Course Structure for B Tech Computer Engineering Programme (Batch 2024-28)					
First Year					
Semester – I			**Semester - II**		
S. No.	Course	Credits	S. No.	Course	Credits
1	Calculus	4	1	Linear Algebra and Differential Equations	4
2	Physics	4	2	Quantum and Statistical Physics	3
3	Elements of Biology	3	3	English Communication	1
4	Programming for Problem Solving	4	4	Basic Electrical and Electronics Engineering	3
5	Engineering Graphics and Design	3	5	Management Accounting for Engineers	2
6	Professional Ethics	1	6	Environmental Science	2
7	Constitution of India	0	7	Digital Manufacturing Laboratory	1
8	Critical Thinking	0	8	Electrical and Electronics Workshop	1
			9	Design Thinking	0
			10	Python Programming	1
	Total	**19**		**Total**	**18**
Second Year					
Semester – III			**Semester - IV**		
S. No.	Course	Credits	S. No.	Course	Credits
1	Probability and Statistics	3	1	Complex Variables and Transforms	4
2	Discrete Mathematics	3	2	Computer Organization and Architecture	3
3	Technical Communication	1	3	Design and Analysis of Algorithms	3
4	Principles of Economics and Management	3	4	Database Management Systems	3
5	Digital Logic Design	3	5	Microprocessor and Microcontroller	4
6	Data Structures and Algorithms	4	6	Theoretical Computer Science	3
7	Computer Networks	3	7	Web Programming	3
8	Data Extraction and Processing	2	8	Object Oriented Programming through JAVA	1
9	Community Service	0			
	Total	**22**		**Total**	**24**
Third Year					
Semester – V			**Semester - VI**		
S. No.	Course	Credits	S. No.	Course	Credits
1	Software Engineering	3	1	Cyber Security	3
2	Artificial Intelligence	3	2	Distributed Computing	3
3	Image and Video Processing	3	3	Machine Learning	3
4	Operating Systems	3	4	Department Elective II	3
5	Department Elective I	3	5	Department Elective III	3
6	Open Elective I	3	6	Open Elective III	3
7	Open Elective II	3	7	Open Elective IV	3
			8	Interpersonal Skills	1
	Total	**21**		**Total**	**22**
Fourth Year					
Semester – VII			**Semester - VIII**		
S. No.	Course	Credits	S. No.	Course	Credits
1	Cloud Computing	3	1	Project	10
2	Department Elective IV	3			
3	Department Elective V	3			
4	Department Elective VI	3			
5	Open Elective V	3			
6	Capstone Project	4			
	Total	**19**		**Total**	**10**

Total number of Courses	**57**
Total Credits for the Programme	**155**