



E0 361 January 3:1

Topics in Database Systems

Instructor

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Teaching Assistant

Email:

Department: CSA

Course Time:

Lecture venue:

Detailed Course Page: <http://dsl.cds.iisc.ac.in/~course/TIDS/TIDS.html>

Announcements

Brief description of the course

Recent research trends and directions in database management systems.

Prerequisites

Graduate course in Database Management Systems (e.g. E0 261)

Syllabus

Database Testing, Multidimensional Databases, Keyword Interfaces to Databases, Uncertain Databases,

Stream Databases, Biological Databases, Graph Databases

Course outcomes

The students would gain a close understanding of the current research trajectories in the international database community, receive training in reading and critiquing research papers, and gain experience in constructing and delivering effective research presentations.

Grading policy

Oral Presentations: 30%, Written Reviews: 40%; Term Project: 20%, Class Participation: 10%

Assignments

Resources

ACM and IEEE Digital Libraries