

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

NPTEL Video Course - Computer Science and Engineering - Programming and Data Structure

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Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction
Lecture 2 - C Programming - I
Lecture 3 - C Programming - II
Lecture 4 - C Programming - III
Lecture 5 - Data Structuring
Lecture 6 - Data Structuring
Lecture 7 - Data Structuring
Lecture 8 - Problem Decomposition By Recursion - I
Lecture 9 - Problem Decomposition By Recursion - II
Lecture 10 - Problem Decomposition By Recursion - III
Lecture 11 - Merge sort And Quick sort
Lecture 12 - Characters And Strings
Lecture 13 - Arrays
Lecture 14 - Structures - I
Lecture 15 - Structures - II
Lecture 16 - Dynamic Allocation Part - I
Lecture 17 - Linked Lists - I
Lecture 18 - Complexity (Efficiency) of Algorithms
Lecture 19 - Asymptotic Growth Functions
Lecture 20 - Asymptotic Analysis of Algorithms
Lecture 21 - Data Structuring
Lecture 22 - Search Trees
Lecture 23 - Search Trees - II
Lecture 24 - Search Trees - III
Lecture 25 - 2-3 Trees
Lecture 26 - Algorithm Design - I
Lecture 27 - Algorithm Design - II
Lecture 28 - Algorithm Design - III
Lecture 29 - Graphs - I

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Lecture 30 - Graphs - II
Lecture 31 - Graphs - III
Lecture 32 - Conclusions