

## **Evaluation of Students for the Course: Information and System Security (IT60112)**

Mid-sem (30%)

End-Sem (50%)

Teacher's Assessment (20%)

- Attendance (5%)\*
- Class Test 1 (5%) (on 3<sup>rd</sup> February, 2017)
- Term Paper (4%) (Due date 10<sup>th</sup> February, 2017)
- Term Project (6%) (Due date 11<sup>th</sup> April, 2017)

**\* For every one day of absence, 0.5 mark will be deducted. This may also lead to negative marks in attendance to be adjusted against other components of evaluation.**

**If absence is due to ill-health or other genuine reason like mess duty, an application to that effect should be submitted with relevant documents on the next day the student attends class. Such requests will not be entertained later.**

**A student may be de-registered anytime if his/her attendance falls below 75%. Once a student is de-registered, there will be no revoking of the de-registration decision.**

### Details of Term Paper and Term Project

**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. For any doubt on what is meant by plagiarism, meet your instructor within one month of the start of the semester.**

**Team Formation:** Each team will have one member.

**Term Paper:** Go through the papers published in journals and conferences during the period 2012-2016 related to information and system security (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@cse.iitkgp.ernet.in](mailto:Shamik@cse.iitkgp.ernet.in) or [shamik.sural@gmail.com](mailto:shamik.sural@gmail.com)

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: 10<sup>th</sup> February, 2017.**

**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 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

Implemented system/theoretical proof may have to be demonstrated/presented as a seminar.

**Term Project Report Submission Deadline: 11<sup>th</sup> April, 2017.**

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

**Journals**

ACM Transactions on Database Systems  
ACM Transactions on Information and System Security  
Journal of ACM  
Communications of the ACM  
IEEE Security and Privacy  
IEEE Transactions on Dependable and Secure Computing  
Journal of Computer Security  
Elsevier Computers & Security

**Conferences**

IEEE Symposium on Security and Privacy  
ACM Conference on Computer and Communications Security

ESORICS  
ASIACCS  
ICISS  
ACM SACMAT