

(Bachelor of Vocation) – Cyber Security

Duration: 3 Years (6 Semesters)

Program Type: Undergraduate Degree

Credits: 120–140 (varies by university)

Semester I

Subject Code	Subject Name
CS101	Fundamentals of Information Technology
CS102	Computer Hardware & Networking Basics
CS103	Programming in C
CS104	Cyber Security Fundamentals
CS105	Communication Skills
CS106P	IT & Cyber Security Lab-I

Semester II

Subject Code	Subject Name
CS201	Operating Systems
CS202	Database Management Systems
CS203	Network Security
CS204	Web Technologies
CS205	Environmental Studies
CS206P	Cyber Security Lab-II

Semester III

Subject Code	Subject Name
CS301	Ethical Hacking Fundamentals
CS302	Cryptography & Information Security
CS303	Linux Administration
CS304	Secure Coding Practices
CS305	Employability Skills
CS306P	Ethical Hacking Lab

Semester IV

Subject Code	Subject Name
CS401	Cyber Laws & Digital Forensics
CS402	Penetration Testing
CS403	Cloud Security
CS404	Security Operations Center (SOC)
CS405	Entrepreneurship Development
CS406P	Digital Forensics Lab

Semester V

Subject Code	Subject Name
CS501	Incident Response & Management
CS502	Malware Analysis
CS503	Wireless Network Security
CS504	Vulnerability Assessment
CS505	Project Work-I
CS506P	Advanced Cyber Security Lab

Semester VI

Subject Code	Subject Name
CS601	Cyber Threat Intelligence
CS602	Security Audit & Compliance
CS603	Artificial Intelligence in Cyber Security
CS604	Cyber Risk Management
CS605	Major Project / Internship
CS606V	Viva Voce