

Course Structure for B Tech Computer Science and Business Systems (Batch 2022-26)					
Year of the Programme : First Year (Academic Year 2022-23)					
Semester I			Semester II		
Sr. No.	Course Name	Credit/s	Sr. No.	Course Name	Credit/s
1	Discrete Mathematics	3	1	Linear Algebra	4
2	Statistics, Probability & Calculus	4	2	Statistical Methods	4
3	Fundamentals of Computer Science	4	3	Data Structures and Algorithms	4
4	Principles of Electrical Engineering	3	4	Principles of Electronics Engineering	3
5	Physics for Computing Science	4	5	Fundamentals of Economics	2
6	Business Communication & Value Science - I	4	6	Business Communication & Value Science - II	4
			7	Environmental Science	2
	Total	22		Total	23
Year of the Programme : Second Year (Academic Year 2023-24)					
Semester III			Semester IV		
Sr. No.	Course Name	Credit/s	Sr. No.	Course Name	Credit/s
1	Theoretical Computer Science	3	1	Operating Systems	3
2	Computer Organization and Architecture	3	2	Database Management Systems	3
3	Object Oriented Programming	4	3	Software Design with UML	4
4	Computational Statistics	4	4	Introduction to Innovation, IP Management & Entrepreneurship	3
5	Software Engineering	3	5	Business Communication & Value Science - III	4
6	Indian Constitution	0	6	Operations Research	3
7	Community Service	0	7	Essence of Indian Traditional Knowledge	0
Total	Total	17		Total	20
Year of the Programme : Third Year (Academic Year 2024-25)					
Semester V			Semester VI		
Sr. No.	Course Name	Credit/s	Sr. No.	Course Name	Credit/s
1	Design and Analysis of Algorithms	3	1	Computer Networks	3
2	Compiler Design	4	2	Information Security	4
3	Fundamentals of Management	2	3	Artificial Intelligence	3
4	Business Strategy	3	4	Financial & Cost Accounting	4
5	Design Thinking	0	5	Business Communication & Value Science-IV	3

6	Mini Project	1		6	Elective- II	4
7	Elective- I	4				
	Total	17			Total	21
Year of the Programme : Fourth Year (Academic Year 2025-26)						
Semester VII				Semester VIII		
Sr. No.	Course Name	Credit/s		Sr. No.	Course Name	Credit/s
1	Technical Internship Program	4		1	Services Science & Service Operational Management	4
2	Usability Design of Software Applications	3		2	IT Project Management	4
3	IT Workshop	3		3	Marketing Management	2
4	Financial Management	2		4	Elective V	4
5	Human Resource Management	2		5	Elective VI	4
6	Elective III	4		6	Project II	2
7	Elective IV	4				
8	Project I	1				
	Total	23			Total	20

Total Credits for the Programme	163
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