Evaluation of Students in the Course: Advanced Database Systems (IT60113)

Mid-sem (30%)
End-Sem (50%)
Teacher's Assessment (20%)
- Attendance (4%)
- 2 Class Tests (6%)
- Term Paper (4%)
- Term Project (6%)

<u>Any student will be de-registered if he/she fails to attend class more than twice during the semester without any medical reason or prior permission.</u>

Details of Term Paper and Term Project

Team Formation: Each team will have a maximum of two members.

Term Paper: Go through the papers published in journals and conferences during the period 2003-2007 related to Database Systems (Some of the popular journals and conferences are mentioned below). Identify a topic that interests you. Do a detailed literature survey for the selected topic. Highlight the solution you feel is the best. Suggest an improvement on this solution. Submit your term paper written in your **<u>own language</u>** (about 10 pages in length) in pdf format by email to your instructor at:

Shamik@sit.iitkgp.ernet.in

The format of the term paper should be as follows:

1. Title
2. Authors
3. Affiliations
4. Abstract
5. Introduction containing literature survey
6. Problem definition
7. Existing solutions
8. New suggestion
9. Plan for implementation
10. References

<u>Term Paper Submission Deadline: September 15<u>th</u>, 2008.</u>

Term Project: Implement the improvement you have suggested in the term paper. If it is a theoretical work, provide your theoretical proof. The term project should be demonstrated to your instructor. The term project report (about 12 pages in length) will be in the following format:

1. Title
2. Authors
3. Affiliations
4. Abstract
5. Introduction containing literature survey
6. Problem definition
7. Existing solutions
8. New suggestion
9. Implementation Details
10. Results
11. Conclusions
12. References

Term Project Submission Deadline: November 10th, 2008.

It is important that you write your term paper and term project report in your own language. For any kind of plagiarism, zero marks will be awarded without any consideration.

Sample Term Paper
Sample Term Project Report

Selected List of Journals and Conferences in which papers related to Database Management Systems are published.

Journals

IEEE Transactions on Knowledge and Data Engineering (TKDE)
ACM Transactions on Database Systems (TODS)
The VLDB Journal
Information Systems

Conferences

ACM-SIGMOD International Conference on Management of Data (SIGMOD)
International Conference on Very Large Databases (VLDB)
ACM Symposium on Principles of Database Systems (PODS)
International Conference on Data Engineering (ICDE)
International Conference on Database Theory (ICDT)