

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

NPTEL Video Course - Electronics and Communication Engineering - NOC:Analog Communication

Subject Co-ordinator - Prof. Goutam Das

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Fourier Series  
Lecture 2 - Fourier Series (Continued...)  
Lecture 3 - Fourier Series (Continued...)  
Lecture 4 - Fourier Series (Continued...)  
Lecture 5 - Fourier Series (Continued...)  
Lecture 6 - Fourier Series (Continued...)  
Lecture 7 - Fourier Series (Continued...)  
Lecture 8 - Fourier Transform  
Lecture 9 - Fourier Transform (Continued...)  
Lecture 10 - Fourier Transform (Continued...)  
Lecture 11 - Fourier Transform (Continued...)  
Lecture 12 - Energy Spectral Density  
Lecture 13 - Power Spectral Density  
Lecture 14 - PSD of Random Signal  
Lecture 15 - Amplitude Modulation  
Lecture 16 - Amplitude Modulation (Continued...)  
Lecture 17 - Amplitude Modulation (Continued...)  
Lecture 18 - Amplitude Modulation (Continued...)  
Lecture 19 - SSB - SC  
Lecture 20 - SSB - SC (Continued...)  
Lecture 21 - VSB-SC  
Lecture 22 - VSB-SC (Continued...)  
Lecture 23 - Effect of Carrier Synchronization  
Lecture 24 - Comparison of Different Modulation Technique  
Lecture 25 - PLL  
Lecture 26 - PLL (Continued...)  
Lecture 27 - PLL (Continued...)  
Lecture 28 - PLL (Continued...) and LTI  
Lecture 29 - Dispersion

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

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- Lecture 30 - Channel Nonlinearities and Multipath Effects
- Lecture 31 - Probability Theory
- Lecture 32 - Probability Theory (Continued...)
- Lecture 33 - Probability Theory (Continued...)
- Lecture 34 - Probability Theory (Continued...)
- Lecture 35 - Probability Theory (Continued...)
- Lecture 36 - Probability Theory (Continued...)
- Lecture 37 - Probability Theory (Continued...)
- Lecture 38 - Random Process
- Lecture 39 - Random Process (Continued...)
- Lecture 40 - Random Process (Continued...)
- Lecture 41 - Random Process (Continued...)
- Lecture 42 - Random Process (Continued...)
- Lecture 43 - Random Process (Continued...)
- Lecture 44 - Noise Analysis - DSB-SC
- Lecture 45 - Noise Analysis - AM
- Lecture 46 - Noise Analysis - SSB-SC
- Lecture 47 - Frequency Modulation
- Lecture 48 - Frequency Modulation (Continued...)
- Lecture 49 - Frequency Modulation (Continued...)
- Lecture 50 - Frequency Modulation (Continued...)
- Lecture 51 - Frequency Modulation (Continued...)
- Lecture 52 - Frequency Modulation (Continued...)
- Lecture 53 - FM Noise Analysis
- Lecture 54 - FM Noise Analysis (Continued...)
- Lecture 55 - FM Noise Analysis (Continued...)>
- Lecture 56 - Sampling Theorem
- Lecture 57 - Sampling Theorem (Continued...)
- Lecture 58 - FDM Vs TDM
- Lecture 59 - Flat Top Vs Natural Sampling
- Lecture 60 - Pulse Coded Modulation