

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

NPTEL Video Course - Biotechnology - NOC:Forests and their Management

Subject Co-ordinator - Dr. Ankur Awadhiya

Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - What is a forest ?
Lecture 2 - Classification of forests
Lecture 3 - Value of forests
Lecture 4 - What is Silviculture ?
Lecture 5 - Plant Growth Factors
Lecture 6 - Ecological Succession
Lecture 7 - Soil and Soil Profile
Lecture 8 - Major Soil Types
Lecture 9 - Nutrient Cycles
Lecture 10 - Tree Form
Lecture 11 - Measurement of Tree attributes - I
Lecture 12 - Measurement of Tree attributes - II
Lecture 13 - Classical Tools
Lecture 14 - Photogrammetry
Lecture 15 - LiDAR
Lecture 16 - Kinds of Threats
Lecture 17 - Forest Fire
Lecture 18 - Forest Law
Lecture 19 - Regeneration
Lecture 20 - Silvicultural Systems
Lecture 21 - Clear Felling System
Lecture 22 - Shelterwood System - I
Lecture 23 - Shelterwood System - II
Lecture 24 - Selection System and Irregular Shelterwood System
Lecture 25 - Logging and Processing
Lecture 26 - Growing Stock and Increment
Lecture 27 - Yield and Sustained Yield
Lecture 28 - Seed Collection and Treatment
Lecture 29 - Nursery Techniques

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- Lecture 30 - Planting and Tending
- Lecture 31 - NTFP
- Lecture 32 - Social Forestry and Tribal Welfare
- Lecture 33 - Conservation of Wild Animals
- Lecture 34 - Revision - Part 1
- Lecture 35 - Revision - Part 2
- Lecture 36 - Revision - Part 3