

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

NPTEL Video Course - Chemical Engineering - NOC:Organic Chemical Technology

Subject Co-ordinator - Prof. Nanda Kishore

Co-ordinating Institute - IIT - Guwahati

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

- Lecture 1 - Introduction to Organic Chemical Technology
- Lecture 2 - Basic Unit Processes and Unit Operations of OCT
- Lecture 3 - Introduction to Chemical Plant Design
- Lecture 4 - Edible and Essential Oils
- Lecture 5 - Vegetable Oils and Processing
- Lecture 6 - Processing of Oils and Waxes
- Lecture 7 - Soaps and Glycerine Manufacture
- Lecture 8 - Detergents Manufacture
- Lecture 9 - Carbohydrates Industry - Sugar
- Lecture 10 - Carbohydrates Industry - Refined Sugar
- Lecture 11 - Carbohydrates Industry - Beet Sugar and Starch
- Lecture 12 - Fermentation Industry
- Lecture 13 - Fermentation Industry â€” Ethanol
- Lecture 14 - Fermentation Industry â€” Citric Acid and Penicillin
- Lecture 15 - Pulp and Paper Industry
- Lecture 16 - Pulp and Paper Industry - 2
- Lecture 17 - Pulp and Paper Industry - 3
- Lecture 18 - Petroleum Industry
- Lecture 19 - Petroleum Refinery Products, Characteristics and Processes
- Lecture 20 - Petroleum Refinery Processes
- Lecture 21 - Petroleum Refinery Processes - 2
- Lecture 22 - Chemicals from C1 Compounds: Methanol and Formaldehyde
- Lecture 23 - Chemicals from C1 and C2 Compounds
- Lecture 24 - Chemicals from C2 Compounds
- Lecture 25 - Chemicals from C2 Compounds - 2
- Lecture 26 - Chemicals from C3 Compounds
- Lecture 27 - Chemicals from C3 Compounds - 2
- Lecture 28 - Chemicals from C4 Compounds
- Lecture 29 - Chemicals from Aromatic Compounds

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- Lecture 30 - Chemicals from Aromatic Compounds - Phenol
- Lecture 31 - Chemicals from Aromatic Compounds - 3
- Lecture 32 - Polymer Industry
- Lecture 33 - Polymer Industry - 2
- Lecture 34 - Rubber Industry
- Lecture 35 - Rubber Industry - 2