Evaluation of Students in the Course: Data Warehousing and Data Mining (IT60107)

Mid-sem (30%)
End-Sem (50%)
Teacher's Assessment (20%)
- Attendance (6%)
- Class Test 1 (4%) (**August 24th, 2011**)
- Term Paper (4%)
- Term Project (6%)

*–For every two days of absence, one mark will be deducted. This can also lead to negative marks in attendance to be adjusted against other components of evaluation. A student will be de-registered if his/her attendance is found to be unsatisfactory.

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 2008-2011 related to Data Warehousing and Data Mining (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 **own language** (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

Term Paper Submission Deadline: September 15th, 2011.

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

<u>Term Project Submission Deadline: November 10<u>th</u>, 2011.</u>

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

Sample Term Paper
Sample Term Project Report

Selected List of Journals and Conferences in which papers related to Data Warehousing and Data Mining are published.

Journals

IEEE Transactions on Knowledge and Data Engineering (TKDE)
ACM Transactions on Database Systems (TODS)
The VLDB Journal
International Journal of Data Warehousing and Mining

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)
International Conference on Information and Knowledge Management (CIKM)
International Conference on Knowledge Discovery and Data Mining (KDD)
Pacific Asia Knowledge Discovery and Data Mining (PAKDD)