

# The Complete Book on Textile Processing and Silk Reeling Technology

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**Format:** paperback

**Code:** NI228

**Pages:** 776

**Price:** Rs.1750US\$ 150

**Publisher:** NIIR PROJECT CONSULTANCY SERVICES

Usually ships within 5 days

Textile industry in India is the second largest employment generator after agriculture. It holds significant status in India as it provides one of the fundamental necessities of the people. Textile processing is one of the important industries related with textile manufacturing operations. It is a general term that covers right from singeing to finishing & printing of fabric apart from giving huge value-addition at every stage of processing. A number of new innovations have led to the industrialization of the textile industry. The silk reeling techniques are excellent methods to produce superior grade raw silk which is used by the textile industry to produce exotic fabric. Silk reeling is the final and purely commercial phase of sericulture. It is concerned with unwinding of the silk filaments of the cocoon. The sericulture industry is agro based and flourishing mostly in rural areas. More than 50 per cent of silk is reeled by a villager using country charka which forms the cottage industry. Silk provides much needed work in several developing and labour rich countries. The textile industry is primarily concerned with the production of yarn, and cloth and the subsequent design or manufacture of clothing and their distribution. The raw material may be natural or synthetic using products of the chemical industry.

Some of the fundamentals of the book are chemical modification of textile celluloses, fabric varieties, silk as a textile fibre, silk reeling technology, silk re-reeling technology, fluidized beds to textile processing, high alpha cellulose pulp for viscose rayon, reaction of cellulose with cross linking agents, textiles adhesives, flame retardants for textiles, halogenated flame retardants, antimony and other organic compounds, surfactants, chemical used in textiles, etc.

This book contains fabric varieties, silk reeling technology, cellulose ethers, crease resistance of cellulose textiles, tone and shade control in textile, textiles adhesives, flame retardants for textiles, chemical used in textiles. This book will be resourceful to upcoming entrepreneur, Sericulturist, existing industries, technical institutions etc.

1. Chemical Modification of Textile Celluloses
2. Fabric Varieties
3. Silk as a Textile Fibre
4. Silk Reeling Technology
5. Silk Re-Reeling Technology
6. Fluidized Beds to Textile Processing
7. High Alpha Cellulose Pulp for Viscose Rayon
8. Reaction of Cellulose with Crosslinking Agents

9. Cellulose Ethers
10. Nitrocellulose
11. Dissolving Pulp for Rayon Industry
12. Anti-Crease and Antishrink Finishes for Viscous Rayons
13. Crease Resistance of Cellulose Textiles
14. Heat Treatment of Resin-Treated Cellulosic Textiles
15. Tone and Shade Control in Textiles
16. Chlorine Retention of Resin Treated Cellulosic Fibres
17. Printing Impressions
18. Textiles Adhesives
19. Flame Retardants for Textiles
20. Halogenated Flame Retardants
21. Antinomy and Other Organic Compounds
22. Surfactants
23. Chemical used in Textiles

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Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

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Fri, 02 May 2025 03:47:10 +0000