

## 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 31<sup>st</sup> January, 2007)
- Term Paper (4%)
- Term Project (6%)

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.

### 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 2002-2006 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](mailto: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 19<sup>th</sup>, 2007.**

**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 15<sup>th</sup>, 2006.**

**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