
CO5	0	2	1	0	2	0	0	1	1.50	
PO AVERAGE Conclusion and Resolution	2.50 The course is seen as an	2.50 important co for architectu	<mark>ıral learning, e</mark>	2.00 stic thinking a except the last	t programme LEVELS FOR	objective wh	ich concerns t	0.00 esolution. The cour the nature of profes	se objectives therefore cover the entire ran sionnal practice itself	
Conclusion and Resolution 1 2	The course is seen as an	important co	ourse for holis Iral learning, e	stic thinking a except the last	bout architec t programme LEVELS FOR	ture, its role objective wh	and building r ich concerns t V)	esolution. The cou	se objectives therefore cover the entire rans sionnal practice itself	
Conclusion and Resolution 1 2 3	The course is seen as an	important co	ourse for holis Iral learning, e	stic thinking a except the last	LEVELS FOR MOI	ure, its role objective wh POS SLIGHT (LOV DERATE (MEI SBTANTIAL (F	V) DIUM)	esolution. The cou	se objectives therefore cover the entire ran sionnal practice itself	
Conclusion and Resolution 1 2	The course is seen as an	important co	ourse for holis Iral learning, e	stic thinking a except the last	LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEL	V) DIUM)	esolution. The cou	se objectives therefore cover the entire ran sionnal practice itself	
Conclusion and Resolution 1 2 3	The course is seen as an	important cc	ourse for holis Iral learning, e	stic thinking a except the last	LEVELS FOR MOI	ure, its role objective wh POS SLIGHT (LOV DERATE (MEI SBTANTIAL (F	V) DIUM)	esolution. The cou	se objectives therefore cover the entire ran sionnal practice itself	
Conclusion and Resolution 1 2 3 0	The course is seen as an	important cc for architectu	ourse for holis Iral learning, e	tic thinking a	LEVELS FOR MOI	ure, its role objective wh POS SLIGHT (LOV DERATE (MEI SBTANTIAL (F	V) DIUM)	esolution. The country of profes	se objectives therefore cover the entire ran sionnal practice itself	
Conclusion and Resolution 1 2 3 0	The course is seen as an	important cc for architectu	cral learning, 6	tic thinking a	LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H 0 CORRELAT	and building r ich concerns t V) DIUM) HIGH) ION	esolution. The country of profes	Isionnal practice itself	
Conclusion and Resolution 1 2 3 0	CO PO MAPPI	NG Pos	Surve for holis	RRELATION I	LEVELS FOR MOI	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H 0 CORRELAT	and building r ich concerns t V) DIUM) HIGH) ION	esolution. The countries of profes	Isionnal practice itself	
Conclusion and Resolution	CO PO MAPPI	NG Pos	Surve for holis	RRELATION I	LEVELS FOR MOI SUS	POS SLIGHT (LOV DERATE (MEI 3BTANTIAL (H 0 CORRELAT	and building r ich concerns t V) DIUM) HIGH) ION	esolution. The countries of profes	Isionnal practice itself	
Conclusion and Resolution	The course is seen as an           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: Post Post Post Post Post Post Post Post	NG CO4	5 P	RRELATION I	LEVELS FOR MOI SUX NO	POS SLIGHT (LOV) PERATE (MEL BTANTIAL (F) CORRELAT	and building r ich concerns t V) DIUM) HIGH) ION	esolution. The counternative of profes	ISIONNAI practice itself	
Conclusion and Resolution	The course is seen as an           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: Post Post Post Post Post Post Post Post	NG CO4	CC CC CC CC CC CC CC CC CC CC CC CC CC	RRELATION I	LEVELS FOR MOI SU: NO	POS SLIGHT (LOV) PERATE (MED BTANTIAL (F O CORRELAT	and building r ich concerns i V) DIUM) HIGH) ION E TARGET MA	esolution. The counternative of professors substantiation of professors su	ISIONNAL PRACTICE ITSELF	
Conclusion and Resolution	The course is seen as an           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: Color PO MAPPI           Image: PO3           PO3           PO3           PO3           PO3           PO3           PO3           PO3           PO4           Image: Color PO MAPPI           Image: Color PO MAPPI	NG CO4 NG PO5 CO4 CO4 NG PO5 CO4 NG NG NG NG NG NG NG NG NG NG	CC CC CC CC CC CC CC CC CC CC CC CC CC	S W.R.T % OF	LEVELS FOR MOI SUS NO P07	POS SLIGHT (LOV) PERATE (MEL BTANTIAL (F O CORRELAT	end building r ich concerns t v) DIUM) HIGH) ION E TARGET MA % OF STUDE	esolution. The countre nature of profes	INFORMATION	
Conclusion and Resolution	COPOMAPPI	NG NG CO4 NG CO4 NG PO5 CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO CO4 NO NO NO NO NO NO NO NO NO NO NO NO NO	CC CC CC CC CC CC CC CC CC CC CC CC CC	S W.R.T % OF LEVEL 1 10-29 10-29	LEVELS FOR MOI SUS NO	POS SLIGHT (LOV) PERATE (MED BTANTIAL (H O CORRELAT	end building r ich concerns t v) DIUM) HIGH) ION E TARGET MA % OF STUDE	esolution. The counternative of profes	TANTIAL ERATE CORRELATION TARGET MARKS 60	
Conclusion and Resolution	COPOMAPPI	NG CO4 PO5 CO4 CO1	Durse for holis ral learning, of CO CO CO MENT LEVEL TO TO SSESSEMNT T CO2	S W.R.T % OF LEVEL 1 10-29 10-29	LEVELS FOR MOI SUX NO SUX SUX SUX SUX SUX SUX SUX SUX SUX SUX	POS SLIGHT (LOV) PERATE (MEL BTANTIAL (F CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89	end building r ich concerns t v) DIUM) HIGH) ION E TARGET MA % OF STUDE	esolution. The counternative of professors substantiation of professors substantiation of professors substantiation of professors substantiation of professors substantiation of professors models substantiation of professors models substantiation of professors models substantiation of professors substantiation of professors models substantiation of professors models substantiation of professors substantiation of professors models substantiation of professors substantiation of professors substa	TANTIAL ERATE CORRELATION TARGET MARKS 60	
Conclusion and Resolution	COPOMAPPI	NG NG NG CO4 NG PO5 CO4 CO4 CO4 CO4 CO4 CO4 CO4 CO4	Jurse for holis     Iral learning,      CO     CO     CO     CO     SSESSEMINT      CO2     40	S W.R.T % OF LEVEL 1 10-29 10-29 10-23 10-23	EVELS FOR MOI SUS NO SUS NO PO7 PO7 PO7 PO7 PO7	POS SLIGHT (LOV) PERATE (MED BTANTIAL (H O CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89	end building r ich concerns t v) DIUM) HIGH) ION E TARGET MA % OF STUDE	esolution. The counternative of profession o	INFORMATION	
Conclusion and Resolution	COPOMAPPI	NG CO4 PO5 CO4 CO1	Durse for holis ral learning, of CO CO CO MENT LEVEL TO TO SSESSEMNT T CO2	S W.R.T % OF LEVEL 1 10-29 10-29	LEVELS FOR MOI SUX NO SUX SUX SUX SUX SUX SUX SUX SUX SUX SUX	POS SLIGHT (LOV) PERATE (MEL BTANTIAL (F CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89	end building r ich concerns t v) DIUM) HIGH) ION E TARGET MA % OF STUDE	esolution. The countre nature of profes	IBE DECIDED AS PER SUBJECT	



	COURSE OUTCOME		LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
CO1	2	3	-	2.45	2.5	No	The study of Mumbra was interesting, but did not lead to creative programmer 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	
FINAL CO ATTAINMENT			co /	ATTAINTMENT			
CEFB							
SEE							
ASSESSMENT (INTERNAL)		E					2.5 3
1	1		CO1 📕 CO2	🔳 CO3 📒 CO	2 <sup>-</sup> 04 <b>C</b> 05		2.5 3

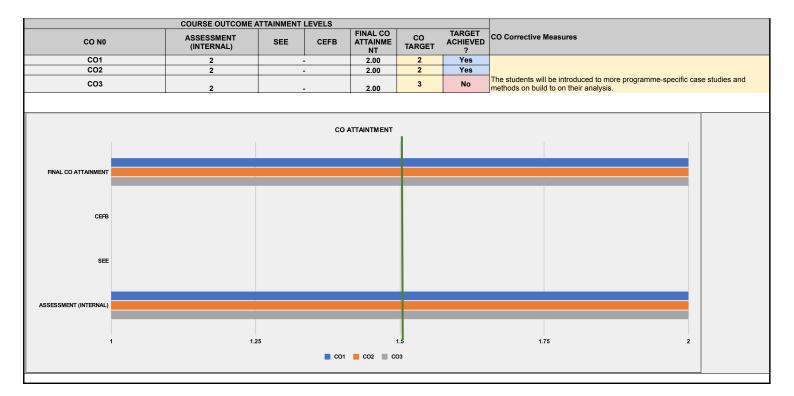


PROGRAM	THIRD YEAR I	B-ARCH						
ACADEMIC	2040 2020				•			
YEAR	2019-2020 SEM 5							
SEMESTER EXAMINATION	SEIVI S							
SCHEME	Only Sessiona	ls (Internal)						
COURSE NAME (AS PER MU)	Allied Design S	Studio 5						
COURSE CODE (AS PER MU)	BARC502							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	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 Att	ainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	со	CORRECTIV	/E MEASURI	ES
CO1	To apply ways un-built entities natural) and it's	s (both anthrop	ogenic and	2.00				
CO2	To understand relationship be and the larger	tween the built	environment	2.00				
CO3	To analyze and from the contex programmes			2.00	The students will be introduced to more programme-specific case studies and methods on build to on their analysis.			
			Course lavel		ta			
PO1 Attainment			Course-level	PO Attainment	rs PO5 Attainm	ent		2.00
PO2 Attainment			2.00		PO6 Attainm			2.00
PO3 Attainment			2.00		PO7 Attainm			2.00
PO4 Attainment			2.00		PO8 Attainm			2.00



	USM'S KAM	LA RAHEJA \	/IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES			
			BA	CHELORS OF	ARCHITECT	URE				
		COU	RSE OUTCOM	ME AND PRO	GRAM OUTCO	OME ASSESS	MENT			
				COURSE	DETAILS					
					THI	RD YEAR B-/				
ACADEMIC YEAR SEMESTER						2019-2020 SEM 5				
EXAMINATION SCHEME					Only	Sessionals (II	nternal)			
COURSE NAME (AS PER MU)						ed Design Stu				
COURSE CODE (AS PER MU)						BARC502				
FACULTY							SÁNYUKTA J.			
FACULTY INCHARGE TOTAL MARKS						SANDEEP N 100	Λ			
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)								
C01	To apply ways of seeing an	apply ways of seeing and representing un-built entities (both anthropogenic and natural) and it's experiential qualities.								
CO2	To understand the broader		elationship bet cological regio		environment a	and the larger	L2 - Understa	nd (Explain ideas or concepts)		
CO3	To analyze and integrat	e the observat	tions from the	contexts into t	heir design pro	ogrammes	L4 - Analyse (I	)raw connections among ideas)		
					MES AND PRO					
CO. No	P01	PO2	PO3	PO4	PO5	PO6	P07 P08	CO AVERAGE		
CO1	2	1	2	2	1	2	3 3	2.00		
CO2 CO3	1 2	2	1	1	2	2	3 2 2 3	1.75 1.88		
PO AVERAGE	1.67	1.33	1.33	1.33	1.67	2.33	2.67 2.67	1.00		
Conclusion and Resolution	The course able to focus or interrelationships, and their	influences in s	sed findings an shaping the pla	nd sensitizing t ace. We have	the students re to work on the	egarding the ir methods of b	nterconnected ecological systems a puilding up on analysis and integrat	and the various landscape entities, their ion of the design programme.		
			CO	RRELATION I	LEVELS FOR	POS				
1						SLIGHT (LOV	V)			
2					MOI	DERATE (ME	DIUM)			
3					SU	SBTANTIAL (I	HIGH)			
0					N	CORRELAT	ION			
	CO PO MAPPIN	IG								
3							SUE	STANTIAL		
1							го.	DERATE N		
0 P01 P02	P03 P04	PO5	PC	D6	P07		NC	) CORRELATION		
	📕 CO1 📕 CO2 📗	CO3								
	DEFI	NED ATTAIN	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	IE TARGET MARKS			
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS		
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	62		
							_			
	ENTAGE WEIGHTAGE SET									
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5		N BE DECIDED AS PER SUBJECT		
					CO4 100 100	CO5 100 100	ALWAYS E	N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %		







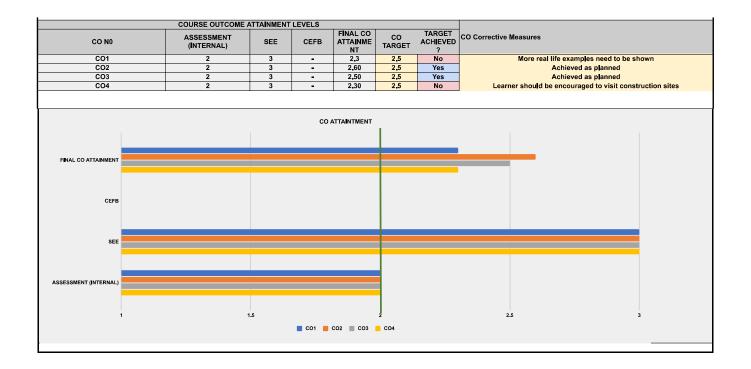
PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theo	ry (Exam)					
COURSE NAME (AS PER MU)	Architectural E	Building Constr	ruction 5					
COURSE CODE (AS PER MU)	BARC503							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07	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 Att	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO	со	CORRECTIV	/E MEASURE	s
CO1	designs and m buildings, inclu overall building functionality in	naterials used uding their imp g performance	act on the and	2.30	More real life	examples r	need to be s	nown
CO2	Design advan	ced slabs and CC and MS fra	lightweight skin amed buildings,		Achieved as		leed to be s	IGWIT
CO3	Understand co institutional bu cores, fenestra wall systems, and aesthetic	uilding element ations, claddin considering bo	s such as g, and curtain	2.50	Achieved as			
CO4	Develop a per technical know respect to the professional a empathetically stakeholders.		Learner shou	uld be encou	raged to vis	it construct		
DO4 A44-1			Course-level			nont		0.00
PO1 Attainme			2.43		PO5 Attainn			2.30
PO2 Attainme			2.51		PO6 Attainn			2.30
PO3 Attainme			2.49		PO7 Attainn PO8 Attainn			2.43 2.30
PO4 Attainme	ent.		2.30		PUo Attainn	nent		2.30



# USM's KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

		USM'S KAML	A RAHEJA V	DYANIDHI I	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES	
CONSE DETAILS       THOUSE ALL ALCH       NOT THOUSE ALL ALCH       COURDE CUICOME       ALL ALCH       COURDE ALCH       COURDE ALCH       COURDE ALCH       COURDE ALCH				ВА	CHELORS OF	ARCHITECT	URE			
THE TYPE LAUCH           Second if much 1 have to a the type type type type type type type typ			COUF		ME AND PROG	GRAM OUTC	OME ASSESS	MENT		
ADJENDENT VALUES AND ADDED ADD										
TARK           TARK           TARK           Colspan="2">TARK           Colspan="2"TARK						TH		RCH		
Antinanual Respublic Variantia           Control Contrel Contrel Control Control Control Control Control Control Cont	SEMESTER						SEM 5			
The constrained by the constrained										
IADULY MEMORIE         COURSE         RBT (REVISED BLOWS TAKONOMY)           CO, No.         COURSE OUTCOME         RBT (REVISED BLOWS TAKONOMY)           CO         Address of could the thirth of course of methods and in multicant         List - Address of course of the second						limmy Dovar		utika Sandhva		
CD, No.         COURSE CUTCOME         RBT (REVISED BLOOMS TAXONOMT)           001         Labeles, including the product by realized lateral, user functions and this state including in all lateral, including the product by realized lateral, user functions and this state including in all lateral lateral, user functions and this state including including deems and including and the rel latera deems and including and the rel latera deex and the and the rel latera deex and the rel latera deex and the rel latera deex and the relatera deex and the rel latera deex and the and the rel l	FACULTY INCHARGE					sinniy, briya	Jimmy	unina, oununya		
ColLet Addges and exclude speem designs and enserted used in limited and the set of	TOTAL MARKS						100			
CO1         Dubbing the large register in the control billing performance and the inclusion in a control billing performance an	CO. No.								RBT (REVIS	ED BLOOMS TAXONOMY)
	C01		r impact on th	e overall build	ding performar				L4 - Analyse (Dra	aw connections among ideas)
CO3         Ubidecised corporations on the inventioned built and using seven to a screened sev	CO2						buildings,		L3 - Apply (Use i	nformation in new situations)
	CO3	Understand compreh	ensive details	s for institutior all systems, c	nal building ele	ments such a			L2 - Understand	l (Explain ideas or concepts)
Image: Difference of the contract of the product of the pr	CO4			ance of techn					L6 - Create (Pr	oduce new or original work)
CO. No         PO1         PO2         PO3         PO4         PO5         PO7         PO8         COAVERAGE           CO3         2         3         1         9         0         1         0         1         0         1         0         1         0         1         1         0         1         1         0         1         1         0         1         0         1         0         1         1         0         1 <td< td=""><td></td><td>respect to the role of</td><td></td><td></td><td></td><td>ility to empati</td><td>netically</td><td></td><td>Lo - ordate (FF</td><td></td></td<>		respect to the role of				ility to empati	netically		Lo - ordate (FF	
CO. No         PO1         PO2         PO3         PO4         PO5         PO7         PO8         CO2 AVERAGE           C01         1         0         <			MAPP	NG OF COU	RSE OUTCOM	IES AND PR	OGRAM OUT	COMES		
CO2         2         3         0         0         0         2         0         2.30           POLYDERAGE         2.20         2.33         2.47         2.40         3.40         2.40         2.40         3.40         3.40         3.40			PO2	PO3		PO5	P06	PO7		
CO4         1         1         2         3         1         2         1         3         2.25           PO AVERAGE         2.20         3         2.0         2.00         2.00         3.0         2.00         3.0           Conclusion and Resolution         The course sime to bring the learner closer to the realities of building and their role as professional which is satisfactority schewed through the course cliptet           1         CORRELATION LEVELS FOR POS         Substractional (Red)	CO2	2	3	3		0	0	2	0	2.50
PO AVERAGE         2.00         2.33         2.87         2.00         3.00         2.00         3.00           Conclusion and Resolution         The course aims to bring the learner closer to the resulties of building and their role as professional which is satisfactorily achieved through the course objection         Conclusion and Resolution           1										
CORRELATION LEVELS FOR POS           1       SLEATT (LOW)         2       MODERATE (MEDIUM)         3       SUSTRATIAL (HER)         0       NO CORRELATION										
CO PO MAPPING           Junction         <							SLIGHT (LOV	V)		
3       3       0	3							DIUM)		
TOOLS         LEVEL 1         LEVEL 1         LEVEL 2         LEVEL 3         TARGET         TARGET         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         22           PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS         50         60-89         % OF STUDENTS ACHIEVE THE TARGET         26           COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT           ERNAL MARKS         70         40         50         70         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         100         100         100         100         100         0           URSE EXIT FEEDBACK SURVEY         0         0         0         0         0         0         ALWAYS ENSURE THE TOTAL IS 100 %           CO         ASSESSMENT (INTERNAL)         SEE         CEFB         FINAL CO ATTAINME NT         CO         CO         CO         CO         CO         CO         CO         CO <t< th=""><th></th><th></th><th></th><th></th><th></th><th>SU</th><th>SBTANTIAL (H</th><th>DIUM) HIGH)</th><th></th><th></th></t<>						SU	SBTANTIAL (H	DIUM) HIGH)		
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         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 ASSESSEMENT TOOLS COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5           ERNAL MARKS         70         40         50         70         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         100         100         100         100         100           JRSE EXIT FEEDBACK SURVEY         0         0         0         0         0         ALWAYS ENSURE THE TOTAL IS 100 %           CONSE OUTCOME ATTAINMENT LEVELS         COURSE OUTCOME ATTAINMENT LEVELS         TARGET TARGET         CO Corrective Measures           CO1         2         3         -         2.3         2.5         No         More real life examples need to be shown Achieved as planned	0 3 2 1 0	P03 P04				SU: N(	SBTANTIAL (H	JUM) HGH) ION	MOI	Jerate
INTERNAL MARKS         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           ERNAL MARKS         70         40         50         70         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         100         100         100         100         100         100           URSE EXIT FEEDBACK SURVEY         0         0         0         0         0         ALWAYS ENSURE THE TOTAL IS 100 %           COURSE OUTCOME ATTAINMENT LEVELS           CO NO         ASSESSMENT (INTERNAL)         SEE         CEFB         FINAL CO NT         CO ATTAINME NT         CO CO         CO Corrective Measures         CO           CO1         2         3         -         2.3         2.5         No         More real life examples need to be shown Achieved as planned	0 3 2 1 0 P01 P02	P03 P04	P05 33 CO4	Р		SUI: No PO7	SCORING TH	DIUM) HGH) ION	MOI LOV	CORRELATION
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT           COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5           ERNAL MARKS         70         40         50         70         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         100         100         100         100         100           URSE EXIT FEEDBACK SURVEY         0         0         0         0         0         ALWAYS ENSURE THE TOTAL IS 100 %           CO NO         ASSESSMENT (INTERNAL)         SEE         CEFB         TNAL CO NT         CO TARGET         CO Corrective Measures           CO1         2         3         -         2.3         2.5         No         More real life examples need to be shown Achieved as planned	0 3 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	P03 P04 C01 C02 C02	P05 33 _ C04	P MENT LEVEL		SU: No PO7 STUDENTS LEVEL 2	SBTANTIAL (F		MOI LOV	CORRELATION
COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT           ERNAL MARKS         70         40         50         70         0         ALWAYS ENSURE THE TOTAL IS 100 %           E         30         60         50         30         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         100         100         100         100         100           URSE EXIT FEEDBACK SURVEY         0         0         0         0         0         0           CO NO         ASSESSMENT (INTERNAL)         SEE         CEFB         FINAL CO NT         CO TATAINME TARGET 7         CO         CO corrective Measures 7         CO corrective Measures 7           CO1         2         3         -         2.3         2.5         No         More real life examples need to be shown Achieved as planned	0 3 2 1 0 PO1 PO2 TOOLS SEE	PO3 PO4 CO1 CO2 CC DEFIN	P05 23 CO4	непт <u>Level</u> то	S W.R.T % OF LEVEL 1 10-29	SU: NV PO7 STUDENTS LEVEL 2 30-59	SBTANTIAL (H ) CORRELAT	IUM) IGH) ION ION ION ION ION ION ION ION ION ION	MOL LOV NO IRKS ITS ACHIEVE THE REGET ITS ACHIEVE THE	correlation TARGET MARKS 22
E         30         60         50         30         0         ALWAYS ENSURE THE TOTAL IS 100 %           ECT METHOD         100         10	0 3 2 1 0 PO1 PO2 TOOLS SEE INTERNAL MARKS	PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/	PO5 33 CO4 NOR EQUAL 1	AENT LEVEL TO	S W.R.T % OF LEVEL 1 10-29 10-29	SU: NV PO7 STUDENTS LEVEL 2 30-59	SBTANTIAL (H ) CORRELAT	IUM) IGH) ION ION ION ION ION ION ION ION ION ION	MOL LOV NO IRKS ITS ACHIEVE THE REGET ITS ACHIEVE THE	correlation TARGET MARKS 22
ECT METHOD         100         100         100         100         100         100         100         100         100         ALWAYS ENSURE THE TOTAL IS 100 %           URSE EXIT FEEDBACK SURVEY         0 </td <td>0 3 2 1 1 PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCO</td> <td>PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/</td> <td>P05 33 CO4 NOR EQUAL ' AN OR EQUAL ' FOR THE AS CO1</td> <td>/ENT LEVEL TO 555ESSEMNT CO2</td> <td>S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3</td> <td>SU: NV PO7 STUDENTS LEVEL 2 30-59 30-59 CO4</td> <td>SBTANTIAL (H CORRELAT SCORING TH LEVEL 3 60-89 60-89 CO5</td> <td>PIUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN TA</td> <td>MOL LOV NO ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE</td> <td>CORRELATION TARGET MARKS 22 26</td>	0 3 2 1 1 PO1 PO2 TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCO	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/	P05 33 CO4 NOR EQUAL ' AN OR EQUAL ' FOR THE AS CO1	/ENT LEVEL TO 555ESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	SU: NV PO7 STUDENTS LEVEL 2 30-59 30-59 CO4	SBTANTIAL (H CORRELAT SCORING TH LEVEL 3 60-89 60-89 CO5	PIUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN TA	MOL LOV NO ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE ITS ACHIEVE THE	CORRELATION TARGET MARKS 22 26
COURSE CALL     COURSE OUTCOME ATTAINMENT LEVELS       CO N0     ASSESSMENT (INTERNAL)     SEE     CEFB     FINAL CO ATTAINME NT     CO TARGET 7     CO ACHIVE 7     CO ACHIVE 7     CO ACHIVE 7     CO CO Corrective Measures       C01     2     3     -     2.3     2.5     No     More real life examples need to be shown Achieved as planned	0 3 2 2 1 1 0 PO1 PO2	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/	PO5 PO5 NOR EQUAL NOR EQUAL FOR THE AS CO1 70	AENT LEVEL TO TO SSESSEMNT CO2 40	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	SU3 NV P07 STUDENTS LEVEL 2 30-59 30-59 30-59 30-59	SCORING TH LEVEL 3 60-89 CO5 0	PIUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN TA	MOL LOV LOV INC	CORRELATION TARGET MARKS 22 26 BE DECIDED AS PER SUBJECT
CO N0     ASSESSMENT (INTERNAL)     SEE     CEFB     FINAL CO ATTAINME NT     CO TARGET     TARGET ACHEVED ?     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	0 3 2 1 1 0 PO1 PO2 TOOLS SEE INTERNAL MARKS ECT METHOD	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/	PO5 33 CO4 NOR EQUAL - AN OR EQUAL - FOR THE AS CO1 70 30 100	AENT LEVEL           TO           SSESSEMNT           GOV           40           60           100	S W.R.T % OF LEVEL 1 10-29 10-29 7TOOLS 50 50 50 100	SU3 NV P07 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	SETANTIAL (H CORRELAT SCORING TH LEVEL 3 60-89 60-89 CO5 0 100	PIUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN TA	MOL LOV LOV NO IRKS ITS ACHIEVE THE RGET ITS ACHIEVE THE RGET WEIGHTAGE CAN ALWAYS EI	CORRELATION
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	0 3 2 1 1 0 PO1 PO2 TOOLS SEE INTERNAL MARKS EE COURSE OUTCO ERNAL MARKS EE ET METHOD	P03 P04 P03 P04 C01 C02 C02 C02 DEFIN IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/	PO5 23 CO4 NED ATTAINN AN OR EQUAL 1 FOR THE AS CO1 70 30 100 0	AENT LEVEL           TO           SSESSEMNT           CO2           40           60           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 7TOOLS 50 50 50 100	SU3 NV P07 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	SETANTIAL (H CORRELAT SCORING TH LEVEL 3 60-89 60-89 CO5 0 100	PIUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN TA	MOL LOV LOV NO IRKS ITS ACHIEVE THE RGET ITS ACHIEVE THE RGET WEIGHTAGE CAN ALWAYS EI	CORRELATION
CO2 2 3 - 2.60 2.5 Yes Achieved as planned	0	P03 P04 P03 P04 C01 C02 C02 DEFIN IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ COURSE OUTCOME / ASSESSMENT	PO5 30 CO4 NED ATTAINN AN OR EQUAL FOR THE AS CO1 70 30 100 00 00 00 00 00 00 00 00 00	AENT LEVEL           TO           SSESSEMINT           CO2           40           60           100           0           'LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29 10-29 TOOLS CO3 50 50 50 50 50 100 0	SU3 NV NV STUDENTS LEVEL 2 30-59 30-59 30-59 30-59 30-59 30-59 30-59 30-59	SETANTIAL (H CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 CO5 0 0 0 100 0 TARGET ACHIEVED	PUUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN 1 % OF STUDEN 1 1 1 1 1 1 1 1 1 1 1 1 1	MOI LOV LOV IRKS ITS ACHIEVE THE RGET ITS ACHIEVE THE RGET VEIGHTAGE CAN ALWAYS EI ALWAYS EI	CORRELATION
	0 3 2 4 5 1 6 7 7 7 7 7 7 7 7 7 7 7 7 7	P03 P04 P03 P04 C01 C02 C0 DEFIN IF GREATER TH/ IF GREATE	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	P AENT LEVEL TO TO SSESSEMNT CO 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 10-29 10-29 10-29 10-29 50 50 50 50 50 50 50 50 50 50	SU: NI NI STUDENTS LEVEL 2 30-59 30-59 30-59 30-59 30-59 30-59 30-59	SETANTIAL (H CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 60-89 7 7	PUUM) HGH) HON HE TARGET MA % OF STUDEN % OF STUDEN 1 % OF STUDEN 1 1 1 1 1 1 1 1 1 1 1 1 1	MOL LOV LOV NO ITS ACHIEVE THE RGET TTS ACHIEVE THE RGET NEIGHTAGE CAN ALWAYS EI ALWAYS EI ALWAYS EI	CORRELATION TARGET MARKS 22 26 1 BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 % ISURE THE TOTAL IS 100 %







**BARC 504** 

PROGRAM								
	THIRD YEAR	D-AKCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theo	ry (Exam)					
COURSE NAME (AS PER MU)	Theory & Desi	an of Structur	es 5					
COURSE CODE		gh er er uetar						
(AS PER MU)	BARC504							
			0000					
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	3	104	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 Atta	ainments	1			
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURI	ES
CO1	Introduction to material, its in advantages, a	herent propert	ies,	2.45				
CO2	Develop an int flow of loads in nature of stres	n a steel struct	ure and the	2.60				
CO3	Understand th members in a their prelimina connection de	steel structure ry sizes, funda	and work out	2.70				
CO4		ledge and its	e importance of application with nitect as a	2.30				
			Course-level I	O Attainmen				
PO1 Attainment			2.50		PO5 Attainr			2.38
PO2 Attainment			2.53		PO6 Attainr			2.45
PO3 Attainment			2.49		PO7 Attainr			2.51
PO4 Attainment	t		2.51		PO8 Attainr	nent		2.43



PROGRAM ACADEMIC YEAR SEMESTER

EXAMINATION SCHEME COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)

FACULTY FACULTY INCHARGE TOTAL MARKS

CO. No.

CO1

CO2

CO3

CO4

CO. No CO1

CO2 CO3

CO4

PO AVERAGE

**Conclusion and Resolution** 

A practical under

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

Introduction to steel as a structural material, its inherent properties, advantages, and shortcomings.

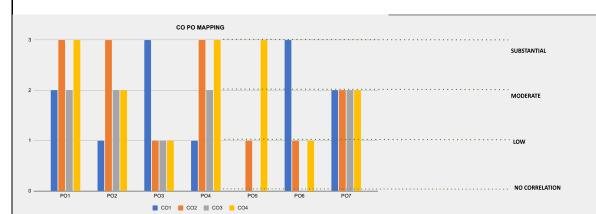
Develop an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.

Understand the behavior of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design

Develop a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional

S	
MLA RAHEJA VIDYANIDHI	
STITUTE FOR ARCHITECTURE	
D ENVIRONMENTAL STUDIES	
iliated to University of Mumbai	
USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES	
BACHELORS OF ARCHITECTURE	
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT	
COURSE DETAILS	
THIRD YEAR B-ARCH 2019-2020	
SEM 5	
Sessionals (Internal) + Theory (Exam)	
Theory & Design of Structures 5 BARC504	
Bharghav, Kumaraguru, Neeraj	
Neeraj 100	
100	
COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)	
uction to steel as a structural material, its inherent properties, advantages, and shortcornings.	
an intuitive understanding of the flow of loads in a steel structure and the nature of stresses in various members.	
d the behavior of typical members in a steel structure and work out their preliminary sizes, fundamentals of connection design	
sizes, iunuamentais or connection design	
LE Evolute (Justifice stand or desision)	
p a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.	
D a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.      MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES	
D a perspective on the importance of technical knowledge and its application with respect to the role of an architect as a professional.      MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES	
L5 - Evaluate (Justify a stand or decision)       L5 - Evaluate (Justify a stand or decision)       MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES       PO1     PO2     PO3     PO4     PO5     PO6     PO7     PO8     CO AVERAGE       2     1     3     1     0     3     2     3     2.14       3     3     1     1     1     2     2.00	
L5 - Evaluate (Justify a stand or decision)       L5 - Evaluate (Justify a stand or decision)       L5 - Evaluate (Justify a stand or decision)       MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES       P01     P02     P03     P04     P05     P06     P07     P08     CO AVERAGE       2     1     3     1     0     3     2     3     2.14       3     3     1     3     1     1     2     2.00       2     2     1     2     0     0     1.80	
L5 - Evaluate (Justify a stand or decision)       L5 - Evaluate (Justify a stand or decision)       MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES       P01     P03     P04     P05     P06     P07     P08     CO AVERAGE       2     1     3     1     0     3     2     3     2.14       3     3     1     3     1     1     2     2.00	

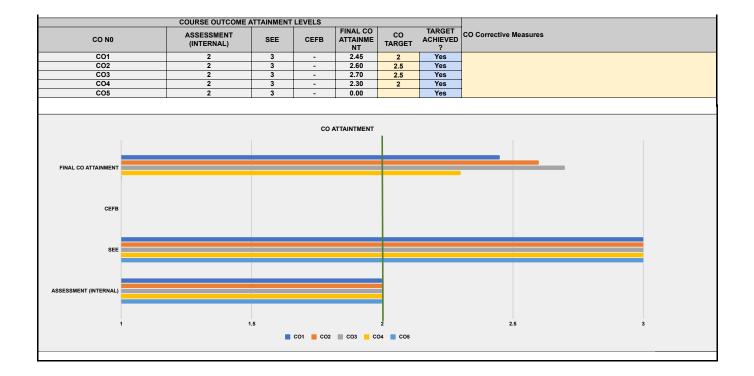
	CORRELATION LEVELS FOR POS					
1	SLIGHT (LOW)					
2	MODERATE (MEDIUM)					
3	SUSBTANTIAL (HIGH)					
0	NO CORRELATION					
¢.						



	DEFIN	ED ATTAINN	IENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	IE TARGET MARKS		
TOOLS					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				10-29	30-59	60-89			
INTERNAL MARKS	IF GREATER THAN OR EQUAL TO			10-29	30-59	60-69	% OF STUDENTS ACHIEVE THE TARGET	30	
	NTAGE WEIGHTAGE SET								
COURSE OUTCO	MES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN BE DECIDED AS PER SUBJECT		
INTERNAL MARKS		55	40	30	70			NSURE THE TOTAL IS 100 %	
SEE		45	60	70	30		/12///02		
DIRECT METHOD		100	100	100	100	100		NSURE THE TOTAL IS 100 %	
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0			
							1		
	COURSE OUTCOME	ATTAINMENT	LEVELS						
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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			



**BARC 504** 





PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theor	ry (Exam)					
COURSE NAME (AS PER MU)	Humanities 5							
COURSE CODE (AS PER MU)	BARC505							
			СОРО	Mapping				
<u> </u>	DC (	BCA	DCA	DC (	DOT	Baa	<b>D</b> 07	DOG
CO. No	P01 P02 P03			PO4	PO5	PO6	PO7	PO8
C01	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 Atta	ainments	1			
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES			
CO1	Creating frame to deal with the historiography	e shifting scale	s in the	2.00	Easier goals	with clearer	approach fo	r students.
CO2	Applying a con in the earlier for write the histor	our semesters,		2.00	Making the o	bjectives ea	sier will help	
CO3	Understanding to dissect arch various spectru responses.	itectural histor	g the built object y through ts and	2.00	Better one-to	o-one conver	sations/disc	ussions.
			Course-level	PO Attainmen	ts			
PO1 Attainment			2.00		PO5 Attainm	nent		2.00
PO2 Attainment			2.00		PO6 Attainm	nent		2.00
PO3 Attainment			2.00		PO7 Attainm	nent		2.00
PO4 Attainment			2.00		PO8 Attainm	nent		2.00



	USM'S KAM	ILA RAHEJA VI	IDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND EN	VIRONMENTAL S	STUDIES			
			ВА	CHELORS OF	ARCHITECT	URE					
		COUR	SE OUTCO	ME AND PROC	GRAM OUTCO	OME ASSESSI	MENT				
				COURSE	DETAILS						
PROGRAM		THIRD YEAR B-ARCH									
ACADEMIC YEAR						2019-2020					
SEMESTER EXAMINATION SCHEME					Socionala	SEM 5 (Internal) + Th	oony (Exam)				
COURSE NAME (AS PER MU)					06331011813	Humanities 5					
COURSE CODE (AS PER MU)						BARC505					
FACULTY					Jimmy,	Minal, Nisha, S	Sanaeya				
FACULTY INCHARGE TOTAL MARKS						Minal 100					
CO. No.		COUF	RSE OUTO	OME				RBT (REVIS	ED BLOOMS TAXONOMY)		
CO1	Creating frameworks to ena	able the student the I	to deal with historical obj	the shifting sca ject.	ales in the his	oriography of	ı	L4 - Analyse (D	raw connections among ideas)		
CO2	Applying a constellation of		ed in the ear y of a built o		ters, to trace a	and write the	L	L3 - Apply (Use	information in new situations)		
CO3	Understanding and anal	ysing the built o spectrums of	bject to disso thoughts an	ect architectura d responses.	I history throu	gh various		L2 - Understar	nd (Explain ideas or concepts)		
00 H											
CO. No	P01	PO2	PO3	PO4	PO5	PO6	P07	P08	CO AVERAGE		
CO1 CO2	3	1 2	0	3	0	1 3	0 3	2 3	2.00 2.13		
CO3	2	2	2	0	0	3	3	0	2.13		
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.									
			со	RRELATION L	EVELS FOR	POS					
1		SLIGHT (LOW)									
2		MODERATE (MEDIUM)									
3			SUSBTANTIAL (HIGH)								
0						CORRELATI					
	CO PO MAPPIN										
,	СО РО МАРРИ	NG							STANTIAL		
					N/	DCORRELATI		мог	DERATE		
					N/	DCORRELATI	ON	мог	JERATE V		
3 2 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	P03 P04	P05	р	06 S W.R.T % OF	P07		ON	MOE	CORRELATION		
	PO3 PO4 CO1 CO2 DEF	P05		06	роу		ON E TARGET MARKS	MOE LOV NO S ACHIEVE THE	JERATE V		
3 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	PO3 PO4 C01 C02 FGREATER TH	Po5 Co3	P P ENT LEVEL	06 S W.R.T % OF LEVEL 1	PO7		ON E TARGET MARKS % OF STUDENTS X OF STUDENTS	MOE LOV LOV NO S ACHIEVE THE ET ACHIEVE THE	CORRELATION		
BO1 PO2	PO3 PO4 C01 C02 FGREATER TH	PO5 CO3 INED ATTAINM AN OR EQUAL TO	P P ENT LEVEL	C6 S W.R.T % OF LEVEL 1 10-29	N/	CORRELATI	ON E TARGET MARKS % OF STUDENTS TARG	MOE LOV LOV NO S ACHIEVE THE ET ACHIEVE THE	CORRELATION		
PO1 PO2	PO3 PO4 C01 C02 FGREATER TH	PO5 CO3 INED ATTAINM AN OR EQUAL TO AN OR EQUAL TO	P ENT LEVEL )	C6 S W.R.T % OF LEVEL 1 10-29 10-29	N/	CORRELATI	ON E TARGET MARKS % OF STUDENTS X AF STUDENTS	MOE LOV LOV NO S ACHIEVE THE ET ACHIEVE THE	CORRELATION		
B COURSE OUTCO	PO3 PO4 PO3 PO4 PO3 CO1 CO2 I IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	PO5 CO3 INED ATTAINM AN OR EQUAL TO AN OR EQUAL TO FOR THE ASS CO1	ENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29 10-29 10-29 TOOLS CO3	NI PO7 STUDENTS LEVEL 2 30-59 30-59 CO4	COS	ON E TARGET MARKS % OF STUDENTS % OF STUDENTS TARG	MOE LOV LOV NO S ACHIEVE THE JET	CORRELATION		
B D D D D D D D D D D D D D D D D D D D	PO3 PO4 PO3 PO4 PO3 CO1 CO2 I IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	PO5 CO3 INED ATTAINM AN OR EQUAL TO AN OR EQUAL TO FOR THE ASS CO1 60	P P ENT LEVEL D D SESSEMNT CO2 55	C6 S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	NI PO7 STUDENTS LEVEL 2 30-59 30-59 30-59	CO5 0 0 0 0 0	ON E TARGET MARKS % OF STUDENTS % OF STUDENTS TARG	MOE LOV LOV NO S ACHIEVE THE JET EIGHTAGE CAM	CORRELATION		
PO1 PO2	PO3 PO4 PO3 PO4 PO3 CO1 CO2 I IF GREATER TH/ IF GREATER TH/ CENTAGE WEIGHTAGE SET	PO5 CO3 INED ATTAINM AN OR EQUAL TO AN OR EQUAL TO FOR THE ASS CO1	ENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29 10-29 10-29 TOOLS CO3	NI PO7 STUDENTS LEVEL 2 30-59 30-59 CO4	COS	ON E TARGET MARKS % OF STUDENTS % OF STUDENTS TARG	MOD LOV LOV NO S ACHIEVE THE HET ACHIEVE THE EIGHTAGE CAN ALWAYS EI	CORRELATION		



CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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.	
			cov	ATTAINTMENT				
AL CO ATTAINMENT								
CEFB								
SEE								
			_	_		_		
SSMENT (INTERNAL)								
1	1.	.25			1.5		1.75 2	



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

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 Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	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 ca studies.	ase
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.	
соз	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 I	PO Attainmen	ts	
PO1 Attainment	2.45		PO5 Attainment 2.	.58
PO2 Attainment	2.58		PO6 Attainment 2.	2.53
PO3 Attainment	2.58		PO7 Attainment 2.	2.58
PO4 Attainment	2.45		PO8 Attainment 2.	.58



	USM'S KAN	/ILA RAHEJA \	/IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND EI	NVIRONMENTAL STUDIES			
				CHELORS OF						
		COU		IE AND PROC		-	MENT			
					DETAILS					
PROGRAM		THIRD YEAR B-ARCH								
ACADEMIC YEAR SEMESTER						2019-2020 SEM 5				
EXAMINATION SCHEME					Sessionals	(Internal) + Th	neory (Exam)			
COURSE NAME (AS PER MU)					Architect	tural Building S	Services 3			
COURSE CODE (AS PER MU) FACULTY				N	Minal Y. Kimay	BARC508 a K. Jimmy, Sa	anjana, Durvesh			
FACULTY INCHARGE					initar i, ranay	Minal Y	anjana, Barroon			
TOTAL MARKS						100				
CO. No.		COU	RSE OUTC	OME			RBT (RE	VISED BLOOMS TAXONOMY)		
C01	To enable students to und building, with a focus of	erstand the ligh	nting and acou rstanding of m	istic componer nateriality, tech	nts and workal nical details a	pility within a nd layout.	L3 - Apply	(Use information in new situations)		
CO2	To make the students exp	plore the various	s techniques o	of representing	the building s	systems and	L4 - Analys	se (Draw connections among ideas)		
CO3	To analytically arrive at bu		fficiency by ap	oplying alternat		vable energy	L5 - Eva	luate (Justify a stand or decision)		
		<u> </u>	en us regenen	alve systems.						
		MAPP	ING OF COU	RSE OUTCON	IES AND PRO	GRAM OUTO	OMES			
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7 PO8	CO AVERAGE		
CO1 CO2	2 0	2	2	2	2	2	2 2 2	2.00 2.00		
C03	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 mo	oderately alig	n with program outcomes.			
	1									
			со	RRELATION L	EVELS FOR	POS				
1						SLIGHT (LOW	/)			
2					MO	DERATE (MED	DIUM)			
3					SUS	SBTANTIAL (H	lIGH)			
0						CORRELATI				
	1									
	CO PO MAPPI	NG								
3					<u></u> .		•••••			
								SUBSTANTIAL		
2										
								MODERATE		
1			••••••••••	•••••••	••••••	•••		' LOW		
0 PO1 PO2	P03 P04	P05	P	26	P07	• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	NO CORRELATION		
101 102	CO1 CO2									
	057				OTUDENTO					
TOOLS	DEF	INED AT TAININ		LEVEL 1	LEVEL 2	LEVEL 3	E TARGET MARKS	TARGET MARKS		
SEE	IF GREATER TH	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE T	HE 20		
							% OF STUDENTS ACHIEVE TI TARGET			
INTERNAL MARKS	IF GREATER TH	AN OR EQUAL TO	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE TI TARGET	HE 30		
PERC	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	OOLS			]			
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5	WEIGHTAGE	CAN BE DECIDED AS PER SUBJECT		
INTERNAL MARKS SEE		55 45	40 60	30 70			ALWA	YS ENSURE THE TOTAL IS 100 %		
DIRECT METHOD		100	100	100	100	100				
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0	ALWA	YS ENSURE THE TOTAL IS 100 %		



		COURSE OUTCOME A	TTAINMENT	LEVELS				
CO NO		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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.
				co	ATTAINTMENT			
FINAL CO ATTAINMENT								
CEFB								
SEE								
ASSESSMENT (INTERNAL)								
1	l	1.	5			2		2.5 3
				CO1	📕 CO2 🔳 CO	03		
				- 501				



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

**BARC 507** 

K K	Affiliated to University of Mumbai
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

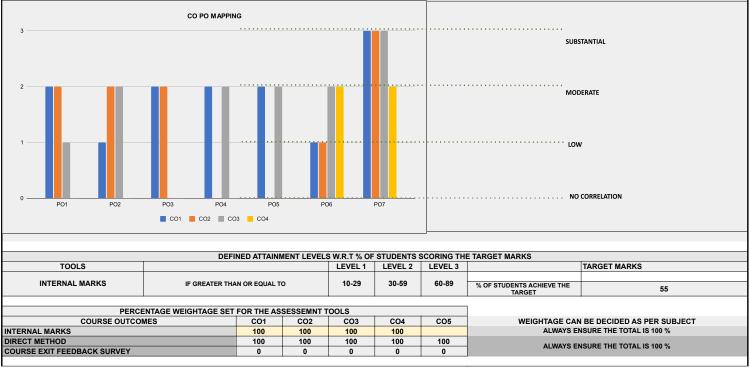
#### **COPO Mapping**

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								
C01	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									
соз	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 Attainment	ts								
PO1 Attainment	3.00		PO5 Attainment	3.00							
PO2 Attainment	3.00		PO6 Attainment	3.00							
PO3 Attainment				3.00							
PO4 Attainment	3.00		PO8 Attainment	3.00							



	USM'S KAM	LA RAHEJA	VIDYANIDHI II	NSTITUTE FO	R ARCHITECT	URE AND E	NVIRONMENT	AL STUDIES		
			BA	CHELORS OF	ARCHITECTU	IRE				
		cou	RSE OUTCON	IE AND PROG	GRAM OUTCO	ME ASSESS	MENT			
				COURSE	DETAILS					
PROGRAM					THIF	RD YEAR B-A	ARCH			
ACADEMIC YEAR						2019-2020				
SEMESTER						SEM 5				
EXAMINATION SCHEME						Sessionals (Ir				
COURSE NAME (AS PER MU)					Architectural F		n & Detailing 5	i		
COURSE CODE (AS PER MU)						BARC507				
FACULTY				Jimmy,	Ainsley, Minal		hir, Dnyanesh,	Nemish		
FACULTY INCHARGE						Jimmy				
TOTAL MARKS						100				
CO. No.		00	JRSE OUTC	OME				RBT (REVISE	ED BLOOMS TAXONOMY)	
00. NO.		00								
CO1		he program r	equirements a	nd operations.	-			L2 - Understan	d (Explain ideas or concepts)	
CO2	Students are enabled infrastructural, envelope sy	Students are enabled to choose the correct system from the wide array of structural, astructural, envelope systems along with the appropriate construction material and technique to arrive at a design idea.							d (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 situation)							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)		
			PING OF COU							
CO. No	P01	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.									
	· · · · · · · · · · · · · · · · · · ·									
			CO	RRELATION L	EVELS FOR F	POS				
1	SLIGHT (LOW)									
2	MODERATE (MEDIUM)									
3	SUSBTANTIAL (HIGH)									
0					NC	CORRELAT	ION			
		_								





CO NO     ASSESSMENT (INTERNAL)     SEE     CEFB     ATAINME TARGET     ACHIEVED TARGET     COUNTERING       C01     3     -     3.00     2.5     Yes     Targets Achieved       C02     3     -     3.00     2.5     Yes     Targets Achieved       C03     3     -     3.00     2.5     Yes     Targets Achieved       C04     3     -     3.00     2.5     Yes     Targets Achieved	COURSE OUTCOME ATTAINMENT LEVELS											
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				SEE	CEFB	NT	TARGET	ACHIEVED				
CO3     3     -     3.00     2.5     Yes     Targets Achieved       CO4     3     -     3.00     2.5     Yes     Targets Achieved			3		-	3.00						
CO4     3     .     3.00     2.5     Yes     Targets Achieved												
FINAL CO ATTAINMENT												
FINAL CO ATTAINMENT	CO4											
SEE												
	CEFB											
	SEE											
ASSESSMENT (INTERNAL)												
	(INTERNAL)											
1 1.5 2 2.5 3	1			1.5			2		25 3			
					📕 CO1 📕	CO2 🔳 CO3	- CO4					



PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Architectural T	heory 3						
COURSE CODE (AS PER MU)	BARC509							
			СОРО	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 Atta	ainments				
CO. No CO STATEMENTS				FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES			
CO1	Understanding the relationship between spatial, temporal and intellectual contexts and architectural form							
CO2	Understanding twentieth cent		ideas from	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 artefacts3.00							
			Course-level	PO Attainmen				
PO1 Attainmen	•		3.00		PO5 Attainment			3.00
PO2 Attainmen			3.00		PO6 Attainment			3.00
PO3 Attainmen PO4 Attainmen	-		3.00 3.00		PO7 Attainment PO8 Attainment			3.00
FU4 Allammen	L		3.00			lient		3.00



IDENTITY IF CORR ACTIFYC URE AND EXPONENCE LLA STODIES           IDENTITY IF CORR ACTIFYC URE AND EXPONENCE LLA STODIES           COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT           IDENTITY IF CORR ACTIFY IF INTERNATIONAL STADIES IN THE INTERNATIONAL STADIES INTERNATIONAL STADIES IN THE INTERNATIONAL STADIES INTER												
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT           COURSE OF ASSESSMENT           COURSE OF ASSESSMENT           SUBJECTER										USIN'S NAME		
Intel® YAR         YAR         YAR         YAR				MENT					COUR			
Intel® YAR         YAR         YAR         YAR						DETAILS	COURSE					
SEAR STRR       SEAR STRR       SEAR STRR       CONSERVICE CONCENSE IN INFORMATION INFORMAT				RCH								
EXAMINATION SCHEME         Only Searched Internet)           COURING NOVE (SPERIND)         Additional Transport           COURING NOVE (SPERIND)         Return Stream,												
Additional Transport           Additional Transport           Additional Transport           Additional Transport           ROURS COLSPANDED           ROURS COLSPANDED           COLUMES (VERTION)           ROURS COLSPANDED           ROURS COLSPANDED           COLUMES (VERTION)				temp		<u> </u>						
BARENDO           COURSE CODE (AS PER 4U)           RED. CODE (AS PER 4U)           RED. CODE (AS PER 4U)           RED. COLSPECTION COMMENT           COURSE OUTCOMES AND PROGRAM OUTCOMES           COURSE OUTCOMES and related to ontacts and actitude (Explain lates or concepts)           COURSE OUTCOMES AND PROGRAM OUTCOMES           COURSE OUTCOMES and actitude (Explain lates or concepts)           COURSE OUTCOMES AND PROGRAM OUTCOMES           COURSE OUTCOMES AND PROGRAM OUTCOMES <th cols<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td>											
POLLY         Read Strikture Stand Jose           NGULY MARKS         0         0           CO.N.         COURSE CUTCOME         BRT (REVISED BLOOMS TAXONOMY)           CO         Understanding be relationing belowen spatial, lempant and inelactual contexts and L2 - Understand (Explain Ideas or concepts)           CO         Understanding be relationing belowen spatial, lempant and inelactual contexts and L2 - Understand (Explain Ideas or concepts)           CO2         Understanding be relationing belowen spatial, lempant and inelactual contexts and L2 - Understand (Explain Ideas or concepts)           CO3         Applying citical Instruction dises for twentile definity thought.         L2 - Understand (Explain Ideas or concepts)           CO3         Applying citical Instruction dises for twentile definity thought.         L2 - Understand (Explain Ideas or concepts)           CO3         Applying citical Instruction of twentile definity thought.         L2 - Understand (Explain Ideas or concepts)           CO3         Applying citical Instruction In the work of the context is and and inclusion of the context is and an inclusion of the context is an an inclusion of the context is an inclusion of				ly 3		Arch						
Robust Statuture           Solution           CO. No.         COURSE OUTCOME         RBT (REVISED BLOOMS TAXONOW)           CO1         Understanding the relational polates inpool and intelectual contexts and architecture and outcome to be analytical transport of the functional contexts and architecture and other.         L2 - Understanding takes or concepts)           CO2         Understanding masing and index or texts and architecture and other.         L2 - Understanding takes or concepts)         L2 - Understanding takes or concepts)           CO3         Applying ortical thinking skills to evolve analytical transports to read architecture and other.         L2 - Understanding takes or concepts)           Conclusion and Resolution         La - Statistical (Explain ideas or concepts)           Conclusion and Resolution         La - Statistical (Explain ideas or concepts)           Conclusion and Resolution         Nortexade         Explain ideas or concepts)           Conclusion and Resolution         Nortexade         RB / POS         PO / POS         PO / POS         PO / POS         CO ArcEndG           Conclusion and Resolution         No Conclusion and Resolution         No Conclusion           CORELATION LEVELS PR POS <td></td> <td></td> <td></td> <td>rish Joshi</td> <td></td> <td>Rohan S</td> <td></td> <td></td> <td></td> <td></td> <td></td>				rish Joshi		Rohan S						
CO. No.         COURSE OUTCOME         RBT (REVISED BLOOMS TAXONOMY)           C01         Understanding the reationable bitsmen stabilit, impropriat and intelectual contexts and achievable bitsmen stabilit, impropriat and intelectual contexts and achievable bitsmen stabilit, impropriat and intelectual contexts and achievable bitsmen stability. The stability floquit.         L2 - Understand (Explain Ideas or concepts)           C02         Understanding meetings and loses from twentieth century thought.         L2 - Understand (Explain Ideas or concepts)           C03         Applying ontical thereing skills to excluse avoid tables.         L2 - Understand (Explain Ideas or concepts)           C03         Applying ontical thereing skills to excluse avoid tables.         L2 - Understand (Explain Ideas or concepts)           C03         Applying ontical thereing skills to excluse avoid tables.         L2 - Understand (Explain Ideas or concepts)           C03         Applying ontical thereing skills to excluse avoid and tables.         L2 - Understand (Explain Ideas or concepts)           C04         P03         P04         P04         P03         P04         P03         20         Applying ontical thereing skills to excluse avoid tables.         L2 - Understand (Explain Ideas or concepts)           C05         No         P04         P04         P03         20         Applying ontical thereing avoid avoid tables.         L2 - Makerstand (Explain Ideas or concepts)         L2 - Makerstand (Explain Ideas or concepts				nar	han Shivkun	R						
C01         Understanding the relationship between spatial, temporal and intellectual contexts and activational form         L2 - Understanding (Explain) ideas or concepts)           C02         Understanding readings and ideas from heartlich centry thought         L3 - Understanding (Explain) ideas or concepts)           C03         Applying critical binking skills to exclude a tablecian         L4 - Analyse (Draw Connections among ideas)           C03         Applying critical binking skills to exclude a tablecian         L4 - Analyse (Draw Connections among ideas)           C03         Applying critical binking skills to exclude a tablecian         PO4         PO5         PO5         PO7         PO6         CO AreEAGE           C03         Applying critical binking skills to exclude a tablecian         PO4         PO5         PO5         PO7         PO6         CO AreEAGE           C03         Applying critical binking skills to exclude a tablecian         Intervention					50						L MARKS	
CO2         Understanding readings and ideas from twentieth century thought.         L2 - Understanding readings and ideas from twentieth century thought.           C03         Applying critical brinking skills to only analysis of transverse to read architecture and other         L4 - Analyse (Draw connections among ideas)           C03         Applying critical brinking skills to only a major of counses only dod frameworks to read architecture and other         L4 - Analyse (Draw connections among ideas)           C03         Applying critical brinking skills to only a major of counses only dod frameworks to read architecture and other         L4 - Analyse (Draw connections among ideas)           C04         P01         P02         P04         P05         P07         9         1         7           C05         P01         10         0         2.0         1.00		D BLOOMS TAXONOMY)	RBT (REVISE				OME	RSE OUTC	COUI		O. No.	
12 - Understand(Explain ides or concepts)         12 - Understand(Explain ides or concepts)         CO3       12 - Understand(Explain ides or concepts)         CO3       12 - Understand(Explain ides or concepts)         CO3       12 - PO3       PO4       PO5       PO8       CO AVERAGE         CO       No PO1       PO 2       PO3       PO4       PO8       PO8       CO AVERAGE         CORELATION LEVELS FOR POS         CORELATION LEVELS FOR POS         SUGATI COND         2       SUGATI COND         CORELATION LEVELS FOR POS         CORELATION LEVELS FOR POS         SUGATI COND         SUGATI COND <td></td> <td>(Explain ideas or concepts)</td> <td>L2 - Understand</td> <td></td> <td>exts and</td> <td>tellectual con</td> <td></td> <td></td> <td></td> <td>derstanding the rel</td> <td>C01</td>		(Explain ideas or concepts)	L2 - Understand		exts and	tellectual con				derstanding the rel	C01	
CO3     Applying critical thinking suits to evolve analytical frameworks to read architecture and other     L4- Analyse (Draw connections among idea)       CO3     Modeward     Connections     Connections     Connections     Connections     Connections       CO3     PO4     PO4     PO4     PO4     PO4     PO4     PO4     PO5     PO5     PO7     PO6     PO7     PO8     PO8     PO7     PO8     PO8     PO7     PO8     PO8     PO7     PO8     PO8     PO8     PO8     PO7     PO8     PO7     PO8     PO8     PO7     PO8     PO8     PO7     PO8     PO7     PO8     PO8     PO7     PO8     PO8 </td <td></td> <td>(Explain ideas or concepts)</td> <td>L2 - Understand</td> <td></td> <td></td> <td>tury thought.</td> <td></td> <td></td> <td></td> <td>Understand</td> <td>CO2</td>		(Explain ideas or concepts)	L2 - Understand			tury thought.				Understand	CO2	
MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES           CO. No         PO1         PO2         PO3         PO4         PO3         PO4         So         O		w connections among ideas)	L4 - Analyse (Dra		e and other		meworks to re	analytical fra	skills to evolve		соз	
CO. No         PD1         PD2         PD3         PD4         PD5         PD6         PD7         PD8         CO AVERAGE           CO1         1         0         0         2         1         0         1         1         0         1         1         0         1         1         0         1         1         0         1         1         0         1         1         1         0         1         1         0         1         1         0         1         1         0         1         1         0         1         1         0         1         1         0							its	ultural artefac	CL			
CO. No         PO1         PO2         PO2         PO3         PO5         PO5         PO5         PO7         PO8         CO.AVERAGE           CO3         1         0         0         2         0         1         3         0         1.75           CO3         2         3         1.00         1.00         1.00         1.67         3         0         1.75           COALDING         2.33         1.00         1.00         1.00         1.67         3.00         1.00         1.75           Conclusion and Resolution         te course aims to expose students to ideas in architecture in the twenthet century. These are meant to help them analyse architectural production througe           1         CORRELATION LEVELS FOR POS         1				COMES	GRAM OUT	IES AND PRO	RSE OUTCOM		MAPPIN			
CO1         3         4         1         2         1         2         3         4         1.75           CO3         2         0         1         2         0         1         3         0         1.75           CO3         2.33         1.00         1.00         2.00         1.00         1.00         1.00         2.00         1.00         1.00         2.00         1.00         1.00         2.00         1.00         1.00         2.00         1.00         1.00         2.00         1.00         1.00         1.00         2.00         1.00		CO AVERAGE	PO8							PO1	O. No	
CO2         1         0         0         2         0         1         3         0         1.75           PO AVERAGE         2.33         1.00         1.00         2.00         1.00         1.67         3.00         1.00         2.23         1.00         1.22         3         1.00         1.22         3         1.00         1.22         3         1.00         1.22         3         1.00												
PO AVERAGE         2.33         1.00         1.00         2.00         1.60         1.67         3.00         1.00           Conclusion and Resolution         be course aims to expose students to ideas in architecture in the twontieth century. These are meant to help them analyse architectural production through the course aims to expose students to ideas in architecture in the twontieth century. These are meant to help them analyse architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose students to ideas in architectural production through the course aims to expose aims to expose sto expose to ideas to ideas to ideas the cox												
Conclusion and Resolution to ecourse aims to expose students to ideas in architecture in the twentieth century. These are meant to help them analyse architectural production througe  CORRELATION LEVELS FOR POS  1 CORRELATION LEVELS FOR POS  2 CO PO MAPPING  CO		2.20										
CORRELATION LEVELS FOR POS           1         SLIGHT (LOW)           2         MODERATE (MEDIUM)           3         SUBSTANTIAL (HIGH)           0         NO CORRELATION			1.00	3.00	1.67	1.00	2.00	1.00	1.00	2.33	VERAGE	
1         SLIGHT (LOW)           2         MODERATE (MEDIUM)           3         SUBSTANTIAL (HIGH)           0         NO CORRELATION	ough a paper.	e architectural production through	o help them analyse	e are meant to	entury. These	e twentieth c	itecture in the	deas in arch	e students to i	se aims to expose	and Resolution	
1       SLIGHT (LOW)         2       MODERATE (MEDIUM)         3       SUBSTANTIAL (HIGH)         0       NO CORRELATION         SUBSTANTIAL (HIGH)         O PO MAPPING         SUBSTANTIAL (HIGH)         O PO MAPPING         SUBSTANTIAL (HIGH)         SUBSTANTIAL         O PO MAPPING         SUBSTANTIAL         MODERATE         MODERATE         MODERATE         MODERATE         MODERATE         MODERATE         MODERATE         MODERATE         MODERATE         DEFINED ATTAINMENT LEVELS W.R. T % OF STUDENTS SCORING THE TARGET MARKS         IDEFINED ATTAINMENT LEVELS W.R. T % OF STUDENTS											<b>I</b>	
2 MODERATE (MEDIUM) 3 SUBSTANTIAL (HIGH) 0 NO CORRELATION 3 CO PO MAPPING 3 CO PO MAPPING 4 CO PO MAPPING 4 CO PO MAPPING 3 CO PO MAPPING 4 CO PO MAPPI				0			RRELATION L	CO				
3 SUBSTANTIAL (HIGH) 0 NO CORRELATION CO PO MAPPING 3 CO PO MAPPING 3												
0 NO CORRELATION				DIUM)	ERATE (MED	MOE					2	
0 NO CORRELATION				IIGH)	BTANTIAL (F	SUS					3	
CO PD MAPPING CO PD MAPPING SUBSTANTIAL SUBSTANTIAL MODERATE MODERATE MODERATE MODERATE LOW NO CORRELATION NO CORRELATION NO CORRELATION NO CORRELATION DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS INTERNAL MARKS IF GREATER THAN OR EQUAL TO DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TARGET MARKS V OF STUDENTS ACHEVE THE 28												
DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS         INTERNAL MARKS       TARGET MARKS         INTERNAL MARKS       IF GREATER THAN OR EQUAL TO       10-29       30-59       60-89       % OF STUDENTS ACHIEVE THE       28         PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMIN TOOLS         COURSE OUTCOMES       CO4       CO5       WEIGHTAGE CAN BE DECIDED AS PER SUBJECT         TERNAL MARKS       100       100       100       100		erate /				P07	26	PC			1 P02	
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         C01         C02         C03         C04         C05         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT ALWAYS ENSURE THE TOTAL IS 100 %			IARKS	E TARGET M			5 W.R.T % OF			DEFI		
PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS         TARGET         28           COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT           ITERNAL MARKS         100         100         100         100         100         ALWAYS ENSURE THE TOTAL IS 100 %		TARGET MARKS			LEVEL 3	LEVEL 2	LEVEL 1				OOLS	
COURSE OUTCOMES         CO1         CO2         CO3         CO4         CO5         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT           ITERNAL MARKS         100         100         100         100         100         Always Ensure the total is 100 %					60-89	30-59	10-29	0	AN OR EQUAL TO	IF GREATER TH	IAL MARKS	
ITERNAL MARKS         100         100         100         100         ALWAYS ENSURE THE TOTAL IS 100 %		28				604				WEIGHTAGE SET		
					007	004						
IRECT METHOD 100 100 100 100 100 AUM/AVO ENALUATO ENALUATO	ст	BE DECIDED AS PER SUBJECT				100						
OURSE EXIT FEEDBACK SURVEY         0 </td <td>CT</td> <td>BE DECIDED AS PER SUBJECT</td> <td>ALWAYS EN</td> <td></td> <td>100</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	CT	BE DECIDED AS PER SUBJECT	ALWAYS EN		100							
COURSE OUTCOME ATTAINMENT LEVELS	CT	BE DECIDED AS PER SUBJECT	ALWAYS EN		100 100	100	100	100	100		)	
CO N0 ASSESSMENT (INTERNAL) SEE CEFB ATTAINME TARGET 2 CO Corrective Measures	CT	BE DECIDED AS PER SUBJECT	ALWAYS EN		100 100 0	100	100 0	100 0	100 0	URSE OUTCOME	)	
CO1 3 - 3.00 2 Yes	ст	BE DECIDED AS PER SUBJECT	ALWAYS EN ALWAYS EN		100 100 0 TARGET ACHIEVED	100 0 CO	100 0 FINAL CO ATTAINME	100 0 LEVELS	100 0	SSESSMENT	D EEDBACK SURVEY	
CO2 The Course can be designed to be more difficult. A writing as	CT	BE DECIDED AS PER SUBJECT	ALWAYS EN ALWAYS EN		100 100 0 TARGET ACHIEVED ?	100 0 CO TARGET	100 0 FINAL CO ATTAINME NT	100 0 LEVELS CEFB	100 0 ATTAINMENT SEE	SSESSMENT (INTERNAL)	CON0	
CO2         3         -         3.00         2         Tes         needs to challenge the students to read more.           CO3         3         -         3.00         2         Yes         Yes	g assignment	BE DECIDED AS PER SUBJECT ISURE THE TOTAL IS 100 % ISURE THE TOTAL IS 100 %	ALWAYS EN ALWAYS EN ve Measures se can be designed	CO Correctiv	100 100 0 TARGET ACHIEVED ?	100 0 CO TARGET	100 0 FINAL CO ATTAINME NT 3.00	100 0 LEVELS CEFB	100 0 ATTAINMENT SEE	SSESSMENT (INTERNAL) 3	CO1	



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO 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	
			co A	ATTAINTMENT	1		
FINAL CO ATTAINMENT							
					_		
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
1	1	.5			2		2.5 3
			CO1	📕 CO2 🔳 CO	D3		



PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 5							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	College Project	cts 5						
COURSE CODE (AS PER MU)	BARP520							
			СОРО	Mapping	1		1	
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
			00.44					
	1		COAtt	ainments				
CO. No	CO STATEMEN	-		FINAL CO ATTAINMENT	со	CORRECTIV	/E MEASURE	ES
C01	resolve withou	enabled to devo ut compromisin n the program u s.	g their design	2.00				
CO2	Students are e system from th infrastructural with the appro		tems along ction material	2.00				
СОЗ	behavioral pro informed desig	understand ma operties and be gn decisions ba owledge learnt	able to take ased on	2.00				
C04	showcasing al	create a detaile Il design attribu xecution purpo	ites and	2.00				
			Course-level	PO Attainmen	its			
PO1 Attainmen	t		2.00		PO5 Attainn	nent		2.00
PO2 Attainmen	t		2.00		PO6 Attainn	nent		2.00
PO3 Attainmen	t		2.00		PO7 Attainn	nent		2.00
PO4 Attainmen	t		2.00		PO8 Attainn	nent		2.00



								ITAL STUDIES	
	USWI S KAWL			CHELORS OF				TAL STUDIES	
		cour		ME AND PROG			OMENT		
		COUR				JIVIE ASSES	SIVIENI		
PROGRAM				COURSE	DETAILS	RD YEAR B-A	ARCH		
ACADEMIC YEAR						2019-2020			
SEMESTER						SEM 5			
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessionals (Ir llege Projects			
COURSE CODE (AS PER MU)						BARP520	5.5		
FACULTY							Durvesh, Dyar		
FACULTY INCHARGE TOTAL MARKS				Ainsley, Ne	emish, Minal, .	Jimmy, Mihir, 100	Durvesh, Dyar	nesh, Rutika	
						100			
CO. No.	Students are enabled to de				their design is	loss to match		RBT (REVIS	ED BLOOMS TAXONOMY)
C01	1	the program r	equirements a	and operations				L2 - Understand	d (Explain ideas or concepts)
CO2	Students are enabled infrastructural, envelo	pe systems al		appropriate col				L4 - Analyse (Dr	aw connections among ideas)
CO3	To be able to understand dec			ties and be abl knowledge lea		med design		L2 - Understand	d (Explain ideas or concepts)
CO4	To be able to create a c		lio showcasin ecution purpo		ributes and d	etailing for		L6 - Create (Pr	oduce new or original work)
		MADD		RSE OUTCON			COMES		
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE
CO1	2	1	0	0	2	1	2	2	1.67
CO2 CO3	2	2	1	0	0	1	2	2	1.67 1.57
CO3	0	0	0	0	0	1	1	2	1.57
PO AVERAGE	1.67	1.67	1.00	1.00	2.00	1.00	1.75	2.00	
Conclusion and Resolution					Course ac	hieves a low	resolution.		
			co	RRELATION L	EVELS FOR	POS			
1						SLIGHT (LOV	N)		
2					MOE	DERATE (ME	DIUM)		
3					SUS	BTANTIAL (H	HIGH)		
0					NC	CORRELAT	TION		
3	CO PO MAPPIN	NG						SUB	STANTIAL
2									DERATE
0 P01 P02	P03 P04	P05	Pi	26	P07			NO	CORRELATION
	DEFI				OTUDENTO				
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3	HE TARGET N		TARGET MARKS
INTERNAL MARKS	IF GREATER TH	AN OR EQUAL	то	10-29	30-59	60-89		ENTS ACHIEVE THE TARGET	68
DEDO	ENTAGE WEIGHTAGE SET		SESSEMNT	TOOLS			1		
COURSE OUTC		CO1	CO2	CO3	CO4	CO5		WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT
TERNAL MARKS		100	100	100	100	0			NSURE THE TOTAL IS 100 %
		100	100	100	100	100	_	ALWAYS E	NSURE THE TOTAL IS 100 %
OURSE EXIT FEEDBACK SURVEY		0	0	0	0	0			





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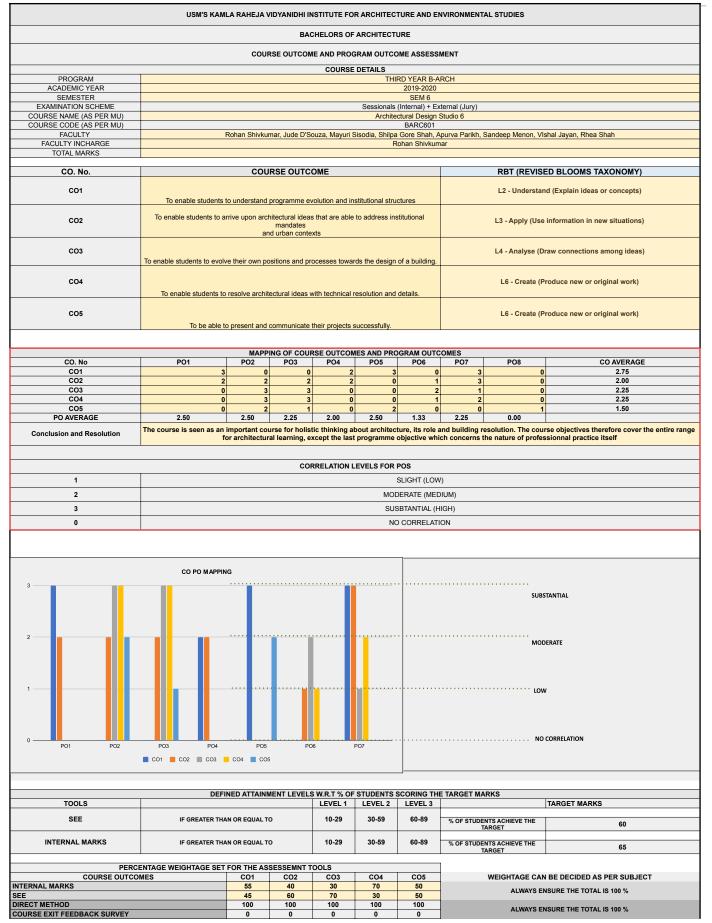
PROGRAM	THIRD YEAR B-ARCH
ACADEMIC YEAR	2019-2020
SEMESTER	SEM 6
EXAMINATION SCHEME	Sessionals (Internal) + External (Jury)
COURSE NAME (AS PER MU)	Architectural Design Studio 6
COURSE CODE (AS PER MU)	BARC601

#### **COPO Mapping**

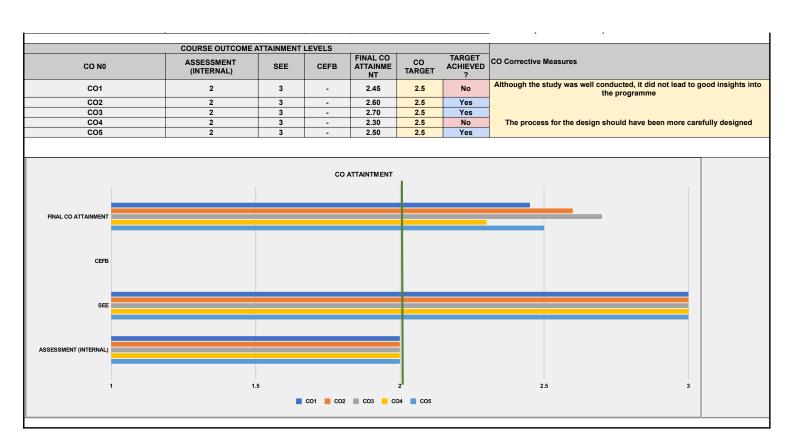
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	0	0	2	3	0	3	0
CO2	2	2	2	2	0	1	3	0
CO3	0	3	3	0	0	2	1	0
CO4	0	3	3	0	0	1	2	0
CO5	0	2	1	0	2	0	0	1

	CO Atta	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	To enable students to understand programme evolution and institutional structures	2.45	Although the study was well conducted, it div lead to good insights into the programme	d not
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 bee more carefully designed	n
CO5	To be able to present and communicate their projects successfully.	2.50		
	Course-level I	PO Attainment	ts	
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











PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 6							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Allied Design	Studio 6						
COURSE CODE (AS PER MU)	BARC602							
			COPO	Mapping				
				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 Atta	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	S
CO1	open spaces of	tudents to the of varied scale ge scale to sm	s from	2.00	To introduce understand s a region.			
CO2	the immediate		nd systems	2.00	Students wil like quadrant interrelations regional cont	t analysis to hip of site รเ	build an	
CO2 CO3	the immediate larger ecologia with their inter To explore 'La as part of a se and discussion	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e pilities in the pu	ings to the nd systems ects + Practices' t presentations expose them to	2.00 2.00	like quadrant interrelations	t analysis to hip of site รเ	build an	
	the immediate larger ecologie with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape		like quadrant interrelations	t analysis to hip of site รเ	build an	
	the immediate larger ecologie with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape e users,		like quadrant interrelations	t analysis to hip of site รเ	build an	
CO3	the immediate larger ecologie with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape e users, site responses.	2.00 2.00	like quadrant interrelations regional cont	t analysis to hip of site รเ	build an	
CO3 CO4	the immediate larger ecologia with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that architectural p	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape e users, site responses. Course-level F	2.00 2.00	like quadrant interrelations regional cont	t analysis to hip of site su text.	build an	and
CO3 CO4 PO1 Attainmen	the immediate larger ecologia with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that architectural p	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape e users, site responses. Course-level F 2.00	2.00 2.00	like quadrant interrelations regional cont	t analysis to hip of site su text.	build an	and 2.00
CO3 CO4	the immediate larger ecologia with their inter To explore 'La as part of a se and discussion various possib landscape arc To help studer programs that architectural p	e site surround cal networks a -relationships. ndscape Proje eries of studen ns in order to e bilities in the pu- hitecture. nts formulate la	ings to the nd systems ects + Practices' t presentations expose them to urview of andscape e users, site responses. Course-level F	2.00 2.00	like quadrant interrelations regional cont	t analysis to hip of site su text. nent nent	build an	and



	USM'S KAML	A RAHEJA VI	DYANIDHI IN	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIE	S
			BAG	CHELORS OF	ARCHITECT	URE		
		COUR	SE OUTCON	IE AND PROG	RAM OUTCO	ME ASSES	MENT	
				COURSE				
PROGRAM ACADEMIC YEAR					THI	2019-2020	RCH	
SEMESTER					Only	SEM 6	ta	
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessiona <b>l</b> s (Ir I Design Stud		
COURSE CODE (AS PER MU) FACULTY				Sandoon		BARC602	Rhea, Prachi V, Samira	
FACULTY INCHARGE				Sandeep	wi, Sanyuka	Sandeep M	Rhea, Frachi V, Samira	
TOTAL MARKS						100		
CO. No.		COU	RSE OUTC	OME			RBT (R	EVISED BLOOMS TAXONOMY)
CO1	To sensitize students to t		f open spaces small space a		les from Regio	onal - large	L2 - Unde	rstand (Explain ideas or concepts)
CO2	To enable students to b ecological	uild connectio networks and	ns of the imm systems with	nediate site su n their inter-rela	roundings to ationships.	the larger	L4 - Analy	se (Draw connections among ideas)
CO3	To explore 'Landscape and discussions in o	order to expos		ious possibi <b>l</b> iti			L3 - Apply	(Use information in new situations)
CO4	To help students formu		e programs th s, and site res		the users, arc	hitectural	L6 - Crea	te (Produce new or original work)
CO. No	P01	MAPPI PO2		RSE OUTCOM PO4		DGRAM OUT PO6	COMES PO7 PO8	CO AVERAGE
CO1	P01 3	PO2 2	PO3 2	PO4 0	PO5 0	PO6 1	PO7 PO8 3 3	2,33
CO2 CO3	2	2 3	1	2	2	2	3 2 0 0	2.00 1.80
CO3	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								nning, and landscape design development in the luce more methods for the same.
			CO	RRELATION L	EVELS FOR	POS		
1					:	SLIGHT (LOV	/)	
2					MOE	ERATE (MEI	DIUM)	
3					SUS	BTANTIAL (F	lIGH)	
0					NC	CORRELAT	ION	
	CO PO MAPPIN	G						
3								SUBSTANTIAL
0 PO1 PO2	P03 P04 C01 C02 C0	P05 3 CO4	PC	26				· · LOW
	🔳 CO1 📕 CO2 📗 CC	3 <mark>–</mark> CO4		S W.R.T % OF	STUDENTS		IE TARGET MARKS	. NO CORRELATION
TOOLS	CO1 CO2 CC	3 <u> </u>		S W.R.T % OF	STUDENTS LEVEL 2	LEVEL 3	IE TARGET MARKS	NO CORRELATION
TOOLS INTERNAL MARKS		3 CO4	ENT LEVELS	S W.R.T % OF LEVEL 1 10-29	STUDENTS			NO CORRELATION
TOOLS INTERNAL MARKS PERCE COURSE OUTCO	CO1 CO2 CO DEFIN IF GREATER THA	CO4	ENT LEVELS o SESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	STUDENTS LEVEL 2 30-59 CO4	LEVEL 3 60-89 CO5	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG	TARGET MARKS
TOOLS INTERNAL MARKS PERCE COURSE OUTCO NTERNAL MARKS JIRECT METHOD	CO1 CO2 CO DEFIN IF GREATER THA	CO4	O SESSEMNT	S W.R.T % OF LEVEL 1 10-29 TOOLS	STUDENTS LEVEL 2 30-59	LEVEL 3 60-89	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW	TARGET MARKS
TOOLS INTERNAL MARKS PERCE COURSE OUTCO NTERNAL MARKS JIRECT METHOD	CO1 CO2 CC DEFIN IF GREATER THA ENTAGE WEIGHTAGE SET IMES	CO4	O SESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	STUDENTS LEVEL 2 30-59 CO4 100 100	LEVEL 3 60-89 CO5 100 100	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW	TARGET MARKS THE 65 E CAN BE DECIDED AS PER SUBJECT AYS ENSURE THE TOTAL IS 100 %
TOOLS INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS DIRECT METHOD	CO1 CO2 CO DEFIN IF GREATER THA	CO4	O SESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	STUDENTS LEVEL 2 30-59 CO4 100 100	LEVEL 3 60-89 CO5 100 100	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW ALW CO Corrective Measures	TARGET MARKS THE 65 E CAN BE DECIDED AS PER SUBJECT AYS ENSURE THE TOTAL IS 100 % AYS ENSURE THE TOTAL IS 100 %
TOOLS INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY	COURSE OUTCOME / ASSESSMENT	CO4 ED ATTAINM N OR EQUAL T FOR THE AS CO1 100 100 0 0 XTTAINMENT	o SESSEMNT CO2 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME	STUDENTS LEVEL 2 30-59 CO4 100 0 0 CO	LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW CO Corrective Measures To introduce more case	NO CORRELATION  TARGET MARKS  THE 65  E CAN BE DECIDED AS PER SUBJECT AYS ENSURE THE TOTAL IS 100 %  AYS ENSURE THE TOTAL IS 100 %  examples to make them understand shifting scales
TOOLS INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY CO N0	COURSE OUTCOME / ASSESSMENT (INTERNAL) 2	CO4 ED ATTAINM N OR EQUAL T FOR THE AS CO1 100 0 0 TTAINMENT SEE	o SESSEMNT CO2 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 0 100 0 FINAL CO ATTAINME NT 2,00	STUDENTS LEVEL 2 30-59 CO4 100 0 0 CO TARGET	LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED ?	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW ALW CO Corrective Measures To introduce more case while understanding a re Students will be introdu	NO CORRELATION  TARGET MARKS  THE 65  E CAN BE DECIDED AS PER SUBJECT AYS ENSURE THE TOTAL IS 100 %  examples to make them understand shifting scales gion. ecd to more methods like quadrant analysis to
TOOLS INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY CO N0 CO1	COURSE OUTCOME A ASSESSMENT (INTERNAL)	CO4 ED ATTAINM N OR EQUAL T FOR THE AS CO1 100 0 0 TTAINMENT SEE	O SESSEMNT CO2 100 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT	STUDENTS LEVEL 2 30-59 CO4 100 0 0 CO TARGET 3	LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED ? No	IE TARGET MARKS % OF STUDENTS ACHIEVE TARGET WEIGHTAG ALW ALW CO Corrective Measures To introduce more case while understanding a re Students will be introdu	NO CORRELATION  TARGET MARKS  THE 65  E CAN BE DECIDED AS PER SUBJECT AYS ENSURE THE TOTAL IS 100 %  AYS ENSURE THE TOTAL IS 100 %  examples to make them understand shifting scales gion.



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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.
CO2	2		•	2.00	3		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	
			CO A	TTAINTMENT	1		
FINAL CO ATTAINMENT							
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
	1.		🔲 CO1 📕 G	CO2 CO3	1.5 CO4		1.75 2



PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 6							
EXAMINATION SCHEME	Sessionals (In	iternal) + Theo	ory (Exam)					
COURSE NAME (AS PER MU)	E Architectural E	Building Const	ruction 6					
COURSE CODE (AS PER MU)	BARC603							
			СОРО	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 Att	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	S
CO1	To apply analy analyze frame both RCC and	ed structures, i	ncorporating	2.40	Achieved as	planned		
CO2	To critically ev structural and structures, co between archi functionality, a	detailing aspensidering the interview of the second	ects of framed nterplay etics,	2.45	Achieved as	planned		
CO3	To develop the construction, u	e ability to reso utilizing precas ost-stressed an niques, retaini	olve large span at elements and nd pre-stressed ng wall	2.50	Achieved as			
CO4	To address et the use of cor techniques in design, taking environmental well-being.	struction mate large span arc into account s	chitectura <b>l</b> sustainability,	2.35	Achieved as	planned		
			Course-level	PO Attainmen	ts			
PO1 Attainme	ent		2.44		PO5 Attainn	nent		2.43
PO2 Attainme	ent		2.43		PO6 Attainn	nent		2.42
PO3 Attainme			2.46		PO7 Attainn			2.45
PO4 Attainme	ent		2.35		PO8 Attainn	nent		2.40



	USM'S KAML	A RAHEJA V		NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUD	IES	
				CHELORS OF					
		COUR		ME AND PROC	RAM OUTCO	OME ASSESS	MENT		
				COURSE	DETAILS				
PROGRAM ACADEMIC YEAR					THI	RD YEAR B-A 2019-2020	RCH		
SEMESTER						SEM 6			
EXAMINATION SCHEME COURSE NAME (AS PER MU)					Sessionals	(Internal) + Th Building Cor	eory (Exam)		
COURSE CODE (AS PER MU)						BARC603			
FACULTY FACULTY INCHARGE				Jimm	y, Avneesh, S	hrey, Dnyane: Jimmy	sh, Neeraj, Sandhya		
TOTAL MARKS						100			
CO. No.		cou	IRSE OUTO	OME			PBT	REVISE	D BLOOMS TAXONOMY)
C01	To apply analytical skills to	design and a		d structures, in	corporating b	oth RCC and			formation in new situations)
CO2	To critically evaluate and considering the interplay	optimize the	structural and	d detailing aspe	ects of framed onality, and co	structures,	L5 - E <sup>1</sup>	valuate (J	ustify a stand or decision)
CO3	To develop the ability to considering post-stressed	and pre-stres	e span constr	e techniques, re			L6 - Cr	eate (Pro	duce new or original work)
CO4	To address ethical consider large span architectural de	ations related	d to the use o	f construction i sustainability, e			L4 - Ana	lyse (Dra	w connections among ideas)
				RSE OUTCOM					
CO. No CO1	P01 2	PO2 1	PO3	PO4 0	PO5 0	PO6	PO7 PO 3 0		CO AVERAGE 1.60
CO2	1	2	3	0	0	3	2 1		2.00
CO3 CO4	3	0	2	0	2	1	3 1		2.00 2.20
PO AVERAGE	1.75	1.50	0 2.00	3.00	2 2.00	2 1.75	0 3 2.67 1.6		2.20
Conclusion and Resolution		The cours	e outcomes	is aligning wi	th the progra	m outcomes	moderately.		
			со	RRELATION L	EVELS FOR				
1					:	SLIGHT (LOV			
1 2						SLIGHT (LOV			
2					MOE	DERATE (MED	NUM)		
	CO PO MAPPIN	G			MOE SUS		IGH)		
2 3		P05	P	06	MOE SUS	DERATE (MED SBTANTIAL (H	IGH) ON	SUBST	ANTIAL RATE ORRELATION
2 3 0	P03 P04 0 C01 0 C02 0 C0	P05 3 _ C04			MOL SUS NC	DERATE (MEL SBTANTIAL (H CORRELAT	IGH) ON	SUBST MODE LOW	RATE
2 3 0	P03 P04 0 C01 0 C02 0 C0	P05 3 _ C04	MENT LEVEL	S W.R.T % OF	MOL SUS NC	SCORING TH	IUM) IGH) ON	SUBST MODE NO C	ORRELATION
2 3 0 3 2 4 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA	POS 3 CO4 ED ATTAINM N OR EQUAL 1	MENT LEVEL TO	S W.R.T % OF LEVEL 1 10-29 10-29	MOL SUS NC	SCORING TH	E TARGET MARKS	SUBST MODE NO C NO C	ORRELATION
2 3 0 3 2 4 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET	POS 3 CO4 ED ATTAINM N OR EQUAL 1 FOR THE AS	MENT LEVEL TO TO SSESSEMNT	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS	MOL SUS NC	SCORING TF LEVEL 3 60-89 60-89	E TARGET MARKS	SUBST MODE	IRATE ORRELATION TARGET MARKS 30 30 30
2 3 0 3 2 4 5 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET	POS 3 CO4 ED ATTAINN N OR EQUAL 1 N OR EQUAL 1 FOR THE AS CO1 60	IENT LEVEL TO TO SSESSEMNT CO2 55	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	MOE SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 CO4 65	SCORING TH LEVEL 3 60-89 60-89 0	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE TARGET % OF STUDENTS ACHIE TARGET WEIGHTA	SUBST MODE	IRATE ORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT
2 3 0 3 2 4 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET	PO5 3 CO4 ED ATTAINN N OR EQUAL 1 FOR THE AS CO1 60 40	IENT LEVEL TO TO SSESSEMNT CO2 55 45	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50 50	MOL SUS NC	DERATE (MEC BTANTIAL (H D CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 0 0	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE TARGET % OF STUDENTS ACHIE TARGET WEIGHTA	SUBST MODE	IRATE ORRELATION TARGET MARKS 30 30
2 3 0 3 2 4 5 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET	POS 3 CO4 ED ATTAINN N OR EQUAL 1 N OR EQUAL 1 FOR THE AS CO1 60	IENT LEVEL TO TO SSESSEMNT CO2 55	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50	MOE SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 CO4 65	SCORING TH LEVEL 3 60-89 60-89 0	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE TARGET % OF STUDENTS ACHIE TARGET WEIGHTA AL	SUBST MODE NO C NO C NO C  VE THE  GE CAN WAYS EN	IRATE ORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT
2 3 0 3 2 4 5 FO1 FO2 FO2 FO2 FO2 FO2 FO2 FO2 FO2	Po3 Po4 Co1 CO2 CO2 DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET OMES	Pos 3 Co4 N OR EQUAL 1 FOR THE AS CO1 60 40 100 0	AENT LEVEL           TO           SSESSEMNT           CO2           55           45           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50 50 100	MOE SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 CO4 65 35 100	DERATE (MEL BTANTIAL (H D CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 100	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE TARGET % OF STUDENTS ACHIE TARGET WEIGHTA AL	SUBST MODE NO C NO C NO C  VE THE  GE CAN WAYS EN	IRATE IORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %
2 3 0 3 2 4 5 1 5 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THA IF GREATER THA SENTAGE WEIGHTAGE SET	Pos 3 Co4 N OR EQUAL 1 FOR THE AS CO1 60 40 100 0	AENT LEVEL           TO           SSESSEMNT           CO2           55           45           100           0	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50 50 100	MOE SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 CO4 65 35 100	DERATE (MEL BTANTIAL (H D CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 100	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE TARGET % OF STUDENTS ACHIE TARGET WEIGHTA AL	SUBST MODE	IRATE ORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %
2 3 0 3 2 4 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	Po3 Po4 Po3 Po4 Co1 CO2 CO2 DEFIN IF GREATER THA IF GREATER THA IF GREATER THA IF GREATER THA COURSE OUTCOME A ASSESSMENT (INTERNAL) 2	Po5 3 CO4 ED ATTAINM N OR EQUAL 1 FOR THE AS CO1 60 40 100 0 XTAINMENT SEE 3	AENT LEVEL TO TO SSESSEMNT CO2 55 45 100 0 0 LEVELS CEFB -	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50 50 100 0 FINAL CO ATTAINME NT 2,4	MOL SUS NC NC NC NC NC NC NC NC NC NC NC NC NC	SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 700 100 0 100 0 74RGET ACHEVED ? Yes	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE % OF STUDENTS ACHIE TARGET WEIGHTA AL	SUBST MODE COMODE COMMODE COMMODE COMO	IRATE OORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 % SURE THE TOTAL IS 100 %
2 3 0 3 2 4 5 1 5 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PO3 PO4 PO3 PO4 CO1 CO2 CO2 COURSE OUTCOME A ASSESSMENT (INTERNAL)	POS 3 CO4 ED ATTAINM N OR EQUAL 1 N OR EQUAL 1 FOR THE AS CO1 60 40 100 0 XTTAINMENT SEE	AENT LEVEL TO TO SSESSEMINT CO2 55 45 45 100 0 0 1 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 50 50 100 0 FINAL CO ATTAINME NT	MOL SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 30-59 CO4 65 35 100 0 0 CO TARGET	SCORING TH LEVEL 3 60-89 60-89 60-89 60-89 7 7 7 8 7 8 7 8 8 9 8 9 8 9 9 9 9 9 9	IUM) IGH) ON E TARGET MARKS E TARGET MARKS % OF STUDENTS ACHIE % OF STUDENTS ACHIE TARGET WEIGHTA AL	SUBST MODE	IRATE ORRELATION TARGET MARKS 30 30 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 % SURE THE TOTAL IS 100 %



	COURSE OUTCOME	ATTAINMENT	LEVELS					
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	
			со	ATTAINTMENT				
FINAL CO ATTAINMENT								
					1			
CEFB					1			
					1			
SEE								
SESSMENT (INTERNAL)								
		1.5			ļ		2.5 3	
1		1.0			2		2.0 3	
			📕 CO1 📕	CO2 🔳 CO3	CO4			



PROGRAM	THIRD YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 6							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theo	ry (Exam)					
COURSE NAME (AS PER MU)	Theory & Des	ign of Structur	es 6					
COURSE CODE (AS PER MU)	BARC604							
			СОРО	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 Atta	ainments	1			
CO. No	CO STATEMEN	ITS		FINAL CO	со	CORRECTIV	E MEASURE	S
C01	Introduction to material, its in advantages, s relevance to a	herent propert hortcomings a	ies,	2.55				
CO2	Develop an in floor and floor the system			2.40	Medium of te and practical application			
CO3	Understand th members in a with emphasis drawings and	n RCC structur	ral elements ructural	2.30	More case e better unders structural sys	standing of t		
CO4		vledge and its	e importance of application with hitect as a					
			Course-level	PO Attainmen				
PO1 Attainment			2.49		PO5 Attainn			2.53
PO2 Attainment			2.45		PO6 Attainn			2.70
PO3 Attainment			2.48		PO7 Attainn			2.50
PO4 Attainment	t		2.49		PO8 Attainn	nent		2.56

BARC 604



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

	USM'S KAML	A RAHEJA V		CHELORS OF			NVIRONMEN	TAL STUDIES		
		COUR	SE OUTCOM	IE AND PROC		OME ASSESS	SMENT			
PROGRAM				COURSE	DETAILS	RD YEAR B-A	RCH			
ACADEMIC YEAR						2019-2020				
SEMESTER EXAMINATION SCHEME	SEM 6 Sessionals (Internal) + Theory (Exam)									
COURSE NAME (AS PER MU)										
COURSE CODE (AS PER MU)						BARC604				
FACULTY FACULTY INCHARGE					В	harghav, Nee Bharghav	raj			
TOTAL MARKS						100				
<b>AA</b> 11										
CO. No.		000	RSE OUTO	OME				RBI (REVISE	D BLOOMS TAXONOMY)	
CO1	Introduction to concre sh			its inherent pro		intages,		L2 - Understand	(Explain ideas or concepts)	
CO2	Develop an intuitive une	derstanding of	grid floor and system	d floor slabs ar	nd transfer of	oad in the		L2 - Understand	(Explain ideas or concepts)	
CO3	Understand the behavior o	of typical mem structural drav	bers in an Ro wings and go	CC structural e od structural p	lements with lanning.	emphasis on		L4 - Analyse (Dra	w connections among ideas)	
CO4								13 - Annly (Use i	formation in new situations)	
004	Develop a perspective resp			ical knowledge ct as a professi		ation with		Lo - Apply (ost in		
		ΜΔΡΡΙ	NG OF COU	RSE OUTCON		OGRAM OUT	COMES			
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	CO AVERAGE	
CO1 CO2	2 2	1 3	1 2	3	2	0	0	1	1.67 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 intuit	ive understar	nding of RCC	C structural sy	stems and t	he required to	echnical know	vledge for its appli	cation in architectural design	
			CO	RRELATION L	EVELS FOR	POS				
1						SLIGHT (LOW	/)			
2						DERATE (MED	DIUM)			
2 3					MOE					
	CO PO MAPPIN	G			MOL	DERATE (MED BBTANTIAL (H D CORRELAT	lIGH)			
3		POS	P1	06	MOL	BTANTIAL (H	IIGH) ION	row	TANTIAL ERATE CORRELATION	
3 0	P03 P04	P05 3 0 004			MOL SUS NC	BTANTIAL (H	IIGH) ION	Mod	ERATE	
3 0	P03 P04	P05 3 0 004			MOL SUS NC	BETANTIAL (H	IIGH) ION	Mod	ERATE	
3 0	P03 P04	Po5 3 0 CO4	IENT LEVEL	S W.R.T % OF	MOD SUS NO	BTANTIAL (H	IIGH) ION	Mod	CORRELATION	
3 0	P03 P04 0 C01 0 C02 0 C0 DEFIN	POS 3 CO4	IENT LEVEL:	S W.R.T % OF	MOD SUS NO	SETANTIAL (H	IIGH) ION IE TARGET M % OF STUDE T	MOD LOW	CORRELATION	
3 0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/ ENTAGE WEIGHTAGE SET	POS BOS CO4 ED ATTAINM IN OR EQUAL T FOR THE AS	TO TO SESSEMNT	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS	MOD SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59	SCORING TH LEVEL 3 60-89 60-89	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW NO ARKS INTS ACHIEVE THE ARGET INTS ACHIEVE THE ARGET	CORRELATION TARGET MARKS 32 35	
3 0	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/ ENTAGE WEIGHTAGE SET	POS B B CO4 IED ATTAINM IN OR EQUAL T FOR THE AS CO1	TO TO SESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	MOD SUS NC PO7 STUDENTS LEVEL 2 30-59 30-59 CO4	SCORING TH	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW NO ARKS INTS ACHIEVE THE ARGET WEIGHTAGE CAN	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT	
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/ ENTAGE WEIGHTAGE SET	POS POS CO4 IED ATTAINM IED ATTAINM IED ATTAINM IED ATTAINM FOR THE AS CO1 S5 45	TO TO SESSEMNT CO2 40 60	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70	MOD SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59	SCORING TH LEVEL 3 60-89 CO5	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW NO ARKS INTS ACHIEVE THE ARGET WEIGHTAGE CAN	CORRELATION TARGET MARKS 32 35	
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH/ IF GREATER TH/ ENTAGE WEIGHTAGE SET	POS POS CO4 IED ATTAINM IN OR EQUAL T FOR THE AS CO1 55	IENT LEVEL: TO TO SESSEMNT CO2 40	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30	MOD SUS NC SUS NC SUDENTS LEVEL 2 30-59 30-59 30-59	SCORING TH LEVEL 3 60-89 60-89	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW LOW NO ARKS NTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT	
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/	PO5 PO5 3 CO4 IED ATTAINM IN OR EQUAL T FOR THE AS CO1 55 45 100 0	IENT LEVEL TO TO TO TO TO TO TO TO TO TO	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100	MOD SUS NC PO7 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	BTANTIAL (H CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 100	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW LOW NO ARKS NTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 PO3 PO4 CO1 CO2 CO2 CC DEFIN IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ COURSE OUTCOME / ASSESSMENT	PO5 PO5 3 CO4 IED ATTAINM IN OR EQUAL T FOR THE AS CO1 55 45 100 0	IENT LEVEL: 70 70 70 70 70 70 70 70 70 70 70 70 70	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME	MOD SUS NC PO7 STUDENTS LEVEL 2 30-59 30-59 CO4 70 30 100	SCORING TH LEVEL 3 60-89 60-89 60-89 CO5 100 0	IIGH) ION IE TARGET M. % OF STUDE T. % OF STUDE	MOD LOW NO ARKS NTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ COURSE OUTCOME / ASSESSMENT (INTERNAL)	POS POS POS POS POS POS POS POS	IENT LEVEL: 0 30 30 30 30 30 40 40 60 100 0 0 1 LEVELS	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME NT	MOD SUS NC NC SUS NC SUDENTS LEVEL 2 30-59 30-59 30-59 30-59 30-59 30-59 CO4 70 30 100 0 0 CO TARGET	SCORING TH LEVEL 3 60-89 60-89 CO5 100 0 TARGET ACHIEVED ?	IIGH) ION IE TARGET M. % OF STUDE 7. % OF STUDE T.	MOD LOW NO ARKS NTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
3 0 0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO2 PO3 DEFIN IF GREATER TH/ IF GREATER TH	POS POS POS TOJ POS POS POS POS POS POS POS POS	IENT LEVEL TO SESSEMINT CO2 40 60 100 100 100 100 100 100 100	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME NT 2.55	MOD SUS NC NC PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7	SCORING TH LEVEL 3 60-89 60-89 60-89 7 205 7 205 7 205 7 205 7 205 7 205 7 205 7 205	IIGH) ION IE TARGET M % OF STUDE % OF STUDE T. % OF STUDE	MOD LOW LOW NO ARKS NTS ACHIEVE THE ARGET INTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN ALWAYS EN ALWAYS EN EN EN E	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 % SURE THE TOTAL IS 100 %	
3 0 0 3 2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO2 DEFIN IF GREATER TH/ IF	PO5 PO5 CO1 FOR THE AS CO1 S5 45 100 0 XTTAINMENT SEE 2 2 2	IENT LEVEL O SESSEMINT CO2 40 60 100 0 LEVELS CEFB - - -	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 0 FINAL CO ATTAINME NT 2.55 2.40	MOD SUS NC NC SUS NC SUDENTS LEVEL 2 30-59 30-59 30-59 30-59 30-59 30-59 CO4 70 30 100 0 0 CO TARGET	BTANTIAL (H CORRELAT CORRELAT SCORING TH LEVEL 3 60-89 60-89 60-89 CO5 CO5 100 0 TARGET ACHIEVED ? Yes No	IIGH) ION IE TARGET M % OF STUDE T % OF STUDE T CO Correctiv Medium o	MOD LOW LOW NO ARKS NTS ACHIEVE THE ARGET INTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN ALWAYS EN Charley Should Clarity of	CORRELATION  TARGET MARKS  32  35  BE DECIDED AS PER SUBJECT  SURE THE TOTAL IS 100 %  SURE THE TOTAL IS 100 %  Dee more interactive and practical for better the course application	
3 0 0 3 2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO2 PO3 DEFIN IF GREATER TH/ IF GREATER TH	POS POS POS TOJ POS POS POS POS POS POS POS POS	IENT LEVEL TO SESSEMINT CO2 40 60 100 100 100 100 100 100 100	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3 30 70 100 0 FINAL CO ATTAINME NT 2.55	MOD SUS NC NC PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7 PO7	SCORING TH LEVEL 3 60-89 60-89 60-89 7 205 7 205 7 205 7 205 7 205 7 205 7 205 7 205	IIGH) ION IE TARGET M % OF STUDE T % OF STUDE T CO Correctiv Medium o	MOD LOW NO ARKS NTS ACHIEVE THE ARGET INTS ACHIEVE THE ARGET WEIGHTAGE CAN ALWAYS EN ALWAYS EN ALWAYS EN Clarity of clarity of	CORRELATION TARGET MARKS 32 35 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 % SURE THE TOTAL IS 100 %	



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	
			CO A	TTAINTMENT	1		
FINAL CO ATTAINMENT							
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
1	1.	5			2		2.5 3
			📕 CO1 📕 C	:02 🔳 CO3 📕	CO4		



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 Atta	ainments		
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	е
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	-	
	Onumer laught	<b>DO 1</b> 44-1		
	Course-level	PO Attainment		
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



	USM'S KAM	ILA RAHEJA \	VIDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES	
					FARCHITECT				
		COU			GRAM OUTCO		MENT		
				COURSE	EDETAILS				
PROGRAM ACADEMIC YEAR					THI	RD YEAR B-A 2019-2020	ARCH		
SEMESTER						SEM 6			
EXAMINATION SCHEME					Sessionals	(Internal) + TI	neory (Exam)		
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)						Humanities 6 BARC605	3		
FACULTY					Hussain I	dorewala, Sh	weta Wagh		
FACULTY INCHARGE					H	issain Indorev	vala		
TOTAL MARKS						100			
CO. No.		COU	IRSE OUTC	OME				RBT (REVISE	D BLOOMS TAXONOMY)
C01	Students will be introduced to	Mumbai's grow	vth and transfor	mation through	a social-history	perspective.		L2 - Understan	d (Explain ideas or concepts)
CO2	Students will be provided a cr	itical overview	of the processes	of urbanizatio	n. migration. ind	ustrialization		L4 - Analyse (Dr	aw connections among ideas)
CO3	Students will be introduced to						n	L1 - Remember (F	Recall facts and basic concepts)
<b>A2</b>					MES AND PRO				
CO. No CO1	P01	PO2	PO3	PO4 2	PO5	PO6 3	P07	PO8 2	CO AVERAGE 2.25
CO2	3	1	0	3	2	3	-	2 2	2.25
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					LEVELS FOR	Trial text			
1				RRELATION		SLIGHT (LOV	V)		
2						DERATE (MEI			
3									
					SU	BTANTIAL (F	HCH)		
0						BTANTIAL (H			
	CO PO MAPPIN			5				MOD	TANTIAL ERATE
0 3 2 1	P03 P04	P05			ро7	CORRELAT		MOD LOW	ERATE
	P03 P04	P05			ро7	CORRELAT		MOD LOW	ERATE
0 3 2 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	P03 P04	P05	MENT LEVEL	S W.R.T % OI	P07		E TARGET MA	MOD LOW	ERATE
0	P03 P04	Pos cos	MENT LEVEL:	S W.R.T % OI	P07	CORRELAT	E TARGET MA	MOD LOW	ERATE CORRELATION
0	PO3 PO4 CO1 CO2 FO3 DEFI	PO5 CO3	MENT LEVELS	S W.R.T % OI LEVEL 1 10-29 10-29	P07	CORRELAT	E TARGET MA	MOD LOW NO ( RKS ARGET NTS ACHIEVE THE ARGET	ERATE CORRELATION TARGET MARKS 31
0	P03 P04 P03 P04 C01 C02 DEF IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ SENTAGE WEIGHTAGE SET	PO5 CO3	MENT LEVELS	S W.R.T % OI LEVEL 1 10-29 10-29	P07	CORRELAT	E TARGET MA	MOD LOW NO I RKS INTS ACHIEVE THE ARGET NTS ACHIEVE THE ARGET	ERATE CORRELATION TARGET MARKS 31
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 P03 P04 C01 C02 DEF IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ SENTAGE WEIGHTAGE SET	PO5 CO3 INED ATTAINI AN OR EQUAL T AN OR EQUAL T FOR THE AS CO1 55	MENT LEVELS	S W.R.T % OI LEVEL 1 10-29 10-29 TOOLS CO3 30	P07	CORRELAT	E TARGET MA	MOD LOW NO I RKS NTS ACHIEVE THE ARGET NTS ACHIEVE THE ARGET WEIGHTAGE CAN	ERATE CORRELATION TARGET MARKS 31 36 BE DECIDED AS PER SUBJECT
0	P03 P04 P03 P04 C01 C02 DEF IF GREATER TH/ IF GREATER TH/ IF GREATER TH/ SENTAGE WEIGHTAGE SET	PO5 CO3 INED ATTAINI AN OR EQUAL T AN OR EQUAL T FOR THE AS CO1	MENT LEVELS	S W.R.T % OI LEVEL 1 10-29 10-29 TOOLS CO3	P07	CORRELAT	E TARGET MA	MOD LOW NO I RKS NTS ACHIEVE THE ARGET NTS ACHIEVE THE ARGET WEIGHTAGE CAN	ERATE CORRELATION TARGET MARKS 31 36

COURSE OUTCOME ATTAINMENT LEVELS



CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	-
FINAL CO ATTAINMENT			co.	ATTAINTMENT			
SEE							
SSESSMENT (INTERNAL)		1.5			2		2.5 3
			CO1	📕 CO2 🔳 CO	33		



PROGRAM	THIRD YEAR	B-ARCH								
ACADEMIC YEAR	2019-2020									
SEMESTER	SEM 6									
EXAMINATION SCHEME	Sessionals (In									
COURSE NAME (AS PER MU)	Architectural E	Building Service	s 4							
COURSE CODE (AS PER MU)	BARC608									
			СОРО	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 Atta	ainments						
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURE	S		
CO1	components a	lents to unders nd workability of fire systems wit	of passive as	2.45	To introduce more case studies for better explanation.					
CO2	systems integr further realize	rated in vertical the relevance of esign, using a context of the second se		2.60	To show stude mechanics ar			ples with		
202	technical as w		ole know-how of		Tanataki					
CO3	water supply s	systems in high	-nses.	2.70	Target achiev	eu as planno	eu.			
			Course-level	PO Attainment	ts					
PO1 Attainment			2.60		PO5 Attainm	ent		2.58		
PO2 Attainment			2.53		PO6 Attainm	ent		2.58		
PO3 Attainment			2.58		PO7 Attainm	ent		2.58		
PO4 Attainment			2.62		PO8 Attainm	ent		2.58		



	USM'S KAN	ILA RAHEJA	VIDYANIDHI II	NSTITUTE FO	OR ARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES			
			BA	CHELORS OF	FARCHITECT	URE					
		cou	RSE OUTCOM	ME AND PRO	GRAM OUTCO	ME ASSESS	MENT				
				COURSE	E DETAILS						
PROGRAM ACADEMIC YEAR					THI	RD YEAR B-A					
SEMESTER		2019-2020 SEM 6 Sessionals (Internal) + Theory (Exam)									
EXAMINATION SCHEME		Sessionals (Internal) + Theory (Exam)									
OURSE NAME (AS PER MU)		Architectural Building Services 4									
FACULTY		BARC608 Minal Y, Kimaya K, Sonali, Jimmy, Durvesh									
FACULTY INCHARGE						Minal Y					
TOTAL MARKS						100					
CO. No.		COU	JRSE OUTC	OME				RBT (REVISE	D BLOOMS TAXONOMY)		
CO1	To enable students to uno		omponents and tems within a		f passive as w	ell as active		L2 - Understan	d (Explain ideas or concepts)		
CO2	To make students explore to realize the relevance of	the infrastructu mobility in arch	ıral systems in hitectural desig	itegrated in vei gn, using a cas	rtical movements a study based	nt and further approach.		L5 - Evaluate	(Justify a stand or decision)		
CO3	To understand the advance		nd technical a systems in hig		ainable know-h	ow of water		L2 - Understan	d (Explain ideas or concepts)		
00 No	<b>DO1</b>			1	MES AND PRO			<b>D</b> 09			
CO. No CO1	P01	PO2 0 2	PO3	PO4	PO5	PO6	P07	PO8 3	CO AVERAGE 1.86		
CO2	3	3 2	. 0	0 0	2	1	2	3	2.17		
		0					-		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 ali	gn moderate	ly with prograi	m outcomes.			
			со	RRELATION I	LEVELS FOR	POS					
1							10				
	SLIGHT (LOW) MODERATE (MEDIUM)										
2											
					MOI	DERATE (MEI	DIUM)				
2 3 0					MOI		DIUM) HIGH)				
3					MOI	DERATE (MEI SBTANTIAL (H	DIUM) HIGH)				
3	CO PO MAPPI				MOI SU: NO	DERATE (MEI SBTANTIAL (H	HIGH) HION				
3	CO PO MAPPI				MOI	DERATE (MEI SBTANTIAL (H	DIUM) HIGH)		TANTIAL		
3	CO PO MAPPI					DERATE (MEI SBTANTIAL (H	HIGH) HION	SUBS'	ERATE		
3	P03 P04					DERATE (MEI SBTANTIAL (H	HIGH) HION	SUBS: MODI	ERATE		
3						DERATE (MEI SBTANTIAL (H	HIGH) HION	SUBS: MODI	ERATE		
3 0	P03 P04	P05	Pe	D6 S W.R.T % OF	MOI SUS NO	DERATE (MEI SBTANTIAL (H CORRELAT	HIGH) HION	SUBS MOD LOW	CORRELATION		
3 0 P01 P02	P03 P04 C01 C02 DEF	P05	PC	06 S W.R.T % OF LEVEL 1	MOI SU: NO P07	CORRELAT	DIUM) HIGH) ION	SUBS MOD LOW	ERATE		
3 0	P03 P04	P05	PC	D6 S W.R.T % OF	MOI SUS NO	DERATE (MEI SBTANTIAL (H CORRELAT	E TARGET MA	SUBS MOD LOW	CORRELATION		
3 0 P01 P02	P03 P04 C01 C02 DEF	Po5 CO3	PC MENT LEVEL: TO	06 S W.R.T % OF LEVEL 1	MOI SU: NO P07	CORRELAT	E TARGET MA % OF STUDE	SUBS MOD LOW	CORRELATION		
3 0 9 901 902 902 902	PO3 PO4 CO1 CO2 DEF	PO5 CO3	MENT LEVEL:	S W.R.T % OF LEVEL 1 10-29 10-29	MOI SU: NO P07	CORRELAT	E TARGET MA % OF STUDE	SUBS MODI LOW 	ERATE CORRELATION TARGET MARKS 30		
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 CO1 CO2 FO3 CO1 CO2 FGREATER TH FGREATER TH FGREATER TH FGREATER TH	PO5 CO3 INED ATTAINM AN OR EQUAL T AN OR EQUAL T F FOR THE AS CO1	MENT LEVEL: TO TO SESSEMNT T CO2	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS CO3	MOI SU: NO P07	CORRELAT	E TARGET MA % OF STUDE	SUBS MOD	ERATE CORRELATION TARGET MARKS 30		
3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PO3 PO4 CO1 CO2 FO3 CO1 CO2 FGREATER TH FGREATER TH FGREATER TH FGREATER TH	PO5 CO3	Po MENT LEVEL: TO TO SSESSEMNT T	S W.R.T % OF LEVEL 1 10-29 10-29 TOOLS	MOI SUS NO PO7	CORRELAT	E TARGET MA % OF STUDE	SUBS MOD	ERATE CORRELATION TARGET MARKS 30 30 30		



	COURSE OUTCOME A	TTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures
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.
			co /	TTAINTMENT			
FINAL CO ATTAINMENT							
					_		
CEFB							
_							
SEE							
_							
ASSESSMENT (INTERNAL)							
					1		
	1.:	-					
1	1.	5	<b>C</b> 01	📕 CO2 🔳 CO	2		2.5 3



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

**BARC 607** 

	Affiliated to University of Mumbai
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							
C01	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 Attainmen	ts							
PO1 Attainment	2.35		PO5 Attainment 2.3							
PO2 Attainment	2.35		PO6 Attainment 2.3							
PO3 Attainment			PO7 Attainment 2.3							
PO4 Attainment	2.35		PO8 Attainment 2.3							



	USM'S KAM	I A RAHF.IA V		NSTITUTE FO	RARCHITEC	TURE AND EN	VIRONMENT				
				CHELORS OF							
		COUR	ISE OUTCO			JME ASSESSI	MENI				
PROGRAM	THIRD YEAR B-ARCH										
ACADEMIC YEAR SEMESTER		2019-2020 SEM 6									
EXAMINATION SCHEME						(Internal) + Ex					
COURSE NAME (AS PER MU) COURSE CODE (AS PER MU)	Architectural Representation & Detailing 6 BARC607										
FACULTY	Jimmy, Ainsley, Durvesh, Avneesh, Mihir, Dnyanesh, Nemish, Sandhya										
FACULTY INCHARGE TOTAL MARKS						Jimmy 200					
						200					
CO. No.			RSE OUTO					RBT (REVIS	ED BLOOMS TAXONOMY)		
C01		the program re	quirements a	ind operations.				L2 - Understar	d (Explain ideas or concepts)		
CO2	Students are enabled infrastructural, envelope sy	stems along w		priate construct				L2 - Understar	d (Explain ideas or concepts)		
CO3	To be able to understand dec			ies and be able I knowledge lea		ned design		L4 - Analyse (D	raw connections among ideas)		
CO4	To be able to create a d		o showcasing ecution purpo		ibutes and de	tailing for		L6 - Create (P	roduce new or original work)		
				RSE OUTCOM							
CO. No CO1	P01 2	PO2	<b>PO3</b>	<b>PO4</b>	PO5	PO6	<b>PO7</b>	P08	CO AVERAGE 1.88		
CO2	2	2	2	0	0	1	3	2	2.00		
CO3 CO4	0	2	0	2	2	2	3	2	2.00 2.00		
PO AVERAGE	1.67	1.67	2.00	2.00	2.00	1.50	2.75	2.00	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				IRRELATION L		SLIGHT (LOW	0				
2											
3	MODERATE (MEDIUM) SUSBTANTIAL (HIGH)										
0											
						JUCKRELAN					
3	CO PO MAPPIN										
3								SUBS	TANTIAL		
2											
								MOD	PERATE		
1				<mark>.</mark>	•••••	•••••••••••••••••••••••••••••••••••••••	•••••	row	I		
0 PO1 PO2	PO3 PO4	PO5	P	O6 I	P07			NO	CORRELATION		
	📕 CO1 📕 CO2 🔳 CC	03 <mark>–</mark> CO4									
	DEFI			.S W.R.T % OF	STUDENTS	SCORING THE	E TARGET M	ARKS			
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3			TARGET MARKS		
SEE	IF GREATER THA	N OR EQUAL TO	D	10-29	30-59	60-89	% OF STUDE	ENTS ACHIEVE THE	60		
INTERNAL MARKS	IF GREATER THA	N OR EQUAL TO	þ	10-29	30-59	60-89	% OF STUDE	ENTS ACHIEVE THE	60		
								TARGET	50		
PERC COURSE OUTCO	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT CO2	TOOLS CO3	CO4	CO5			I BE DECIDED AS PER SUBJECT		
INTERNAL MARKS		65	65	65	65	003			I BE DECIDED AS PER SUBJECT		
SEE DIRECT METHOD		35	35	35	35	100		ALWATS EI			
COURSE EXIT FEEDBACK SURVEY		100 0	100 0	100 0	100 0	100 0		ALWAYS ER	ISURE THE TOTAL IS 100 %		
					·						







PROGRAM	THIRD YEAR	B-ARCH							
ACADEMIC YEAR	2019-2020			_					
SEMESTER	SEM 6								
EXAMINATION SCHEME	Only Sessiona	lls (Internal)							
COURSE NAME (AS PER MU)	College Project	ets 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 Atta	ainments					
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES				
CO1		the relationshi ral and intellect ral form		3.00					
CO2	Understanding twentieth cent	readings and ury thought.	ideas from	3.00	The course can be made much more challenging. A written assignnment will help.				
CO3		al thinking skills works to read ural artefacts		3.00					
			O a uma a la contra		4-				
DO1 Attainment			Course-level	PO Attainmen				2.00	
PO1 Attainment PO2 Attainment			3.00 3.00		PO5 Attainn PO6 Attainn			3.00	
PO2 Attainment PO3 Attainment			3.00		PO6 Attainn PO7 Attainn			3.00	
PO3 Attainment PO4 Attainment			3.00		PO7 Attainn PO8 Attainn			3.00	
			5.00		i oo Attainii			5.00	



	USM'S KAM	LA RAHEJA V	idyanidhi ii	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENTAL	STUDIES				
			BA	CHELORS OF	ARCHITECT	URE						
		COUR	SE OUTCOM	ME AND PRO	GRAM OUTCO	OME ASSESS	MENT					
				COURSE	DETAILS							
PROGRAM					THI	RD YEAR B-A						
ACADEMIC YEAR						2019-2020						
SEMESTER						SEM 6						
EXAMINATION SCHEME						Sessionals (In						
COURSE NAME (AS PER MU)		College Projects 6										
COURSE CODE (AS PER MU) FACULTY					Deban	BARP620	iriah laabi					
FACULTY INCHARGE						ohan Shivkun						
TOTAL MARKS	100											
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)										
CO1												
	derstanding the relationship	between spatia	al, temporal a	ind intellectual	contexts and	architectural fo	0	L2 - Understar	nd (Explain ideas or concepts)			
CO2	Understand	ing readings ar	nd ideas from	twentieth cen	tury thought.			L2 - Understar	nd (Explain ideas or concepts)			
CO3	Applying critical thinking	skills to evolve		meworks to re		e and other		L4 - Analyse (D	raw connections among ideas)			
					MES AND PRO							
CO. No	P01	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE			
CO1 CO2	3		0					0				
CO3	2		2					0				
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					N	O CORRELAT	ION					
	CO PO MAPPIN											
2								SUB	STANTIAL			
1								MOI	V			
0 P01 P02	P03 P04	P05	P(	26	P07			NO	CORRELATION			
	CO1 CO2											
	DEFI	NED ATTAINM	ENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MAR	KS				
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3			TARGET MARKS			
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL TO	)	10-29	30-59	60-89	% OF STUDENT	S ACHIEVE THE	65			
PERCE	ENTAGE WEIGHTAGE SET	FOR THE ASS	SESSEMNT	TOOLS								
COURSE OUTCOM		CO1	CO2	C03	CO4	CO5	N N	VEIGHTAGE CAN	N BE DECIDED AS PER SUBJECT			
INTERNAL MARKS		100	100	100	100	100			NSURE THE TOTAL IS 100 %			
		100	100	100	100	100		ALWAYS EI	NSURE THE TOTAL IS 100 %			
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0						



		COURSE OUTCOME							
CO NO		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures	
CO1		3			3.00	2.5	Yes		
CO2		3			3.00	2.5	Yes	The course can be made much more challenging. A written assignnment will help.	
CO3		3			3.00	2.5	Yes		
FINAL CO ATTAINMENT				co /	ATTAINTMENT				
CEFB									
SEE									
ASSESSMENT (INTERNAL)									
AGGEGGINENT (INTERNAE)									
			-						
	1 1.5 2 2.5 3								

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# 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.
РОЗ	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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PROGRAM	FOURTH YEA	R B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (In	ternal) + Exter	nal (Jury)					
COURSE NAME (AS PER MU)	Architectural D	esign Studio 7	,					
COURSE CODE (AS PER MU)	BARC701							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	-		-			-	
CO1 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 Att	ainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	сс		E MEASURE	S
CO1	To expose stud	dents to compl		3.00				-
CO2	To train stude and factoring-i	of the city, whic		3.00				
CO3	design propos	use project, wit		3.00				
CO4	To train studer developed des drawings, mod position.	3.00						
			Course-level	PO Attainmer	nts			
PO1 Attainment			3.00		PO5 Attainm	nent		3.00
PO2 Attainment			3.00		PO6 Attainn			3.00
PO3 Attainment			3.00		PO7 Attainm	nent		3.00
PO4 Attainment			3.00		PO8 Attainm			3.00



							VIRONMENTAL STUDIES				
	USWI S KAW			CHELORS OF			WIRONMENTAL STUDIES				
		cou		ME AND PROG			MENT				
					DETAILS						
PROGRAM ACADEMIC YEAR	FOURTH YEAR B-ARCH 2019-2020										
SEMESTER						SEM 7					
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Ex					
COURSE CODE (AS PER MU)						BARC701					
FACULTY FACULTY INCHARGE					Shirish,	Sonal, Samarti George	h, George				
TOTAL MARKS						200					
CO. No.		COL	JRSE OUTO	OME			RBT (REVIS	SED BLOOMS TAXONOMY)			
	To expos			an conditions w	hich act						
C01		as determinar	nts to their des	sign proposition	l.		L2 - Understa	and (Explain ideas or concepts)			
CO2	To train s	tudents in stu	udving, analyz	ing, and factori	ng-in the						
C02	complex	ities of the cit	y, which inforr	ns design deve	lopment.		L3 - Apply (Us	e information in new situations)			
	To train	students in b	uilding a nuan	ced design pro	position						
CO3				ong housing cor			L4 - Analyse (	Draw connections among ideas)			
	To train students in execution			proposition u	with drowings	modele and					
CO4	To train students in execution	an	informed posi	ition.	vitir urawings,	models, and	L6 - Create (	Produce new or original work)			
		MAPP	ING OF COU	RSE OUTCON	IES AND PRO	OGRAM OUTC	OMES				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7 PO8	CO AVERAGE			
CO1 CO2	3 3	3	3	2	3	3	2 2 2 2	2.63			
CO3	3	3	3	2	2	2	3 1	2.38			
CO4 PO AVERAGE	3.00	3.00	3.00	2	1 2.25	2 2.50	3 1 2.50 1.50	2.25			
Conclusion and Resolution	Wi	th higher em	phasis on th	e propositiona	al (create con	ponent), the	studio will aim to close the gar	s between Cos and POs.			
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											
	CO PO MAPPIN	G									
3							su	BSTANTIAL			
2					<u>.</u>						
							M	DDERATE			
1		<mark></mark>		· · · <mark>· · · · · · · · ·</mark>	•••••	• • • • • • • • • • • • •	ro	w			
0 PO1 PO2	PO3 PO4	PO5	P	06	P07		N	O CORRELATION			
	📕 CO1 📕 CO2 🔳 CO	3 <mark>–</mark> CO4									
	DEFI		MENT LEVEL	SW.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS				
TOOLS				LEVEL 1	LEVEL 2			TARGET MARKS			
SEE	IF GREATER THA	N OR EQUAL 1	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE	66			
			-				TARGET				
INTERNAL MARKS IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE 65											
IN I EKNAL MARKS			SESSEMNT	TOOLS							
	NTAGE WEIGHTAGE SET	FOR THE AS		WEIGHTAGE CA	N BE DECIDED AS PER SUBJECT						
PERCE COURSE OUTCO		CO1	CO2	CO3	CO4	CO5	ALWAYS ENSURE THE TOTAL IS 100 %				
PERCE COURSE OUTCO FERNAL MARKS				50 50	50 50	0	ALWAYS	ENSURE THE TOTAL IS 100 %			
PERCE COURSE OUTCOM TERNAL MARKS E E ECT METHOD		CO1 60 40 100	CO2 60 40 100	50 50 100	50 50 100	0 0 100		ENSURE THE TOTAL IS 100 %			
PERCE COURSE OUTCOM TERNAL MARKS IE RECT METHOD	/ES	CO1 60 40 100 0	CO2 60 40 100 0	50 50	50 50	0					
PERCE COURSE OUTCOM TERNAL MARKS EE RECT METHOD	IES COURSE OUTCOME A	CO1 60 40 100 0	CO2 60 40 100 0	50 50 100 0	50 50 100 0	0 0 100 0	ALWAYS				
PERCE COURSE OUTCOM TERNAL MARKS IE RECT METHOD	IES COURSE OUTCOME A ASSESSMENT	CO1 60 40 100 0	CO2 60 40 100 0	50 50 100 0 FINAL CO ATTAINME	50 50 100 0 CO	0 0 100 0 TARGET ACHIEVED					
PERCE COURSE OUTCON TERNAL MARKS ERCT METHOD DURSE EXIT FEEDBACK SURVEY	IES COURSE OUTCOME A	CO1 60 40 100 0 TTAINMENT	CO2 60 40 100 0 LEVELS	50 50 100 0 FINAL CO	50 50 100 0	0 0 100 0 TARGET	ALWAYS				
PERCE COURSE OUTCON TERNAL MARKS EE RECT METHOD DURSE EXIT FEEDBACK SURVEY CO N0	IES COURSE OUTCOME A ASSESSMENT (INTERNAL)	CO1 60 40 100 0 	CO2 60 40 100 0 LEVELS CEFB	50 50 100 0 FINAL CO ATTAINME NT	50 50 100 0 CO TARGET	0 100 0 TARGET ACHIEVED ?	ALWAYS				



		COURSE OUTCOME A								
CO NO		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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			
				со	ATTAINTMENT					
FINAL CO ATTAINMENT										
CEFB										
CEFB										
SEE										
ASSESSMENT (INTERNAL)										
1		1.	5			2		2.5 3		
	1 1.5 2 <sup>-</sup> 2.5 3									

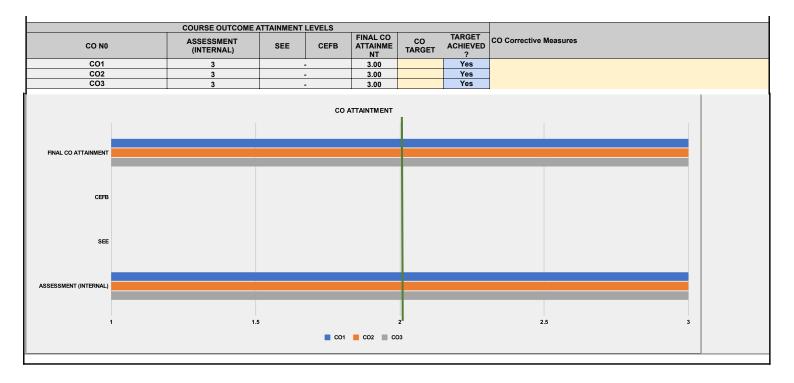


PROGRAM	FOURTH YEA	R B-ARCH			]							
ACADEMIC YEAR	2019-2020											
SEMESTER	SEM 7											
EXAMINATION SCHEME	Only Sessiona	Only Sessionals (Internal)										
COURSE NAME (AS PER MU)	Allied Design 7	Allied Design 7										
COURSE CODE (AS PER MU)	BARC702											
	COPO Mapping											
							-	-				
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 Att	ainments	1							
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES							
C01	Conceptual an tools towards u systems.	d analytical ap understanding u		3.00								
CO2	Representation tool.	n as a critical a	nd analytical	3.00								
CO3	Introduction to tools, and met	and remember hods.	r urban design	3.00								
			Course-level	PO Attainmen	its							
PO1 Attainment			3.00		PO5 Attainm	ent		3.00				
PO2 Attainment			3.00		PO6 Attainm	ent		3.00				
PO3 Attainment			3.00		PO7 Attainm			3.00				
PO4 Attainment			3.00		PO8 Attainm	ent		3.00				



	USM'S KAM	LA RAHEJA	VIDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENT	TAL STUDIES				
			ВА	CHELORS OF	ARCHITECT	URE						
		cou	RSE OUTCO	ME AND PROG	RAM OUTCO	OME ASSESS	MENT					
				COURSE	DETAILS							
PROGRAM					FOU	RTH YEAR B-	ARCH					
ACADEMIC YEAR						2019-2020						
SEMESTER EXAMINATION SCHEME					Only	SEM 7 Sessionals (Ir	ternal)					
COURSE NAME (AS PER MU)					Only	Allied Design						
COURSE CODE (AS PER MU)						BARC702	-					
FACULTY				George, Sor	al, Shantanu,	, Manisha, Shi	rish, Rohit, Ka	alpit, Sandeep				
FACULTY INCHARGE TOTAL MARKS						Shirish						
TOTAL MARKS												
CO. No.		COU	IRSE OUTO	OME				RBT (REVIS	ED BLOOMS TAXONOMY)			
C01								L2 - Understar	d (Explain ideas or concepts)			
	Conceptual and analyti	onceptual and analytical approaches and tools towards understanding urban systems.										
CO2		L4 - Analyse (Draw connections among ideas)										
662		Representation as a critical and analytical tool.										
	Re	Representation as a critical and analytical tool.										
CO3		L1 - Remember (Recall facts and basic concepts)										
	Introduction	to and reme	mber urban d	esign tools, and	I methods.							
		MADD		IRSE OUTCON			OMES					
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	CO AVERAGE			
C01	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						
			cc	RRELATION L	EVELS FOR	POS						
1						SLIGHT (LOV	()					
2					MO	DERATE (MED	DIUM)					
3					SU	SBTANTIAL (H	lIGH)					
0					N	O CORRELAT	ION					
						_						
	CO PO MAPPIN	6										
		<b>.</b>										
3								SUR	TANTIAL			
								3083	TANTIAL			
3			<u></u>	<u></u>	<u></u>							
2								MOE	ERATE			
1								LOV				
								100				
0 PO1 PO2	P03 P04	P05		06	P07	<mark></mark>	• • • • • • • • • • •	NO	CORRELATION			
F01 F02			-	00	-0/							
	📕 CO1 📕 CO2 📗	CO3										
TOOLS	DEFI	NED ATTAINI	MENT LEVEL	S W.R.T % OF	STUDENTS LEVEL 2		E TARGET M	ARKS	TARGET MARKS			
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3						
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89		ENTS ACHIEVE THE	60			
								TARGET				
PFRC	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			1					
COURSE OUTCO		CO1	CO2	C03	CO4	CO5	1	WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT			
INTERNAL MARKS		100	100	100	100	100			ISURE THE TOTAL IS 100 %			
DIRECT METHOD		100	100	100	100	100		ALWAYS E	ISURE THE TOTAL IS 100 %			
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0						
	COURSE OUTCOME A	TTAINMENT	LEVELS									
	ASSESSMENT			FINAL CO	со	TARGET	CO Correctiv	ve Measures				
CO N0	(INTERNAL)	SEE	CEFB	ATTAINME	TARGET	ACHIEVED	So conectiv	meusures				
C01	3		-	NT 3.00		? Yes						
C02	3		-	3.00		Yes						
CO3	3		-	3.00		Yes						
				-								





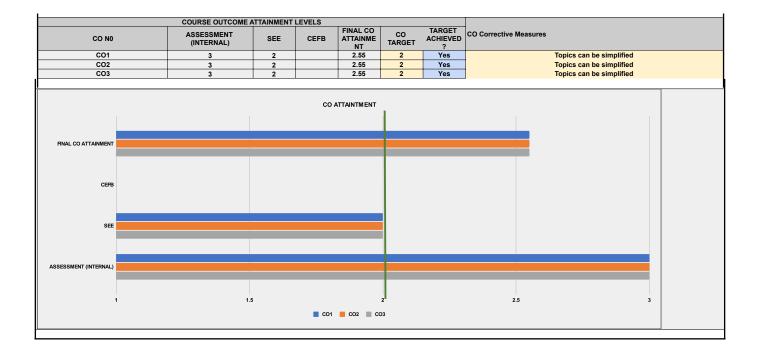


PROGRAM	FOURTH YEA	R B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theor	y (Exam)					
COURSE NAME (AS PER MU)	Architectural B	uilding Constru	uction 7					
COURSE CODE (AS PER MU)	BARC 703							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1 CO2	2	2	2	1 0	0	3	3	3
CO2	2	2	2	1	3	2	2	1
003	2	2	۷.	l	3	2	2	l
			CO Att	ainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	cc	CORRECTIV	E MEASURE	S
CO1	To understand foundations, hi them.	concepts of de gh rises and be	eep e able to apply	2.55				
CO2	To analyze critic related to seismable to design	nic, wind press		2.55				
CO3	To evaluate a t technological a		is of its	2.55	Topics can b	e simplified	1	
			Course-level	PO Attainmer	nts			
PO1 Attainment			2.55		PO5 Attainm	nent		2.55
PO2 Attainment			2.55		PO6 Attainm	nent		2.55
PO3 Attainment			2.55		PO7 Attainm	nent		2.55
PO4 Attainment			2.55		PO8 Attainm	nent		2.55



	USM'S KAM	LA RAHEJA	VIDYANIDHI I	NSTITUTE FO	RARCHITEC	TURE AND E	NVIRONMENT	AL STUDIES			
			BA	CHELORS OF	ARCHITECT	URE					
		COU	RSE OUTCO	ME AND PROC		OME ASSESS	MENT				
PROGRAM				COURSE	DETAILS	RTH YEAR B-					
ACADEMIC YEAR					FUU	2019-2020	АКСП				
SEMESTER						SEM 7					
EXAMINATION SCHEME					Sessionals	(Internal) + Th	neory (Exam)				
COURSE NAME (AS PER MU)						al Building Co					
COURSE CODE (AS PER MU)						BARC 703					
FACULTY FACULTY INCHARGE					Vikram, Ra	j, Shrey, Deve	sh, Sandhya				
TOTAL MARKS		Vikram 100									
						100					
CO. No.		COL	JRSE OUTC	OME				RBT (REVISI	ED BLOOMS TAXONOMY)		
C01	To understand conce	ents of deen f	oundations hi	oh rises and b	e able to apply	them		12 - Understar	nd (Explain ideas or concepts)		
	To analyze critical concerns										
CO2		s in high hoch	in accordance	e		bie to design		L4 - Analyse (D	raw connections among ideas)		
CO3	To evaluate	a building in	terms of its te	chnological adv	vancements			L5 - Evaluate	(Justify a stand or decision)		
				RSE OUTCOM							
CO. No	P01	PO2	PO3	PO4	PO5	P06	P07	PO8	CO AVERAGE		
CO1 CO2	2 2	2	2	1	0	3	3	3 1	2.29 2.00		
C02	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				Ac	hieved as pla	nnes, topics	can be simpli	fied			
			cc	RRELATION	LEVELS FOR	POS					
1						SLIGHT (LOV	V)				
2					MO	DERATE (MED					
3					SU	SBTANTIAL (H	HGH)				
0					N	CORRELAT	ION				
32		IG							STANTIAL DERATE		
1 0P01P02	PO3 PO4	P05	P	06	P07			LOW	CORRELATION		
	DEEL			SWRT%OF			E TARGET MA	RKS			
TOOLS	DEFI			LEVEL 1	LEVEL 2	LEVEL 3			TARGET MARKS		
SEE	IF GREATER THA	AN OR EQUAL 1	0	10-29	30-59	60-89	% OF STUDE	INTS ACHIEVE THE	28		
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL 1	0	10-29	30-59	60-89		INTS ACHIEVE THE	28		
PERCI COURSE OUTCO	ENTAGE WEIGHTAGE SET	FOR THE AS	CO2	CO3	CO4	CO5	-		BE DECIDED AS PER SUBJECT		
INTERNAL MARKS	me0	55	40	30	70	50					
SEE		45	60	70	30	50		ALWAYS EN	NSURE THE TOTAL IS 100 %		
DIRECT METHOD		100	100	100	100	100					
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALWAYS EN	NSURE THE TOTAL IS 100 %		
	COURSE OUTCOME A			FINAL CO	со	TARGET	CO Correctiv	e Measures			
CO N0	(INTERNAL)	SEE	CEFB	ATTAINME	TARGET	ACHIEVED ?					
CO1	3	2		2.55	2	Yes		Toni	cs can be simplified		
C02	3	2		2.55	2	Yes			cs can be simplified		
CO3	3	2		2.55	2	Yes			cs can be simplified		







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 BARC704 (AS PER MU)

#### **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 Att	ainments		
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		
		PO Attainmer	nts	
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 KAML	A RAHEJA V	/IDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES					
				CHELORS OF								
		COUF	RSE OUTCO	ME AND PROG	GRAM OUTC	OME ASSESS	MENT					
PROGRAM	1			COURSE	DETAILS							
ACADEMIC YEAR					FOU	2019-2020	ARCH					
SEMESTER EXAMINATION SCHEME					Only	SEM 7 Sessionals (In	ternal)					
COURSE NAME (AS PER MU)		Theory & Design of Structures 7										
COURSE CODE (AS PER MU) FACULTY		BARC704 Rajitha and Vikram										
FACULTY INCHARGE		Vikram										
TOTAL MARKS		100										
CO. No.		COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)										
CO1	In-depth understanding of t	the design an of footing	d analysis of s in the struct	retaining walls, ural system	pile foundatio	ons and types	L2 - Understa	nd (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										
CO3	Introduction to reta used in structural s	ining walls an ystem. Desig	nd basement v n and analysi	walls and variou is through solvin	us types of for ng simple nur	otings nerical	L4 - Analyse (E	raw 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.										
CO. No	PO1	MAPP PO2	ING OF COU PO3	RSE OUTCON PO4	IES AND PRO PO5	OGRAM OUTO PO6	COMES PO7 PO8	CO AVERAGE				
CO1	2	3	1	0	1	2	1 0	1.67				
CO2 CO3	1 0	2	2	3	2	23	2 2 2 1	2.00 1.86				
CO4	2	0	1	3	2	0	2 3	2.17				
CO5 PO AVERAGE	0	0 2.33	0 1.75	0 2.33	0	0 2.33	0 0 1.75 2.00	0.00				
	1.07	2.33	1.75	2.33	1.50	2.33	1.75 2.00					
Conclusion and Resolution	An intuitive understandir	ng of structu	ral systems f	for designing I	high rise bui	ldings and the	e required technical knowledg	e for its application in profession				
			со	RRELATION L	EVELS FOR	POS						
1						SLIGHT (LOW	/)					
2					MO	DERATE (MEC	DIUM)					
3					SUS	SBTANTIAL (H	liGH)					
0					NC	O CORRELATI	ON					
	CO PO MAPPIN	IG										
3 2 1 0 P01 P02	P03 P04	Pos		206	P07			BSTANTIAL DDERATE DW O CORRELATION				
	CO1 CO2 CO3				OTUDENTO							
TOOLS	DEFIN		MENT LEVEL	LEVEL 1	STUDENTS	SCORING TH	E TARGET MARKS	TARGET MARKS				
INTERNAL MARKS	IF GREATER THA	AN OR EQUAL	то	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70				
	ENTAGE WEIGHTAGE SET											
COURSE OUTCO	MES	CO1	CO2	CO3	CO4	CO5		N BE DECIDED AS PER SUBJECT				
TERNAL MARKS RECT METHOD		100 100	100	100 100	100 100	0 100		ENSURE THE TOTAL IS 100 %				
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											
OURSE EXIT FEEDBACK SURVEY												
OURSE EXIT FEEDBACK SURVEY	COURSE OUTCOME	ATTAINMENT										
CO N0	COURSE OUTCOME A ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME	CO TARGET	TARGET ACHIEVED	CO Corrective Measures					
	ASSESSMENT	SEE					CO Corrective Measures					
C01 C02	ASSESSMENT (INTERNAL)	SEE	CEFB	ATTAINME NT	TARGET	ACHIEVED	Medium of teaching can be structural system for com					
CO N0 CO1	ASSESSMENT (INTERNAL) 3	SEE	CEFB	ATTAINME NT 3.00	TARGET	ACHIEVED ? Yes	Medium of teaching can be structural system for com	nore interactive (hands on exercise, designin plex forms, case examples) and practical for ity of the course application				



	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED	CO Corrective Measures
CO1	3		-	3.00	2	Yes	
CO2	3			3.00	2.5	Yes	Medium of teaching can be more interactive (hands on exercise, designin structural system for complex forms, case examples) and practical for better clarity of the course application
CO3	3		-	3.00	2	Yes	· · ·
CO4	3			3.00	2	Yes	
			co	ATTAINTMENT			
FINAL CO ATTAINMENT							
FINAL CO ATTAINMENT							
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
1	1	1.5			2		2.5 3
			CO1	CO2 🔳 CO3	CO4		



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**

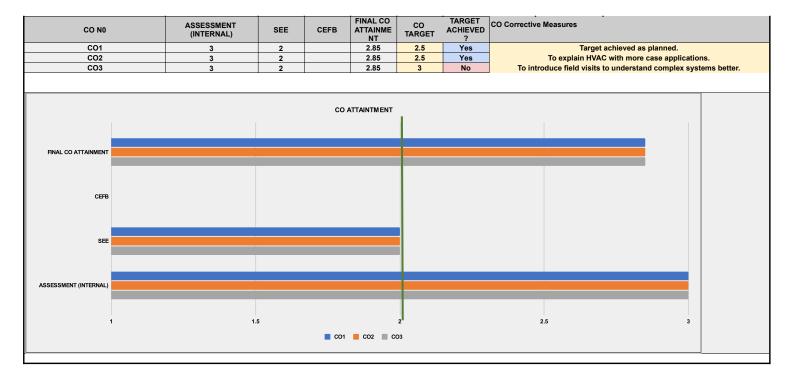
				-	-	-	-	-
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	1	0	1	3	3
CO2	0	0	0	0	2	1	3	3
CO3	2	2	2	0	2	1	3	3

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.							
	To enable students to understand components and workability of various HVAC systems within a building and capability to choose right systems									
CO2		2.85	To explain HVAC with more case application	ns.						
	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		To introduce field visits to understand comp	lex						
CO3	approach.	2.85	systems better.							
	Course-level	PO Attainmen	ts							
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						



	USM'S KAM	LA RAHEJA	VIDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND EI	VIRONMENTAL STUDIES			
			BA	CHELORS OF	ARCHITECT	URE				
	COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT									
PROGRAM	COURSE DETAILS PROGRAM FOURTH YEAR B-ARCH									
ACADEMIC YEAR					FUU	2019-2020	AKCH			
SEMESTER					0	SEM 7				
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Th tural Building S				
COURSE CODE (AS PER MU)						BARC708				
FACULTY FACULTY INCHARGE					Minal, Ki	maya, Durvesł Minal	n, Sanjana			
TOTAL MARKS						100				
CO. No.		COU	IRSE OUTC	OME			RBT (REVI	SED BLOOMS TAXONOMY)		
C01	To enable students to und		nportance of the ng passive stra		and arrive at	solutions by	L2 - Underst	and (Explain ideas or concepts)		
CO2	To enable students to unde bu			rkability of vario ose right systen		tems within a	L2 - Underst	and (Explain ideas or concepts)		
CO3	To make students explore t complex buildings and re	alize the relev	of various inf ance of servic ly-based appro	ces in architect	stems in high r ural design, us	rises or large sing a case	L4 - Analyse (	Draw connections among ideas)		
CO. No	PO1	MAPP PO2	PING OF COU PO3	RSE OUTCOM	NES AND PRO PO5	OGRAM OUTO	OMES 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 PO AVERAGE	2	2 2.00	2 2.00	0 1.00	2 2.00	1 1.00	3 3 3.00 3.00	2.14		
Conclusion and Resolution				The course	outcomes ali	gn moderatel	y with program outcomes.			
	CORRELATION LEVELS FOR POS									
1	SLIGHT (LOW)									
2		MODERATE (MEDIUM)								
3					SUS	SBTANTIAL (H	IGH)			
0					N	O CORRELATI	ON			
3	CO PO MAPPIN									
							SU	BSTANTIAL		
2										
							M	DDERATE		
1					••••••	•••	ro	w		
0 PO1 PO2	P03 P04	PO5	P	O6	P07		····· N	IO CORRELATION		
	🔳 CO1 📕 CO2 📗									
TOOLS	DEFI	NED ATTAINI	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS	TARGET MARKS		
SEE	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE	30		
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	TARGET % OF STUDENTS ACHIEVE THE	28		
DEDO			SESSEMME				TARGET			
COURSE OUTCO	ENTAGE WEIGHTAGE SET	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE C	AN BE DECIDED AS PER SUBJECT		
ERNAL MARKS		65	65	65	0	0		ENSURE THE TOTAL IS 100 %		
E RECT METHOD		45 100	60 100	70 100	0 100	0 100				
URSE EXIT FEEDBACK SURVEY		0	0	0	0	0	ALWAYS	ENSURE THE TOTAL IS 100 %		
	COURSE OUTCOME A	TTAINMENT	LEVELS							







PROGRAM	FOURTH YEA	R B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (In	ternal) + Exterr	nal (Jury)					
COURSE NAME (AS PER MU)	Architectural R	Representation	& Detailing 7					
COURSE CODE (AS PER MU)	BARC702							
			СОРО	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 Att	ainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	со	CORRECTIV	/E MEASURE	S
CO1	To understand application	bye laws and f	their	3.00				
CO2	To analyze crit design in acco	ical concerns, l rdance	oopholes and	3.00				
CO3	To create appr with studios.	oval drawings i	in accordance	3.00				
				PO Attainmen				
PO1 Attainment			3.00		PO5 Attainm			3.00
PO2 Attainment			3.00		PO6 Attainm			3.00
PO3 Attainment			3.00		PO7 Attainm			3.00
PO4 Attainment			3.00		PO8 Attainm	lent		3.00



	USM'S KAM	LA RAHEJA	VIDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND EI	NVIRONMENT	AL STUDIES		
				CHELORS OF						
		COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT								
		COURSE DETAILS								
PROGRAM					FOU	RTH YEAR B-	ARCH			
ACADEMIC YEAR SEMESTER						2019-2020 SEM 7				
EXAMINATION SCHEME					Sessionals	(Internal) + Ex	ternal (Jury)			
COURSE NAME (AS PER MU)					Architectural	Representatio	n & Detailing 7	7		
COURSE CODE (AS PER MU) FACULTY					Vikram Pai	BARC702 Shrey, Devesh	Neerai Parth	2		
FACULTY INCHARGE					vikiani, ixaj,	Vikram	, Neeraj, Farti			
TOTAL MARKS						200				
60 Na		00	JRSE OUTC	OME						
CO. No.		COL	IRSE OUTC	OME				RBI (REVIS	ED BLOOMS TAXONOMY)	
CO1	т	o understand	bye laws and	their applicatio	n			L2 - Understar	nd (Explain ideas or concepts)	
CO2	To analyze	critical concer	ms, loopholes	and design in	accordance			L4 - Analyse (D	raw connections among ideas)	
CO3	To crea	ite approval d	rawings in acc	cordance with s	tudios.			L6 - Create (P	roduce new or original work)	
00.11	201							500	CO 1//50405	
CO. No CO1	PO1 2	PO2 2	PO3 2	PO4	PO5 0	PO6 3	P07 3	PO8 3	CO AVERAGE 2.29	
CO2	2	2	2	0	3	2	2	1	2.29	
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 b	etween POs	and COs is ir	the medium	range. It will	become subs	tantial with m	ore emphasis on p	ropositional stage (create component).	
		CORRELATION LEVELS FOR POS								
1										
2		SLIGHT (LOW)								
						DERATE (MEE				
3					SU	SBTANTIAL (H	lIGH)			
0					N	O CORRELATI	ON			
3		IG							STANTIAL DERATE V	
0 PO1 PO2	P03 P04 P05 P06 P07 C01 C02 C03							CORRELATION		
TOOLS	DEFI	NED ATTAINI	MENT LEVEL	S W.R.T % OF LEVEL 1	STUDENTS		E TARGET M	ARKS	TARGET MARKS	
SEE	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDE	ENTS ACHIEVE THE TARGET	56	
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	·o	10-29	30-59	60-89	% OF STUDE	ENTS ACHIEVE THE TARGET	54	
PERCE	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			1			
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5		WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT	
INTERNAL MARKS	60 60 50 50 0 ALMAYS ENSUDE THE TOTAL IS 100 %								NSURE THE TOTAL IS 100 %	
SEE DIRECT METHOD										
COURSE EXIT FEEDBACK SURVEY	100         100         100         100         100           0         0         0         0         0         0							NSURE THE TOTAL IS 100 %		
CO N0	COURSE OUTCOME A ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME	CO TARGET	TARGET ACHIEVED	CO Correctiv	ve Measures		
CO1	3	3	-	NT 3	2.5	? Yes				
C01	3	3	-	3.00	2.5	Yes				
CO3	3	3	-	3.00	2.4	Yes				



	COURSE OUTCOME	ATTAINMENT	LEVELS					
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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		
			CO	ATTAINTMENT				
NAL CO ATTAINMENT								
CEFB								
CEFB								
SEE								
JEE								
ESSMENT (INTERNAL)								
1	1	1.5			2"		2.5 3	
C01 C03 C03								

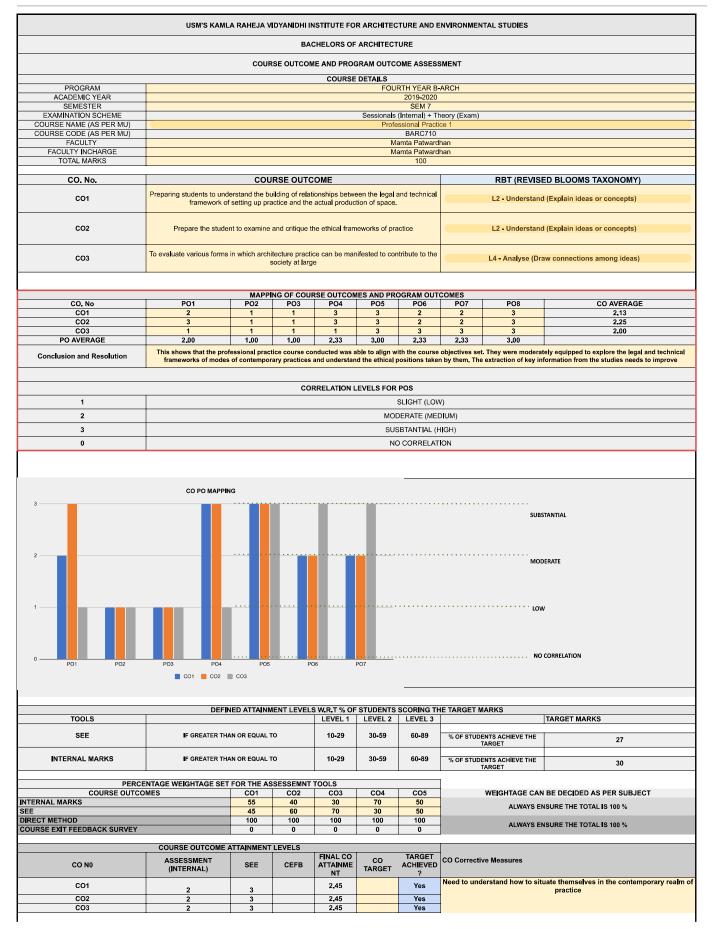


PROGRAM	FOURTH YEA	R B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 7							
EXAMINATION SCHEME	Sessionals (In	ternal) + Theo	ory (Exam)					
COURSE NAME (AS PER MU)	Professional P	Practice 1						
COURSE CODE (AS PER MU)	BARC710							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	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 At	tainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURE	ES
CO1	Preparing stud building of rela and technical practice and th space.	ationships betv framework of	ween the legal setting up	2.45	Need to unde			
CO2	Prepare the st critique the eth			2.45				
CO3	To evaluate va architecture pr contribute to th	ractice can be	manifested to	2.45				
			Course-level	PO Attainme	nts			
PO1 Attainmen	t		2.45		PO5 Attainm	nent		2.45
PO2 Attainmen	t		2.45		PO6 Attainm	nent		2.45
PO3 Attainmen	t		2.45		PO7 Attainm	nent		2.45
PO4 Attainmen	t		2,45		PO8 Attainm	nent		2,45



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

Affiliated to University of Mumbai





	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED	
CO1	2	3		2.45		165	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	
FINAL CO ATTAINMENT			CO A	TTAINTMENT			
CEFB							
SEE							
ASSESSMENT (INTERNAL)	1	5			2		2.5 3
·	·		<b>C</b> 01	📕 CO2 🔳 CC	3		



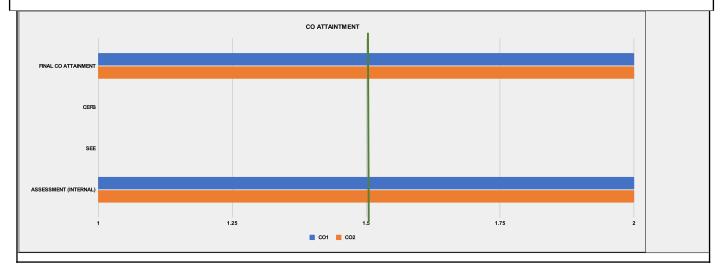
PROGRAM	FOURTH YEA	R B-ARCH								
ACADEMIC YEAR	2019-2020	2019-2020								
SEMESTER	SEM 7	SEM 7								
EXAMINATION SCHEME	Only Sessiona	ls (Internal)								
COURSE NAME (AS PER MU)	College Projec	ets 7								
COURSE CODE (AS PER MU)	BARP720									
			COPO	Mapping						
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8		
CO1	3	2	2	2	1	1	1	1		
CO2	2	1	0	1	0	2	2	2		
			CO Att	ainments						
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	S		
CO1	Understanding comprehend c	theoretical res ities	ources to	2.00						
CO2	Critique and a	rticulate throug	h writing	2.00						
			Course-level	PO Attainmen	ts					
PO1 Attainment			2.00		PO5 Attainm	ent		2.00		
PO2 Attainment			2.00		PO6 Attainm	ent		2.00		
PO3 Attainment			2.00		PO7 Attainm			2.00		
PO4 Attainment			2.00		PO8 Attainm	ent		2.00		



	USM'S KAN	ILA RAHEJA	VIDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND EI	NVIRONMENTAL	STUDIES		
			BA	CHELORS OF	ARCHITECT	URE				
		COU	RSE OUTCO	ME AND PROC	RAM OUTCO	OME ASSESS	MENT			
				COURSE	DETAILS					
PROGRAM					FOU	RTH YEAR B-	ARCH			
ACADEMIC YEAR						2019-2020				
SEMESTER						SEM 7				
EXAMINATION SCHEME						Sessionals (In				
COURSE NAME (AS PER MU)					Ĺ	College Project	s /			
COURSE CODE (AS PER MU)						BARP720	10			
FACULTY FACULTY INCHARGE						Hussain, Shwe	la			
TOTAL MARKS						Hussain 100				
TO TAL MARKS						100				
CO. No.		COL	IRSE OUTO	OME				RBT (REVISE	D BLOOMS TAXONOMY)	
C01	Unders	standing theore	etical resource	es to comprehe	nd cities		1	L3 - Apply (Use	information in new situations)	
CO2		Critique and	d articulate thr	ough writing				L5 - Evaluate	(Justify a stand or decision)	
		MADE		RSE OUTCOM			OMES			
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	1.63	
PO AVERAGE	2.50	1.50	2.00	1.50	1.00	1.50	1.50	1.50	1.07	
Conclusion and Resolution									earch and for future usage	
						<b>P</b> O0				
			CO	RRELATION L						
1		SLIGHT (LOW)								
2					MO	DERATE (MED				
3					SU	SBTANTIAL (H	ligh)			
0					N	O CORRELATI	ION			
	CO PO MAPPI									
3 2 1 0 PO1 PO2	P03 P04	POS	P		P07			SUBS MOD	TANTIAL ERATE CORRELATION	
2 1 0 P01 P02	P03 P04	POS	P	06 S. W.R.T % OF	P07 STUDENTS	SCORING TH		SUBS MOD LOW	CORRELATION	
	P03 P04	POS	P	06	P07			SUBS MOD LOW	ERATE	
2 1 0 P01 P02	P03 P04	PO5 02 INED ATTAINI	P	06 S. W.R.T % OF	P07 STUDENTS	SCORING TH		SUBS MOD LOW NO I S ACHIEVE THE	CORRELATION	
2 1 0 PO1 PO2 PO2 PO2	P03 P04 C01 C1 DEF	POS 02 INED ATTAINI AN OR EQUAL T	MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29	PO7 STUDENTS LEVEL 2	SCORING TH	E TARGET MARK	SUBS MOD LOW NO I S ACHIEVE THE	ERATE CORRELATION TARGET MARKS	
2 1 0 PO1 PO2 PO2 PO2	P03 P04 C01 C1 IF GREATER TH NTAGE WEIGHTAGE SET	POS 02 INED ATTAINI AN OR EQUAL T	MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29	PO7 STUDENTS LEVEL 2	SCORING TH	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE JET	ERATE CORRELATION TARGET MARKS	
2 1 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C1 IF GREATER TH NTAGE WEIGHTAGE SET	Pos oz INED ATTAINI AN OR EQUAL T F FOR THE AS CO1	P MENT LEVEL TO	06 S.W.R.T % OF LEVEL 1 10-29 TOOLS	007 STUDENTS LEVEL 2 30-59	SCORING TH LEVEL 3 60-89	E TARGET MARK	SUBS MOD 	ERATE CORRELATION TARGET MARKS 65	
2 1 1 D PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C1 IF GREATER TH NTAGE WEIGHTAGE SET	POS 02 INED ATTAINI AN OR EQUAL T	MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	CO4	SCORING TH LEVEL 3 60-89	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE SET EIGHTAGE CAN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	P03 P04 C01 C1 IF GREATER TH NTAGE WEIGHTAGE SET	POS O2 INED ATTAINI AN OR EQUAL T FOR THE AS CO1 55	MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29 TOOLS 0	007 STUDENTS LEVEL 2 30-59 CO4 0	SCORING TH LEVEL 3 60-89 CO5 0	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE SET EIGHTAGE CAN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT	
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 PO3 CO1 CO DEF IF GREATER TH NTAGE WEIGHTAGE SET MES	POS O2 INED ATTAINI AN OR EQUAL T FOR THE AS CO1 55 100 0	MENT LEVEL 0 3SESSEMNT CO2 45 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 0 100	P07 STUDENTS LEVEL 2 30-59 CO4 0 100	SCORING THI LEVEL 3 60-89 CO5 0 100	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE SET EIGHTAGE CAN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
2 1 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 C DEF IF GREATER TH NTAGE WEIGHTAGE SET MES COURSE OUTCOME ASSESSMENT	POS O2 INED ATTAINI AN OR EQUAL T FOR THE AS CO1 55 100 0	MENT LEVEL 0 3SESSEMNT CO2 45 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 0 100 0 FINAL CO ATTAINME	CO4 0 0 CO CO	SCORING THI LEVEL 3 60-89 CO5 0 100 0 TARGET ACHIEVED	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE EIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
2 1 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 C DEF IF GREATER TH NTAGE WEIGHTAGE SET AES COURSE OUTCOME ASSESSMENT (INTERNAL)	PO5 02 INED ATTAINI AN OR EQUAL T FOR THE AS CO1 55 100 0 ATTAINMENT SEE	P MENT LEVEL 0 SESSEMNT CO2 45 100 0 LEVELS CEFB	CG S.W.R.T % OF LEVEL 1 10-29 TOOLS CO3 0 100 0 FINAL CO ATTAINME NT	CO4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SCORING THI LEVEL 3 60-89 CO5 0 100 0 TARGET ACHIEVED - ?	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE EIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	
2 1 D PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 C DEF IF GREATER TH NTAGE WEIGHTAGE SET MES COURSE OUTCOME ASSESSMENT	POS O2 INED ATTAINI AN OR EQUAL T F FOR THE AS CO1 55 100 0 ATTAINMENT SEE	MENT LEVEL TO SESSEMNT CO2 45 100 0 LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 0 100 0 FINAL CO ATTAINME	CO4 0 0 CO CO	SCORING THI LEVEL 3 60-89 CO5 0 100 0 TARGET ACHIEVED	E TARGET MARK	SUBS MOD LOW S ACHIEVE THE EIGHTAGE CAN ALWAYS EN ALWAYS EN	ERATE CORRELATION TARGET MARKS 65 BE DECIDED AS PER SUBJECT SURE THE TOTAL IS 100 %	



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



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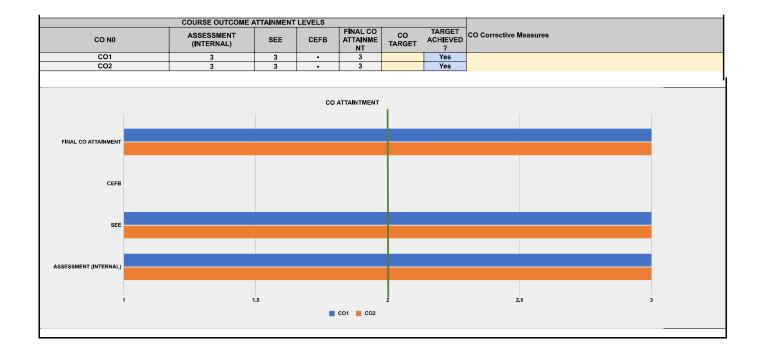


PROGRAM	FOURTH YEA	R B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 8					1		
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theo	ory (Exam)					
COURSE NAME (AS PER MU)	Professional T	raining						
COURSE CODE (AS PER MU)	BARC T 811	_						
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	3	2	2	3
CO2	3	3	3	3	3	2	2	3
			CO At	tainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	S
CO1	Understanding frameworks of practices			3.00				
CO2	Evaluating inte develop ideolo ones future co	gical position		3.00				
			Course-level	PO Attainmer	nts			
PO1 Attainmen	t		3.00		PO5 Attainn	nent		3.0
PO2 Attainmen			3.00		PO6 Attainn			3.0
PO3 Attainmen	-		3.00		PO7 Attainn			3.0
PO4 Attainmen			3.00		PO8 Attainn			3.0



	USM'S KAML	A RAHEJA V	IDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES			
			BA	CHELORS OF	ARCHITECT	URE				
		COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT								
				COURSE	DETAILS					
PROGRAM ACADEMIC YEAR					FOU	2019-2020	ARCH			
SEMESTER						SEM 8				
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Th essional Train				
COURSE CODE (AS PER MU)					1101	BARC T 811				
FACULTY FACULTY INCHARGE						Nemish Shah Nemish Shah				
TOTAL MARKS						200	I			
CO. No.		201	IRSE OUTO	OME				ED BLOOMS TAXONOMY)		
CO1	Understanding legal, te				of conducting	practices		d (Explain ideas or concepts)		
CO2	Evaluating internship exp	periences to c	levelop ideolo course	ogical positions	for situating	ones future	L5 - Evaluate	(Justify a stand or decision)		
CO. No	PO1	MAPP PO2	ING OF COU PO3	RSE OUTCON PO4	IES AND PRO PO5	OGRAM OUT	COMES PO7 PO8	CO AVERAGE		
CO1	3	2	2	3	3	2	2 3	2.50		
CO2 PO AVERAGE	3 3.00	3 2.50	3 2.50	3.00	3 3.00	2 2.00	2 3 2.00 3.00	2.75		
Conclusion and Resolution	5150		•				d enable students to chart thei	r future		
					EVELSEOD	POS				
1		CORRELATION LEVELS FOR POS SLIGHT (LOW)								
2		MODERATE (MEDIUM)								
3					SUS	SBTANTIAL (H	(IGH)			
0						CORRELAT				
3	CO PO MAPPIN	IG								
2								STANTIAL DERATE		
1 PO1 PO2	P03 P04		ρ.	06	P07			V O CORRELATION		
	📕 CO1 📕 CC	02								
	DEFIN		IENT LEVEL				E TARGET MARKS			
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS		
SEE	IF GREATER THA	N OR EQUAL	го	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	120		
INTERNAL MARKS	F GREATER THA	N OR EQUAL	го	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	120		
	TAGE WEIGHTAGE SET FOR THE ASSESSEMNT TOOLS									
COURSE OUTCO	IES         CO1         CO2         CO3         CO4         CO5         WEIGHTAGE CAN BE DECIDED AS PER SUBJECT									
INTERNAL MARKS	55         40         30         70         50           45         60         70         30         50									
DIRECT METHOD COURSE EXIT FEEDBACK SURVEY	100 100 100 100 100 ALWAYS ENSURE THE TOTAL IS 100 %							NSURE THE TOTAL IS 100 %		
COURSE EAT FEEDBACK SURVEY										
CO N0	COURSE OUTCOME A ASSESSMENT	SEE	CEFB	FINAL CO	CO TARGET	TARGET ACHIEVED	CO Corrective Measures			
CO1	(INTERNAL) 3	3	-	NT 3	TARGET	? Yes				
CO2	3	3		3		Yes				





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# Fifth Year Report

2019-20. PO Attainment and Corrective Measures

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BARC
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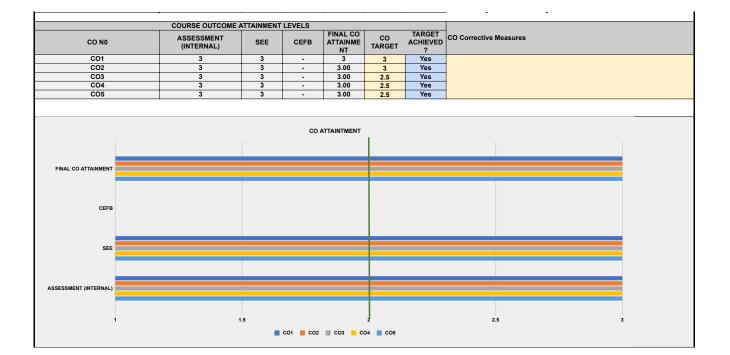
901

PROGRAM	FIFTH YEAR	B-ARCH						
ACADEMIC								
YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Sessionals (In	iternal) + Exter	nal (Jury)					
COURSE NAME (AS PER MU)	Architectural	Design Studio 8	3					
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
				-				
	r		CO Att	ainments	1			
CO. No	CO STATEMEN	ITS		FINAL CO	со	CORRECTIV	E MEASUR	ES
CO1	Choice and Na gathering	ature of Inquiry	//data	3.00				
CO2	Critical thinkin	g to Evaluate a	and analyse	3.00				
CO3		the knowledge & representation		3.00				
CO4	Attendance/ p	articipation in o	discussion	3.00		1	1	1
			• • •					
PO1 Attainment	•		Course-level 3.00	PO Attainmer	nts PO5 Attainn	aant		3.00
PO1 Attainment	-		3.00		PO5 Attainin PO6 Attainn			3.00
PO2 Attainment			3.00		PO7 Attainn			3.00
PO4 Attainment			3.00		PO8 Attainn			3.00



	USM'S KAM	LA RAHEJA V	IDYANIDHI I	NSTITUTE I	OR ARCHITED	TURE AND E	ENVIRONMENTAL STUDIES	
			BA	CHELORS	OF ARCHITEC	URE		
		COUR	SE OUTCO	ME AND PR	OGRAM OUTC	OME ASSES	SMENT	
PROOPAN				COUR	SE DETAILS		DOLL	
PROGRAM ACADEMIC YEAR					FIF	TH YEAR B-A 2019-2020		
SEMESTER						SEM 9		
EXAMINATION SCHEME						(Internal) + E		
COURSE NAME (AS PER MU)						tural Design S		
COURSE CODE (AS PER MU)						BARC901		
FACULTY				Supriva +	Chhavi: Dick +		ya + Ami: Ashok + Vandana	
FACULTY INCHARGE TOTAL MARKS						Ainsley 200		
TOTAL MARKS						200		
CO. No.		COU	RSE OUTO	COME			RBT (REVISE	ED BLOOMS TAXONOMY)
CO1		Choice and Na	ture of Inquir	v/data gathe	ring		L2 - Understand	(Explain ideas or concepts)
				yrdata gatrie	illig			
CO2							L4 - Analyse (Dra	w connections among ideas)
		Critical thinkin	ng to Evaluat	te and analy	se			
CO3							L6 - Create (Pro	oduce new or original work)
	Application of	of the knowledg	e gained / ma	anifestation	& representation	ı		
CO4		Attondonco/	narticipation	in discussio	n		L5 - Evaluate (	Justify a stand or decision)
		Allenuance/	participation	m ulscussio				
		MADO	NG OF CO'	DEE OUTO	MES AND DO	OCRAM OUT	COMES	
CO. No	PO1	PO2	NG OF COU PO3	RSE OUTC	DMES AND PR 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 stu	idio is a culmi	nation of the	e undergrag	uate studies a	nd is a challa	nge as practicioneers are invite	d to conduct the course.
				<b>..</b>			<b>5</b> ,	
			co	RRELATIO	I LEVELS FOR	POS		
1						SLIGHT (LOV	V)	
2					MO	DERATE (MEI	OIUM)	
3					SU	SBTANTIAL (H	HGH)	
0					N	CORRELAT	ION	
						-		
	CO PO MAPPI	NG						
3								
							SUBS	TANTIAL
2		<mark></mark>			<u></u>			
-							MOD	ERATE
1				<mark>.</mark>	<u></u>		LOW	,
							LOW	,
0			<mark></mark> <mark></mark> .				NO	CORRELATION
P01 P02	P03 P04	PO5	Р	06	PO7			
	📕 CO1 📕 CO2 📗 C	.00 004						
TOCLO	DEFI	NED ATTAINM	IENT LEVEL				IE TARGET MARKS	
TOOLS				LEVEL	LEVEL 2	LEVEL 3	IE TARGET MARKS	TARGET MARKS
TOOLS SEE		NED ATTAINM					% OF STUDENTS ACHIEVE THE	TARGET MARKS 67
SEE	IF GREATER TH	IAN OR EQUAL T	0	LEVEL 1 10-29	10-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	
	IF GREATER TH		0	LEVEL	LEVEL 2	LEVEL 3	% OF STUDENTS ACHIEVE THE	
SEE	IF GREATER TH	IAN OR EQUAL T	ro ro	LEVEL 1 10-29 10-29	10-59	60-89	% OF STUDENTS ACHIEVE THE TARGET % OF STUDENTS ACHIEVE THE	67
SEE	IF GREATER TH IF GREATER TH NTAGE WEIGHTAGE SE'	IAN OR EQUAL T	ro ro	LEVEL 1 10-29 10-29	10-59	60-89	% OF STUDENTS ACHIEVE THE TARGET % OF STUDENTS ACHIEVE THE TARGET	67
SEE INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS	IF GREATER TH IF GREATER TH NTAGE WEIGHTAGE SE'	IAN OR EQUAL T	TO TO SESSEMNT CO2 40	LEVEL 7 10-29 10-29 TOOLS CO3 30	LEVEL 2 30-59 30-59 CO4 70	LEVEL 3 60-89 60-89 CO5 50	% OF STUDENTS ACHIEVE THE TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN	67 67 BE DECIDED AS PER SUBJECT
SEE INTERNAL MARKS PERCE COURSE OUTCO INTERNAL MARKS SEE	IF GREATER TH IF GREATER TH NTAGE WEIGHTAGE SE'	IAN OR EQUAL T	TO TO SESSEMNT CO2 40 60	LEVEL / 10-29 10-29 TOOLS CO3 30 70	LEVEL 2 30-59 30-59 CO4 70 30	LEVEL 3 60-89 60-89 CO5 50 50	% OF STUDENTS ACHIEVE THE TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN	67 67
SEE INTERNAL MARKS PERCE	IF GREATER TH IF GREATER TH NTAGE WEIGHTAGE SE'	IAN OR EQUAL T	TO TO SESSEMNT CO2 40	LEVEL 7 10-29 10-29 TOOLS CO3 30	LEVEL 2 30-59 30-59 CO4 70	LEVEL 3 60-89 60-89 CO5 50	% OF STUDENTS ACHIEVE THE TARGET % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CAN ALWAYS EN	67 67 BE DECIDED AS PER SUBJECT







PROGRAM	FIFTH YEAR E	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Sessionals (Int	ternal) + Theor	ry (Exam)					
COURSE NAME (AS PER MU)	Allied Design S	Studio 8						
COURSE CODE (AS PER MU)	BARC902							
			СОРО	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 At	tainments				
CO. No	CO STATEMEN	тѕ		FINAL CO ATTAINMENT	cc	CORRECTIV	E MEASURE	ES
	Developing me research	ethods of cond	ucting					
CO1				3.00				
	Reviewing liter arguments	rature and crition	quing					
CO2				3.00				
	Using design a strategies	as a medium fo	or adaptation					
CO3				3.00				
	Analyzing, criti	iquing and artic	culating					
CO4	arguments			3.00				
			Course-level	PO Attainmen	ts			
PO1 Attainment			3.00		PO5 Attainm	nent		3.00
PO2 Attainment			3.00		PO6 Attainm			3.00
PO3 Attainment			3.00		PO7 Attainn			3.00
PO4 Attainment			3.00		PO8 Attainm			3.00
						-		



	USM'S KAM	LA RAHEJA \	VIDYANIDHI I	NSTITUTE FO	R ARCHITEC	TURE AND EI	NVIRONMENT	AL STUDIES	
				CHELORS OF					
		cou		ME AND PRO			MENT		
					DETAILS				
PROGRAM ACADEMIC YEAR					FIF	TH YEAR B-A 2019-2020	RCH		
SEMESTER						SEM 9			
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Th ed Design Stu			
COURSE CODE (AS PER MU)						BARC902			
FACULTY FACULTY INCHARGE					Shweta, Hus	sain, Mamta, Hussain	Ginella, Sarah		
TOTAL MARKS						100			
CO. No.		cou	JRSE OUTO	OME				RBT (REVIS	ED BLOOMS TAXONOMY)
	[			ducting researc	h				· · · · ·
CO1								L2 - Understar	nd (Explain ideas or concepts)
		oviouring liters	atura and ariti		ta				
CO2	, r	eviewing intera		quing argumen	15			L4 - Analyse (D	raw connections among ideas)
	Llein	a design as a	medium for a	daptation strate	agios				
CO3	Usin	g design as a	medium for a	uaptation strate	egies			L2 - Understar	nd (Explain ideas or concepts)
CO4								L5 - Evaluate	(Justify a stand or decision)
	An	alyzing, critiqu	uing and articu	ulating argume	nts				
CO. No	PO1	MAPP PO2	PING OF COU PO3	RSE OUTCOM PO4	NES AND PRO 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 CO4	2 3	3	3	1	1	1 2	1 2	3	1.88
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 ana	lytical and cr		nd hence assi s in studying			esigned in suc	ch a way that stude	nts have to come up with new and innovativ
			1404	o in otaa jing					
				RRELATION		PO8			
				RRELATION			0		
1						SLIGHT (LOW			
						DERATE (MED			
3						SBTANTIAL (H			
0					N	O CORRELATI	ION		
3	CO PO MAPPIN								STANTIAL
3 2 1 9 9 90 90 902	CO PO MAPPIN	P05			P07			SUB	Verate V
1 PO1 PO2	P03 P04	P05 3 004	P	00 -06 	PO7	SCORING TH		SUB: MOI	Verate V
0 P01 P02	P03 P04	P05 0 C04	P MENT LEVEL	06 S W.R.T % OF LEVEL 1	PO7 STUDENTS LEVEL 2	SCORING TH	E TARGET MA	SUB: MOI LOV	V CORRELATION
1 PO1 PO2	PO3 PO4 CO1 CO2 CO2 DEFI	PO5 3 CO4	P MENT LEVEL	06 S W.R.T % OF LEVEL 1 10-29	P07 STUDENTS LEVEL 2 30-59	SCORING THI LEVEL 3 60-89	E TARGET MA	SUB: MOI LOV LOV NO	CORRELATION
0 P01 P02	P03 P04	PO5 3 CO4	P MENT LEVEL	06 S W.R.T % OF LEVEL 1	PO7 STUDENTS LEVEL 2	SCORING TH	E TARGET MA	SUB: MOI LOV 	V CORRELATION
1 PO1 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CC DEFI IF GREATER THA IF GREATER THA	PO5 PO5 CO4 NOR EQUAL T IN OR EQUAL T FOR THE AS	MENT LEVEL 70 ISESSEMNT	006 S.W.R.T % OF LEVEL 1 10-29 10-29 TOOLS	P07 STUDENTS LEVEL 2 30-59 30-59	SCORING THI LEVEL 3 60-89 60-89	E TARGET MA	SUB: MOI LOV LOV NO NTS ACHIEVE THE ARGET	CORRELATION
0 PO1 PO2  TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCO	PO3 PO4 PO3 PO4 CO1 CO2 CC DEFI IF GREATER THA IF GREATER THA	PO5 3 CO4 NOR EQUAL T IN OR EQUAL T FOR THE AS CO1	P MENT LEVEL 10 10 10 15ESSEMNT 1 CO2	CO6	P07 STUDENTS LEVEL 2 30-59 30-59 CO4	SCORING TH LEVEL 3 60-89 60-89 CO5	E TARGET MA	SUB: MOI LOV LOV NO NTS ACHIEVE THE ARGET	CORRELATION
1 PO1 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CC DEFI IF GREATER THA IF GREATER THA	PO5 PO5 CO4 NOR EQUAL T IN OR EQUAL T FOR THE AS	MENT LEVEL 70 ISESSEMNT	006 S.W.R.T % OF LEVEL 1 10-29 10-29 TOOLS	P07 STUDENTS LEVEL 2 30-59 30-59	SCORING THI LEVEL 3 60-89 60-89	E TARGET MA	SUB MOI LOV LOV NO NTS ACHIEVE THE ARGET NTS ACHIEVE THE ARGET WEIGHTAGE CAN	CORRELATION
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TOOLS SEE INTERNAL MARKS PERCE COURSE OUTCOM	PO3 PO4 PO3 PO4 CO1 CO2 CC DEFI IF GREATER THA IF GREATER THA	PO5 PO5 CO4 NOR EQUAL T IN OR EQUAL T FOR THE AS CO1 65 35	MENT LEVEL 70 35ESSEMNT 50 50 50 50 50 50 50 50 50 50	CO3 CO3 CO3 CO3 CO3 S5 45	PO7 STUDENTS LEVEL 2 30-59 30-59 30-59 CO4 50 50	SCORING THI LEVEL 3 60-89 60-89 60-89 0 0	E TARGET MA	NOC	CORRELATION TARGET MARKS 30 31 I BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %
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	COURSE OUTCOME A	TTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO 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	
			CO A	TTAINTMENT			
FINAL CO ATTAINMENT							
CEFB							
GEID							
SEE							
ASSESSMENT (INTERNAL)							
1	1.5				2		2.5 3
			📕 CO1 📕 (	CO2 🔳 CO3 📕	CO4		



#### USM's RAHEJA VIDYANIDHI KAMLA 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 Att	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	
C01	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	
	They are able to develop and represent a			
CO3	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	
	They develop empathy towards craft and craftsmanship and they themselves inculcate a practice of doing "hands-on" wherever the opportunity is available.			
CO5		3.00	Achieved as planned	
	Course-level	PO Attainmen	ts	
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



PROGRAM         ACADEMIC YEAR         SEMESTER         EXAMINATION SCHEME         COURSE CODE (AS PER MU)         FACULTY         FACULTY INCHARGE         TOTAL MARKS         CO1       They develop an intuitive un of the components and are inatural forces, usage and components of the transformation of the components of the transformation of the components and are inatural forces, usage and components of the transformation of the components of the transformation of the components and are inatural forces, usage and components and are inatural forms the core scope of the transformation of the components and are inatural forces, usage and components and are inatural forms the core scope of cost of the transformation of the components and are inatural forces, usage and components and are inatural forces, usage and components and are inatural forms the core scope of cost of cost of cost of cost of the transformation of the components and are inatural forms the core scope of cost of cost of cost of suitable standare         CO4       They refer to appropriate remandbooks, codes, etc.) as absence of suitable standare         CO5       They develop empathy tow of doing "hands-on" wherever of cost is a standare of suitable standare         1       1         2       3         3       0         1       2         3       0	COUR COUR derstanding of able to visualis onstructional pr tructural persp used in makin site; and anticip of technology p d represent a sources (case required while ds, they are ab	BAC RSE OUTCOM RSE OUTCOM RSE OUTCO for the various bi se their concep possibilities. Pective, climatic se their concep possibilities. Substantially se substantially se substantially se studies, stand a arriving at solu ble to custom co craftsmanship inity is available	COURSE E AND PROG COURSE COURSE Uilding system ts as material c factors and th and the vario ur of the struct ound technica ards, technica dutions to the d lesign details I and they them po4 2 2	ARCHITECTI SRAM OUTCC DETAILS FIF Only Architectur Jimmy, as and proport objects subje he building elle he building elle he building elle ture over its e I proposal. I literature, gu esign problem befitting their of iselves inculca	ME ASSESSM TH YEAR B-AR 2019-2020 SEM 9 Sessionals (Inte al Building Con BARC903 sandhya, Kum Jimmy 100 ionate sizes cted to ements visualising xpected life idelines, is. In core idea.	CH CH emal) struction 8	RBT (REVISE) L2 - Understand L4 - Analyse (Dra L2 - Understand	D BLOOMS TAXONOMY) (Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts) duce new or original work)
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COURSE NAME (AS PER MU)         COURSE CODE (AS PER MU)         FACULTY INCHARGE         TOTAL MARKS         CO1       They develop an intuitive un of the components and are in atural forces, usage and construction on segonse to it; the materials process of construction on segonse to it; the materials process of construction on segonse to it; the materials codes etc.) as absence of suitable standard         CO2       They refer to appropriate real handbooks, codes, etc.) as absence of suitable standard         CO3       They refer to appropriate real handbooks, codes, etc.) as absence of suitable standard         CO4       They develop empathy tows of doing "hands-on" wherever of doing a transmitter of the component of the compon	derstanding of able to visualis onstructional persp used in makin site; and anticip of technology p d represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 2	f the various b se their concept oossibilities. Dective; climatic rg the built forn pating behavio substantially sub- studies, stand a arriving at solu- ble to custom co- craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3	uilding system ts as material c factors and ti n and the vario ur of the struct ound technica ards, technica design details l and they them e. RSE OUTCOM PO4 2 2	Architectur Jimmy, Jimmy, as and proport objects subje he building ele ous elements; ture over its e il proposal. Il literature, gu esign problem befitting their nselves inculca Iselves inculca	al Building Con BARC903 sandhya, Kum Jimmy 100 ionate sizes cted to ements visualising xpected life idelines, is. In core idea. ate a practice	struction 8	L2 - Understand L4 - Analyse (Dra L2 - Understand L1 - Remember (Ro	(Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts)
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TOTAL MARKS         CO. No.       They develop an intuitive un of the components and are in atural forces, usage and components and are in atural forces and	derstanding of able to visualis onstructional persp used in makin site; and anticip of technology p d represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 2	f the various b se their concept oossibilities. Dective; climatic rg the built forn pating behavio substantially sub- studies, stand a arriving at solu- ble to custom co- craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3	uilding system ts as material c factors and ti n and the vario ur of the struct ound technica ards, technica design details l and they them e. RSE OUTCOM PO4 2 2	as and proporti objects subje he building ele ous elements; ture over its e: Il proposal. Il literature, gu esign problem befitting their of nselves inculca III selves inculca	Jimmy 100 ionate sizes cted to ements visualising xpected life idelines, is, In core idea. ate a practice		L2 - Understand L4 - Analyse (Dra L2 - Understand L1 - Remember (Ro	(Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts)
CO. No.       They develop an intuitive un of the components and are inatural forces, usage and construction on signal forms the core scope of construction on signal forms the core scope of construction on the process of construction on a span forms the core scope of code         CO2       They are able to develop an intuitive un of the components and are inatural forces, usage and code of construction on a span forms the core scope of code         CO3       They are able to develop an induction of the components and are inatural forces, usage and code of code o	derstanding of able to visualis onstructional persp used in makin site; and anticip of technology p d represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 2	f the various b se their concept oossibilities. Dective; climatic rg the built forn pating behavio substantially sub- studies, stand a arriving at solu- ble to custom co- craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3	uilding system ts as material c factors and ti n and the vario ur of the struct ound technica ards, technica design details l and they them e. RSE OUTCOM PO4 2 2	objects subje he building ele ous elements; ture over its e: Il proposal. Il literature, gu esign problem befitting their nselves inculca ILES AND PRC PO5	ionate sizes cted to aments visualising xpected life idelines, is. In core idea. ate a practice		L2 - Understand L4 - Analyse (Dra L2 - Understand L1 - Remember (Ro	(Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts)
CO1     They develop an intuitive un of the components and are natural forces, usage and co analysis of built form from s response to it; the materials process of construction on s span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of absence of suitable standard absence of s	derstanding of able to visualis onstructional persp used in makin site; and anticip of technology p d represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 2	f the various b se their concept oossibilities. Dective; climatic rg the built forn pating behavio substantially sub- studies, stand a arriving at solu- ble to custom co- craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3	uilding system ts as material c factors and ti n and the vario ur of the struct ound technica ards, technica design details l and they them e. RSE OUTCOM PO4 2 2	objects subje he building ele ous elements; ture over its e: Il proposal. Il literature, gu esign problem befitting their nselves inculca ILES AND PRC PO5	cted to aments visualising xpected life idelines, is. In core idea. ate a practice		L2 - Understand L4 - Analyse (Dra L2 - Understand L1 - Remember (Ro	(Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts)
CO1     They develop an intuitive un of the components and are natural forces, usage and co analysis of built form from s response to it; the materials process of construction on s span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of analysis of built form from s response to it; the materials process of construction on span forms the core scope of absence of suitable standard absence of s	derstanding of able to visualis onstructional persp used in makin site; and anticip of technology p d represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 2	f the various b se their concept oossibilities. Dective; climatic rg the built forn pating behavio substantially sub- studies, stand a arriving at solu- ble to custom co- craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3	uilding system ts as material c factors and ti n and the vario ur of the struct ound technica ards, technica design details l and they them e. RSE OUTCOM PO4 2 2	objects subje he building ele ous elements; ture over its e: Il proposal. Il literature, gu esign problem befitting their nselves inculca ILES AND PRC PO5	cted to aments visualising xpected life idelines, is. In core idea. ate a practice		L2 - Understand L4 - Analyse (Dra L2 - Understand L1 - Remember (Ro	(Explain ideas or concepts) w connections among ideas) (Explain ideas or concepts) call facts and basic concepts)
CO2     Analysis of built form from s response to it; the materials span forms the core scope of construction on s span forms the core scope of construction on s span forms the core scope of construction of span forms the core scope of construction of cod       CO4     They are able to develop an absence of suitable standar absence of suitable standar of doing "hands-on" wherever of doing "hands-on" wherever of doing "hands-on" wherever of doing "hands-on" wherever absence of suitable standar co2       CO5     They develop empathy toward of doing "hands-on" wherever absence of suitable standar co3       CO6     PO1       CO3     3       CO4     3       CO3     3       CO4     3       CO5     2       PO AVERAGE     2.80       Conclusion and Resolution     CO PO MAPPIN       3     0	tructural persp used in makini itie; and antici of technology p di represent a s sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 2	ective; climatic g the built form pating behavio pedagogy substantially sub- studies, stand a arriving at solu- ble to custom of craftsmanship nity is available ING OF COUR PO3 3 3 3 3	n and the varia ur of the struct ound technica ards, technica utions to the d design details l and they them e. RSE OUTCOM PO4 2 2	ous elements; ture over its e il proposal. Il literature, gu esign problem befitting their o nselves inculca IES AND PRC PO5	visualising xpected life idelines, is. In sore idea. ate a practice		L2 - Understand	(Explain ideas or concepts) call facts and basic concepts)
CO3     They are able to develop an absence of suitable standard absence of s	d represent a sources (case required while ds, they are ab ards craft and c er the opportur PO2 3 3 3 3 3 3 2	substantially s studies, stand arriving at solu- ble to custom of craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3 3	ards, technica utions to the d design details I and they them e. <b>RSE OUTCOM</b> <b>PO4</b> 2 2	I literature, gu esign problem befitting their o nselves inculca IES AND PRC PO5	ate a practice		L1 - Remember (Re	call facts and basic concepts)
CO4     handbooks, codes, etc.) as absence of suitable standar       CO5     They develop empathy tows of doing "hands-on" wherever of doing "hands-on" wherever of doing and the second standard stan	MAPPI PO2 3 3 3 2	arriving at solu ble to custom of craftsmanship nity is available ING OF COUR PO3 3 3 3 3 3 3	utions to the di lesign details I and they them e. <b>RSE OUTCOM</b> PO4 2 2	esign problem befitting their of iselves inculca IES AND PRO PO5	ate a practice			
CO3         of doing "hands-on" wherever           CO1         3           CO2         3           CO3         3           CO4         3           CO5         2           PO AVERAGE         2.80           Conclusion and Resolution            1         2           3         0	MAPPI PO2 3 3 3 3 3 2	ING OF COUR PO3 3 3 3 3 3	e. RSE OUTCOM PO4 2 2	ES AND PRO PO5	GRAM OUTCO		L6 - Create (Pro	duce new or original work)
CO1         3           CO2         3           CO3         3           CO4         3           CO5         2           PO AVERAGE         2.80           Conclusion and Resolution            1         2           3         0	PO2 3 3 3 3 3 2	PO3 3 3 3 3 3 3	PO4 2 2	PO5				
CO1         3           CO2         3           CO3         3           CO4         3           CO5         2           PO AVERAGE         2.80           Conclusion and Resolution            1         2           3         0	PO2 3 3 3 3 3 2	PO3 3 3 3 3 3 3	PO4 2 2	PO5		MER		
CO1         3           CO2         3           CO3         3           CO4         3           CO5         2           PO AVERAGE         2.80           Conclusion and Resolution            1         2           3         0	3 3 3 3 2	3 3 3 3	2 2			PO7	PO8	CO AVERAGE
CO2         3           CO3         3           CO4         3           CO5         2           PO AVERAGE         2.80           Conclusion and Resolution            1         2           3         0	3 3 3 2	3 3 3	2		3	3	2	2.63
CO4     3       CO5     2       PO AVERAGE     2.80       Conclusion and Resolution        1     2       3     0   CO PO MAPPIN	3 2	3		2	3	3	3	2.75
CO5     2       PO AVERAGE     2.80       Conclusion and Resolution     1       1     2       3     0	2		3	2	3	3	3	2.88
PO AVERAGE 2.80 Conclusion and Resolution  1  2  3  0  CO PO MAPPIN 3		2	3	2	3	3	3	2.88
Conclusion and Resolution  1  2  3  0  CO PO MAPPIN  3  CO PO MAPPIN	2.00	3.00	3 2.60	2	3 3.00	2	3 2.75	2.50
2 3 0 CO PO MAPPIN 3 		0.00	2.00		nieved as planr		2.70	
2 3 0 CO PO MAPPIN 3 								
2 3 0 CO PO MAPPIN 3 		COR	RELATION L	EVELS FOR	POS			
3 0 CO PO MAPPIN 3				:	SLIGHT (LOW)			
3 0 CO PO MAPPIN 3				MOE	DERATE (MEDI	UM)		
0 CO PO MAPPIN					SBTANTIAL (HIG			
со ро марріл 3								
3				NC	CORRELATIC	DN		
3								
							SUBST	INTIAL
2							MODE	ATE
0 P01 P02 P03 P04							LOW	
CO1 CO2 CO3	 P05	PO	6	P07			NO C	DRRELATION



70010	DEF	NED ATTAIN	MENT LEVEL				E TARGET MARKS	TADOST MADICO
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
INTERNAL MARKS	IF GREATER TH	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	65
DEL	RCENTAGE WEIGHTAGE SET		SESSEMNT					
COURSE OUT		CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CA	N BE DECIDED AS PER SUBJECT
NTERNAL MARKS		100	100	100	100	100		ENSURE THE TOTAL IS 100 %
IRECT METHOD		100	100	100	100	100		ENSURE THE TOTAL IS 100 %
OURSE EXIT FEEDBACK SURVEY		0	0	0	0	0	ALWAYSE	INSURE THE TOTAL IS 100 %
	COURSE OUTCOME		LEVELS	FINAL CO		TARGET	-	
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	ATTAINME	CO TARGET	ACHIEVED	CO Corrective Measures	
CO1	3		-	3.00	2.5	Yes		chieved as planned
CO2	3		-	3.00	2.5	Yes		chieved as planned
CO3	3		-	3.00	2.5	Yes		chieved as planned
CO4 CO5	3		•	3.00	2.5	Yes		chieved as planned
005	3		-	3.00	2.5	Yes	A	chieved as planned
			co	ATTAINTMENT				
FINAL CO ATTAINMENT			co	ATTAINTMENT				
			co	ATTAINTMENT				
CEFB SEE			co	ATTAINTMENT				
CEFB			co	ATTAINTMENT				
CEFB SEE			co	ATTAINTMENT				
CEFB SEE	1	5	co	ATTAINTMENT			2.5	3

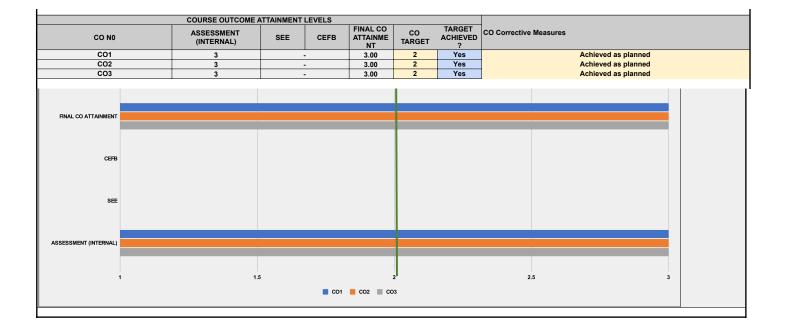


PROPRIM								
PROGRAM	FIFTH YEAR E	3-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Only Sessiona	lls (Internal)						
COURSE NAME (AS PER MU)	Theory & Desi	gn of Structure	s 8					
COURSE CODE (AS PER MU)	BARC904							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	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 Att	ainments				
CO. No	CO STATEMEN	TS		FINAL CO ATTAINMENT	T CO CORRECTIVE MEASURES			
CO1	To understand and design	long span stru	ctural framing	3.00	Achieved as	planned		
CO2		lvance constructural understanc		3.00	Achieved as	planned		
CO3		d apply stresse respect to form		3.00	Achieved as	planned		
			Course-level	PO Attainmen	its			
PO1 Attainment			3.00		PO5 Attainm	ent		3.00
PO2 Attainment			3.00		PO6 Attainm	ent		3.00
PO3 Attainment			3.00		PO7 Attainm	ent		3.00
PO4 Attainment			3.00		PO8 Attainm	ent		3.00



	LISM'S KAM				R ARCHITEC		VVIRONMENTAL STUDIES								
	USINI S KAINI			CHELORS OF											
		COUF		IE AND PROC			MENT								
				COURSE	DETAILS										
PROGRAM					FIF	TH YEAR B-A	RCH								
ACADEMIC YEAR						2019-2020									
SEMESTER EXAMINATION SCHEME					Only	SEM 9	tomol								
COURSE NAME (AS PER MU)						Sessionals (In Design of Str									
COURSE CODE (AS PER MU)					Theory a	BARC904	uctures o								
FACULTY		Jimmy, Sandhya, Kumarguru													
FACULTY INCHARGE	Jimmy														
TOTAL MARKS															
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)														
C01	COURSE OU ICOME     RB1 (REVISED BLOOMS TAXONOMY)       To understand long span structural framing and design     L2 - Understand (Explain ideas or concepts)														
C02	To evaluate advance construction on the basis of structural understanding L2 - Understand (Explain ideas or concepts)														
CO3	To analyse and apply	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								1.75							
CO2	2	3	1	1	2	1	3 1 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						lieved as plar									
			CO	RRELATION L	EVELS FOR	POS									
1					:	SLIGHT (LOW	/)								
2					MOL	DERATE (MED	NUM)								
3					SUS	SBTANTIAL (H	IGH)								
0					NC	CORRELATI	ON								
CO PO MAPPING SUBSTANTIAL MODERATE LOW															
							KO								
1 P01 P02	P03 P04	P05	PC	26	P07										
P01 P02	CO1 CO2	CO3		S W.R.T % OF	STUDENTS	CORING THI		CORRELATION							
1 P01 P02	CO1 CO2	CO3					NC								
P01 P02	CO1 CO2	CO3	IENT LEVEL	S W.R.T % OF	STUDENTS	CORING THI	NC	CORRELATION							
PO1 PO2 TOOLS INTERNAL MARKS	CO1 CO2	NED ATTAINN	MENT LEVEL:	S W.R.T % OF LEVEL 1 10-29	STUDENTS S	SCORING THI	E TARGET MARKS	CORRELATION TARGET MARKS							
PO1 PO2 TOOLS INTERNAL MARKS	CO1 CO2	NED ATTAINN	MENT LEVEL:	S W.R.T % OF LEVEL 1 10-29	STUDENTS S	SCORING THI	E TARGET MARKS	CORRELATION TARGET MARKS							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS	CO1 CO2	CO3 NED ATTAINM IN OR EQUAL TO FOR THE AS: CO1 100	NENT LEVELS D SESSEMNT T CO2 100	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100	STUDENTS S LEVEL 2 30-59 CO4 100	SCORING THI LEVEL 3 60-89 COS 100	E TARGET MARKS	CORRELATION TARGET MARKS 33							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD	CO1 CO2	ECO3 NED ATTAINM IN OR EQUAL TO FOR THE AS: CO1	NENT LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3	STUDENTS 3 LEVEL 2 30-59 CO4 100 100	SCORING THI LEVEL 3 60-89 CO5	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD	CO1 CO2	CO3 NED ATTAINM IN OR EQUAL TO FOR THE AS: CO1 100	NENT LEVELS D SESSEMNT T CO2 100	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100	STUDENTS S LEVEL 2 30-59 CO4 100	SCORING THI LEVEL 3 60-89 COS 100	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD	CO1 CO2 DEFI IF GREATER THA ENTAGE WEIGHTAGE SET MES	NED ATTAINM NOR EQUAL TO FOR THE AS: CO1 100 100 0	D D D D D D D D D D D D D D D D D D D	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	STUDENTS 3 LEVEL 2 30-59 CO4 100 100	CO5 100	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD	COURSE OUTCOME A	NED ATTAINM NOR EQUAL TO FOR THE AS: CO1 100 100 0	D D D D D D D D D D D D D D D D D D D	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME	STUDENTS S LEVEL 2 30-59 CO4 100 0 0	CO5 100 100 0 TARGET ACHIEVED	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY CO N0	COURSE OUTCOME A ASSESSMENT (INTERNAL)	CO3 NED ATTAINM N OR EQUAL TO FOR THE AS: CO1 100 0 0 XTTAINMENT SEE	AENT LEVELS D SESSEMNT I CO2 100 0 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 00LS CO3 100 0 FINAL CO ATTAINME NT	STUDENTS : LEVEL 2 30-59 CO4 100 0 0 CO TARGET	COS 100 100 100 100 100 100 100 100 100 10	E TARGET MARKS * OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E ALWAYS E CO Corrective Measures	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY CO N0 CO1	COURSE OUTCOME A ASSESSMENT (INTERNAL) 3	NOR EQUAL THE ASS CO1 100 100 0 TTAINMENT SEE	AENT LEVELS D SESSEMNT 1 CO2 100 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT 3.00	STUDENTS S LEVEL 2 30-59 CO4 100 100 0 CO TARGET 2	CORING THI LEVEL 3 60-89 CO5 100 100 0 TARGET ACHIEVED ? Yes	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E ALWAYS E CO Corrective Measures ALWAYS	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %							
PO1 PO2 TOOLS INTERNAL MARKS PERC COURSE OUTCO INTERNAL MARKS DIRECT METHOD COURSE EXIT FEEDBACK SURVEY CO N0	COURSE OUTCOME A ASSESSMENT (INTERNAL)	NOR EQUAL TO TOT THE ASS CO1 100 100 0 NTTAINMENT SEE	AENT LEVELS D SESSEMNT 1 CO2 100 100 0 LEVELS CEFB	S W.R.T % OF LEVEL 1 10-29 00LS CO3 100 0 FINAL CO ATTAINME NT	STUDENTS : LEVEL 2 30-59 CO4 100 0 0 CO TARGET	COS 100 100 100 100 100 100 100 100 100 10	E TARGET MARKS % OF STUDENTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS E ALWAYS E ALWAYS E ALWAYS ALWAYS E ALWAYS E ALWAYS E ALWAYS E ALWAYS E ALWAYS E ALWAYS E	CORRELATION TARGET MARKS 33 N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 % NSURE THE TOTAL IS 100 %							







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**

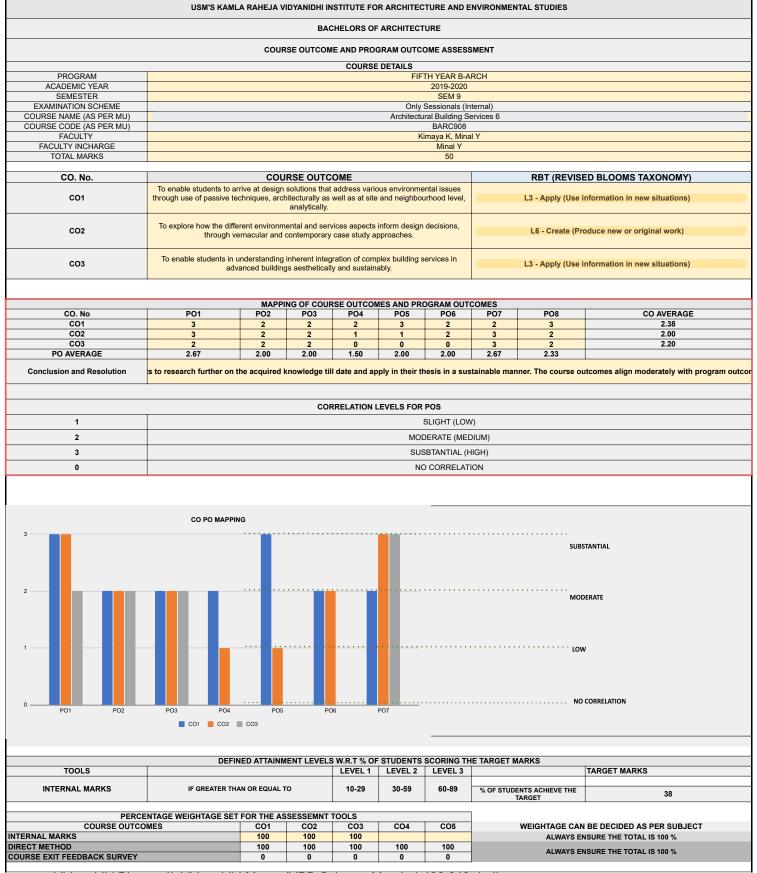
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	3	2	2	3
CO2	3	2	2	1	1	2	3	2
CO3	2	2	2	0	0	0	3	2

	CO Att	ainments	
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.
СОЗ	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 Attainmer	nts
PO1 Attainment	2.00		PO5 Attainment 2.0
PO2 Attainment	2.00		PO6 Attainment 2.0
PO3 Attainment	2.00		PO7 Attainment 2.0
PO4 Attainment	2.00		PO8 Attainment 2.0

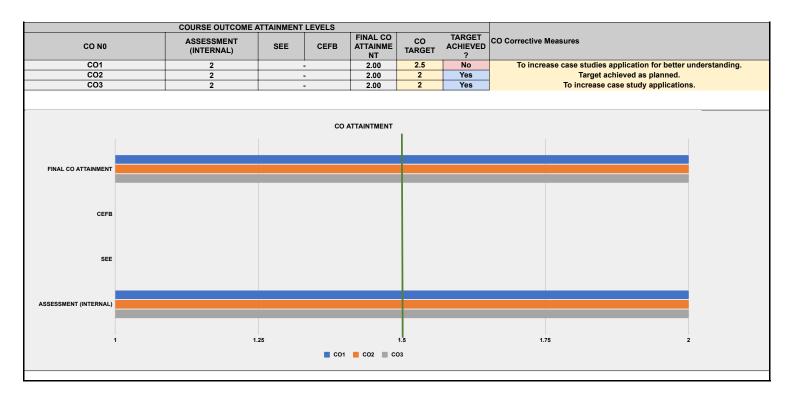


## USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

Affiliated to University of Mumbai









PROGRAM	FIFTH YEAR	B-ARCH						
ACADEMIC								
YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Only Sessiona	als (Internal)						
COURSE NAME (AS PER MU)	Environmenta	Studies 4						
COURSE CODE (AS PER MU)	BARC906							
			СОРО	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 Att	ainments	1			
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	s
C01	post-occupand	understanding cy evaluation/b tudies in a buil	ouilding	2.00	To explain POE through case studies			
CO2		lerive a proces ing hard and s ncy in energy c cological footp	oft skills to consumption print and	2.00				
CO3	•	disciplinary app conomics, ethic tions to enviror	proaches such cs, and policy nmental	2.00	Target achieved as planned			studies
CO4	Be proficient v ideas of susta buildings, dyna that address o mitigation stra	amic façade sy limate adaptat	ero energy /stems etc.	2.00	To share tech	hnical ideas	more compr	ehensively
			Course love					
DO1 Attainment			Course-level	PO Attainmer	1	aant		2.00
PO1 Attainment			2.00 2.00		PO5 Attainn PO6 Attainn			2.00
PO2 Attainment								2.00
PO3 Attainment			2.00		PO7 Attainn			2.00
PO4 Attainment			2.00		PO8 Attainn	liefit		2.00



CO4

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

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES BACHELORS OF ARCHITECTURE COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT COURSE DETAILS FIFTH YEAR B-ARCH PROGRAM ACADEMIC YEAR SEMESTER 2019-2020 SEM 9 EXAMINATION SCHEME Only Sessionals (Internal) COURSE NAME (AS PER MU) COURSE CODE (AS PER MU) FACULTY Environmental Studies 4 BARC906 Kimaya Keluskar , Minal Yerramshetty FACULTY INCHARGE Kimaya Keluskar TOTAL MARKS 100 **RBT (REVISED BLOOMS TAXONOMY)** CO. No. COURSE OUTCOME To develop an understanding to conduct post-occupancy evaluation/building assessment CO1 L2 - Understand (Explain ideas or concepts) studies in a built environment to inform design decisions. To learn and derive a process of application using hard and soft skills to attain proficiency in CO2 L5 - Evaluate (Justify a stand or decision) energy consumption calculations, ecological footprint and carbon footprint of the built form To apply interdisciplinary approaches such as ecology, economics, ethics, and policy to devise CO3 L3 - Apply (Use information in new situations) solutions to environmental problems at regional and neighbourhood level. Be proficient with design and technical ideas of sustainability, net zero energy buildings. L4 - Analyse (Draw connections among ideas) CO4 dynamic façade systems etc. that address climate adaptation and mitigation strategies. 
 MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES

 PO2
 PO3
 PO4
 PO5
 PO6
 PO
 CO. No P01 PO8 CO AVERAGE PO7 CO1 1 88 CO2 1.75 CO3 1.88 CO4 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) NO CORRELATION 0 CO PO MAPPING 3 SUBSTANTIAL MODERATE IOW NO CORRELATION PO4 PO6 PO7 PO2 PO3 POS 📕 CO1 📕 CO2 🔳 CO3 📒 CO4 DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS TOOLS TARGET MARKS LEVEL 1 LEVEL 2 LEVEL 3 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 CO2 CO3 CO4 CO5 WEIGHTAGE CAN BE DECIDED AS PER SUBJECT CO1 NTERNAL MARKS 100 100 100 100 ALWAYS ENSURE THE TOTAL IS 100 % DIRECT METHOD COURSE EXIT FEEDBACK SURVEY 100 100 100 100 100 ALWAYS ENSURE THE TOTAL IS 100 % 0 0 0 0 0 COURSE OUTCOME ATTAINMENT LEVELS FINAL CO ATTAINME NT TARGET ASSESSMENT со CO Corrective Measures CO NO SEE CEFB ACHIEVED (INTERNAL) TARGET To explain POE through case studies CO1 2.00 2.00 2.5 No 2 CO2 Yes Target achieved as planned To explain concepts along with case studies CO3 2.00 Yes

To share technical ideas more comprehensively



CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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		
			cc	ATTAINTMENT	1				
INAL CO ATTAINMENT									
CEFB									
UEFB									
SEE									
SEE									
			_						
ESSMENT (INTERNAL)									
		1.25					1.75 2		
1		1.20		CO2 CO3	1.5		1./0 2		



PROGRAM	FIFTH YEAR	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Sessionals (Ir	nternal) + Theo	ry (Exam)					
COURSE NAME (AS PER MU)	Professional F	Practice 2						
COURSE CODE (AS PER MU)	BARC910							
			СОРО	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 Att	ainments				
CO. No		NTS		FINAL CO ATTAINMENT	со	CORRECTIV	'E MEASURE	ES
CO1	situation of ho through case	e frameworks I busing stock in studies and ho esponse to vari	the city w practices	3.00	Need to und in the conten			
CO2	with land and	ne legal framew building and th eological positi	neir role in	3.00				
CO3		d how individua themselves wi profession		3.00				
	ļ		Course-level	PO Attainme	nts			
PO1 Attainmen	t		3.00		PO5 Attainn	nent		3.00
PO2 Attainmen	t		3.00		PO6 Attainn	nent		3.00
PO3 Attainmen			3.00		PO7 Attainn	nent		3.00
PO4 Attainmen	t		3.00		PO8 Attainn	aont		3.00



	USM'S KAML	A RAHEJA V	DYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES								
				CHELORS OF											
		COUF		IE AND PRO	GRAM OUTC	OME ASSESS	MENT								
				COURSE	DETAILS										
PROGRAM				COUNDL		TH YEAR B-A	RCH								
ACADEMIC YEAR						2019-2020									
SEMESTER						SEM 9									
EXAMINATION SCHEME	7					(Internal) + Th		-							
COURSE NAME (AS PER MU)					Profe	essional Practi	ce 2								
COURSE CODE (AS PER MU)					mate Deturned	BARC910									
FACULTY FACULTY INCHARGE				Ma		han, Shantanu amta Patwardh									
TOTAL MARKS					IVia	100	lan								
CO. No.															
	To analyse the frameworks leading to the situation of housing stock in the city through case														
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														
	To evaluate the legal fragments related with lend and building and their role is developing														
CO2	To evaluate the legal frameworks related with land and building and their role in developing ideological positions in practice														
	To evaluate the legal frameworks related with land and building and their role in developing ideological positions in practice														
CO3	To understand how indiv	viduals/practic		ited themselve	s within the a	rchitectura	L4 - Analyse (Dra	w connections among ideas)							
			profession					·····;							
				RSE OUTCON											
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 of 12 July	This shows that the prof	essional prac	tice course co	onducted was a	ble to align w	ith the course	objectives set. They were moderat	ely equipped to explore the legal and technical							
Conclusion and Resolution	frameworks of modes	of contempor	ary practices	and understar	d the ethical	positions taker	h by them. The extraction of key in	formation from the studies needs to improve							
			CO	RRELATION L	EVELS FOR	POS									
							0								
1						SLIGHT (LOW	v)								
2					MOI	DERATE (MED	OIUM)								
•															
3					SU	SBTANT <b>I</b> AL (H	1IGH)								
0					N	O CORRELAT	ION								
	1														
	CO PO MAPPIN	G													
3															
° <b>–</b>															
							SUBS	TANTIAL							
2				<u> </u>	<mark></mark>										
							MOD	ERATE							
1					••••••	• • • • • • • • • • •	LOW	1							
								CORRELATION							
0 PO1 PO2	P03 P04	PO5	P	06	P07										
	📕 CO1 📕 CO2 📗	002													
	001 002	005													
	DEFIN	IED ATTAINN	IENT LEVEL				E TARGET MARKS								
TOOLS				LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS							
SEE	IF GREATER THA	N OR EQUAL 1	U	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	27							
							IARGET								
INTERNAL MARKS	IF GREATER THA	N OR EQUAL	го	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE	20							
							TARGET	30							
	NTAGE WEIGHTAGE SET														
COURSE OUTCO	MES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT							
INTERNAL MARKS		55	40	30	70	50	ALWAYS FM	ISURE THE TOTAL IS 100 %							
SEE		45	60	70	30	50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
DIRECT METHOD		100	100	100	100	100	AI WAYS FM	ISURE THE TOTAL IS 100 %							
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0									
	COURSE OUTCOME A	TTAINMENT	LEVELS												
	ASSESSMENT	077	05	FINAL CO	со	TARGET	CO Corrective Measures								
CO NO	(INTERNAL)	SEE	CEFB	ATTAINME	TARGET	ACHIEVED									
	,			NT		?	Need to understand have to "	usto thomashuga in the context							
CO1	3	2		3	3	Yes	Need to understand how to site	uate themselves in the contemporary realm of							
CO2		3		3	3	Yes		practice							
C02	3	3		3	3										
	3	3		3	3	Yes									



	 COURSE OUTCOME A	TTAINMENT	LEVELS					
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	ACHIEVED		
C01	3	3		3	3	163	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		
			CO A	TTAINTMENT	1			
FINAL CO ATTAINMENT								
СЕГВ								
SEE								
ASSESSMENT (INTERNAL)								
		-						
1	1.	5	C01	<b>CO2</b> CO2	2		2.5 3	

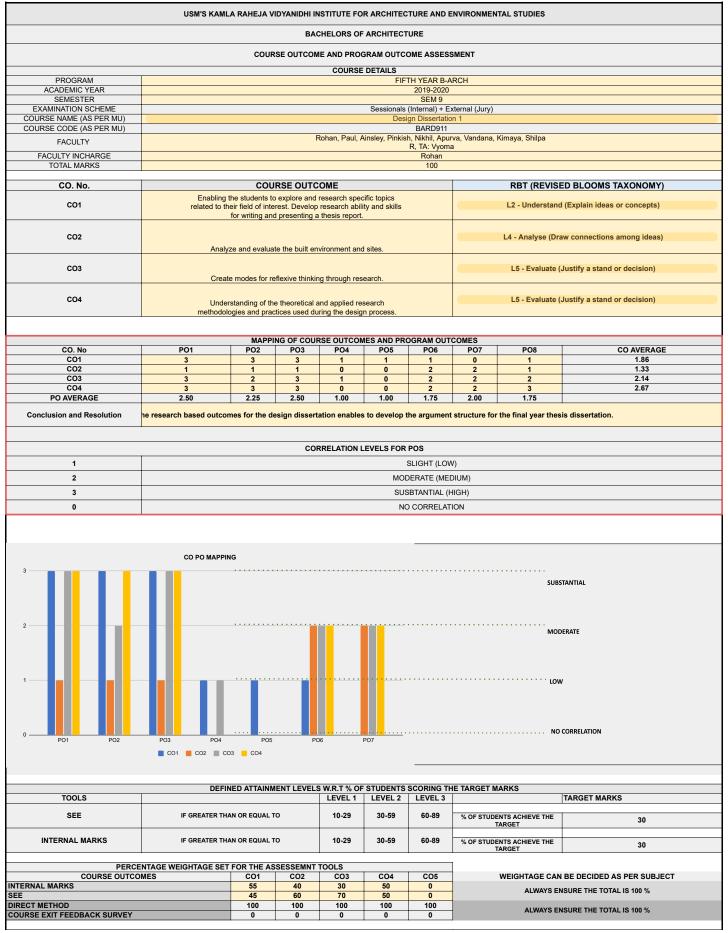


PROGRAM	FIFTH YEAR	B-ARCH						
		D-ARON						
YEAR	2019-2020							
SEMESTER	SEM 9							
EXAMINATION SCHEME	Sessionals (In	ternal) + Exter	nal (Jury)					
COURSE NAME (AS PER MU)	Design Disser	tation 1						
COURSE CODE (AS PER MU)	BARD911							
			СОРО	Mapping				
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	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 Att	ainments	t			
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURI	ES
CO1	Enabling the s research spec related to their research abilit for writing and	ific topics field of interes y and skills	st. Develop	2.45				
CO2	Analyze and e environment a	valuate the bu	-	2.60				
CO3	Create modes through resea		ninking	2.70				
CO4	Understanding applied resear methodologies the design pro	ch and practices		2.50	More in-clas be provided and improve research me	to help the s upon their tl	tudents und neoretical a	erstand
			Courses loss 1	DO 444-!	-			
			Course-level	PO Attainmei		aant		0.45
PO1 Attainment PO2 Attainment			2.56 2.54		PO5 Attainn PO6 Attainn			2.45 2.58
PO2 Attainment			2.54		PO6 Attainn PO7 Attainn			2.56
PO3 Attainment			2.56		PO7 Attainn PO8 Attainn			2.60
	•		2.30					2.30



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

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	COURSE OUTCOME	ATTAINMENT	LEVELS				
CO NO	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	-	2.50	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.
			co A	ATTAINTMENT			
FINAL CO ATTAINMENT							
CEFB							
SEE							
ASSESSMENT (INTERNAL)							
		1.5			]		2.5 3
1		1.0	<b>C</b> 01	CO2 🔳 CO3 📗	2 CO4		2.5 3

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PROGRAM	FIFTH YEAR I	B-ARCH							
ACADEMIC YEAR	2019-2020	5741011							
SEMESTER	SEM 10								
EXAMINATION SCHEME	Only Sessiona	lls (Internal)							
COURSE NAME (AS PER MU)	Environmental	Studies 5							
COURSE CODE (AS PER MU)	BARC1006								
			СОРО	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 Att	ainments					
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	s	
CO1	To identify the environmental		st specific to	2.00	To explain ar comprehens		environment	tal projects	
	To enable stuc thinking, analy inform design specifics of en justice.	tical and techr decisions, kee	nical skills to ping in mind	2.00	To increase l	lectures on c	ritical thinkir	ng.	
CO3	To gain holistic sustainability v understanding goals.	vhile focusing	on	2.00	To increase lectures on critical thinking.				
CO4	To be able to u urbanization-ir challenges and architectural co urban/rural en	nduced enviror d further mana omplexities wi	nmental ige	2.00	To introduce			enges.	
				PO Attainmer					
PO1 Attainment			2.00		PO5 Attainn			2.00	
PO2 Attainment			2.00		PO6 Attainment			2.00	
PO3 Attainment			2.00		PO7 Attainn			2.00	
PO4 Attainment			2.00		PO8 Attainn	nent		2.00	



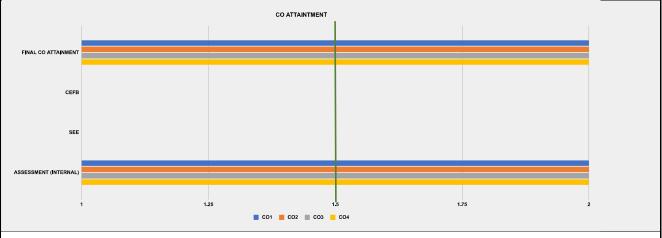
	USM'S KAML	.A RAHEJA V	DYAN <b>I</b> DHI II	NSTITUTE FO		TURE AND E		TAL STUDIES				
				CHELORS OF								
		COUR		ME AND PRO			SMENT					
					DETAILS							
PROGRAM ACADEMIC YEAR					FIF	TH YEAR B-A 2019-2020						
SEMESTER					0-1	SEM 10						
EXAMINATION SCHEME COURSE NAME (AS PER MU)						Sessionals (Ir onmental Stud						
COURSE CODE (AS PER MU) FACULTY					ĸ	BARC1006 imaya K, Mina						
FACULTY INCHARGE					N	Kimaya K	ari					
TOTAL MARKS	100											
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)											
CO1	To identify the area of interest specific to environmental revelation.											
CO2	To enable students to dev decisions, kee	velop critical th ping in mind sp	hinking, analy pecifics of en	rtical and techr vironmental et	ical skills to in nics and justic	nform design e.		L4 - Analyse (D	raw connections among ideas)			
CO3	To gain holistic under		ban sustainat ble developm		sing on under	rstanding		L2 - Understar	nd (Explain ideas or concepts)			
CO4	To be able to understand manage arcl			ed environmer in urban/rura <b>l</b> e		s and further		L2 - Understar	nd (Explain ideas or concepts)			
CO N-	PO1			RSE OUTCOM				PO8				
CO. No CO1	PO1 3	PO2	<b>PO3</b>	PO4 2	PO5	PO6 2	P07	PO8 3	CO AVERAGE 1.88			
CO2 CO3	3	2	2	1 2	1 2	2 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 o	utcomes are	slightly align	ed with prog	ram outcomes.				
			со	RRELATION	EVELS FOR	POS						
1						SLIGHT (LOV	V)					
2					MO	DERATE (MEI	DIUM)					
	SUSBTANTIAL (HIGH)											
3												
3 0						SBTANTIAL (H D CORRELAT						
	СО РО МАРРИ	NG										
	CO PO MAPPIN											
	CO PO MAPPIN							SU	BSTANTIAL			
	CO PO MAPPIN							SU	BSTANTIAL			
	CO PO MAPPIN							SU	BSTANTIAL			
	CO PO MAPPIN								BSTANTIAL			
	CO PO MAPPIN											
	CO PO MAPPIN											
	CO PO MAPPIN							мс	DDERATE			
	CO PO MAPPIN								DDERATE			
	CO PO MAPPIN							мс	DDERATE			
	CO PO MAPPIN							мс	DDERATE			
								мс	DDERATE			
0 3 2 1 1		Po5			N			мс	DDERATE			
0 3 2 1 1	P03 P04	P05			N			мс	DDERATE			
0 3 2 1 1	P03 P04	PO5 03 CO4	р	c6	N(	D CORRELAT		мс	DDERATE			
0 3 2 1 1	P03 P04	PO5 03 CO4	р		P07	SCORING TH		мс	DDERATE			
0 3 2 1 0 PO1 PO2	P03 P04	POS 03 CO4	P IENT LEVEL	06 S W.R.T % OF	P07	SCORING TH	ION HE TARGET N % OF STUD	IARKS	ODERATE NW O CORRELATION TARGET MARKS			
0 3 2 0 PO1 PO2 TOOLS INTERNAL MARKS	PO3 PO4 CO1 CO2 CO DEFI IF GREATER TH	PO5 D3 CO4	P NENT LEVEL TO	06 S W.R.T % OF LEVEL 1 10-29	PO7	SCORING TH	ION HE TARGET N % OF STUD	MC 	ODERATE NV O CORRELATION TARGET MARKS			
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THU ENTAGE WEIGHTAGE SET	PO5 D3 CO4	P NENT LEVEL TO	06 S W.R.T % OF LEVEL 1 10-29	PO7	SCORING TH	ION HE TARGET N % OF STUD	IARKS	ODERATE NV O CORRELATION TARGET MARKS			
0 3 2 0 Po1 Po2 TOOLS INTERNAL MARKS PERCI COURSE OUTCO ITERNAL MARKS	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THU ENTAGE WEIGHTAGE SET	PO5 03 CO4 NED ATTAINN AN OR EQUAL T FOR THE AS CO1 100	ro SSESSEMNT CO2 100	006 S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100	P07 STUDENTS LEVEL 2 30-59 CO4 100	SCORING TH LEVEL 3 60-89	ION HE TARGET N % OF STUD	IARKS IARKS WEIGHTAGE CA	ODERATE WV O CORRELATION TARGET MARKS 70			
0 3 2 1 0 FO1 FO2 FO2 FO2 FO2 FO2 FO2 FO2 FO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THU ENTAGE WEIGHTAGE SET	POS POS DO3 CO4	IENT LEVEL TO SSESSEMNT CO2	S W.R.T % OF LEVEL 1 10-29 TOOLS C03	P07 STUDENTS LEVEL 2 30-59	SCORING TH LEVEL 3 60-89	ION HE TARGET N % OF STUD	IARKS IARKS WEIGHTAGE CA ALWAYS I	ODERATE NW O CORRELATION TARGET MARKS 70 N BE DECIDED AS PER SUBJECT			
0 3 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFI IF GREATER TH, ENTAGE WEIGHTAGE SET DMES	Pos 3 Co4 NED ATTAINM AN OR EQUAL T FOR THE AS CO1 100 100 0	RENT LEVEL RENT LEVEL TO SSESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100	NI STUDENTS LEVEL 2 30-59 CO4 100 100	SCORING TH LEVEL 3 60-89 CO5 100	ION HE TARGET N % OF STUD	IARKS IARKS WEIGHTAGE CA ALWAYS I	ODERATE OV O CORRELATION TARGET MARKS TO N BE DECIDED AS PER SUBJECT ENSURE THE TOTAL IS 100 %			
0 3 2 2 0 Po1 Po2 Po2 Po2 Po2 Po2 Po2 Po2 Po2	PO3 PO4 PO3 PO4 CO1 CO2 CO DEFIN IF GREATER THU ENTAGE WEIGHTAGE SET	POS POS O3 CO4 NED ATTAININ AN OR EQUAL T FOR THE AS CO1 100 0 ATTAINIMENT	ro SSESSEMNT CO2 100 100 0 0 LEVELS	006 S W.R.T % Of LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO	NI STUDENTS LEVEL 2 30-59 CO4 100 100	COS COS COS COS COS TARGET	ION HE TARGET N % OF STUD	IARKS IARKS WEIGHTAGE CA ALWAYS I	ODERATE OV O CORRELATION TARGET MARKS TO N BE DECIDED AS PER SUBJECT ENSURE THE TOTAL IS 100 %			
0 3 2 2 1 0 PO1 PO2 PO2 PO2 PO2 PO2 PO2 PO2 PO2	PO3 PO4 PO3 PO4 CO2 CO2 CO2 PO3 CO2 CO2 PO3 CO2 CO2 PO4 PO3 CO2 CO2 CO2 CO2 CO2 CO2 CO2 CO2	Pos 3 Co4 NED ATTAINM AN OR EQUAL T FOR THE AS CO1 100 100 0	RENT LEVEL RENT LEVEL TO SSESSEMNT CO2 100 100 0	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT	P07  STUDENTS  LEVEL 2  30-59  CO4 100 100 0  CO TARGET	COS COS 100 7 COS	ION HE TARGET N % OF STUD	IARKS IARKS WEIGHTAGE CA ALWAYS I ALWAYS I	ODERATE OV O CORRELATION TARGET MARKS TO N BE DECIDED AS PER SUBJECT ENSURE THE TOTAL IS 100 % ENSURE THE TOTAL IS 100 %			
0 3 2 1 D PO1 PO2 TOOLS INTERNAL MARKS PERCI COURSE OUTCO VITERNAL MARKS INTERNAL	PO3 PO4 CO1 CO2 CO DEFIN IF GREATER TH. ENTAGE WEIGHTAGE SET MES COURSE OUTCOME. ASSESSMENT (INTERNAL) 2	PO5 PO5 PO5 PO5 PO5 PO5 PO5 PO5	ro SSESSEMNT CO2 100 100 0 0 LEVELS	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 100 0 FINAL CO ATTAINME NT 2.00	P07 STUDENTS LEVEL 2 30-59 CO4 100 100 0 CO4 100 100 0 CO TARGET 3	COS CORRELAT SCORING TH LEVEL 3 60-89 COS 100 0 TARGET ACHIEVED ? No	ION HE TARGET N % OF STUD	IARKS IARKS IARKS WEIGHTAGE CA ALWAYS I ALWAYS I ALWAYS I IARWAYS I	ODERATE W O CORRELATION TARGET MARKS TARGET MARKS TO N BE DECIDED AS PER SUBJECT ENSURE THE TOTAL IS 100 % ENSURE THE TOTAL IS 100 % ENSURE THE TOTAL IS 100 %			
0 3 2 2 0 Pot Pot Pot Pot Pot Pot Pot Pot	PO3 PO4 PO3 PO4 CO2 CO2 CO2 PO3 CO2 CO2 PO3 CO2 CO2 PO4 PO3 CO2 CO2 CO2 CO2 CO2 CO2 CO2 CO2	POS POS POS POS POS POS POS POS	MENT LEVEL TO SSESSEMNT CO2 100 0 100 0 100 0 100 0 100 0 100 100	S W.R.T % OF LEVEL 1 10-29 TOOLS CO3 100 100 0 FINAL CO ATTAINME NT	P07  STUDENTS  LEVEL 2  30-59  CO4 100 100 0  CO TARGET	COS COS 100 7 COS	ION HE TARGET N % OF STUD	MC LARKS IARKS INTS ACHIEVE THE TARGET WEIGHTAGE CA ALWAYS I ALWAYS I ALWAYS I ALWAYS I I ALWAYS I	ODERATE OV O CORRELATION TARGET MARKS TO N BE DECIDED AS PER SUBJECT ENSURE THE TOTAL IS 100 % ENSURE THE TOTAL IS 100 %			



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

	COURSE OUTCOME A	TTAINMENT	LEVELS				
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	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.
							· ·
-							





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# KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES Affiliated to University of Mumbai

PROGRAM	FIFTH YEAR I	B-ARCH						
ACADEMIC	2019-2020							
YEAR SEMESTER	2019-2020 SEM 10							
EXAMINATION		ternal) + Exterr	nal (Jurv)					
COURSE NAME (AS PER MU)		Representation						
COURSE CODE (AS PER MU)	BARC1007		-					
			0000	Monning				
			COPU	Mapping				
CO. No	P01	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 Att	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	со	CORRECTIV	E MEASURE	s
CO1	proportionate are able to vis material objec usage and cor Analysis of bu perspective; cl building eleme materials used the various ele construction o behaviour of th	ilding systems i sizes of the cor ualise their con ts subjected to istructional pos ilt form from str limatic factors a ents response to d in making the ements; visualis n site; and antion he structure over s the core scopp dagogy.	nponents and icepts as natural forces, ssibilities. uctural and the o it; the built form and sing process of cipating er its expected	2.55				
CO2				2.40	In person eng	jagement re	quired	
		to develop and ound technical						
CO3				2.30	In person eng	agement re	quired	
	studies, standa guidelines, har required while design probler standards, the	appropriate reso ards, technical ndbooks, codes arriving at solu ns. In absence y are able to cu g their core idea	literature, s, etc.) as itions to the of suitable ustom design					
CO4	The total		1	2.70				
CO5	craftsmanship inculcate a pra	empathy toward and they thema actice of doing " opportunity is a	selves 'hands-on"	2.50				
			Course-level	PO Attainmen	ts			
PO1 Attainmen	t		2.49		PO5 Attainm	ent		2.49
PO2 Attainmen			2.49		PO6 Attainm			2.49
PO3 Attainmen	t		2.49		PO7 Attainm	ent		2.49
PO4 Attainmen	t		2.49		PO8 Attainm	ent		2.49



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

Affiliated to University of Mumbai

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES													
			BA	CHELORS OF	ARCHITECT	JRE							
		COUF	RSE OUTCON	IE AND PRO	GRAM OUTCO	ME ASSESS	MENT						
				COURSE	DETAILS								
PROGRAM					FIF	TH YEAR B-A	RCH						
ACADEMIC YEAR						2019-2020							
SEMESTER					0	SEM 10							
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Ex	n & Detailing 8						
COURSE NAME (AS PER MU)					Architectural	BARC1007	n & Detailing 8						
FACULTY					San	hya,Jimmy, Ki	imava						
FACULTY INCHARGE		Kimaya											
TOTAL MARKS		200											
		200											
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)												
CO1	of the components and a	COURSE OUTCOME     RBT (REVISED BLOOMS TAXONOMY)       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	response to it; the materials process of construction on	Analysis of built form from structural perspective; climatic factors and the building elements esponse to it; the materials used in making the built form and the various elements; visualising rocess of construction on site; and anticipating behaviour of the structure over its expected life											
CO3		span forms the core scope of technology pedagogy.         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.												
CO5	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)												
		MADD		RSE OUTCOM			OMES						
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		-	2	3			2.65				
C02	3	3	3	2	2		3	3	2.75				
C04	3	3	3	3	2	3	3	3	2.88				
C04	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	2.00				
Conclusion and Resolution		2.00						o substantial resolu	ition				
			CO	RRELATION I	EVELS FOR	POS							
1						SLIGHT (LOW	0						
						-							
2					MOL	DERATE (MEC	DIUM)						
3					SUS	BTANTIAL (H	IGH)						
0					NC	CORRELATI	ON						
0					- NC	OUNILLAII							
3	CO PO MAPPIN	G	· · · · · · · · · <u>· · · · ·</u>										
3SUBSTANTIAL													
0 <u>P01</u> P02	1       -												



		DEFI	NED ATTAINM	MENT LEVEL	S W.R.T % OF	STUDENTS	SCORING TH	E TARGET MARKS	
TOOLS					LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS
SEE		IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	70
INTERNAL MARK	s	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEVE THE TARGET	60
	PERCE	NTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			1	
COUF	RSE OUTCOM	IES	CO1	CO2	CO3	CO4	CO5	WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT
NTERNAL MARKS			55	40	30	70	50		
EE			45	60	70	30	50	ALWAYS EN	ISURE THE TOTAL IS 100 %
IRECT METHOD			100	100	100	100	100		
OURSE EXIT FEEDBACK	SURVEY		0	0	0	0	0	ALWAYS EN	ISURE THE TOTAL IS 100 %
		COURSE OUTCOME A							
CO N0		ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Corrective Measures	
C01		3	2	-	2.55	2.5	Yes		
CO2		3	2	-	2.40	2.5	No	In perso	n engagement required
CO3		3	2	-	2.30	2.5	No		n engagement required
CO4		3	2	-	2.70	2.5	Yes	1	
CO5		3	2	-	2.50	2.5	Yes	1	
FINAL CO ATTAINMENT CEFB SEE					ATTAINTMENT				
ASSESSMENT (INTERNAL)		1.		CO1 CO2	CO3 CC	2 204 CO5		2.5	3



PROGRAM	FIFTH YEAR E	B-ARCH						
ACADEMIC YEAR	2019-2020							
SEMESTER	SEM 10							
EXAMINATION SCHEME	Only Sessiona	lls (Internal)						
COURSE NAME (AS PER MU)	Advanced Buil	ding Construct	ion and Service					
COURSE CODE (AS PER MU)	BARC1012							
			СОРО	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 Att	ainments				
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	cc	CORRECTIV	/E MEASURE	S
CO1		esis projects an nterventions to		3.00				
CO2	To create anal studies based lectures and re	ytical physical on the learning elate them.	models and as of the	3.00				
CO3	To understand large scale pro MEP, ecology,	the technical a bjects including systems, etc	aspects of infrastructure,	3.00			1	
			Course-level	PO Attainmer	nts			
PO1 Attainment			3.00		PO5 Attainn	nent		3.00
PO2 Attainment			3.00		PO6 Attainn	nent		3.00
PO3 Attainment			3.00		PO7 Attainn	nent		3.00
PO4 Attainment			3.00		PO8 Attainn	nent		3.00



	USM'S KAM	LA RAHEJA \	VIDYANIDHI II	NSTITUTE FO	R ARCHITEC	TURE AND EN	VIRONMENTA	L STUDIES				
			BA	CHELORS OF	ARCHITECT	URE						
		COUI	RSE OUTCOM	ME AND PROC	GRAM OUTCO	OME ASSESSI	MENT					
PROGRAM				COURSE	DETAILS	TH YEAR B-AF	рсн					
ACADEMIC YEAR					FIF	2019-2020	КСП					
SEMESTER EXAMINATION SCHEME					Only	SEM 10 Sessionals (Int	ternal)					
COURSE NAME (AS PER MU)				A			on and Services	3				
COURSE CODE (AS PER MU) FACULTY					Vikrom D	BARC1012 evesh, Raj, Kin	nova Minal					
FACULTY INCHARGE					Vikialii, De	Vikram	naya, winai					
TOTAL MARKS	100											
CO. No.	COURSE OUTCOME RBT (REVISED BLOOMS TAXONOMY)											
C01	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 s	studies based them.	on the learning	is of the lectur	res and relate		L6 - Create (P	roduce new or original work)			
CO3	To understand the tech		of large scale   plogy, systems		ng infrastructu	ure, MEP,		L2 - Understar	nd (Explain ideas or concepts)			
CO. No	PO1	PO2	PING OF COU PO3	PO4	PO5	PO6	OMES PO7	PO8	CO AVERAGE			
CO1	2	2	2	1	0	3	3	3	2.29			
CO2 CO3	2 2	2	2	0	3	2	2	1	2.00 1.88			
PO AVERAGE	2.00	2.00	2.00	1.00	3.00	2.33	2.33	1.67				
Conclusion and Resolution					Courses car	n be updated f	or efficiency.					
			со	RRELATION L	EVELS FOR	POS						
1						SLIGHT (LOW	)					
2						DERATE (MED						
3						SBTANTIAL (H						
0												
2												
P01 P02	P03 P04				P07							
TOOLS	DEFI			S W.R.T % OF	STUDENTS	LEVEL 3	E TARGET MAR	113	TARGET MARKS			
INTERNAL MARKS	IF GREATER THA	N OR EQUAL T	0	10-29	30-59	60-89	% OF STUDEN TA	ITS ACHIEVE THE	62			
	ENTAGE WEIGHTAGE SET				1							
COURSE OUTCO	DMES	CO1 100	CO2 100	CO3	CO4 100	CO5 100			N BE DECIDED AS PER SUBJECT NSURE THE TOTAL IS 100 %			
RECT METHOD		100	100	100	100	100			NSURE THE TOTAL IS 100 %			
URSE EXIT FEEDBACK SURVEY		0	0	0	0	0		ALMATS EI	SOLL THE FOREIG TO /			
	COURSE OUTCOME A	SEE	LEVELS CEFB	FINAL CO ATTAINME	CO TARGET	TARGET ACHIEVED	CO Corrective	Measures				
CO NO	(INTERNAL)					?						
CO NO CO1	(INTERNAL) 3		-	NT 3.00	2	Yes		Ac	hieved as planned			
			- - -		2 2 2			Ac	hieved as planned hieved as planned hieved as planned			



	COURSE OUTCOME	ATTAINMENT	LEVELS						
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	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	
_									
FINAL CO ATTAINMENT									
CEFB									
SEE									
_			_						
SESSMENT (INTERNAL)									
1	1	.5			2-		2.5	3	
			📕 CO1	📕 CO2 🔳 CC	3				



PROGRAM

ACADEMIC YEAR

SEMESTER

SCHEME

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

FIFTH YEAR B-ARCH 2019-2020 SEM 10 EXAMINATION Only Sessionals (Internal) COURSE NAME Architectural Theory 4 (AS PER MU) COURSE CODE **BARC1009** (AS PER MU)

#### **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 Att	ainments		
CO. No	CO STATEMENTS	FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES	6
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 d	iscssions
CO3	To evaluate history of important ideas and their relationships to contemporary ideas and phenomena that shaped the world.	2.00		
	· · · · ·			
	Course-level	PO Attainmen	ts	
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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# USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES

Affiliated to University of Mumbai

USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES											
			BA	CHELORS O	F ARCHITECT	URE					
		COUR	RSE OUTCO		GRAM OUTCO	OME ASSESS	MENT				
PROGRAM				COURSI	E DETAILS	TH YEAR B-A					
ACADEMIC YEAR					FIF	2019-2020	inch .				
SEMESTER						SEM 10					
EXAMINATION SCHEME					Only	Sessionals (Ir	nternal)				
COURSE NAME (AS PER MU)						hitectural The					
COURSE CODE (AS PER MU)					AIC	BARC1009					
FACULTY					Kaiwan M	ehta /Amisha					
FACULTY INCHARGE											
TOTAL MARKS	Amisha Thanawala 50										
CO. No.	To understand and area		IRSE OUTO		ille of critical thi	nking that	RBT	REVIS	ED BLOOMS TAXONOMY)		
CO1	To understand and creat employed comparative (acreated)	oss mediums,	across object method.	s) and analytic	cal (through a c	lose reading)	L2 - U	ndersta	nd (Explain ideas or concepts)		
CO2	To create skills of reading of and mediums across hi						L6 - C	reate (I	Produce new or original work)		
CO3	To evaluate history of i	mportant ideas phenomer	s and their rel	ationships to c d the world.	contemporary id	leas and	L5 - I	Evaluat	e (Justify a stand or decision)		
					MES AND PRO						
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	P07 P03	3	CO AVERAGE		
C01	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 2.0	)			
Conclusion and Resolution The course helps students to achieve medium correlation levels to understand the ideas that shaped the world											
					LEVELS FOR	POS					
							10				
1						SLIGHT (LOV					
2	MODERATE (MEDIUM)										
3	SUSBTANTIAL (HIGH)										
0	NO CORRELATION										
	CO PO MAPPIN	٩G									
3 SUBSTANTIAL								SSTANTIAL			
					MODERATE						
0 P01 P02 P03 P04 P05 P06 P07 NO CORRELATION											
	📕 CO1 📕 CO2	CO3									
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 TH	AN OR EQUAL T	0	10-29	30-59	60-89	% OF STUDENTS ACHIEV TARGET	E THE	36.5		
PERC	ENTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS			1				
COURSE OUTCO		C01	CO2	CO3	CO4	CO5	WEIGHTA	GE CA	N BE DECIDED AS PER SUBJECT		
ITERNAL MARKS		100	100	100	100	100	AL	WAYS E	INSURE THE TOTAL IS 100 %		
IRECT METHOD		100	100	100	100	100		WAVE	INSURE THE TOTAL IS 100 %		
OURSE EXIT FEEDBACK SURVEY		0	0	0	0	0					



COURSE OUTCOME ATTAINMENT LEVELS													
CO NO	(INTERNAL) NT TARGET ?												
CO1	2		-	2.00	2	Yes							
CO2	2 - 2.00 3 No To include more in class reading and discssion												
CO3	2 - 2.00 2 Yes												
CO ATTAINTMENT													
FINAL CO ATTAINMENT													
CEFB													
SEE													
ASSESSMENT (INTERNAL)													
1	1.2	5			1.5		1.75 2						
			CO1	📕 CO2 🔳 CO	03								



PROGRAM	FIFTH YEAR	B-ARCH							
ACADEMIC YEAR	2019-2020								
SEMESTER	SEM 10								
EXAMINATION SCHEME	Only Sessiona	als (Internal)							
COURSE NAME (AS PER MU)	Professional F	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	
	1		CO Att	ainments					
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT					
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 in creation of a the city		2.00	Need to work better in groups					
CO3	To analyse eth practices to co society, fellow profession itse	ontribute resp professionals		2.00	Need to understand how to situate themselves i				
			Course-level	PO Attainme					
PO1 Attainmen			2.00		PO5 Attainment			2.00	
PO2 Attainmen			2.00		PO6 Attainment			2.00	
PO3 Attainmen			2.00		PO7 Attainment			2.00	
PO4 Attainmen	t		2.00		PO8 Attainment				



USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES										
BACHELORS OF ARCHITECTURE										
COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT										
DECORAM				COURSE	DETAILS					
PROGRAM ACADEMIC YEAR					FIF	TH YEAR B-A 2019-2020	RCH			
SEMESTER						SEM 10				
EXAMINATION SCHEME						Sessionals (Ir				
COURSE NAME (AS PER MU)					Profe	ssional Practi	ce 3			
COURSE CODE (AS PER MU) FACULTY					Mamta Datus	BARC1010	anu Khandka			
FACULTY INCHARGE						amta Patward				
TOTAL MARKS						50				
-										
CO. No.		COU	IRSE OUTC	OME				RBT (REVISI	ED BLOOMS TAXONOMY)	
CO1	To evaluate the role of go		titutions and b stock in the cit		ng the afforda	ble housing		L5 - Evaluate (	Justify a stand or decision)	
CO2	To understand the role th	at practices p	o <b>l</b> ay in creation	n of affordable	housing stock	< in the city		L2 - Understand	(Explain ideas or concepts)	
CO3	To analyse ethical positi fellov			o contribute re he profession		he society,		L4 - Analyse (Dra	w connections among ideas)	
		MADD		RSE OUTCOM			CONFO			
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO AVERAGE	
C01	2	1	2	1	3	2	2	2	1.88	
CO2	3	1	2	1	3	2	2	3	2.13	
CO3 PO AVERAGE	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 modes of contemporary practices and understand the ethical positions taken by them.									
CORRELATION LEVELS FOR POS										
1					5	SLIGHT (LOV	V)			
2		MODERATE (MEDIUM)								
3	SUSBTANTIAL (HIGH)									
0	NO CORRELATION									
3 2 1 0 PO1 PO2	CO PO MAPPING SUBSTANTIAL MODERATE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
TOOLS	DEFIN	ED ATTAINN	MENT LEVELS	S W.R.T % OF	STUDENTS	SCORING TH	IE TARGET N	IARKS	TARGET MARKS	
INTERNAL MARKS	IF GREATER THA	N OR EQUAL 1	го	10-29	30-59	60-89	% OF STUD	INTS ACHIEVE THE		
INTERNAL MARKS IF GREATER THAN OR EQUAL TO 10-29 30-59 60-89 % OF STUDENTS ACHIEVE THE 35									35	
DEDOS	NTAGE WEIGHTAGE SET		SECCEMENT				1			
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5		WEIGHTAGE CAN	BE DECIDED AS PER SUBJECT	
INTERNAL MARKS		100	100	100	100	100			ISURE THE TOTAL IS 100 %	
DIRECT METHOD		100	100	100	100	100		ALWAYS EN	ISURE THE TOTAL IS 100 %	
COURSE EXIT FEEDBACK SURVEY		0	0	0	0	0				
	COURSE OUTCOME A		LEVELS							
CO N0	ASSESSMENT (INTERNAL)	SEE	CEFB	FINAL CO ATTAINME NT	CO TARGET	TARGET ACHIEVED ?	CO Correcti	ve Measures		
C01	2		-	2.00	2.5	? No	Need to un		f examining practices for their technical and cal positions taken	
CO2	2		•	2.00	2.5	No		Need to	work better in groups	
CO3	2		-	2.00	2.5	No	Need to und	erstand how to site	late themselves in the contemporary realm of practice	

BARC 1010



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CO NO (INTERNAL) SEE CEFB ATTAINME TARGET ?	COURSE OUTCOME ATTAINMENT LEVELS											
COI     2     .     2.00     2.3     No     Read to understand how to situate themselves in the contemporary practice       CO3     2     .     2.00     2.5     No     Need to understand how to situate themselves in the contemporary practice       CO ATTAINTMENT	CONU (INTEDNAL) SEE CEFB ATTAINME TADGET							ACHIEVED	CO Corrective Measures			
CO3     2     2.00     2.5     No     Need to understand how to situate themselves in the contemporary practice						Need to understand the role of examining practices for their technical and ethical positions taken						
COS 2 . 2.00 2.3 NO practice	CO2		2									
FINAL CO ATTAINMENT  FINAL CO ATTAINMENT  CEFB  A  A  A  A  A  A  A  A  A  A  A  A  A	CO3		2		-	2.00	2.5	No				
FINAL CO ATTAINMENT FINAL CO ATTAINMENT FINAL CO ATTAINMENT												
CEFB AND	CO ATTAINTMENT											
CEF8 SEE												
SEE	FINAL CO ATTAINMENT											
SEE					_	_		_				
	CEFB											
ASSESSMENT (INTERNAL)	SEE											
ASSESSMENT (INTERNAL)												
	ASSESSMENT (INTERNAL)											
1 1.25 1.5 1.75 2		1	1	.25			1.5		1.75 2			
					<b>C</b> 01							



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## 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 10								
EXAMINATION SCHEME	Sessionals (In	ternal) + Exter	nal (Jury)						
COURSE NAME (AS PER MU)	Design Disser	tation 2							
COURSE CODE (AS PER MU)	BARD 1011								
			СОРО	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 Att	ainments					
CO. No	CO STATEMEN	ITS		FINAL CO ATTAINMENT	CO CORRECTIVE MEASURES				
CO1	Develop analy strategies to c ecologically re	reate a socially	y and	2.45					
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 an structural reso Learn to comb systematic/me various stages design proces informed desig	2.50				<u>,</u>			
CO4	Develop graph presentation s design propos	2.70		1					
			Course-level	PO Attainmer	nte				
PO1 Attainmen	t		2.47		PO5 Attainn	nent		2.40	
PO1 Attainmen			2.47		PO5 Attainment				
PO2 Attainmen			2.47		PO7 Attainment				
PO3 Attainmen			2.40						
	•		2.43		· · · · Attainin			2.52	



	USM'S KAML	A RAHEJA V	IDYANIDHI IN	ISTITUTE FO	R ARCHITEC	TURE AND E	NVIRONMENTAL STUDIES			
			BAG	CHELORS OF	ARCHITECT	URE				
		COUR				OME ASSESS	MENT			
PROGRAM	COURSE DETAILS FIFTH YEAR B-ARCH									
ACADEMIC YEAR						2019-2020				
SEMESTER					0 1 1	SEM 10				
EXAMINATION SCHEME COURSE NAME (AS PER MU)						(Internal) + Ex gn Dissertation				
COURSE CODE (AS PER MU)					Des	BARD 1011	112			
· · · · · · · · · · · · · · · · · · ·		P	aul, Vandana	, Rohan, Pink	ish, Ainsley, M		d, Kimaya, Ginella, George,	Sonal, Shirish,		
FACULTY		Paul, Vandana, Rohan, Pinkish, Ainsley, Manoj, Jamshed, Kimaya, Ginella, George, Sonal, Shirish, Advait, Kalpit, Mayuri, Shraddha, Shweta, Nikhil, Nemish, Apurva								
FACULTY INCHARGE TOTAL MARKS		Ginella 400								
CO. No.	400 RBT (REVISED BLOOMS TAXONOMY)									
CO1	Develop analytical skills				cocially and a			(Draw connections among ideas)		
		respo	onsive archite	cture.						
CO2	Ability to respond to site c historical fabric, soil, topog	raphy, ecolog		d building orie			L6 - Creat	e (Produce new or original work)		
	Understa	ind and devel	op tectonic an	d structural re	solution.					
CO3	Learn to combine the sys analysis in the de						L6 - Creat	e (Produce new or original work)		
CO4	Develop graphical repr	resentation ar	id presentation proposal.	n skills to exp	ain architectu	re design	L6 - Creat	e (Produce new or original work)		
		MADD		RSE OUTCOM		OGRAM OUT	COMES			
CO. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7 PO8	CO AVERAGE		
C01	3	3	2	2	0	2	2 2	2.29		
C02	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.										
			COF	RELATION I	EVELS FOR	POS				
1		SLIGHT (LOW)								
2	MODERATE (MEDIUM)									
3	SUSBTANTIAL (HIGH)									
0	NO CORRELATION									
	CO PO MAPPIN	IG								
2	3 SUBSTANTIAL									
·	Low									
0 P01 P02 P03 P04 P05 P06 P07 NO CORRELATION										
	CO1 CO2 CC	3 <mark>CO4</mark>								
	DEEIN				STUDENTS	SCORING TH	E TARGET MARKS			
TOOLS	DEFIN	LEVEL 1	LEVEL 2	LEVEL 3		TARGET MARKS				
SEE	IF GREATER THAN OR EQUAL TO			10-29	30-59	60-89	% OF STUDENTS ACHIEVE 1			
INTERNAL MARKS	IF GREATER THA	N OR EQUAL 1	TO	10-29	30-59	60-89	TARGET	140		
							TARGET	ne 140		
PERCE	NTAGE WEIGHTAGE SET	FOR THE AS	SESSEMNT	TOOLS						
COURSE OUTCO		CO1	CO2	CO3	CO4	CO5	WEIGHTAGE	CAN BE DECIDED AS PER SUBJECT		
ERNAL MARKS		45	40	50	70	50		YS ENSURE THE TOTAL IS 100 %		
E		55	60	50	30	50	ALWA			
RECT METHOD DURSE EXIT FEEDBACK SURVEY		100 0	100 0	100 0	100 0	100 0	ALWAYS ENSURE THE TOTAL IS 100 %			



