



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**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 - IV ( 2024-2028)**

Sr. No.	Course Code	Course Name	TEACHING			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
2	BTCS401N	Data Base Management Systems	3	0	2	4	60	20	20	30	20	150
3		Generic Elective- I **	4	0	0	4	60	20	20	-	0	100
4	BTCS302N	Analysis & Design of Algorithms	3	0	2	4	60	20	20	30	20	150
5		Discipline Specific Course- II	2	0	2	3	60	20	20	30	20	150
6	BTIT507N	Programming with Python	0	0	2	1	0	0	0	0	50	50
7	GEMOOC I	Generic MOOC I	0	0	0	2	0	0	0	0	50	50
			16	0	8	22	300	100	100	90	160	750
	Discipline Specific Course- II											
	BTIBM502N	Predictive Analytics										

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.

\*\* Teaching scheme and code is available in the basket provided by the University.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Chairperson  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Controller of Examinations  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore