

Architectural Assistantship Department
Session 2024-25 (6th Semester)

Subject: Building Maintenance (Elective)

Load: Theory -03

Date	Topics/Activities	Details	Learning Outcome
23.01.2025	Introduction to Building Maintenance	Importance and objectives of building maintenance.	Understand the necessity and purpose of maintenance in buildings.
24.01.2025	Economic Considerations	Economic aspects of building maintenance.	Evaluate the cost-effectiveness of
30.01.2025	Materials for Repair and Maintenance	Types of materials used for building repairs.	Identify suitable materials for various types of
31.01.2025	Material Selection	Factors influencing the selection of repair materials.	Choose appropriate materials based on specific building conditions.
06.02.2025	Identification of Defects (Interiors)	Common defects in building interiors and their	Identify interior building defects and their root
07.02.2025	Identification of Defects (Exteriors)	Common defects in building exteriors and their	Identify exterior building defects and their root
13.02.2025	Surface Finishes	Types of defects in surface finishes.	Recognize surface finish defects in buildings.
14.02.2025	Repairs for Surface Finishes	Methods for repairing defects in surface finishes.	Implement repair techniques for maintaining
17.02.2025 – 21.02.2025	First Sessional Examination	Covers Unit I and Unit II.	Assess understanding of introductory topics and defect identification/repair.
27.02.2025	Dampness in Buildings (Causes)	Causes of dampness in buildings.	Analyze the factors causing dampness in
28.02.2025	Dampness in Buildings (Effects)	Effects of dampness on building longevity and functionality.	Understand the implications of dampness on buildings.
06.03.2025	Damp-Proofing Methods	Remedies and techniques for damp-proofing.	Apply effective solutions for damp-proofing and
07.03.2025	Preventive Maintenance Practices (Sweeping/ Washing)	Importance of sweeping, washing, and joint maintenance.	Plan routine cleaning and maintenance tasks.
13.03.2025	Preventive Maintenance Practices (Dusting/ Termite Control)	Dusting floors and termite control methods.	Implement preventive practices to ensure building longevity.
14.03.2025	Scheduled Maintenance Introduction	Concept and importance of scheduled maintenance.	Understand the purpose and planning of scheduled maintenance.
17.03.2025 – 21.03.2025	Second Sessional Examination	Covers Unit III and part of Unit IV.	Assess understanding of dampness and preventive maintenance practices.
27.03.2025	Scheduled Maintenance (Water Supply Systems)	Techniques for maintaining water supply systems.	Execute scheduled maintenance tasks for water supply systems.

28.03.2025	Scheduled Maintenance (Sanitary Systems)	Techniques for maintaining sanitary systems.	Execute scheduled maintenance tasks for sanitary systems.
03.04.2025	Review of Scheduled Maintenance	Integration of water supply and sanitary systems in scheduled maintenance.	Plan holistic scheduled maintenance tasks for building services.
04.04.2025	Consolidation and Revision	Review all units and key topics.	Reinforce understanding of all topics covered in the
10.04.2025	Case Studies and Mock Tests	Real-life examples and mock tests for practice.	Analyze real-world scenarios and prepare for final evaluations.
11.04.2025	Final Revision	Open discussion and doubt resolution.	Clarify doubts and solidify preparation for the final sessionals.
21.04.2025 – 24.04.2025	Third Sessional Examination	Covers Unit IV and Unit V.	Evaluate overall understanding of the course, with emphasis on preventive and scheduled

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