

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
Scheme of Teaching and Examinations – 2023 - 24
M. Arch. (SUSTAINABLE HUMAN HABITAT)
Choice Based Credit System (CBCS) and Outcome Based Education(OBE)

I SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week				Examination					Credits
				Lecture	Studio	Skill Development Activities	Total hours	Duration in hours	CIE Marks	SEE Marks		Total Marks	
										Theory	Viva voce		
L	S	SDA											
1	PCC	22ASH11	INTEGRATED SUSTAINABLE STUDIO-I	5	5	5*	10	Min. 30 mins/student	50	-	50	100	10
2	PCC	22ASH12	INTRODUCTION TO SUSTAINABILITY AND ENVIRONMENT	1	-	1	2	3	50	50	-	100	2
3	PCC	22ASH13	SUSTAINABILITY AND PARADOX OF DEVELOPMENT	2	1	-	3	3	50	50	-	100	3
4	PCC	22ASH14	ECOLOGY OF CITY & REGION	1	1	-	2	3	50	50	-	100	2
5	PSC	22ASH15	COMMUNITY, NATURE AND LIVABILITY.	3	-	-	3	3	50	50	-	100	3
6	PSC	22ASH16	ECOLOGICAL DESIGN AND TECHNIQUES	1	1	1	3	3	50	50	-	100	2
7	MC	22ASH17	DIALOGUE BASED AUGMENTED CASE STUDY	1	2	1	3	--	100	-	-	100	3
8	AUD	22ASH18	AUDIT COURSE	Classes and evaluation procedures are as per the policy of the online course providers									PP
TOTAL				14	9	3	26	15	400	250	50	700	25

Note: PCC: Professional Core Course, PSC: Professional Support Course, PEC: Professional Elective Course, MC: Mandatory Course

Professional Elective I (Choose any one), AUD: Audit Course, PP: Mandatory Passing

Course Code under 22ASH18	Course Title
22ASH18A	AUDIT COURSE A- URBAN DESIGN AND INFRASTRUCTURE
22ASH18B	AUDIT COURSE B- IMPACTS OF REAL ESTATE

Note:

- 1 Lecture Hour - 1 Credit. 2 Studio Hours - 1 Credit. 2 Workshop Hour - 1 Credit
- Skill Development Activities:** *SDA Hours are dedicated for the students to carry out site visits, library reading, software practice, etc. Hence they are not calculated under contact hours but credits are allocated.
- Viva voce:** The viva voce shall be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.

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II SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week				Examination				Credits	
				Lecture	Studio	Skill Development Activities	Total hours	Duration in hours	CIE Marks	SEE Marks			Total Marks
										Theory	Viva voce		
L	S	SD											
1	PCC	22ASH21	INTEGRATED DESIGNSTUDIO - II	5	5	5*	10	Min. 30 mins/ student	50	-	50	100	10
2	PCC	22ASH22	VALUE PROPOSITION MANAGEMENT & ANALYTICAL TECHNIQUES	3	-	-	3	3	50	50	-	100	3
3	PCC	22ASH23	ECOLOGICAL ARCHITECTURE	3	-	-	3	3	50	50	-	100	3
4	PCC	22ASH24	ACTIVISM & INNOVATION IN ECOLOGICAL PERSPECTIVES	3	-	-	3	3	50	50	-	100	3
5	PCC	22ASH25	GREEN BUILDINGS CONCEPT - RATING SYSTEM	3	-	-	3	3	50	50	-	100	3
6	PCC	22ASH26	URBANISATION AND SUSTAINABILITY	2	-	-	2	3	50	50	-	100	2
7	PSC	22ASH27	RESEARCH METHODOLOGY& IPR	1	1	1	3	3	50	50	-	100	2
8	AUD	22ASH28	AUDIT COURSE	Classes and evaluation procedures are as per the policy of the online course providers								PP	
TOTAL				21	7	2	30	18	350	300	50	700	26

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Professional Elective I (Choose any one), AUD: Audit Course, PP: Mandatory Passing

Course Code (under 20ASH28X)	Course title
22ASH28A	AUDIT COURSE A - TRADITIONAL KNOWLEDGE SYSTEM
22ASH28B	AUDIT COURSE B - DESIGNING WITH NATURE

Note:

- 1 Lecture Hour - 1 Credit. 2 Studio Hours - 1 Credit. 2 Workshop Hour - 1 Credit
- Skill Development Activities:** . *SDA Hours are dedicated for the students to carry out site visits, library reading, software practice, etc. Hence they are not calculated under contact hours but credits are allocated.
- Viva voce:** The viva voce shall be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.
- Dialogue Based :**The discussions and evaluation shall be conducted for a duration of minimum of 30 minutes (per student) internally.
- Internship Requirements:** All the students have to undergo mandatory internship of 8 weeks during the vacation **between II and III semesters**. A University examination shall be conducted during III semester and the prescribed internship credit shall be counted for the same semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. The students are required to submit periodic progress reports of the internship undertaken.

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III SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week				Examination					Credits
				Lecture	Studio	Skill Development Activities	Total hours	Duration in hours	CIE Marks	SEEMarks		Total Marks	
										Theory	Viva voce		
L	S	SDA											
1	PCC	22ASH31	SUSTAINABLE MANAGEMENT & DESIGN STUDIO (SMART)	5	5	5*	10	Min.30 mins/student	50	-	50	100	10
2	PCC	22ASH32	SUSTAINABLE MANAGESYSTEM AND CONTROL	1	1	1	3	3	50	50	-	100	2
3	PCC	22ASH33	ADMINISTRATION, GOVERNANCE AND IMPLEMENTATION IN SUSTAINABILITY	1	1	1	3	3	50	50	-	100	2
4	PCC	22ASH34	LIFE CYCLE ANALYSIS (PROJECT & PRODUCT)	2	1	1	4	3	50	50	-	100	3
5	PCC	22ASH35	ENVIRONMENTAL ECONOMICS	1	1	1	3	3	50	50	-	100	2
6	PCC	22ASH36	BUSINESS SUSTAINABILITY & RESILIENCE	2	1	1	4	3	50	50	-	100	3
7	PEC	22ASH37X	PROFESSIONAL ELECTIVE I	1	1	1	3	-	100	-	-	100	2
8	PST	22ASH38	PROFESSIONAL TRAINING / INTERNSHIP	-	-	-	-	Min 30 mins/student	-	-	100	100	3
TOTAL				13	11	6	30	15	400	250	150	800	27

Note: PCC: Professional Core Course, PSC: Professional Support Course, PEC: Professional Elective Course, MC: Mandatory Course

Professional Elective I (Choose any one), AUD: Audit Course, PP: Mandatory Passing

Course Code (under 20ASH37X)	Course title
22ASH37A	PROFESSIONAL ELECTIVE A - SUSTAINABLE DEVELOPMENT LAWS IN INDIA
22ASH37B	PROFESSIONAL ELECTIVE B - EMERGING GLOBAL SCENARIO
22ASH37C	PROFESSIONAL ELECTIVE C - PLANNING FOR ECO-TOURISM

Note:

- 1 Lecture Hour - 1 Credit. 2 Studio Hours - 1 Credit. 2 Workshop Hour - 1 Credit
- Skill Development Activities:**. *SDA Hours are dedicated for the students to carry out site visits, library reading, software practice, etc. Hence they are not calculated under contact hours but credits are allocated.
- Viva voce:** The viva voce shall be conducted for duration of minimum 30 minutes (per student) for the courses listed under viva voce for all the semesters.
- Internship Requirements:** All the students have to undergo mandatory internship of 8 weeks during the vacation between II and III semesters. A University examination shall be conducted during III semester and the prescribed internship credit shall be counted for the same semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. The students are required to submit periodic progress reports of the internship undertaken.
- Internship Assessment:** CIE marks shall be awarded by a committee comprising of Dean and PG course/HoD. The CIE marks awarded for Internship, shall be based on the evaluation of Internship Report, Internship Presentation skill and performance in Question and Answer session in the ratio 50:25:25. Those, who have not pursued /completed the internship, shall be declared as fail in internship course and have to complete the same during subsequent University examinations after satisfying the internship requirements. Internship SEE (University examination) shall be as per the University norms.

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IV SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week				Examination					Credits
				Lecture	Studio	Skill Development Activities	Total hours	Duration in hours	CIE Marks	SEEMarks		Total Marks	
										Theory	Viva voce		
L	S	SDA											
1	PCC	22ASH41	THESIS PROJECT	5	10	16*	15	Min 30 mins / students	50	-	50	100	18
2	PCC	22ASH42	DISASTER MITIGATION & MANAGEMENT	1	1	1	3	3	50	50	-	100	2
3	PEC	22ASH43X	PROFESSIONAL ELECTIVE II	1	1	1	3	-	100	-	-	100	2
TOTAL				7	12	2	21	3	200	50	50	300	22

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Professional Elective I (Choose any one), AUD: Audit Course, PP: Mandatory Passing

Note:

- 1 Lecture Hour - 1 Credit. 2 Studio Hours - 1 Credit. 2 Workshop Hour - 1 Credit
- Skill Development Activities:** *SDA Hours are dedicated for the students to carry out site visits, library reading, software practice, etc. Hence they are not calculated under contact hours but credits are allocated.
- Viva voce:** The viva voce shall be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.
- Thesis project:** CIE marks shall be awarded by a committee comprising of Principal/Dean, PG Coordinator/HOD and Guide/Co-guide of the department. The CIE marks awarded for Thesis project, shall be based on the evaluation of Thesis Report, Thesis Presentation skill and performance in Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Dissertation work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.

