

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

NPTEL Video Course - Electronics and Communication Engineering - Analog Circuits

Subject Co-ordinator - Prof. A.N. Chandorkar

Co-ordinating Institute - IIT - Bombay

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

- Lecture 1 - Introduction to Analog Circuits - An Overview
- Lecture 2 - Two Parts of Review of Analog Filter Approximation
- Lecture 3 - BJT Small Signal Model
- Lecture 4 - BJT Small Signal Model [Continuation from Lecture 3]
- Lecture 5 - MOS Circuit Model
- Lecture 6 - Biasing of Circuits
- Lecture 7 - Amplifiers
- Lecture 8 - MOS Amplifiers
- Lecture 9 - Cascode Amplifier
- Lecture 10 - Frequency Response of Amplifier
- Lecture 11 - Frequency Response of Amplifier
- Lecture 12 - Frequency Response of Amplifier
- Lecture 13 - Frequency Response of Amplifier
- Lecture 14 - Differential Amplifier
- Lecture 15 - Differential Amplifier
- Lecture 16 - Differential Amplifier
- Lecture 17 - Feedback Theory
- Lecture 18 - Feedback Theory
- Lecture 19 - OPAMP Circuits
- Lecture 20 - OPAMP Circuits
- Lecture 21 - Active RC Filters
- Lecture 22 - Active Filters
- Lecture 23 - Oscillators
- Lecture 24 - Oscillators
- Lecture 25 - DAC/ADC

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