

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI.**



Scheme of Teaching and Examinations and Syllabus  
**M.Arch-Digital Heritage and Conservation**  
(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												
<b>M.Arch (Digital Heritage and Conservation)</b>												
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	Skill Development Activities	Duration of exam in hours	CIE Marks	SEE Marks			Total Marks
									Theory	TW/Viva		
L	P	SD										
1	PCC	22ADH11	DIGITAL HERITAGE AND CONSERVATION STUDIO I	2	8	5	10	50	-	50	100	10
2	PCC	22ADH12	THEORY OF CONSERVATION I	3	0	0	3	50	50	-	100	3
3	PCC	22ADH13	BUILDING TOOLS AND TECHNIQUES I	1	2	2	3	50	-	50	100	3
4	PSC	22ADH14	CULTURAL HERITAGE SYSTEMS I	3	0	0	3	50	50		100	3
5	PCC	22ADH15	STRUCTURES AND MATERIALS I	3	0	0	3	50	50		100	3
6	MC	22MC26	RESEARCH METHODOLOGY & IPR	1	1	1	2	50	50		100	2
7	PEC	22ADH16X	PROFESSIONAL ELECTIVE I	1	1	1	2	50	-	50	100	2
8	AUD	22AUD17	BOS Recommended online course from swayam/mooc/coursera	00	00	02	00	100	-	-	100	00
<b>TOTAL</b>				<b>17</b>	<b>9</b>	<b>9</b>	<b>26</b>	<b>350</b>	<b>200</b>	<b>150</b>	<b>700</b>	<b>26</b>
<b>Note: PCC: Professional Core, PSC: Professional Support, PEC: Professional Elective.</b>												
<b>Professional Elective I</b>												
<b>Course Code under 22ADH16X</b>				<b>Course Title</b>								
22ADH161				PROFESSIONAL ELECTIVE A-SOFTWARES								
22ADH162				PROFESSIONAL ELECTIVE B – JOURNALISM								
<b>22ADH17X - Professional Elective II</b>												
22ADH171				PROFESSIONAL ELECTIVE A - HISTORIC INTERIORS								
22ADH172				PROFESSIONAL ELECTIVE A – DIGITAL MAPPING								
<b>NOTE</b>												

1. Lecture Hour - 1 Credit, 1 Studio Hours - 1 Credit, SDA hours are self-explorative hours, which include site visits, workshops not included in teaching hours.
2. Minimum Marks for passing: Progressive Marks (CIE)- 50%, Theory Marks - 40% and Viva Marks - 50%.
3. Two electives are mandatory. Choose any other elective other than mandatory elective as an audit course from the list of electives offered. All audit courses will not have credits but will be acknowledged against your attendance.
4. Viva voce: The viva voce will be conducted for duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.
5. 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.

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

**II SEMESTER**

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Examination				Credits	
				Theory	Practical/ Studio	Skill Development	Duration of exams in hours	CIE Marks	SEE Marks			Total Marks
									L	P		
1	PCC	22ADH21	DIGITAL HERITAGE AND CONSERVATION STUDIO II	2	8	6	-	50	-	50	100	10
2	PCC	22ADH22	THEORY OF CONSERVATION II	3	0	0	03	50	50	-	100	3
3	PCC	22ADH23	BUILDING TOOLS AND TECHNIQUES II	1	2	2	-	50		50	100	3
4	PSC	22ADH24	CULTURAL HERITAGE SYSTEMS II	3	0	0		50	50	-	100	3
5	PSC	22ADH25	STRUCTURES AND MATERIALS II	3	0	0		50	50		100	3
6	PEC	22ADH27X	PROFESSIONAL ELECTIVE II	1	1	1		50	-	50	100	2
7	POE	22ADHOE28	BOS Recommended open elective course either offline or online from swayam/mooc/courseera	02	00	02	00	100	-	-	100	02
<b>TOTAL</b>				<b>17</b>	<b>9</b>	<b>9</b>		<b>300</b>	<b>150</b>	<b>150</b>	<b>600</b>	<b>26</b>

**Note: PCC: Professional Core, PSC: Professional Support, PEC: Professional Elective.**

Professional Elective -III(Choose any one)

Course Code under 20ADH 27X	Course title
22ADH271	PROFESSIONAL ELECTIVE A - SERVICES IN HERITAGE BUILDINGS
22ADH272	PROFESSIONAL ELECTIVE B - PROJECT MANAGEMENT

## Note:

1 Lecture Hour - 1 Credit. 1 Practical/studio Hours- 1 Credit. 2, skilldevelopment activities include site visits/workshops/practice hours.
2. Minimum Marks for passing: Progressive Marks (CIE)- 50%, Theory Marks - 40% and Viva Marks - 50%.
3. Two electives are mandatory. Choose any other elective other than mandatory elective as an audit course from the list of electives offered. All audit courses will not have credits but will be acknowledged against your attendance.
4. Viva voce: The viva voce will be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.
5. 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.
6. Internship Requirements: All the students have to undergo a mandatory internship of 6 weeks during the vacation between II and III semesters. A University examination will be conducted during the III semesters and the prescribed internship credit will be counted for the same semester. The internship will be considered as a head of passing and will be considered for the award of a 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	
				Theory	Practical/ Mini-Project/ Internship	Selflearning/Skill Development	Duration of exams in hours	CIE Marks	SEE Marks	Total Marks		
				L	P	SDA			Theory exam	TW/Viva Voce		
1	PCC	22ADH31	DIGITAL HERITAGE AND CONSERVATION STUDIO III	2	8	5	-	50	-	50	100	10
2	PCC	22ADH32	THEORY OF CONSERVATION III	3	0	0	3	50	50	-	100	3
3	PCC	22ADH33	URBAN TOOLS AND TECHNIQUES	1	2	2	-	50	-	50	100	3
4	PSC	22ADH34	URBAN SYSTEMS	3	0	0	3	50	50	-	100	3
5	PCC	22ADH35	THESIS SEMINAR	1	2	2	-	50		50	100	3
6	PEC	22ADH36X	PROFESSIONAL ELECTIVE III	1	1	1	-	50		50	100	2
7	Internship	22ADH37	Internship/Professional Training	(Completed during the intervening vacation of I and II semesters and /or II and III semesters.)			-	50		50	100	2
<b>TOTAL</b>				<b>13</b>	<b>10</b>	<b>11</b>	<b>06</b>	<b>350</b>	<b>100</b>	<b>250</b>	<b>700</b>	<b>26</b>
<b>Note: PCC: Professional Core, PSC: Professional Support, PEC: Professional Elective.</b>												

Professional Elective –IV AND V(Choose any one)		Course title
Course Code under 20ADH 36X		
22ADH36A	PROFESSIONAL ELECTIVE A - HERITAGE MANAGEMENT	
22ADH36B	PROFESSIONAL ELECTIVE B - HERITAGE IMPACT ASSESSMENT	
22ADH36C	PROFESSIONAL ELECTIVE C -	
<p>1. Lecture Hour - 1 Credit, 1 Practical/studio Hours- 1 Credit, 2, skilldevelopment activities include site visits/workshops/practice hours.</p> <p>2. Minimum Marks for passing: Progressive Marks (CIE)- 50%, Theory Marks - 40% and Viva Marks - 50%.</p> <p>3. Two electives are mandatory. Choose any other elective other than mandatory elective as an audit course from the list of electives offered. All audit courses will not have credits but will be acknowledged against your attendance.</p> <p>4. Viva voce: The viva voce will be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.</p> <p>5. 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.</p> <p>6. Internship Requirements: All the students have to undergo mandatory internship of 8 weeks during the vacation between II and III semesters. A University examination will be conducted during III semester and the prescribed internship credit will be counted for the same semester. Internship will be considered as a head of passing and will be considered for the award of degree. The students are required to submit periodic progress reports of the internship undertaken.</p> <p>7. Internship Assessment: CIE marks will be awarded by a committee comprising of Dean and PG course/ HoD. The CIE marks awarded for Internship, will be based on the evaluation of the Internship Report, Internship Presentation skill and performance in the Question and Answer session in the ratio of 50:25:25. Those, who have not pursued /completed the internship will be declared as fail in the internship course and have to complete the same during subsequent University examinations after satisfying the internship requirements. Internship SEE (University examination) will be as per the University norms.</p>		

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IV SEMESTER											
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Examination				Credits
				Theory	Practical/Field work	Skill dev. Activity/self learning	Duration in hours	CIE Marks	SEE Marks Viva voce	Total Marks	
				L	P	SDA					
1	PCC	22ADH41	THESIS PROJECT	5	8	12	15	50	50	100	18
2	PCC	22ADH42	THEORY OF CONSERVATION IV	3	0	0	3	50	50	100	2
3	PEC	22ADH43X	PROFESSIONAL ELECTIVE V	1	1	1	-	100	-	100	2
<b>TOTAL</b>				9	9	13	18	200	100	300	22
<b>Note: PCC: Professional Core, PSC: Professional Support, PEC: Professional Elective.</b>											
Professional Elective –VI (Choose any one)											
Course Code under 20ADH 43X		COURSE TITLE									
22ADH431		PROFESSIONAL ELECTIVE A - WORLD HERITAGE STUDIES									

**NOTE:**

- 1 Lecture Hour - 1 Credit. 2 Studio Hours - 1 Credit. 2 Workshop Hour - 1 Credit.
2. Minimum Marks for passing: Progressive Marks (CIE)- 50%, Theory Marks - 40% and Viva Marks - 50%.
3. One electives are mandatory. Choose any other elective other than mandatory elective as an audit course from the list of electives offered. All audit courses will not have credits but will be acknowledged against your attendance.
4. Viva voce: The viva voce will be conducted for a duration of minimum of 30 minutes (per student) for the courses listed under viva voce for all the semesters.
5. 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.
6. Thesis project: CIE marks shall be awarded by a committee comprising of Principal/Dean, PG Coordinator/HOD and Guide/Co-guideof 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
7. Open Elective: Open elective to be chosen by students based on their interest (Music/Dance/Health & 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)

Semester:	Credits
I Sem:	26
II Sem:	26
III Sem:	26
IV Sem :	22
TOTAL:	100.

