

# Proposed Draft Structure for CBCS-2020 For Bachelor of Architecture (B. Arch) Programme (Semester I - X)

To be implemented from Academic Year 2020-21

Bharati Vidyapeeth (Deemed to be University)

College of Architecture, Pune

#### **VISION AND MISSION**

#### VISION OF BV (DU) UNIVERSITY

"To be a world class University for Social Transformation through Dynamic Education"

#### MISSION OF BV (DU) UNIVERSITY

- To provide quality technical education with advanced equipment, qualified faculty members, infrastructure to meet needs of profession and society.
- To provide an environment conductive to innovation, research and entrepreneurial leadership.
- To practice and promote professional ethics, transparency, and accountability for social community, economic and environmental conditions.

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#### VISION OF BV (DU) COLLEGE OF ARCHITECTURE PUNE

"Inculcate Sensitivity towards Sustainable Built Environment through Architectural Education"

#### MISSION OF BV (DU) COLLEGE OF ARCHITECTURE PUNE

The institution shall strive

- To inculcate knowledge, skills, values and ethics to create 'socially responsible',
   'environmentally sensitive', 'economically conscious', architectural professionals.
- To promote innovations and research for sustainable built environment.

#### PROGRAMME: BACHELOR OF ARCHITECTURE (B.ARCH)

#### **Programme objectives:**

- To develop creative, capable, future ready architectural professionals.
- To create responsible and dedicated individuals who are intellectually mature, emotionally sensitive and self motivated towards sustainable built environment.
- To orient courses and course content in order to develop holistic learners, for taking up challenging responsibilities in the respective field.
- To offer courses which help the graduates to emerge as competent professionals fully aware of their commitment to the society and nation.

#### **Programme Outcomes:**

The graduates will be able to:

- Imbibe the fundamental knowledge of built environment.
- Identify and analyze current architectural issues.
- Create and envision built environment responding to physical, social, cultural, economical and environmental context.
- Communicate effectively in verbal, written and graphical form.
- Use modern architectural tools, technology and software for analysis, design and construction.
- Imbibe ethics and values as learners and professionals.
- Develop research ability and promote experiential learning.
- Function effectively as individual; work cooperatively and responsibly as team.
- Encourage interdisciplinary learning.
- Prepare for professional, societal and environmental challenges.
- Promote managerial, entrepreneur and leadership qualities in profession.

# Proposed Draft Structure for CBCS-2020 For Bachelor of Architecture (B. Arch) Programme

To be implemented from Academic Year 2020-21

# **Structure & Examination Pattern of First Year B.Arch**

Semester-I						Total	l Duratio	n-30 h	rs/We	ek	
						Total	Credits	-28			
Subject	Subject	Те	aching	g Sch	eme	Exan	nination S	Scheme	(Mark	(s)	Credits
code		(in	hours	/wee	k)						
		L	SP	W	Total	IA	UE			Total	Total
							Paper	SO	SS		
KHMU11	Architectural Design-I	2	4		6	40		60		100	8
KHMU12	Building Construction and Material-I	1	2	2	5	40		60		100	5
KHMU13	Theory of Structures-I	2	0	0	2	40			60	100	2
KHMU14	History of Architecture – I	1	0	2	3	40	60			100	2
KHMU15	Architecture Drawings and Graphics-I	1	1	3	5	40	60			100	4
KHMU16	Workshop	1	0	2	3	100				100	2
KHMU17	Basic Design -I	1	1	1	3	40		60		100	3
KHMU18	Elective I	1	0	2	3	100				100	2
	Total				30	440	120	180	60	800	28

Notations: L-Lectures, SP-Studio project, W-Workshop/Studio Exercises IA: Internal Assessment; UE: University Examination ,SS-Sessional ,SO -Sessional Oral

Semester-II						Total Duration-30 hrs/Week							
						Total	l Credits	-28					
Subject code	Subject		aching hours			Exan	nination S	Scheme	(Mar	ks)	Credits		
		L	SP	W	Total	IA	UE			Total	Total		
							Paper	SO	SS				
KHMU21	Architectural Design-II	2	4	0	6	40		60		100	8		
KHMU22	Building Construction and Material-II	1	2	2	5	40		60		100	5		
KHMU23	Theory of Structures-II	2	0	0	2	40			60	100	2		
KHMU24	History of Architecture – II	1	0	2	3	40	60			100	2		
KHMU25	Architecture Drawings and Graphics-II	1	1	3	5	40	60			100	4		
KHMU26	Climatology	1	0	2	3	40			60	100	2		
KHMU27	Basic design-II	1	1	1	3	40		60		100	3		
KHMU28	Elective II	1	0	2	3	100				100	2		
	Total				30	380	120	180	120	800	28		
	Audit Course		•			•		•	•	•	•		

### Structure & Examination Pattern of Second Year B.Arch

Semester-I	П					Total Duration-30 hrs/Week								
						Total	Credits	-28						
Subject code	Subject		aching ours/v			Exam (Marl	ination S	Scheme	;		Credits			
		L	SP	W	Total	IA		UE		Total	Total			
							Paper	SO	SS					
KHMU31	Architectural Design - III	2	4	0	6	40		60		100	8			
KHMU32	Building Construction and Material-III	1	2	2	5	40		60		100	5			
KHMU33	Theory of structures-	2	0	0	2	40	60			100	2			
KHMU34	History of Architecture-III	1	0	2	3	40		60		100	2			
KHMU35	Architecture Drawings and Graphics-III	1	0	4	5	40		60		100	3			
KHMU36	Building services-I	1	0	2	3	40	60			100	2			
KHMU37	Professional Skill-I (Computer Skill)	1	1	1	3	100				100	3			
KHMU38	Elective-III	1	1	1	3	100				100	3			
	Total				30	440	120	240	Nil	800	28			

Notations: L-Lectures, SP-Studio project, W-Workshop/Studio Exercises

IA: Internal Assessment; UE: University Examination ,SS-Sessional ,SO -Sessional Oral

Semester-I	V						Duratio		rs/We	ek	
						Total	Credits	-28			
Subject code	Subject		aching urs/we		eme (in	Exam (Marl	ination S	Scheme	;		Credits
		L	SP	W	Total	IA		UE	Total	Total	
					Paper SO SS						
KHMU41	Architectural Design-IV	2	4	0	6	40		60		100	8
KHMU42	Building Construction and Material-IV	1	2	2	5	40		60		100	5
KHMU43	Theory of Structures-IV	2	0	0	2	40	60			100	2
KHMU44	History of Architecture-IV	1	0	2	3	40		60		100	2
KHMU45	Surveying and Levelling	1	0	4	5	40			60	100	3
KHMU46	Building Services-II	1	0	2	3	40	60			100	2
KHMU47	Professional Skill-II (Computer Skill)	1	1	1	3	100				100	3
KHMU48	Elective-IV	1	1	1	3	100				100	3
	Total				30	440	120	180	60	800	28
	Audit Course										

# Structure & Examination Pattern of Third Year B.Arch

Semester-V						Total Duration-30 hrs/Week							
						Total	Credits	-28					
Subject code	Subject		ching rs/wee		me (in	Exam (Mar	nination (	Schem	e		Credits		
		L	SP	W	Total	IA	UE			Total	Total		
							Paper	SO	SS	-			
KHMU51	Architectural Design-V	1	5	1	7	40		60		100	9		
KHMU52	Building Construction and Material-V	1	2	2	5	40	60			100	5		
KHMU53	Theory of Structures-V	2	0	0	2	40			60	100	2		
KHMU54	Specification Writing	1	0	2	3	40	60			100	2		
KHMU55	Landscape Architecture -I	1	0	2	3	40		60		100	2		
KHMU56	Building Services-III	1	0	2	3	40			60	100	2		
KHMU57	Professional Skill-III (Tech. Drawings)	2	0	2	4	40		60		100	3		
KHMU58	Elective-V	1	1	1	3	100				100	3		
	Total				30	380	120	180	120	800	28		

Notations: L-Lectures, SP-Studio project, W-Workshop/Studio Exercises

IA: Internal Assessment; UE: University Examination ,SS-Sessional ,SO -Sessional Oral

Semester-V	I					Total	l Duratio	n-30 h	rs/We	ek	
						Total	l Credits	-28			
Subject code	Subject		ching rs/wee		me (in	Exan (Mar	nination S ks)	Schem	е		Credits
		L	SP	W	Total	IA	UE			Total	Total
							Paper	SO	SS		
KHMU61	Architectural Design- VI	1	5	1	7	40		60		100	9
KHMU62	Building Construction and Material-VI	1	2	2	5	40	60			100	5
KHMU63	Theory of Structures-VI	2	0	0	2	40			60	100	2
KHMU64	Estimation and Costing	1	0	2	3	40	60			100	2
KHMU65	Landscape Architecture II	1	0	2	3	40		60		100	2
KHMU66	Building Services-IV	1	0	2	3	40			60	100	2
KHMU67	Professional skill-IV (Tech. Drawings)	2	0	2	4	40		60		100	3
KHMU68	Elective-VI	1	1	1	3	100				100	3
	Total				30	380	120	180	120	800	28
	Audit Course							1			1

#### Structure & Examination Pattern of Fourth Year B.Arch

Semester-V	II					Total Duration-30 hrs/Week								
						Total	Credi	ts -28						
Subject code	Subject		aching ars/we		me (in	Exam (Marl		Schen	ne		Credits			
		L	SP	W	Total	IA	UE			Total	Total			
							Pap er	SO	SS					
KHMU71	Architectural Design- VII	2	5	1	8	40		60		100	10			
KHMU72	Interior Design	1		4	5	40		60		100	3			
KHMU73	Urban Planning	1	0	2	3	40		60		100	2			
KHMU74	Research in Architecture	1	1	1	3	40			60	100	3			
KHMU75	Professional Skill-V	1	0	2	3	40		60		100	2			
KHMU76	Elective-VII	2	1	1	4	40			60	100	4			
KHMU77	Elective-VIII	2	1	1	4	40			60	100	4			
	Total				30	280	Nil	240	180	700	28			

Notations: L-Lectures, SP-Studio project, W-Workshop/Studio Exercises

IA: Internal Assessment; UE: University Examination ,SS-Sessional ,SO -Sessional Oral

Semester-	Semester-VIII							Total Credits -28						
Subject code	Subject		iching irs/we		eme (in	Exam (Marl	ination (	Schem	е		Credits			
		L	SP	W	Total	IA UE Tot al					Total			
							Paper	SO	SS					
KHMU81	Practical Training		6	28	34			100		100	23			
KHMU82	Self Study		2	4	6				100	100	5			
					40	Nil	Nil	100	100	200	28			

Note 1: For practical training, a student is expected to work for standard office timings i.e. @7 hours per day. Student has to undergo minimum15-18 weeks (90 work days) of training per semester.

Note 2: The work from practical training will be assessed after the student completes the internship in this semester.

Note 3: Validity of training shall be only for a year after completion of training.

# **Structure & Examination Pattern of Fifth Year B.Arch**

Semester-IX	K					Total Duration-30 hrs/Week							
						Tota	l Credits	-28					
Subject code	Subject		ching rs/we		me (in	Exan (Mar		Credits					
		L	SP	W	Total	IA	UE	Total					
							Paper	SO	SS				
KHMU91	Advanced Architectural Design (Context Studio)	2	6	2	10	40		60		100	12		
KHMU92	Capstone Project	1		4	5	40		60		100	3		
KHMU93	Research Project	2		2	4	40			60	100	3		
KHMU94	Professional Practice	1		2	3	40			60	100	2		
KHMU95	Elective-IX	2	1	1	4	40		60		100	4		
KHMU96	Elective-X	2	1	1	4	40		60		100	4		
	Total				30	240	Nil	240	120	600	28		

Notations: L-Lectures, SP-Studio project, W-Workshop/Studio Exercises

IA: Internal Assessment; UE: University Examination ,SS-Sessional ,SO -Sessional Oral

Semester-X						Tota	l Duratio	on-30 ł	ırs/We	ek	
						Tota	l Credits	-28			
Subject code	Subject		ching rs/we		me (in	Exan (Mar	nination ks)	Schem	e		Credits
	L	SP	W	Total	IA	UE Total					
							Paper	SO	SS		
KHMU101	Architectural Design Project	1	6	12	19	40		60		100	18
KHMU102	Seminar	1	0	2	3	100				100	2
KHMU103	Elective-XI	2	1	1	4	40		60		100	4
KHMU104	Elective-XII	2	1	1	4	40		60		100	4
KHMU105	Total				30	220	Nil	180	Nil	400	28