

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

NPTEL Video Course - Metallurgy and Material Science - Science and Technology of Polymers

Subject Co-ordinator - Prof. B. Adhikari

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Basic Concepts on Polymers
- Lecture 2 - Basic Concepts on Polymers (Continued...)
- Lecture 3 - Basic Concepts on Polymers (Continued...)
- Lecture 4 - Polymer Raw Materials
- Lecture 5 - Principles of Polymer Synthesis
- Lecture 6 - Principles of Polymer Synthesis (Continued...)
- Lecture 7 - Principles of Polymer Synthesis (Continued...)
- Lecture 8 - Principles of Polymer Synthesis (Continued...)
- Lecture 9 - Principles of Polymer Synthesis (Continued...)
- Lecture 10 - Principles of Polymer Synthesis (Continued...)
- Lecture 11 - Structure and Properties of Polymers (Continued...)
- Lecture 12 - Structure and Properties of Polymers (Continued...)
- Lecture 13 - Structure and Properties of Polymers (Continued...)
- Lecture 14 - Structure and Properties of Polymers (Continued...)
- Lecture 15 - Polymerization Techniques
- Lecture 16 - Polymerization Techniques (Continued...)
- Lecture 17 - Polymerization Techniques (Continued...)
- Lecture 18 - Polymer Products
- Lecture 19 - Polymer Products (Continued...)
- Lecture 20 - Rubber Products
- Lecture 21 - Rubber Products (Continued...)
- Lecture 22 - Conducting Polymers
- Lecture 23 - Conducting Polymers (Continued...)
- Lecture 24 - Liquid Crystalline Polymers
- Lecture 25 - Stimuli Responsive Polymer and its application
- Lecture 26 - Stimuli Responsive Polymer and its application (Continued...)
- Lecture 27 - Polymeric Nanomaterials and Devices (Continued...)
- Lecture 28 - Polymeric Nanomaterials and Devices (Continued...)
- Lecture 29 - Polymeric Nanomaterials and Devices (Continued...)

---

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

[www.digimat.in](http://www.digimat.in)

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

---

- Lecture 30 - Environmental Degradation of Polymers
- Lecture 31 - Environmental Degradation of Polymers (Continued...)
- Lecture 32 - Polymer Composites
- Lecture 33 - Polymer Composites (Continued...)
- Lecture 34 - Polymer Composites (Continued...)
- Lecture 35 - Multicomponent Polymeric Materials
- Lecture 36 - Multicomponent Polymeric Materials (Continued...)
- Lecture 37 - Multicomponent Polymeric Materials (Continued...)
- Lecture 38 - Viscoelasticity
- Lecture 39 - Engineering and Speciality Polymers
- Lecture 40 - Engineering and Speciality Polymers (Continued...)