

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

NPTEL Video Course - Computer Science and Engineering - NOC:Information Security-3

Subject Co-ordinator - Prof. V. Kamakoti

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Operating System Introduction
Lecture 2 - Storage Hierarchy, Exceptions, Interrupts and traps
Lecture 3 - OS Management Services
Lecture 4 - OS Security Issues
Lecture 5 - Process and Threads
Lecture 6 - Process Scheduling
Lecture 7 - Scheduling Algorithm
Lecture 8 - Process Synchronization
Lecture 9 - Memory Management - 1
Lecture 10 - Memory Management - 2
Lecture 11 - File Systems - 1
Lecture 12 - File Systems - 2
Lecture 13 - Unix Filesystem
Lecture 14 - Unix Filesystem (Continued...)
Lecture 15 - Linux
Lecture 16 - Linux
Lecture 17 - Linux
Lecture 18 - Linux
Lecture 19 - Linux
Lecture 20 - Linux
Lecture 21 - Linux
Lecture 22 - Linux
Lecture 23 - Linux
Lecture 24 - Linux
Lecture 25 - Basic Networking Administration
Lecture 26 - Filesystems and Devices
Lecture 27 - Shell Introduction
Lecture 28 - Shell Comments and Variables
Lecture 29 - Shell Variables

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- Lecture 30 - Shell Arrays and Arithmetic
- Lecture 31 - Shell Condition and Relation
- Lecture 32 - Shell Examples
- Lecture 33 - Shell Functions
- Lecture 34 - Shell File Test
- Lecture 35 - Shell Loop Control
- Lecture 36 - Shell Script Variations
- Lecture 37 - Shell Pattern Matching
- Lecture 38 - Shell Case Statements
- Lecture 39 - Shell Co-routines
- Lecture 40 - Shell Signals and Traps
- Lecture 41 - Shell Subshell
- Lecture 42 - Shell Declarations
- Lecture 43 - Shell Examples 2
- Lecture 44 - Shell Review
- Lecture 45 - An Introduction
- Lecture 46 - Structure of a Network
- Lecture 47 - Network Core - Definition
- Lecture 48 - Network Access and Physical Media
- Lecture 49 - Structure of ISP and Packet Delays
- Lecture 50 - Network Protocol Layers
- Lecture 51 - Network Devices
- Lecture 52 - Network Security - An Introduction
- Lecture 53 - Public Key Cryptography
- Lecture 54 - Digital Signatures
- Lecture 55 - Security in Practise
- Lecture 56 - Security in Practise (Continued...)
- Lecture 57 - Wireshark
- Lecture 58 - Snort
- Lecture 59 - Review I
- Lecture 60 - Review II