**University of Management and Technology**

**School of Architecture & Planning**

**Department of Architecture**

Course Code – **AR-622** Course Title – **Conservation of Architectural Heritage**

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| Program | M-Arch |
| Credit Hours | 3+0 |
| Duration | One semester(16 Weeks) |
| Prerequisites | NA |
| Resource Person | As per Time Table |
| Counseling Timing  (Room# ) | **Kindly see office window** |
| Contact | - |

**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

**Learning Objective:**

This course introduces the participants with heritage conservation, a multidisciplinary term in detail. The participant will explore the conservation phenomenon from its formative years to modern era. The course will cover the conservation policies, planning’s and practices from its beginning to date and also the impact of the influencing phenomenon like globalization that changed the concept into the present form.

Some other objectives of the course are:

• To develop understanding of the fundamentals of heritage conservation

• To gain insight into the development of the concept of heritage conservation

• To identify the architecture, urban and archaeological conservation

• To learn the tools for the design in the historic environments

• To learn the conservation technologies and their application

**Learning Methodology:**

* Lectures
* Readings and Class Discussions
* Presentations
* Latest Research Papers Review
* Assignments related to studied topics
* Case studies
* Discussion with relevant experts

**Grade Evaluation Criteria**

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

**Marks Evaluation Marks in percentage**

Quizzes 05%

Assignments 10%

Term Paper 10%

Mid Term 25%

Final exam 50%

**Total 100%**

**Recommended Text Books:**

1. Bernard Feilden, Conservation of Historic Buildings (New Edition-2003)
2. Norman Tyler, et al. Historic Preservation: An Introduction to Its History, Principles, and Practice (Third Edition), New York: W.W. Norton & Company, 2018.
3. Eugene-Emmanuel, Viollet-le-Duc, “Restoration” Parts I and II
4. Zeynep Aygen, International Heritage and Historic Building Conservation: Saving the World’s Past, 2013
5. Silva, Kapila, Neel Kamal Chapagain (Editors), Asian Heritage Management: Contexts, Concerns, and Prospects, Routledge, 2013
6. Jukka Jokilehto, A History of Architectural Conservation, 2018
7. Philip Jodidio, Lahore: A Framework For Urban Conservation, 2020
8. Aymen Abdul Tawab, Introduction to Urban Conservation, 2013
9. Sharon Sullivan and Richard Mckay, Archaeological Sites: Conservation and Management
10. Miles Glendinning, The Conservation Movement: A History of Architectural Preservation Antiquity to Modernity
11. Michael Forsyth, Understanding Historic Building Conservation, 2007
12. Robin Letellier, Rand Eppich, Recording, Documentation and Information Management for the Conservation of Heritage Places, 2011
13. Miguel Angel Rogerio-Candelera, Massimo Lazzari, Emilio Cano, Science and Technology for the Conservation of Cultural Heritage, 2013

**Calendar of Course Contents to be covered during Semester**

Course Code – **AR-622** Course Title – **Conservation of Architectural Heritage**

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| --- | --- | --- |
| **Week** | **Topics** | **Reference** |
| 01 | Theory and History of Conservation  Early formative period | **Bernard Feilden** Conservation of Historic Buildings (New Edition-  2003)  **Norman Tyler, et al.** Historic Preservation: An Introduction to Its History, Principles, and Practice (Third Edition), New York: W.W. Norton & Company, 2018. |
| 02 | Theory and History of Conservation  Restoration, Anti-Restoration and Conservation movement | **Eugene-Emmanuel**  **Viollet-le-Duc**,  “Restoration” Parts I and II |
| 03 | Theory and History of Conservation  National and international perspectives  Contemporary Theory of Conservation | **Zeynep Aygen**, International Heritage and Historic Building Conservation Saving the World’s Past, 2013  **Silva, Kapila, Neel Kamal Chapagain (Editors),** Asian Heritage Management: Contexts,  Concerns, and Prospects, Routledge, 2013 |
| Quiz-01 | First quiz | Resource Person |
| Assignment-01 | As per Resource Person | Resource Person |
| 04 | Architectural Conservation | **Jukka Jokilehto**, A History of Architectural Conservation, 2018 |
| 05 | Urban Conservation | **Philip Jodidio,** Lahore: A Framework For Urban Conservation, 2020  **Aymen Abdul Tawab**, Introduction to Urban Conservation, 2013 |
| 06 | Conservation of Archaeological Sites | **Sharon Sullivan and Richard Mckay**, Archaeological Sites: Conservation and Management |
| Assignment-02 | As per Resource Person | Resource Person |
| 07 | Research on Historic Building Materials | **Bernard Feilden** Conservation of Historic Buildings (New Edition-  2003)  **Michael Forsyth**, Understanding Historic Building Conservation, 2007 |
| 08 | Cultural Heritage Recording and Information Management | **Robin Letellier, Rand Eppich**, Recording, Documentation and Information Management for the Conservation of Heritage Places, 2011 |
| **09-MID TERM EXAMINATION** | | |
| 10 | Legal, Administrative and Economical Aspects of Preservation and Restoration of Cultural Properties. | National and Local acts |
| 11 | Architectural / Urban Design in Historic Environments | **Aymen Abdul Tawab**, Introduction to Urban Conservation, 2013 |
| Quiz-02 | Second quiz | Resource Person |
| 12 | Conservation Technology-I | **Miguel Angel Rogerio-Candelera, Massimo Lazzari, Emilio Cano**, Science and Technology for the Conservation of Cultural Heritage, 2013 |
| 13 | Conservation Technology-II | **Miguel Angel Rogerio-Candelera, Massimo Lazzari, Emilio Cano**, Science and Technology for the Conservation of Cultural Heritage, 2013 |
| 14 | Challenges of Bridging heritage and New architecture | **Miles Glendinning,** The Conservation Movement: A History of Architectural Preservation Antiquity to Modernity |
| 15 | Final Presentation/ Submission of Term Paper | Resource Person |
| **16-FINAL TERM EXAMINATION** | | |

**GOOD LUCK**