NPTEL Video Course - Computer Science and Engineering - NOC:Introduction to Database Systems

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Co-ordinating Institute - IIT - Madras

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

Lecture 30 - Index structures
Lecture 31 - B+ trees on Disks
Lecture 32 - Performance and Reliability of Multiple Disks
Lecture 33 - Relational Query Evaluation
Lecture 34 - Join operator processing algorithms
Lecture 35 - Query optimization
Lecture 36 - ACID properties and operations in transactions
Lecture 37 - Schdeules
Lecture 38 - Concurrency control using Locks
Lecture 39 - Recovery using undo logging method
Lecture 40 - Recovery using Redo and Undo-Redo logging methods
Lecture 41 - Recoverable schdeules and transaction isolation levels