Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

B.Tech. (CSE-Data Science-IBM)
SEMESTER - II (2025-2029)

Sr. No.	Course Code	Course Name	TEACHING			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
							THEORY			PRACTICAL		
			L	T	P		End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	BTCSH107	Linear Algebra	3	1	0	4	60	20	20	0	0	100
2	BTEC104	Digital Logic & Circuit Design	3	1	2	5	60	20	20	30	20	150
3	BTCS202M	Object Oriented Programming with C++	3	0	2	4	60	20	20	30	20	150
4	BTIT201M	Data Communication	3	0	0	3	60	20	20	0	0	100
5	BTIBM204N	Data Visualization	2	0	2	3	60	20	20	30	20	150
6	BTIT208M	Unix Programming	0	0	2	1	0	0	0	30	20	50
			14	2	8	20	300	100	100	120	80	700

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.