SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
Computational Intelligence	Professional Core	3CEIT101	4
Computer Algorithms	Professional Core	3CEIT102	4
Cryptography and Network Security	Professional Core	3CEIT103	4
Research Orientation	Professional Core	3CEIT104	1
Wireless Networks	Professional Elective	3CEIT114	4
Cyber Security	Professional Elective	3CEITPE11	4
Data Science and Machine Learning	Professional Elective	3CEITPE12	4
Advanced Topics in Networks	Professional Elective	3CEITPE13	4
Advanced Operating System	Professional Elective	3CEIT204	4

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
Digital Image Processing	Professional Core	3CEIT201	4
Cloud Computing	Professional Core	3CEIT203	4
Big Data Analytics	Professional Core	3CEIT212	4
PKI & Trust Management	Professional Elective	3CEITPE21	4
Applied Deep Learning	Professional Elective	3CEITPE22	4
Internet of Things	Professional Elective	3CEITPE23	4
Digital Forensics	Professional Elective	3CEITPE24	4
Natural Language Processing	Professional Elective	3CEITPE25	4
Service Oriented Computing	Professional Elective	3CEITPE26	4
Advanced Database Management Systems	Professional Elective	3CEIT211	4
Advanced Computer Architecture	Professional Elective	3CEIT205	4
Network Programming and Management	Professional Elective	3CEIT108	4
Advanced Software Engineering	Professional Elective	3CEIT112	4

SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Major Project Part - I	Professional Core	3CEIT301	8
Seminar	Professional Core	3CEIT302	2
Data Compression	Professional Elective	3CEIT304	4
Internet of Things	Professional Elective	3CEIT305	4
Big Data Analytics	Professional Elective	3CEIT306	4
Natural Language Processing	Professional Elective	3CEIT307	4
Compiler Design	Professional Elective	3CEIT308	4
Deep Learning	Professional Elective	3CEIT309	4
Cyber Security	Elective	3CEIT310	4

SEMESTER IV

Subject Name	Subject Type	Subject Code	Subject Credit
Major Project Part - II	Professional Core	3CEIT401	12