

Sem: 10th

Subject Name: ARCHITECTURAL CONSERVATION

SUBJECT CODE: EAR033B

Objectives: To enable the students to understand the various concepts in conservation and expose them to various techniques of conservation, preservation and restoration.

Module-1

Definition and concepts- Conservation, preservation, restoration, reconstruction, and adoption. International frame work-Venice charter, Burra charter. Introduction to traditional building material and their decaying chareacteristics due to environmental conditions.

Module-2

Composite materials- type of composites, mechanics of composite behaviour . Environmental influences thermal effect, corrosion and oxidation, irradiation.

Module-3

Investigation, documentation and analysis of decaying feature preparation of inspecting report. Listing and grading of heritage structures.

Techniques of restoration, preservation and rehabitilation. Legal provisions . Managment and phasing, presentation of heritage buildings.

References:

The conservation of historical buildings, B.M Feilden