

UNIVERSITY OF PUNE

COURSE STRUCTURE

and

DETAILED SYLLABUS

FOR

MASTER of ARCHITECTURE

M.Arch.

(ARCHITECTURAL CONSERVATION)

Effective from June 2008

FACULTY OF ENGINEERING

BOARD OF STUDIES IN ARCHITECTURE

NAME OF COURSE :

MASTERS PROGRAMME IN ARCHITECTURAL CONSERVATION

INTRODUCTION

The fast pace of unplanned development has posed a severe threat to the vast built heritage, which we have inherited. Our cities are losing identities with this kind of development which shows no respect to our past. Architects as the builders of the society have a crucial role to play in this process. Maharashtra has a great past represented through thousands of historic structures lying in rural areas as well as getting engulfed in newly developing urban areas. These are vulnerable if not properly taken care of. Wrong planning policies are most of the time directly responsible for such losses. It is essential to develop the required know how to enable planners to successfully handle these issues. With an increased awareness about heritage, there is a need to develop expertise in this field. It is required to frame a separate course with holistic approach, focusing on architectural conservation that will enable architects to handle the challenges of conservation at various levels.

OBJECTIVES

1. To develop the expertise in the field of Architectural conservation specifically catering to the regional context.
2. To make architects aware of the holistic nature of the conservation practice.
3. To equip architects with technical know-how required for Architectural Conservation

RULES OF COURSE STRUCTURE FOR MASTER OF ARCHITECTURE.

M.ARCH. (Architectural Conservation)

RULE NO. 1 : ELIGIBILITY CRITERIA

A student seeking admission to Master of Architecture Course must have secured minimum 50% marks in aggregate in a Bachelor of Architecture degree course or equivalent courses recognized by the apex body with / without valid GATE score. The students with valid GATE score shall be given preference and the students without GATE score shall be considered subject to the vacancy.

RULE NO. 2 : SCHEME OF ASSESSMENT:

A candidate to be eligible for the Masters Degree in Architecture will be required to appear for and pass examinations as under

1. First Year M. Arch: SEM I AND SEM II
2. Second Year M. Arch. : SEM II AND SEM IV

University will declare combined result of

- SEM I + SEM II at the end of First Year and
- SEM III + SEM IV at the end of Second Year

RULE NO. 3 : GRANTING OF TERM

Academic year will consist of TWO SEMESTERS of 90 teaching days each. Sessional work/ assignments prepared by the students shall be continuously assessed by the Internal Teacher throughout the semester.

The candidate will be permitted to appear for the examinations at the end of each semester only if he/she keeps term at a college affiliated to the university and produces testimonials from the Principal for

1. 75% attendance in each head of passing of Theory and /or Sessional work as prescribed by the University.
2. Satisfactory completion of the Sessional Work prescribed for each subject and secured at least 50 % marks in the Internal Assessment for the same.
3. Good conduct.

RULE NO.4 : EXAMINATIONS

At each examinations Theory Paper Sessional and Sessional and viva – voce based on Sessional Work, as prescribed in the syllabus for the Examination at the end of each semester, shall constitute separate heads of passing.

RULE NO. 5 : SESSIONAL WORK ASSESSMENT:

- a) In respect of Sessional work in First , Second, Third and Fourth semesters, target date shall be fixed for the completion of each assignment. All assignments shall be continuously assessed by the Internal Teacher during each semester.
- b) For the First, Second, and Third Semester examinations, Sessional and Viva assessment will be done by an External Examiner, who is external to the college i.e. teacher from college other than one, whose students are being examined.
- c) For Fourth Semester examination, external assessment shall be carried out by a professional not teaching in any of the Colleges under University of Pune.
- d) An examiner for any of the subjects of examination shall have a minimum of 5 years of teaching/professional experience in his/her specific field of study.

RULE NO. 6: PRE REQUISITES AND RULES OF A.T.K.T. FOR ADMISSION TO HIGHER CLASSES

1. This course has been considered as an integrated one and students will be allowed to take admission to second, third and fourth semesters irrespective of number of subjects in which they are failing.

RULE NO. 7 : CRITERIA FOR PASSING

To pass the First and Second Year Examination, a candidate must obtain minimum 50 % marks in each paper, 50% in Sessional/Viva voce and 50% in aggregate.

RULE NO. 8 : GRADING SYSTEM

THE CLASS FOR THE DEGREE SHALL BE AWARDED TO THE STUDENT ON THE AGGREGATE MARKS OBTAINED BY HIM IN FIRST AND SECOND YEAR TAKEN TOGETHER.

The award of class shall be as follows.

- a) Aggregate 66% or more: First Class with Distinction.
- b) Aggregate 60% or more but less than 66% marks: First Class
- c) Aggregate 55% or more but less than 60% marks: Higher Second Class
- d) Aggregate 50% or more but less than 55% marks: Second Class

RULE NO. 9 : EXEMPTIONS AND SUPPLEMENTARY EXAMINATION

In case a candidate fails and desires to appear again,

- a) He/she will be exempted from appearing in the head/s of passing in which he/she has passed
- b) A candidate will have to appear for the examination of backlog subjects along with the examination of current semester.

RULE NO. 10 : OTHER RULES:

University/ affiliated colleges may frame additional rules and regulations or modify these regulations if required, and once approved by the University, they would be binding on the students.

SUBJECT - INTRODUCTION TO CONSERVATION

SUBJECT CODE –

TEACHING SCHEME
LECTURE PERIODS 04

EXAMINATION SCHEME
PAPER 75

STUDIO PERIODS	NIL	SESSIONAL(INT)	25
		SESSIONAL(EXT)	-
TOTAL CONTACT PERIOD PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- To orient student to the concept of conservation,
- Introduce the students to the various philosophies, personalities in the field of conservation

- **UNIT I .** **No. Of Lectures - 15**
History of Conservation movement
- **UNIT II** **No. Of Lectures - 12**
Basic principles of conservation, Degrees of interventions.
- **UNIT III** **No. Of Lectures - 20**
Terms associated with conservation practice like rehabilitation, redevelopment, revitalization, regeneration, redevelopment Role of UNESCO , other bodies. .
- **UNIT IV** **No. Of Lectures - 25**
Study of Charters from Venice to Mexico. .

Assignments – Minimum four tutorials on all aspects covered in course outline.

Text Books–

1.A Technical Manual by Bernard Fieldon.

Reference Books

2. Charters by UNESCO

SUBJECT - PLANNING THEORY

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	04	PAPER	75
STUDIO PERIODS	NIL	SESSIONAL(INT)	25
TOTAL CONTACT PERIOD PER WEEK	04	SESSIONAL(EXT)	-
		VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- To introduce students to the various streams of planning that directly or indirectly influence the process of conservation.
- **UNIT I** **No. Of Lectures - 15**

Urban Planning –

Planning objectives and introduction to planning terminologies, plans development structures, planning acts and development controls, byelaws having impact in historic areas

• **UNIT II** **No. Of Lectures - 12**

Regional planning

Concepts, criteria, regional planning in India, demographic study

• **UNIT III** **No. Of Lectures - 15**

Housing

Terms, Housing scenario in world, Policies, intervention in historic housing

• **UNIT IV** **No. Of Lectures - 15**

Transport Planning

Introduction, Heritage areas and traffic, traffic management in historic areas

• **UNIT V** **No. Of Lectures - 15**

Environment Planning

Introduction, issues, policies

Notes – Minimum five tutorials to be completed

Text Books

1. Reading Materials By ITPI

Reference Books

1. Urban Planning By Peter Hall

2. Urban Planning Guide – American Society of civil engineers

SUBJECT - STRUCTURAL CONSERVATION: MATERIALS AND TECHNIQUES– I

SUBJECT CODE –

CREDITS- 02

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	03	PAPER	75
STUDIO PERIODS	01 (LAB)	SESSIONAL(INT)	25
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- To analyse built structure and its components and study their behavior.
- To study traditional materials as components of heritage structures and behavioral aspects of the structure
- To equip students with technical know-how required for successful structural conservation.

- **UNIT I** **No. Of Lectures - 12**
Introduction to historic structures and structural systems of India
- **UNIT II** **No. Of Lectures - 15**
Elements of historic structure as foundation, walls, floors, roof and structural behavior of the same
- **UNIT III** **No. Of Lectures - 15**
Identification of problems pertaining to each element.
- **UNIT IV** **No. Of Lectures - 15**
Study of traditional materials used in India
- **UNIT V** **No. Of Lectures - 15**
Process of their formation and extraction and properties

Assignments-

Minimum five tutorials to be completed .

Lab experiments to be carried out to study properties and behavior of materials

Text books

1. Elements of structure – Morgan

Reference Books

2. Structural Systems – Cowan Henry J and Wilson Forrest
3. Wood Technology in the design of structures – Hoyle Robert
4. Stone – Nunn E

SUBJECT - ARCHITECTURAL HISTORY THEORY AND CRITICISM- I

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	02	PAPER	-
STUDIO PERIODS	02	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD	04	SESSIONAL(EXT)	-
PERIOD PER WEEK		VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- To teach students methods of interpretation of history from conservation point of view
- To introduce them to aspects of sociology and anthropology as determinants shaping heritage.

- **UNIT I** **No. Of Lectures - 10**
Development of history, Famous historians and various approaches to history

- **UNIT II** **No. Of Lectures - 15**
Movements in art and architecture
- **- UNIT III** **No. Of Lectures - 15**
Movements in philosophy and literature and its interpretation
- **UNIT IV** **No. Of Lectures - 10**
Sociology- development of concepts and principles
- **UNIT V** **No. Of Lectures - 10**
Case studies
- **UNIT VI** **No. Of Lectures - 12**
Nature and scope of anthropology, its relation with architecture, Culture at various levels

Assignments–

Tutorials and a paper to be presented in seminar on one topic chosen by the student

Text Books

1. History of world architecture – Spiro Kostoff

Reference Books

1. Books by David Watkin, Pevsner
2. Architecture of the city – Aldo Rossi
3. Seven Lamps of Architecture – John Ruskin
4. Complexities and contradiction in architecture – Robert Ventury
5. Classical Language of Architecture – John Summerson
6. A History of Architectural Theory – From Vitruvius to present day by Hanno-Walter

SUBJECT - COMPUTER APPLICATIONS AND VISUAL COMMUNICATION

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	01	PAPER	NIL
STUDIO PERIODS	03	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	NIL
PER WEEK	04	VIVA-VOCE	NIL
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- To prepare students for making use of required softwares at various stages of the project.
- Catering to the demand of profession to improve their graphic skills required for effective communication

- **UNIT I** **No. Of Lectures - 20**

Study of softwares like GIS, GRAM ++, which will help the students in compiling and interpreting heritage at different levels. Reconstruction of historic structures through 3D modeling, walk through

- **UNIT I** **No. Of Lectures - 16**
Techniques and softwares required for presentation, Projection of data through pie diagrams, graphs
- **UNIT I** **No. Of Lectures - 16**
Sketching, mapping required for other subjects of the curriculum
- **UNIT I** **No. Of Lectures - 20**
Computer applications in heritage recording

Assignments –

Minimum 10 assignments to be completed to include application of software for different purposes like analysis of data as well as presentation techniques.

Reference Books –

1. Architectural Graphic Standard
2. Practical Guide to Computer Applications for Architecture and Design by David Kent Ballast
3. Computer Applications in Architecture by John S. Gero

SUBJECT - CONSERVATION STUDIO I

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	01	PAPER	NIL
STUDIO PERIODS	09	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	100
PER WEEK	10	VIVA-VOCE	50(INT -25, EXT – 25)
		TOTAL MARKS	250
		CREDITS	05

OBJECTIVE AND PREREQUISITES –

- To introduce students to the study of historic area through various surveys, its analysis
- Identification of issues,
- Focus on interdisciplinary nature of conservation process.

- **UNIT I** **No. Of Lectures - 60**
Study of historic building, area, landscape through inventories, surveys.
- **UNIT II** **No. Of Lectures - 60**
Identification of architectural vocabulary, potential,
- **UNIT III** **No. Of Lectures - 60**
Identification of issues

Assignment–

Studio work based on field studies to be regularly critically reviewed and the final out put will be in the form of presentation based on drawings along with a report.

SUBJECT - STRUCTURAL CONSERVATION: MATERIALS AND TECHNIQUES – II

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	03	PAPER	75
STUDIO PERIODS	01 (LAB)	SESSIONAL(INT)	25
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- Focusing on analysis and interventions in historic structures
- This is continuation of the first part in second semester and will complete the study of the materials with remedial measures

Contents –

- **UNIT I** **No. Of Lectures - 12**
Typology of historic buildings pertaining to regional context
Study of structural behavior of historic building as a whole
- **UNIT II** **No. Of Lectures - 10**
Identification of structural problems
- **UNIT III** **No. Of Lectures - 14**
Remedial measures – different techniques pertaining to each problems and case studies
- **UNIT IV** **No. Of Lectures - 12**
Identification of problems
- **UNIT V** **No. Of Lectures - 14**
Interventions in the material use
- **UNIT VI** **No. Of Lectures - 10**
Lab analysis

Assignments –

Minimum one tutorial on each module along with lab experiment reports

Reference Books –

1. Repair and Maintenance of stone Practical Building Conservation Vol.1. Stone Masonry by John Nicola Ashru
2. Care and preservation of Museum Objects, New Delhi : National Research Laboratory for conservation of cultural property – O.P.Agarwal

SUBJECT - CONSERVATION MANAGEMENT

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	04	PAPER	75
STUDIO PERIODS	-	SESSIONAL(INT)	25
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- Management of available resources becomes an important aspect of sustainability. This subject deals with systematic and methodical approaches of management of cultural resources at various levels.
- It also covers legalities associated with conservation projects and management at larger scale

• **UNIT I** **No. Of Lectures - 09**

Concept of management

• **UNIT II** **No. Of Lectures - 09**

Quality Management, its parameters

• **UNIT III** **No. Of Lectures - 08**

Management of historic building –

requirement of regular maintenance, types of special repairs, annual repairs, common problems faced in historic buildings, preparing maintenance programmes for historic buildings

• **UNIT IV** **No. Of Lectures - 08**

Site level Management –

planning for site development, interpretation of site, facilities provided for visitors, visitors management, site infrastructure

• **UNIT V** **No. Of Lectures - 15**

Management of Conservation projects –

types of contracts, specification for conservation, maintenance work, contract administration

• **UNIT VI** **No. Of Lectures - 8**

Integrated conservation concept

• **UNIT VII** **No. Of Lectures - 15**

Development management in conservation areas and Case studies

Assignments–

Minimum Eight tutorials and a case study report to be prepared for a live project.

Text Book

1. Planning for conservation BY Roger Kain
2. Conservation Planning – Alan Dobby

Reference Books

1. The Fort Precinct in Bombay – A proposal for Area conservation By Rahul Mehrotra and Sandhya Sawant
2. Management Books
3. As suggested by the faculty

SUBJECT - INTRODUCTION TO ARCHAEOLOGY AND MUSEOLOGY

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	04	PAPER	75
STUDIO PERIODS		SESSIONAL(INT)	25
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PERIOD PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

Conservation in the form of archaeology existed in India since eighteenth century.

- This subject focuses on its history and its role as an important tool of conjecturing history whenever required.

Contents –

- | | |
|--|-----------------------------|
| • UNIT I | No. Of Lectures - 10 |
| Review of the development of archaeology in India. | |
| • UNIT II | No. Of Lectures - 14 |
| Archaeological record – methodologies, important concepts | |
| • UNIT III | No. Of Lectures - 10 |
| Introduction to museums, Documentation of museum objects | |
| • UNIT IV | No. Of Lectures - 14 |
| Care and preservation of museum objects | |
| Deterioration factors their control | |
| • UNIT V | No. Of Lectures - 24 |
| Preservation of stones, metal, terracotta, wood, textile, manuscript, animal skin and its products and ethnological objects | |

Assignments – Minimum five assignments to be completed. Students are expected to do a field visit and a report to be prepared for the same.

Reference Books

1. Modern Museum Organisation and Practice in India, New Delhi by Baxi, Smita J And Vinod P. Dwivedi
2. Museums Exhibitions by Bhatnagar Anupama
3. The organization of Museum Practical advice published by UNESCO
4. Reconstructing Prehistory: Scientific Methods in Archaeology by Bell J
5. A history of Indian Archaeology : from the beginning to 1947 by Chakraborti D.K.
6. A short history of Archaeology by Daniel Glyn

SUBJECT - ARCHITECTURAL HISTORY THEORY AND CRITICISM– II

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	01	PAPER	-
STUDIO PERIODS	03	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

- Extensive study of vernacular architecture will be the focus of this subject. This will prepare student to undertake any challenge pertaining to monuments of vernacular style.

- **UNIT I** **No. Of Lectures - 12**
Study of architectural history of the region
- **UNIT II** **No. Of Lectures - 24**
Identification of vernacular styles with respect to location, period
- **UNIT III** **No. Of Lectures - 24**
Study of materials and techniques in monuments
- **UNIT IV** **No. Of Lectures - 12**
Case studies

Assignments–

Tutorials and a paper to be presented in seminar on one topic chosen by the student

Reference Books

1. Maratha Architecture – M.S. Mate
2. Various articles covered in various magazines
3. Woodwork of Deccan – Morwanchikar
4. Bulletins by Deccan College

SUBJECT - DOCUMENTATION METHODS

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	01	PAPER	-
STUDIO PERIODS	03	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	-
PER WEEK	04	VIVA-VOCE	-
		TOTAL MARKS	100
		CREDITS	02

OBJECTIVE AND PREREQUISITES –

Conservation practice involves remedial measures for heritage of all scales. It is essential to have authentic and correct data and records

- To introduce different techniques of systematic documenting heritage.

Contents –

- UNIT I No. Of Lectures - 10
Fundamental theories and principles of documentation
- UNIT II No. Of Lectures - 15
Inventory formats and comparative study, Methods of documenting historic structures, areas, cities and region.
- UNIT III No. Of Lectures - 20
Measured drawings of historic structures
- UNIT IV No. Of Lectures - 15
Methodology of identification and listing
- UNIT V No. Of Lectures - 12
Photography and photogrammetry

Assignments –

Minimum 8 assignments covering study of methodology adopted in other countries, preparation of inventory, to be completed.

Reference Books

1. Protection and cultural Animation of monuments sites and historic towns in Europe – Published by German Commission For UNESCO
2. Inventories prepared by different agencies for documentation of historic structures

SUBJECT - CONSERVATION STUDIO II

SUBJECT CODE –

TEACHING SCHEME		EXAMINATION SCHEME	
LECTURE PERIODS	01	PAPER	NIL
STUDIO PERIODS	09	SESSIONAL(INT)	100
TOTAL CONTACT PERIOD		SESSIONAL(EXT)	100
PER WEEK	10	VIVA-VOCE	50(INT. 25, EXT.-25)
		TOTAL MARKS	250
		CREDITS	05

OBJECTIVE AND PREREQUISITES –

- In Studio II , students will be introduced to projects with more complexity. It will have an exercise at urban scale.

- **UNIT I**

No. Of Lectures - 60

Systematic Study and analysis of historic Areas

Identification of potential – cultural significance,

Architectural vocabulary

Traditional technology and materials

- **UNIT II**

No. Of Lectures - 60

Identification of issues

Study of existing legal framework

- **UNIT III**

No. Of Lectures -60

- **Preparation of conservation plan** including short term and long term goals

- Formation of **conservation policy** with holistic approach.

- Student will select **one building of historic value** and study the same for structural conservation along with appropriate reuse.

Assignment –

Studio work based on field studies to be regularly critically reviewed and the final out put will be in the form of presentation based on drawings along with a report.

**MASTER of ARCHITECTURE (ARCHITECTURAL CONSERVATION)
COURSE STRUCTURE**

SEMESTER I

Subject code	Name of subject	Teaching scheme			Examination scheme						
		Lectures	Seminar / Studio/ lab	TOTAL	Paper	Sessional		Oral/viva-voce		Total Marks	credits
						Int.	Ext.	Int.	Ext.		
613101	Introduction to conservation	04	-	04	75	25	-	-	-	100	02
613102	Planning Theory	04		04	75	25	-	-	-	100	02
613103	Structural Conservation – Materials and Techniques -I	03	01	04	75	25	-	-	-	100	02
613104	Architectural History, Theory And Criticism –I	02	02	04	-	100	-	-	-	100	02
613105	Computer Application And Visual Communication	01	03	04	-	100	-	-	-	100	02
613106	Studio - 1	01	09	10	-	100	100	25	25	250	05
	TOTAL OF SEM I	15	15	30	225	375	100	25	25	750	15

MASTER of ARCHITECTURE (ARCHITECTURAL CONSERVATION)

COURSE STRUCTURE

SEMESTER II

Subject code	Name of subject	Teaching scheme			Examination scheme						
		Lectures	Seminar / Studio/ lab	TOTAL	Paper	Sessional		Oral		Total	credits
						Int.	Ext.	Int.	Ext.		
613107	Structural Conservation Materials And Techniques – II	03	01	04	75	25				100	02
613108	Conservation Management	04		04	75	25				100	02
613109	Introduction To Archaeology And Museology	04		04	75	25				100	02
613110	Architectural History, Theory And Criticism –II	01	03	04	-	100				100	02
613111	Documentation Methods	01	03	04	-	100				100	02
613112	Studio - 2	01	09	10	-	100	100	25	25	250	05
	TOTAL OF SEM II	14	16	30	225	375	100	25	25	750	15

**MASTER of ARCHITECTURE (ARCHITECTURAL CONSERVATION)
COURSE STRUCTURE**

SEMESTER III

Subject code	Name of subject	Teaching scheme			Examination scheme						
		Lecture	Seminar / Studio/ lab	TOTAL	Paper	Sessional		Oral/viva		Total	credits
						Int.	Ext.	Int.	Ext.		
713101	Conservation Policies And Practices	04	-	04	75	25	-			100	02
713102	Historic Housing And Landscape	04		04	75	25	-			100	02
713103	Historic City	01	03	04	-	100				100	02
713104	Reaserch methodologies And research paper	01	03	04		30	30	20	20	100	02
713105	Elective – (Any One) *Urban Regeneration *Heritage Site Management *Disaster Management	01	03	04	-	100	-			100	02
713106	Studio - 3	01	09	10	-	100	100	25	25	250	05
	TOTAL OF SEM II	12	18	30	150	380	130	45	45	750	15

Note- The Institute shall have the freedom to offer any additional subjects listed or based on the availability of experts.

MASTER of ARCHITECTURE (ARCHITECTURAL CONSERVATION)

SEMESTER III

Subject code	Name of subject	Teaching scheme			Examination scheme						
		Lecture	Seminar / Studio/lab	TOTAL	Paper	Sessional		Oral/viva		Total	credits
						Int.	Ext.	Int.	Ext.		
713107	Professional Training 6 weeks – full time, 12 weeks part time with concerned office at any time during the semester as decided by the Institute offering the course					30	30	20	20	100	02
713108	Dissertation	02	24	26		250	250	75	75	650	13
	TOTAL OF SEM IV	02	24	26		280	280	95	95	750	15

