

LIS14106EA PRESERVATION AND CONSERVATION TECHNIQUES

(4 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
2	2	0	4

Objective

- To understand the nature of preservation and conservation management, its components and implications.
- To understand the physical composition of reading material and causes of deterioration.
- To understand preservation and conservation standards
- To identify technological options in the preservation.

Unit I

- 1.1 Preservation/conservation: purpose, components and implications.
- 1.2 Physical structure of documents and their component parts.
- 1.3 Nature of skins, paper, ink and adhesives and causes of deterioration.

Unit II

- 2.1 Preservation measures with reference to security, environmental, chemical and Biological factors and equipments.
- 2.2 Risk assessment and disaster prevention and recovery planning.
- 2.3 Preservation funding issues and options.

Unit III

- 3.1 Types and characteristics of paper
- 3.2 Paper repairing techniques
- 3.3 Other Materials: AN records, Magnetic Plates, Tapes & Diskettes, Microforms, Optical media, Magneto Optical Discs, etc.
- 3.3 Conservation treatments

Unit IV

- 4.1 Digital preservation: Foundation and Challenges
- 4.2 Strategies of Digital preservation
- 4.3 Specific tools and methodologies
- 4.4 Large-scale digital preservation initiatives (LSDIs)