

## GSP212 Cyber Security: Threats and Measures

**Level:** 2

**Credit Units:** 2.5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY REGULAR SEMESTER

### Synopsis:

Our digital persona is rapidly becoming more and more important, and risks connected to it are increasingly tangible. Compromised digital identity can lead to significant disturbances in life, reputational and monetary loss, or even losing a job and a place to live. In this course, students will discover the risks and dangers of a compromised digital identity, and learn to evaluate security and privacy metrics and to systematically secure their digital presence, both work-related and personal.

### Topics:

- Importance and risks of personal cyber security
- Digital identities
- Authentication and authorisation
- Securing devices and digital data
- Protecting against virus, malware, phishing and spam
- Using internet and messaging securely

### Learning Outcome:

- Explain the importance and risks of personal cyber security.
- Describe authentication and authorisation measures.
- Discuss ways to secure digital data.
- Demonstrate ability to assess security of one's digital identity.
- Implement measures to protect all aspects of digital life.
- Practise proper cyber hygiene.

### Assessment Strategies - Regular Semester (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	QUIZ 1	30
	TUTOR-MARKED ASSIGNMENT 1	30
	TUTOR-MARKED ASSIGNMENT 2	40
<b>Total</b>		<b>100</b>

\*The information listed is subject to review and change.

