

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

NPTEL Video Course - Electrical Engineering - NOC:Usability Engineering

Subject Co-ordinator - Prof. Debayan Dhar

Co-ordinating Institute - IIT - Guwahati

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

Lecture 1 - Introduction to Usability
Lecture 2 - Usability - Historical Foundations
Lecture 3 - Standard Terminologies
Lecture 4 - Elements of User Experience
Lecture 5 - Usability in software development - I
Lecture 6 - Usability in software development - II
Lecture 7 - User Centered Design Process - I
Lecture 8 - User Centered Design Process - II
Lecture 9 - User Centered Design Process - III
Lecture 10 - Requirement Analysis - I (A)
Lecture 11 - Requirement Analysis - I (B)
Lecture 12 - Requirement Analysis - I (C)
Lecture 13 - Requirement Analysis - I (D)
Lecture 14 - Requirement Analysis - I (E)
Lecture 15 - Requirement Analysis - I (F)
Lecture 16 - Requirement Analysis - II (A)
Lecture 17 - Requirement Analysis - II (B)
Lecture 18 - Requirement Analysis - II (C)
Lecture 19 - Requirement Analysis - II (D)
Lecture 20 - Requirement Analysis - III (A)
Lecture 21 - Eye Tracker
Lecture 22 - Demonstration of an Eye tracking device
Lecture 23 - Requirement Analysis - III (B)
Lecture 24 - Mapping Experiences
Lecture 25 - Cognitive Issues - I
Lecture 26 - Cognitive Issues - II
Lecture 27 - Cognitive Issues - III
Lecture 28 - Cognitive Issues - IV
Lecture 29 - Competitive analysis and preparing for design briefing - I

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- Lecture 30 - Competitive analysis and preparing for design briefing - II
- Lecture 31 - Conceptualization and Prototyping - I (A)
- Lecture 32 - Conceptualization and Prototyping - I (B)
- Lecture 33 - Conceptualization and Prototyping - I (C)
- Lecture 34 - Conceptualization and Prototyping - II (A)
- Lecture 35 - Conceptualization and Prototyping - II (B)
- Lecture 36 - Usability heuristics and testing - I
- Lecture 37 - Usability heuristics and testing - II
- Lecture 38 - Usability heuristics and testing - III
- Lecture 39 - Usability Testing (A)
- Lecture 40 - Usability Testing (B)
- Lecture 41 - Usability Testing (C)
- Lecture 42 - UI/UX design based on Garret model: a case study
- Lecture 43 - Effective contextual enquiry
- Lecture 44 - Contextual enquiry: case study