

## I Semester

Course Code	Course Title
24BCA2T411	C Programming
24BCA2L211	C Programming Practical
24BCA2T412	Computing and Programming Fundamentals
24BCA2L212	Computing and Programming Fundamentals Practical
24BCY2T411	Cyber Security Essentials
24ENG1T312	Musings in English Literature
Any One to be Opted	
24KAN1T313	Saahithya Chinthana I
24HIN1T313	Hindi Nibandh Saahitya aur Karyalayi Hindi
24AEN1T311	Listening and Comprehension in English
24ESC1T311	Environmental Studies and Conservation
24SEC4A111	Skill Enhancement Course: Life Skills Education

## II Semester

Course Code	Course Title
24BCA2T421	Data Structures
24BCA2L221	Data Structures Practical
24BCY2T421	Principles of Operating System and Linux Administration
24BCY2L221	Principles of Operating System and Linux Administration Practical
24BCY2T422	Basic Mathematical Concepts
24ENG1T322	Glimpses: Readings from English Literature
Any One to be Opted	
24KAN1T323	Saahithya Chinthana II
24HIN1T323	Hindi Kahani Sahitya aur Prayojan Mulak Hindi
24AEN1T321	Conversation Practice in English
24INC1T321	India and Indian Constitution
24SEC4A121	Skill Enhancement Course: Yoga and Wellness

## III Semester

Course Code	Course Title
24BCA2T431	Java Programming
24BCA2L231	Java Programming Practical

24BCY2T431	Database Management System
24BCY2L231	Database Management System Practical
24BCY2T432	Computer Network Layers and Vulnerabilities
24ENG1T332	Symphony of English Literature
Any One to be Opted	
24KAN1T333	Saahithya Chinthana III
24HIN1T333	Hindi Kavitha aur Computer Anuprayog
24AEN1T331	Essential English Reading
24DGE6T231	Digital Engineering
24SEC4A232	Skill Enhancement Course: Financial Education and Investment Awareness

#### IV Semester

Course Code	Course Title
24BCA2T441	Software Engineering
24BCY2T441	Cryptography and Cyber Security
24BCY2L241	Cryptography and Cyber Security Practical
24CCA2T441	Python Programming
24CCA2L241	Python Programming Practical
24ENG1T342	Ruminations of English Literature
Any One to be Opted	
24KAN1T343	Saahithya Chinthana IV
24HIN1T343	Hindi Natak Sahitya aur Antarjaal par Patrikanye, Chitta Lekhan
24AEN1T341	Fundamentals of English Written Communication
24BSD6T241	Basics of Open Source Demystified
24SEC4A241	Bharatiya Knowledge System

#### V Semester

Course Code	Course Title
24BCY2T451	Network Defence
24BCY2L251	Network Defence Practical

24BCY2T452	Cyber Threat Intelligence
24BCY2L252	Cyber Threat Intelligence Practical
24CPL2T451	Research Methodology
24BCYAT451	Cyber Foresic and Forensic Investigation
24DSI7I251	Internship

## VI Semester

Course Code	Course Title
24BCY2T461	Network Forensic
24BCY2L261	Network Forensic Practical
24BCY2T462	Vulnerability Analysis and Penetration Testing
24BCY2L262	Vulnerability Analysis and Penetration Testing Practical
24BCY2T463	Mobile and Pervasive Computing
24BCYAT461	Intrusion Detection and Prevention Systems
24DSP8P461	Research Project