



**Course Name:** IS Risk Analysis and System Audit

**(UG/PG):** PG

**Number of Credits:** 3

**Level:** 4

**Learning Objective(s):** This course introduces concepts and methodology that are used to analyze and mitigate the impact of security threats to the assets of their organizations.

The course is based on ISO 27000 standards. The course covers theoretical concepts of risk analysis, system security, policy implementation and auditing.

**Pedagogy:**

Lectures  
Class work discussion  
Case studies

**Pre-learning:**

Knowledge of networking – infrastructure, security

**Course Outline:**

Sr.No.	Topic	Hours
1	Introduction	1
2	Asset Management	10
3	Risks and Threats	2
4	Risk Assessment	10
5	Information Security Standards	8
6	Implementation Security Policies	8
7	Information Security Audit	6
	<b>Total</b>	<b>45</b>

**Books Recommended:**

**Suggested Evaluation Methods:**

Academic Year 2017-18 M Sc CA

**Parallel/Similar courses the existing curriculum:**

S.No.	Name of the course	Institute where it was offered

Name of Member					
Designation					
Org. / Inst.					
Signature					

Name of the Expert:

Signature:

Date: