

POST GRADUATE DIPLOMA COURSES

PG DIPLOMA IN CYBER SECURITY

With the rapid adoption of digital technologies for every aspect of our life, more and more sensitive information is now getting exposed to the internet. As a result, data security has taken the Centre stage and has become the most important area. This has given rise to tremendous demand for qualified data security professionals from business, government, healthcare, educational and various other industries. However, at present, the supply is far below the demand and needs immediate focus. Department has introduced a PG Diploma course in Cyber Security in the academic year 2020. This is expected to help the cause of improving the supply.

Duration – One year (Compulsory Internship at Industry in second semester)

Eligibility – Graduate from any discipline

Outcome – Students will be industry-ready with the following knowledge:

1. Knowledge on Cyber security concepts and tools
2. Engineering aspects of securing data
3. Skills for application of Cyber security in functional areas

Syllabus

SUMMARY OF CREDITS

Total hrs in the semester	Credit	Number of hrs per week	Title	Code number
Semester -I				
45	3	3	Introduction to Ethical Hacking	PGDCS 1120
45	3	3	Scanning, Enumeration and Penetration Techniques	PGDCS 1220
45	3	3	Report Writing and Mitigation	PGDCS 1320
45	3	3	Governance Risk and Compliance	PGDCS 1420
PRACTICALS				

30	1	2	Cyber Security Lab	PGDCS1P1
60	2	4	Mini Project	PGDCS1P2
Semester –II				
800	25	50	Internship based project	PGDCS2P1