

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

NPTEL Video Course - Electronics and Communication Engineering - Embedded Software Testing

Subject Co-ordinator - Mr. Madhukeshwara H.M

Co-ordinating Institute - HCL

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

- Lecture 1 - Embedded Systems Basics Session 1
- Lecture 2 - Embedded Systems Basics Session 1 (Continued...)
- Lecture 3 - Prerequistics for Embedded Systems Testing
- Lecture 4 - Test Case Designa and procedures
- Lecture 5 - Test Standards
- Lecture 6 - Depicting Levels of Testing
- Lecture 7 - Depicting Levels of Testing (Continued...)
- Lecture 8 - Software Life Cycle
- Lecture 9 - Embeded V-Model Life Cycle
- Lecture 10 - Embedded V-Model Life Cycle (Continued...)
- Lecture 11 - Master Test Planning
- Lecture 12 - Black Box Testing (Continued...)
- Lecture 13 - Black Box Testing (Continued...)
- Lecture 14 - Dynamic Testing
- Lecture 15 - Black Box Testing
- Lecture 16 - (Lecture Missing)
- Lecture 17 - Black Box Testing (Continued...)
- Lecture 18 - Model Based Design Intro.
- Lecture 19 - Dynamic Testing (Continued...)
- Lecture 20 - White Box Testing
- Lecture 21 - White Box Testing (Continued...)
- Lecture 22 - Grey-box testing
- Lecture 23 - Static Testing
- Lecture 24 - Static Analysis
- Lecture 25 - Static Analysis (Continued...)
- Lecture 26 - Static Analysis (Continued...)
- Lecture 27 - Test Metrics
- Lecture 28 - Software Testing Metrics
- Lecture 29 - Integration Test Strategy

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- Lecture 30 - Integration Tests Environment
- Lecture 31 - Use Case Diagram
- Lecture 32 - Depicting Levels of Testing (Continued...)
- Lecture 33 - Configure Management Elements
- Lecture 34 - SCM Activities
- Lecture 35 - Test Management Tool
- Lecture 36 - SCM Activities (Continued...)
- Lecture 37 - Overview Lecture 1
- Lecture 38 - Unit Testing
- Lecture 39 - Unit Testing (Continued...)
- Lecture 40 - Understanding C++
- Lecture 41 - Unit Testing (Continued...)
- Lecture 42 - Level Testing
- Lecture 43 - Identify Test Cases
- Lecture 44 - Test Link Work Flow