

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

NPTEL Video Course - Computer Science and Engineering - NOC:Human Computer Interaction (Hindi and English)

Subject Co-ordinator - Prof. Rajiv Ratn Shah

Co-ordinating Institute - IIIT - Delhi

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

- Lecture 1 - Introduction to Human-Computer Interaction (HCI) - Part 1
- Lecture 2 - Introduction to Human-Computer Interaction (HCI) - Part 2
- Lecture 3 - Good Design Vs Bad Design
- Lecture 4 - HCI Project
- Lecture 5 - Design - Part 1
- Lecture 6 - Design - Part 2
- Lecture 7 - Inclusivity, Accessibility and Design Principles
- Lecture 8 - Canva
- Lecture 9 - Interaction - Part 1
- Lecture 10 - Interaction - Part 2
- Lecture 11 - Interaction Design Process
- Lecture 12 - Prototyping with Figma
- Lecture 13 - User Perspective - Part 1
- Lecture 14 - User Perspective - Part 2
- Lecture 15 - User Perspective
- Lecture 16 - Miro
- Lecture 17 - Mental/conceptual model
- Lecture 18 - Interface - Part 1
- Lecture 19 - Interface - Part 2
- Lecture 20 - Cognitive Aspects in Human-Computer Interaction
- Lecture 21 - Introduction to Behance
- Lecture 22 - Data Requirement, Gathering, and Analysis
- Lecture 23 - Data Gathering and Analysis
- Lecture 24 - Panel Discussion: Ethics, Techniques, and Analysis in Data Gathering
- Lecture 25 - IRB Overview
- Lecture 26 - Prototyping and Smart UI - Part 1
- Lecture 27 - Prototyping and Smart UI - Part 2
- Lecture 28 - Hands-on Prototyping Techniques
- Lecture 29 - Prototyping for Human-Computer Interaction

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

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- Lecture 30 - Evaluation
- Lecture 31 - Evaluation Techniques
- Lecture 32 - Illustrator
- Lecture 33 - Iterative design and evaluation
- Lecture 34 - IoT and HCI
- Lecture 35 - IoT and HCI
- Lecture 36 - HCI and AI
- Lecture 37 - LLM and HCI Tutorial
- Lecture 38 - AI-Powered Tools for Content Generation and Analysis: Kyron
- Lecture 39 - AI-Powered Tools for Content Generation and Analysis: Firefly, Audino
- Lecture 40 - Privacy, Security, and HCI
- Lecture 41 - HCI and AI in Conversational Systems
- Lecture 42 - Human Centered AI for Autism Diagnosis
- Lecture 43 - Conversational AI: Human-Centric Interaction through HCI and NLP
- Lecture 44 - WAYV: Braille Assistive Gloves