

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

NPTEL Video Course - Computer Science and Engineering - NOC:Fundamentals of Database Systems

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Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - Introduction to Databases
Lecture 2 - Relational Data Model
Lecture 3 - Relational Algebra Basic Operators
Lecture 4 - Relational Algebra Composition of Operators
Lecture 5 - Relational Algebra Additional Operators
Lecture 6 - Relational Algebra Extended Relational Algebra
Lecture 7 - Relational Algebra
Lecture 8 - SQL
Lecture 9 - SQL
Lecture 10 - SQL
Lecture 11 - SQL
Lecture 12 - Normalization Theory
Lecture 13 - Normalization Theory
Lecture 14 - Normalization Theory
Lecture 15 - Normalization Theory
Lecture 16 - Normalization Theory
Lecture 17 - Physical Design
Lecture 18 - Database Indexing
Lecture 19 - Database Indexing
Lecture 20 - Query Processing
Lecture 21 - Query Processing
Lecture 22 - Query Processing
Lecture 23 - Query Processing
Lecture 24 - Query Optimization
Lecture 25 - Query Optimization
Lecture 26 - Query Optimization
Lecture 27 - Query Optimization
Lecture 28 - Database Transactions
Lecture 29 - Database Transactions

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- Lecture 30 - Recovery Systems
- Lecture 31 - Recovery Systems
- Lecture 32 - Recovery Systems
- Lecture 33 - Schedules
- Lecture 34 - Schedules
- Lecture 35 - Schedules
- Lecture 36 - Schedules
- Lecture 37 - Schedules
- Lecture 38 - Concurrency Control
- Lecture 39 - Concurrency Control
- Lecture 40 - Concurrency Control
- Lecture 41 - Concurrency Control
- Lecture 42 - Concurrency Control
- Lecture 43 - Concurrency Control
- Lecture 44 - Concurrency Control
- Lecture 45 - NoSQL
- Lecture 46 - NoSQL
- Lecture 47 - NoSQL
- Lecture 48 - Big Data