Information Systems Security
Autumn 2009-10

Credits: 3-0-2-4

Instructor: Dr. Anish Mathuria, Room 1105, Faculty Block 1
Lectures: TWR, 2-3 PM, CEP 102
Labs: see timetable

Objectives: To understand information security concepts, threats, vulnerabilities, and countermeasures.

Contents: Basic security concepts; types and uses of cryptographic algorithms; public key infrastructures; authentication protocols; web security; firewalls; operating system security; security policies and models; malicious code; security vulnerabilities in software.

Main References


Additional references in course reserve held in RC

Evaluation

- In-semester exams (at least one, possibly two): 30%
- End-sem exam: 30%
- Assignments/Quizzes: 20%
- Labs: 20%