Certificate Course in Information Security

Objective of the Course:
This course focusses on the models, tools, and techniques for enforcement of security with some emphasis on the use of cryptography. Students will learn security from multiple perspectives.

Learning Outcomes:

After the completion of the course, the students will be able to develop basic understanding of security, cryptography, system attacks and defences against them.

Duration of the Course: 40 hrs
(in hours)

Minimum Eligibility Criteria: 12th Passed with basic computer and networking knowledge.

Outline of Course

S. No	Topic	Hours
1.	Introduction to Computer and Computer Network	4hrs
2.	Introduction to Cyber Security and Threats	6hrs
3.	General Computer Security Concepts	10hrs
4.	How to use Internet Safely	8hrs
5.	Wireless Security	4hrs
6.	Filtering Services	4hrs

Theory / Lecture Hours: Practical /	40 hrs
Project Hours:	40 hrs
Total Hours:	40 hrs

Books Recommended for Reading and Reference:
1. Network Security Essentials by William Stallings (author)