

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

NPTEL Video Course - Computer Science and Engineering - Introduction to Computer Graphics

Subject Co-ordinator - Prof. Prem K Kalra

Co-ordinating Institute - IIT - Delhi

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

Lecture 1 - Introduction  
Lecture 2 - Raster Graphics  
Lecture 3 - Raster Graphics (Continued...)  
Lecture 4 - Clipping  
Lecture 5 - Polygon Clipping and Polygon Scan Conversion  
Lecture 6 - Transformations  
Lecture 7 - Transformations (Continued...)  
Lecture 8 - 3D Viewing  
Lecture 9 - 3D Viewing (Continued...)  
Lecture 10 - Curves  
Lecture 11 - Assignment - I  
Lecture 12 - Curves (Continued...)  
Lecture 13 - Curves (Continued...)  
Lecture 14 - Curves (Continued...)  
Lecture 15 - Curves (Continued...)  
Lecture 16 - Surfaces  
Lecture 17 - Surfaces (Continued...)  
Lecture 18 - Surfaces (Continued...)  
Lecture 19 - Surfaces (Continued...)  
Lecture 20 - Hierarchical Models  
Lecture 21 - Rendering  
Lecture 22 - Rendering (Continued...)  
Lecture 23 - Rendering (Continued...)  
Lecture 24 - Ray Tracing  
Lecture 25 - Ray Tracing (Continued...)  
Lecture 26 - Ray Tracing (Continued...)  
Lecture 27 - Assignment  
Lecture 28 - Hidden Surface Elimination  
Lecture 29 - Hidden Surface Elimination (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 - Hidden Surface Elimination (Continued...)
- Lecture 31 - Fractals
- Lecture 32 - Fractals (Continued...)
- Lecture 33 - Computer Animation
- Lecture 34 - Animation (Continued...)
- Lecture 35 - Animation (Continued...)