



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**Name of Program : B.Sc. (Data Science)**  
**SEMESTER - II (Scheme 2023-2024)**

S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			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	Major	BSCDS201	Data Structures	2	0	2	3	60	20	20	30	20	150
2		BSCDS202	Java Programming	2	0	2	3	60	20	20	30	20	150
4	Minor	BSCDSMA201	Discrete Mathematics and Algebra	3	0	0	3	60	20	20	0	0	100
5		BSCDSMA202	Theory of Probability and Probability Distribution	3	0	0	3	60	20	20	0	0	100
6	AEC	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
7	GEC	GENERIC ELECTIVE		0	0	0	4	60	20	20	0	0	100
TOTAL				14	0	4	20	360	120	120	60	40	700

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

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

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