

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI.**



Scheme of Teaching and Examinations and Syllabus  
**M.Arch-HABITAT DESIGN**  
(Effective from the academic year 2022-23)

**AS PER COA:**

PCC: Professional Core Courses: 50-55%

PSC: Professional supporting Course 20-25%

PCE: Professional Core Elective 15-20%

PAE: Professional Ability Enhancement:10%

OE: Open Elective: 2-5%

**NEP 2020 Principles:**

Main features:

1. Broad-based
2. Multi-disciplinary
3. Holistic Graduate education with a flexible curriculum
4. Creative combinations of subjects
5. Integration of vocational education
6. Self-learning process
7. Student-centric learning process rather than teaching

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examinations – 2022 - 23												
M.Arch (HABITAT DESIGN)												
Choice Based Credit System (CBCS) and Outcome Based Education(OBE)												
I SEMESTER												
Sl. No	Course	Course Code	Course Title	Teaching Hours per Week			Examination					Credits
				Theory	Practical/Studio	SDA	Duration of examination in hours	CIE Marks	SEE Marks		Total Marks	
				L	P	SDA			Theory	Viva /TW		
1	PCC	22HDC11	Habitat Design Studio I	02	08	00	--	50	-	50	100	10
2	PCC	22HDC12	Human Habitat: Studies and Design Thought	03	00	02	3	50	50	-	100	4
3	PCC	22HDC13	Planning Theory and Techniques	02	01	02	3	50	50	-	100	4
4	PSC	22HDS14	Sociology, Culture and Human Habitat	01	01	--	--	100	-	-	100	2
5	PSC	22HDS15	Advanced Theory of Design	02	01	--	--	100	-	-	100	3
6	MC	22HDC16	Research Methods & IPR	01	--	02	3	50	50	-	100	2
7	PEC	22HDE171	GIS 1	00	02	-	--	50	50	50	100	2
		22HDE172	Representation Techniques	00	02	--	--					
		22HDE173	Sustainable Urban Practices	01	01	--	--					
8	AUD	22AUD18	BOS Recommended online course	Classes and evaluation procedures are as per the policy of the online course providers								PP
<b>TOTAL</b>				<b>11</b>	<b>12</b>	<b>06</b>	<b>09</b>	<b>450</b>	<b>150</b>	<b>100</b>	<b>700</b>	<b>27</b>
<p><b>Note:</b> PCC: Professional Core Course, PSC: Professional Support Course, PEC: Professional Elective Course. AUD-Audit Course</p> <p>1L-1 Credit, 1P-1 Credit, and <b>SDA</b> –Skill Development Activities (hours include self-exploration, site visits, and workshops, 02hours =1 credit)</p> <p>1. <b>Studio:</b> Students and course instructor/s to be involved individually or in groups to interact to enhance learning and application skills. The students should interact with the construction industry (small, medium, and large), understand their problems or foresee what can be undertaken for study in the form of research/ case study testing projects, and for creative and innovative methods to solve the identified problem. Students will:</p> <ol style="list-style-type: none"> <li>Gain confidence in working along with construction industry professionals.</li> <li>Work on different software/s(tools)to simulate, analyze and authenticate the output to interpret and conclude.</li> <li>Handle advanced construction equipment and materials to enhance technical talent.</li> <li>Involve in case studies and field visits/fieldwork.</li> <li>Accustom with codes of standards to narrow the gap between academia and the construction industry.</li> </ol> <p>All activities should enhance student's abilities to employment and/or self-employment opportunities, management skills, Statistical analysis, fiscal expertise, etc.</p> <p>2. <b>Skill Development Activities:</b> They may be in the form of periodic site visits, guest conferences, and webinars and webinars, not a fixed slot in timetables.</p> <p>3. <b>Viva-voce:</b> The viva voce shall be conducted for a duration of 20 minutes (per student) for the subjects listed under viva voce for all the semesters.</p>												

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**  
**Scheme of Teaching and Examinations –2022 -23**  
**M.Arch - (HABITAT DESIGN)**  
**Choice Based Credit System (CBCS) and Outcome Based Education(OBE)**

**II SEMESTER**

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Duration in hours	Examination			Credits	
				Theory	Practical/ Studio	SDA		CIE Marks	SEE Marks			Total Marks
									Theor y	Viva /TW		
L	P	SDA										
1	PCC	22HDC21	Habitat Design Studio - II	2	8	--	--	50	-	50	100	10
2	PCC	22HDC22	Land Use Structure and Urban Morphology	3	-	02	03	50	50		100	4
3	PCC	22HDC23	Urban Transportation and Networks: Spatial Structure of Habitat System	2	1	00	03	50	50		100	3
4	PSC	22HDS24	Urban Development and Environmental Laws	1	1	02	03	50	50	-	100	3
5	PSC	22HDS25	Infrastructure Planning and Management	1	1	02	--	100	-	-	100	3
6	PSC	22HDS26	Urban Economics	1	1	--	--	100	-	-	100	2
7	PEC	22HDE271	Heritage Habitat: Conservation and Renewal	1	1		--	50		50	100	2
		22HDE272	GIS 2	1	1							
		22HDE273	Data Analytics	1	1							
		22HDE274	Urban Governance	2	--							
<b>TOTAL</b>				<b>10</b>	<b>12</b>	<b>06</b>	<b>09</b>	<b>450</b>	<b>150</b>	<b>100</b>	<b>700</b>	<b>27</b>

Note: PCC: Professional Core Course, PEC: Professional Elective Course.

**Note:**

**1. Technical Seminar:** CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department. Participation in the seminar by all postgraduate students of the program shall be mandatory.

The CIE marks awarded for Technical Seminar, shall be based on the evaluation of the Seminar Report, Presentation skill and performance in the Question and Answer session in the ratio of 50:25:25.

**2. Internship:** All the students shall have to undergo a mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination shall be conducted during III semesters and the prescribed internship credit shall be counted in the same semester The internship shall be considered as a head of passing and shall be considered for the award of degree. Those, who do take up/complete the internship shall be declared as fail in the internship course and have to complete the same during the subsequent University examination after satisfying the internship requirements.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examinations - 2022- 23												
<b>M.Arch- HABITAT DESIGN</b>												
Choice Based Credit System (CBCS) and Outcome Based Education(OBE)												
III SEMESTER												
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Examination					Credits
				Theory	P/S/INT	SDA	Duration in hours	CIE Marks	SEE Marks		Total Marks	
				L	P	SDA			Theory	TW/Viva		
1	PCC	22HDC31	Habitat Design Studio - III	2	8	--	-	50	-	50	100	10
2	PCC	22HDC32	Housing and Community: Policy, Finance and Public Private Participation	3	--	02	3	50	50	--	100	4
3	PCC	22HDC33	Ecology and Sustainable Habitat Systems	2	--	02	3	50	50	--	100	3
4	PSC	22HDS34	Project Planning, Analysis & Appraisal /Evaluation	1	1	-		100	--	--	100	2
5	PSC	22HDS35	Dissertation - I	1	-	2		100	--		100	2
6	PEC III	22HDE361	Real Estate Development and Finance	1	1	-	--	50	-	50	100	2
		22HDE362	Strategy Management and Implementation of Projects	1	1	--	--					
		22HDE363	Parametric Design	-	2	0	--					
		22HDE364	Disaster Management	1	1	-	--					
		22HDE365	Environmental Planning Systems	1	1	-	--					
7	INT	22HDE37	(Completed during intervening vocation of the II and III semesters.)06 weeks duration				06 weeks	50	-	50	100	3
8	AUD	22HDEOE	BOS Recommended online course	Classes and evaluation procedures are as per the policy of the online course providers								PP
<b>TOTAL</b>				<b>10</b>	<b>10</b>	<b>6</b>	<b>06</b>	<b>450</b>	<b>100</b>	<b>150</b>	<b>700</b>	<b>26</b>
Note: PCC: Professional Core Courses, PEC: Professional Elective Course. INT-Internship, PSC Professional Supportive Course, AUD- Audit Course, PP-Passing is mandatory.												
<b>Open Elective:</b> Open elective to be chosen by students based on their interest pertaining to CPM from Swayam/Mooc/Coursera etc, permission for pursuing these courses to be sought from the school. (Minimum of 12 weeks course)												

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI											
Scheme of Teaching and Examinations – 2022 – 23											
<b>M.Arch- HABITAT DESIGN</b>											
Choice Based Credit System (CBCS) and Outcome Based Education(OBE)											
IV SEMESTER											
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Examination				Credits
				Theory	P/S/FW/SM	SDA	Duration in hours	CIE Marks	SEE Marks Viva voce	Total Marks	
				L	P						
1	PCC	22HDC41	Dissertation-2	2	16	04	-	50	50	100	20
2	AUD	22AUD42	BOS Recommended online course	Classes and evaluation procedures are as per the policy of the online course providers							PP
<b>TOTAL</b>				<b>02</b>	<b>16</b>	<b>04</b>	<b>-</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>20</b>
<p><b>Note:</b></p> <p><b>1. Dissertation Phase-2:</b> CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a Senior faculty of the department. The CIE marks awarded for project work phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and performance in the Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.</p> <p><b>Open Elective:</b> Open elective to be chosen by students based on their interest (Music/Dance/Health &amp; Hygiene/ Branding but not limited to this from Swayam/Mooc/Coursera etc, permission for pursuing these courses to be sought from the school. (Minimum of 12 weeks course)</p>											

I semester	27
II Semester	27
III Semester	26
IV Semester	20
Total credits	100.

