NPTEL Video Course - Computer Science and Engineering - NOC:Data Base Management System

Subject Co-ordinator - Prof. Partha Pratim Das

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Course Overview
Lecture 2 - Introduction to DBMS/1
Lecture 3 - Introduction to DBMS/2
Lecture 4 - Introduction to Relational Model/1
Lecture 5 - Introduction to Relational Model/2
Lecture 6 - Introduction to SQL/1
Lecture 7 - Introduction to SQL/2
Lecture 8 - Introduction to SQL/3
Lecture 9 - Intermediate SQL/1
Lecture 10 - Intermediate SQL/2
Lecture 11 - Advanced SQL
Lecture 12 - Formal Relational Query Languages
Lecture 13 - Entity-Relationship Model/1
Lecture 14 - Entity-Relationship Model/2
Lecture 15 - Entity-Relationship Model/3
Lecture 16 - Relational Database Design
Lecture 17 - Relational Database Design (Continued...)
Lecture 18 - Relational Database Design/3
Lecture 19 - Relational Database Design (Continued...)
Lecture 20 - Relational Database Design/5
Lecture 21 - Application Design and Development/1
Lecture 22 - Application Design and Development/2
Lecture 23 - Application Design and Development/3
Lecture 24 - Storage and File Structure/1
Lecture 25 - Storage and File Structure/2
Lecture 26 - Indexing and Hashing/1
Lecture 27 - Indexing and Hashing/2
Lecture 28 - Indexing and Hashing/3
Lecture 29 - Indexing and Hashing/4

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Lecture 30 - Indexing and Hashing/5
Lecture 31 - Transactions/1
Lecture 32 - Transactions/2
Lecture 33 - Transactions/3
Lecture 34 - Concurrency Control/1
Lecture 35 - Concurrency Control/2
Lecture 36 - Recovery/1
Lecture 37 - Recovery/2
Lecture 38 - Query Processing and Optimization/1
Lecture 39 - Query Processing and Optimization/2
Lecture 40 - Course Summarization
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