

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

NPTEL Video Course - Multi Disciplinary - NOC:Designing Learner-Centric e-Learning in STEM Disciplines

Subject Co-ordinator - Prof.Sahana Murthy

Co-ordinating Institute - IIT - Bombay

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

Lecture 1 - Course Preview
Lecture 2 - What is this course about?
Lecture 3 - Course Format_Learner Centric MOOC (LCM)
Lecture 4 - E-Learning in STEM
Lecture 5 - Making online Teaching Decisions
Lecture 6 - Challenges in e-learning
Lecture 7 - What is Learner-centric Approach?
Lecture 8 - Promoting Learner Engagement with Content
Lecture 9 - Why and How to Design Interactive Videos?
Lecture 10 - What is an LeD?
Lecture 11 - Learning by Doing (LbD)
Lecture 12 - Articulation and Reflection
Lecture 13 - Construct your Own Understanding
Lecture 14 - Contextualized Learning
Lecture 15 - Feedback to Learners
Lecture 16 - Collaboration and Peer Learning
Lecture 17 - Addressing Diversity
Lecture 18 - Putting it All Together
Lecture 19 - Selection and Analysis of Effective Technology
Lecture 20 - Effective Integration of Technology
Lecture 21 - Instructional Design in e-learning
Lecture 22 - ADDIE Process of Instructional Design
Lecture 23 - Constructive Alignment
Lecture 24 - Implementing constructive alignment
Lecture 25 - Multimedia Principle and Contiguity Principle
Lecture 26 - Modality Principle and Redundancy Principle
Lecture 27 - Coherence Principle
Lecture 28 - Segmenting and Personalization Principles
Lecture 29 - Visual Communication Strategies for E-content

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- Lecture 30 - Forms of Learning
- Lecture 31 - Integrating LC Elements in E-content
- Lecture 32 - E-learning Design Process
- Lecture 33 - Closing