Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI	Semester VII	Semester VIII
Computational Thinking through Programming (4 credits (3L + 0T +1P))	Data Structures (4 credits (3L + 0T +1P))	Software Engineering (4 credits (3L + 0T +1P))	Compiler Design (3 credits (3L + 0T + 0P))	Foundations of Cryptography (3 credits (3L + 0T + 0P))	Techno-Entrepreneurship (4 credits (4L + 0T + 0P))	Elective III (4 credits)	Major Project (20 credits)
Database Management System (4 credits (3L + 0T + 1P))	Object Oriented Programming & System Design (4 credits (3L + 0T +1P))	Theory of Automata (3 credits (3L + 0T + 0P))	Mathematics for CS I (Discrete Mathematics) (3 credits (3L + 0T + 0P))	Machine Learning (4 credits (3L + 0T + 1P))	Elective II (4 credits)	Elective IV (4 credits)	
System Programming & Scripting (4 credits (3L + 0T + 1P))	Computer Organization & Architecture (4 credits (4L + 0T + 0P))	Data Communications (3 credits (3L + 0T + 0P))	Operating System (4 credits (3L + 0T + 1P))	Computer Graphics (4 credits (3L + 0T + 1P))	Mini Project-II (6 credits)	Professional Ethics (2 credits (2L + 0T + 0P))	
Web Design & Application Development (4 credits (2L + 0T + 2P))	Mini Project-I (4 credits)	Probability and Statistics for CS (3 credits (3L + 0T + 0P))	Computer Networks (4 credits (3L + 0T + 1P))	Elective I (4 credits)	Industrial Training/Internship (6 credits)	Mini Project-III (10 credits)	
Professional Communication - I (3 credits (3L + 0T + 0P))	Professional Communication - II (3 credits (3L + 0T + 0P))	Design Analysis and Algorithm (4 credits (3L + 0T + 1P))	Advanced Programming Language (4 credits (3L + 0T + 1P))	Mathematics for CS II (Linear Algebra + Calculus) (3 credits)(3L + 0T + 0P)			
Sports - I (1 credits)	Sports - II (1 credits)	Competitive Coding - I (2 credits (0L + 0T + 2P))	Competitive Coding - II (2 credits (0L + 0T + 2P))	Competitive Coding - III (2 credits (0L + 0T + 2P))			
		Sports - III (1 credits)					
20	20	20	20	20	20	20	20