

Course Structure for B Tech Computer Science and Business Systems Programme (Batch 2023-27)					
First Year					
Semester - I			Semester - II		
S. No.	Course	Credits	S. No.	Course	Credits
1	Statistics, Probability and Calculus	4	1	Linear Algebra	4
2	Programming for Problem Solving	4	2	Statistical Methods	4
3	Principles of Electrical Engineering	3	3	Python Programming	1
4	Physics for Computing Science	3	4	Fundamentals of Economics	3
5	Business Communication and Value Science - I	4	5	Business Communication and Value Science – II	4
6	Constitution of India	0	6	Principles of Electronics Engineering	3
			7	Environmental Science	2
	<b>Total</b>	<b>19</b>		<b>Total</b>	<b>21</b>
Second Year					
Semester - III			Semester - IV		
S. No.	Course	Credits	S. No.	Course	Credits
1	Theoretical Computer Science	3	1	Operating Systems	3
2	Computer Organization and Architecture	3	2	Database Management Systems	3
3	Object Oriented Programming through Java	1	3	Software Engineering	3
4	Computational Statistics	4	4	Introduction to Innovation, IP Management and Entrepreneurship	3
5	Data Structures and Algorithms	4	5	Business Communication and Value Science – III	4
6	Community Service	0	6	Operations Research	3
7	Discrete Mathematics	3	7	Essence of Indian Traditional Knowledge	0
	<b>Total</b>	<b>18</b>		<b>Total</b>	<b>19</b>
Third Year					
Semester - V			Semester - VI		
S. No.	Course	Credits	S. No.	Course	Credits
1	Design and Analysis of Algorithms	3	1	Computer Networks	3
2	Compiler Design	3	2	Cyber Security	3
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 and Value Science–IV	3
6	Mini Project	1	6	IT Project Management	3
	Services Science and Service Operational Management	4	7	Elective- III	3
7	Elective- I	3	8	Elective- IV	4
8	Elective- II	4			
	<b>Total</b>	<b>22</b>		<b>Total</b>	<b>26</b>
Fourth Year					
Semester - VII			Semester - VIII		
S. No.	Course	Credits	S. No.	Course	Credits
1	Capstone Project	4	1	Project Evaluation II	10
2	Human Computer Interaction	3			
3	Marketing Management	2			
4	Financial Management	2			
5	Human Resource Management	2			
6	Elective V	3			
7	Elective VI	4			
8	Project Evaluation I	1			
	<b>Total</b>	<b>21</b>		<b>Total</b>	<b>10</b>
<b>Total Credits for the Programme</b>		<b>156</b>			

