

DISCIPLINE SPECIFIC ELECTIVE COURSE**DSE HH 8D3: TEXTILE CONSERVATION****CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course(if any)
		Lecture	Tutorial	Practical/ Practice		
Textile Conservation DSE HH 8D3	4	2	0	2	Studied Semester 6	Studied Traditional Indian Textiles DSC HH 616

Learning Objectives

- To provide theoretical knowledge and practical experience which enables to contribute to the understanding and preservation of culturally significant textile artifacts.
- To introduce the core ethical principles underlying professional conservation practice.
- To comprehend the principles of preventive conservation for textiles to mitigate deterioration and damage.
- To learn about proper storage and display practices to ensure the long-term preservation and accessibility of textile artifacts.

Learning Outcomes

- Acquire academic, practical and professional skills in textile conservation.
- Recognise agents of deterioration and apply interventive and preventive conservation concepts.
- Use various conservation tools, equipments and conservation grade materials.
- Practice working with different types of textiles, including fragile, delicate and sensitive materials.

SYLLABUS OF DSE HH 8D3

THEORY
(Credits 2; Hours 30)

UNIT I: Foundations of Textile Conservation**8 Hours**

This unit lays thrust on basic concepts of conservation-

- Importance and Ethics in Conservation
- Principles of Conservation
- Museums and museology
- Terminology
- Documentation

UNIT II: Textile Degradation and Conservation Strategies **10 Hours**

This unit highlights the factors deteriorating textiles and methods of conservation

- Natural Factors
- Manmade Factors
- Preventive Conservation
- Interventive Conservation

UNIT III: Textile Collection Preservation: Maintenance and Management Strategies**12 Hours**

This unit highlights on conservation materials, tools, methods and Storage and Display

- Workspace and Equipment
- Materials and supplies
- Cleaning
- Restoration
- Storage
- Display

PRACTICAL
(Credits 2; Hours 60)

1. Materials and Equipment

- Identify different types of fibers using various techniques, such as microscopy and burn tests.
- Dye analysis techniques for identifying and dating textiles.
- Handle specialized equipment, such as vacuum cleaners, humidifiers, digital microscope, spectrophotometer or conservation-grade materials.

2. Documentation

- Visit a textile museum or collection and survey external and internal factors.
- Examine textile artifacts and prepare condition reports.
- Photograph textiles from different angles.

3. Cleaning and Stabilization

- Clean different types of textiles using various wet cleaning methods.
- Dry clean techniques for sensitive or fragile textiles.
- Stable fragile or damaged textiles using various techniques, such as stitching, adhesive tapes, or consolidants.

4. Repair and Reconstruction

- Hand-stitching techniques for repairing and reconstructing textiles.
- Re-weave for repairing damaged or missing areas of textiles.

5. Mounting and Display

- Mount textiles on different types of supports, such as boards, rollers, or mannequins.
- Design and create custom mounts for specific textiles or exhibits.
- Display textiles in a way that minimizes damage and maximizes visibility.

6. Conservation Techniques

- Consolidating fragile or damaged textiles using various techniques, such as adhesive tapes or consolidants.
- Deacidification techniques for neutralizing acidic materials in textiles.
- Pest management techniques for preventing and treating infestations in textiles.

Essential Readings

- Finch, K. and Putnam, G. (1985), "The Conservation of Tapestries and Embroideries" by- A detailed guide to the conservation of tapestries and embroideries. Butterworth-Heinemann, London UK.
- Landi, S. (2nd edition, 2000) "The Textile Conservator's Manual"-A comprehensive guide to textile conservation. Butterworth-Heinemann, London UK.
- Lennard, F. and Ewer P (2010), "Textile Conservation: Advances in Practice" A collection of essays on textile conservation techniques and practices. Elsevier, Amsterdam, Netherlands.
- Wood, Elizabeth J.(2017)"Textile Science: An Introduction" by - A comprehensive textbook on textile science, covering fibers, yarns, fabrics, and finishes. Bloomsbury Academic, London UK.

Suggested Readings

- American National Standards Institute (ANSI) Standards for Textile Conservation - A set of standards for textile conservation, covering topics such as cleaning, stabilization, and repair.
- International Organization for Standardization (ISO) Standards for Textile Conservation - A set of international standards for textile conservation, covering topics such as textile testing, cleaning, and repair.
- The Textile Conservation Code of Ethics - A code of ethics for textile conservators, outlining principles and guidelines for professional practice.
- Journal of the American Institute for Conservation (JAIC) - A leading journal on conservation and preservation, including textile conservation.
- Studies in Conservation - A peer-reviewed journal published by the International Institute for Conservation of Historic and Artistic Works (IIC), covering various aspects of conservation, including textiles.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time