

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Textile Engineering - NOC:New Spinning Technologies

Subject Co-ordinator - Prof. R Chattopadhyay

Co-ordinating Institute - IIT - Delhi

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - New Spinning Technology
- Lecture 2 - Sliver Feed Arrangement
- Lecture 3 - Principle of Yarn Formation
- Lecture 4 - Twist Equation
- Lecture 5 - Rotor: Construction, Geometry and Drive
- Lecture 6 - Package Formation
- Lecture 7 - Significance of Fibre and Process Parameters
- Lecture 8 - Rotor Selection
- Lecture 9 - Spinning Tension
- Lecture 10 - Production and Energy Consumption Calculation
- Lecture 11 - Rotor Yarn: Structure, Properties and Application
- Lecture 12 - Air Jet Spinning: Introduction
- Lecture 13 - High Draft System
- Lecture 14 - Yarn Formation Mechanism
- Lecture 15 - Structure and Characteristics of Air-Jet Yarn
- Lecture 16 - Material and Process Parameters
- Lecture 17 - Friction Spinning: Dref-2
- Lecture 18 - Dref-3 Friction Spinning
- Lecture 19 - Yarn Formation, Structure and Applications
- Lecture 20 - Vortex Spinning
- Lecture 21 - Influence of Machine and Process Parameters
- Lecture 22 - Wrap Spinning
- Lecture 23 - Wrap Spinning (Continued...)
- Lecture 24 - SIRO Spinning
- Lecture 25 - Compact Spinning
- Lecture 26 - Spinning by Adhesive and Felting Process
- Lecture 27 - Self Twist Spinning
- Lecture 28 - Comparative Analysis Between Spinning Technologies
- Lecture 29 - Productivity Enhancement: Limitations

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