

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

NPTEL Video Course - Chemical Engineering - NOC:Soft Nano Technology

Subject Co-ordinator - Dr. R. Mukherjee

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction - 1
Lecture 2 - Introduction - 2
Lecture 3 - Introduction - 3
Lecture 4 - Fundamental Concepts Related to Surface Tension - 1
Lecture 5 - Fundamental Concepts Related to Surface Tension - 2
Lecture 6 - Fundamental Concepts Related to Surface Tension - 3
Lecture 7 - Fundamental Concepts Related to Surface Tension - 4
Lecture 8 - Components of Surface Tension - 1
Lecture 9 - Components of Surface Tension - 2
Lecture 10 - Self Assembly of Surfactant Molecules
Lecture 11 - Laplace Pressure
Lecture 12 - Photo Lithography - 1
Lecture 13 - Photo Lithography - 2
Lecture 14 - Photo Lithography - 3
Lecture 15 - Photo Lithography - 4
Lecture 16 - Photo Lithography - 5
Lecture 17 - Photo Lithography - 6
Lecture 18 - Soft Lithography - I
Lecture 19 - Soft Lithography - 2
Lecture 20 - Soft Lithography - 3
Lecture 21 - Soft Lithography - 4
Lecture 22 - Soft Lithography - 5
Lecture 23 - Soft Lithography - 6
Lecture 24 - Atomic Force Microscope - 1
Lecture 25 - Atomic Force Microscope - 2
Lecture 26 - Atomic Force Microscope - 3
Lecture 27 - Atomic Force Microscope - 4
Lecture 28 - Atomic Force Microscope - 5
Lecture 29 - Atomic Force Microscope - 6

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

- Lecture 30 - Dewetting - 1
- Lecture 31 - Dewetting - 2
- Lecture 32 - VdW Interaction Between Two Surfaces
- Lecture 33 - Interaction Between Two Surfaces - 2
- Lecture 34 - Interaction Between Two Surfaces - 3
- Lecture 35 - Dewetting - 3
- Lecture 36 - Pattern Directed Dewetting - I
- Lecture 37 - Pattern Directed Dewetting - II
- Lecture 38 - Spin Dewetting
- Lecture 39 - Elastic Contact Instability - I
- Lecture 40 - Elastic Contact Instability - II