

Evaluation of Students in the Course: Soft Computing Applications (IT60108)

Mid-sem (30%)

End-Sem (50%)

Teacher's Assessment (20%)

- Attendance (4%)*
- Class Test 1 (6%) (on 28th January, 2009)
- Term Paper (4%)
- Term Project (6%)

* For each 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 marks.

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 2004-2008 related to Soft Computing (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 Report Submission Deadline: February 19th, 2009.

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: April 12th, 2009.

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.

Selected List of Journals and Conferences in which papers related to Information and System Security are published.

Journals

IEEE Trans. on Neural Networks
IEEE Trans. on Fuzzy Systems
IEEE Trans. on SMC
IEEE Trans. on Evolutionary Computation
Information Sciences
Neurocomputing
Neural Networks Journal

Conferences

FUZZ-IEEE: IEEE Conference on Fuzzy Systems
ICONIP
World Congress on Computational Intelligence
International Joint Conference on Neural Networks
International Conference on Artificial Intelligence and Soft Computing
International Conference on Recent Advances in Soft Computing
Pattern Recognition and Machine Intelligence