



PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Kurukshetra University, Kurukshetra)



B. Tech. Computer Science & Engineering in Cyber Security

About the Programme

B.Tech. CSE in Cyber Security imparts knowledge about the body of technologies, process and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access.

Cyber Security is a science pertaining to legal evidence found in cyberspace and digital storage media. The programme addresses the underlying need for cyber experts as the country is heading towards an internet explosion mostly fueled by E-commerce, E-banking, E-governance and social media.

The programme trains students to maintain a digital document chain for any structured investigation to find out exactly what happened on a computing device and who was responsible for it.

This is an industry-driven programme that covers the introduction to Open Source Software and Open Standards, HTML programming, Dynamic Paradigm in Business Analytics & Optimization, Business Strategy and Analytics. This programme helps prepare students for careers in the "economy of tomorrow" industries.

This course is for individuals who...

Seek in-depth specialisation in the fields of cybersecurity, cyber threat intelligence and digital forensics. One can gain advanced and in-depth knowledge of penetration testing, Cyber Security, malware reverse engineering and software vulnerability and can exploit research using hands-on approach. Railways, airports, bridges, harbours, dams, irrigation projects, power plants, Water and Sewage treatment system.



Students who are looking for...

A career with exceptional prospective fields and challenging roles in a futuristic industry. The financial security, the freedom to relocate, lifelong prospects of learning makes this programme an ideal career for computer science enthusiasts.

After completing B.Tech. Cyber Security course, Graduates will be able to find a decent jobs as:

Career Opportunities:

- Malware Analyzer
- Penetration Tester
- Information Security Manager
- Security Consultant
- Forensics Investigator
- Security Programmer



Scope:

- Cyber Security has firm scope in IT firms, Tech firms, Software Development firms, IT Security Firms, Computer security firms, IT Consultancies, Tech Consultancies, Data Security Firms, Banks (Technical Backend Team), Business firms (Technical Backend Team), MNCs (Technical Backend Team), telecommunication firms

