

I Semester



- Computational Physics
- Computational Mathematics
- Electrical and Electronics for Computational Thinking
- Mind Management and Human Values-1
- Cyber security Landscape
- Communicative English
- Computational Chemistry
- PCL1-Research and Entrepreneurship Project

II Semester



- Computer Networks
- Programming in JAVA
- Workshop Practices
- Network Security
- Data Structures and Algorithms
- Database Management Systems
- Enterprise and Infrastructure Security
- Python Programming
- Mind Management and Human Values-II
- Project-I

III Semester



- Web Application Security
- Foundations of Cloud Computing
- Probability and Vector Space
- Operating Systems
- Scripting for Hackers
- Business Communication and Storytelling
- Foundations of Mathematics I
- Cloud Security
- Elective-1
- Open Elective-1
- PCL-Project Centric Learning

IV Semester



- Assembly C
- Ethical Hacking-1
- Biology for Engineers
- Foundations of Mathematics II
- Threat Analysis and Reverse Engineering
- Standardization
- Environmental Studies
- Internship-1
- Project-II

V Semester



- Digital Forensics
- Data Protection and Data Security
- Indian Constitution
- Disaster Recovery
- Elective-2
- Leadership and Negotiation skills
- Mobile Forensics and Security
- Scientific Writing
- Open Elective-2
- PCL-Project Centric Learning

VI Semester



- Ethical Hacking-2
- Cyber Law
- Elective-3
- Ethics and Values (CSR)
- Internship-2
- Internship-2
- Project -III

VII Semester



- Cyber Risk Analysis
- Cyber security Administration
- Intellectual Property Rights
- Pen Testing
- Elective-4
- Open Elective-3
- Open Elective-4
- Elective-5
- Project-IV

VIII Semester



- Internship -3
- Research

Department Specific Electives				
Elective – I	Elective – II	Elective – III	Elective – IV	Elective V
Network Defense	Cryptography	Social Network Analytics	MAC OS Control Bypass	Environmental Social and Governance Computing
Introduction to AI (Artificial Intelligence) and ML	Data Analytics and Machine Learning for Cybersecurity	Introduction to Natural Language Processing	Wireless Security	Applications of AI
Internet of Things (IoT)	Secure Software Life Cycle Management	Building Customized Solution with UI/UX	Blockchain Technology	IoT Security 4.0

Computer Science and Engineering (Open Elective Baskets)			
Sl. No	Finance and Accounting	Entrepreneurship and new venture creation	Marketing and Management
1	Finance for non-finance professionals	Entrepreneurship Theory and Practice	Marketing Management
2	Wealth Management	Launching and managing an enterprise	Consumer Behavior
3	Indian Financial System	Business Plan and Project Implementation	Brand Management
4	Financial Reporting	Sustainable Entrepreneurship	Product Management