

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

NPTEL Video Course - Metallurgy and Material Science - NOC:Advanced Materials and Processes

Subject Co-ordinator - Prof. Jayanta Das

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction  
Lecture 2 - Introduction (Continued...)  
Lecture 3 - Introduction (Continued...)  
Lecture 4 - Introduction (Continued...)  
Lecture 5 - Introduction (Continued...)  
Lecture 6 - Bulk Metallic Glass, Glassy and Amorphous Materials  
Lecture 7 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 8 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 9 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 10 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 11 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 12 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 13 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 14 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 15 - Bulk Metallic Glass, Glassy and Amorphous Materials (Continued...)  
Lecture 16 - Shape Memory Alloys  
Lecture 17 - Shape Memory Alloys (Continued...)  
Lecture 18 - Shape Memory Alloys (Continued...)  
Lecture 19 - Shape Memory Alloys (Continued...)  
Lecture 20 - Shape Memory Alloys (Continued...)  
Lecture 21 - Shape Memory Alloys  
Lecture 22 - Shape Memory Alloys  
Lecture 23 - Shape Memory Alloys  
Lecture 24 - Shape Memory Alloys  
Lecture 25 - Shape Memory Alloys  
Lecture 26 - Introduction of High Temperature Materials  
Lecture 27 - Introduction of High Temperature Materials (Continued...)  
Lecture 28 - Introduction of High Temperature Materials (Continued...)  
Lecture 29 - Introduction of High Temperature Materials (Continued...)

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

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- Lecture 30 - Introduction of High Temperature Materials (Continued...)
- Lecture 31 - Superalloys
- Lecture 32 - Superalloys (Continued...)
- Lecture 33 - Superalloys (Continued...)
- Lecture 34 - Superalloys (Continued...)
- Lecture 35 - Superalloys (Continued...)
- Lecture 36 - Nanomaterials
- Lecture 37 - Nanomaterials
- Lecture 38 - Nanomaterials
- Lecture 39 - Nanomaterials
- Lecture 40 - Nanomaterials
- Lecture 41 - Nanomaterials
- Lecture 42 - Nanomaterials
- Lecture 43 - Nanomaterials
- Lecture 44 - Nanomaterials
- Lecture 45 - Nanomaterials
- Lecture 46 - Soft and Hard Magnetic Materials
- Lecture 47 - Soft and Hard Magnetic Materials (Continued...)
- Lecture 48 - Soft and Hard Magnetic Materials (Continued...)
- Lecture 49 - Soft and Hard Magnetic Materials (Continued...)
- Lecture 50 - Soft and Hard Magnetic Materials (Continued...)
- Lecture 51 - Advanced Processes
- Lecture 52 - Advanced Processes (Continued...)
- Lecture 53 - Advanced Processes (Continued...)
- Lecture 54 - Advanced Processes (Continued...)
- Lecture 55 - Advanced Processes (Continued...)
- Lecture 56 - Advanced Functional Alloys
- Lecture 57 - Advanced Functional Alloys (Continued...)
- Lecture 58 - Advanced Functional Alloys (Continued...)
- Lecture 59 - Advanced Functional Alloys (Continued...)
- Lecture 60 - Advanced Functional Alloys (Continued...)