

PG Department of CA & AI



AN INTRODUCTION TO CYBER ATTACKS & SECURITY and IoT

Value Added Course 2023 -24

Duration : 30 hours

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Objectives

- The course aims to introduce the students with the fundamentals of Cyber Attack.
- To prevent data breaches and identity theft by safeguarding sensitive information from hackers, cybercriminals, and other malicious actors.

Expected Outcome

- IoT has the potential to improve several areas, including: healthcare, education, utilities, infrastructure, buildings, environment and culture...

Syllabus

- **Module 1** - Introduction to IoT
- **Module 2** - IoT Architecture and Working
- **Module 3** - Introduction to Cyber Attacks
- **Module 4** - Introduction to Cyber Security

**THIS COURSE IS
DESIGNED TO
INTRODUCE
STUDENTS
TO THE
WORLD OF IOT
AND WITH ITS
PRACTICAL
APPLICATIONS**

Duration : 30 hours

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