Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Information Technology

Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

B.Tech CSE with Specialization in Artificial Intelligence & Machine Learning/Data Science/Quantum Computing(in association with IBM)

SEMESTER - III (2026-2030)

S. 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	ES307	Environmental Studies and Sustainability	3	0	0	3	60	20	20	0	0	100
2	BTCS306M	Fundamentals of Data Structures	3	0	2	4	60	20	20	30	20	150
3	BTCS307M	Principles of Operating Systems	3	0	2	4	60	20	20	30	20	150
4	BTDSE	Discipline Specific Elective I	2	0	2	3	60	20	20	30	20	150
5	BTCS402N	Software Engineering and Project Management	3	0	2	4	60	20	20	30	20	150
6	BTIT301N	Computer Networks	3	0	2	4	60	20	20	30	20	150
7	BTIBM321	Cloud Fundamentals	0	0	4	2	0	0	0	0	50	50
	Total		**17**	**0**	**14**	**24**	**360**	**120**	**120**	**150**	**150**	**900**

Discipline Specific Elective I	
BTDSE320	Python Programming
BTDSE322M	Principle of Programming Language
BTDSE323	Go Lang

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.

Chair Person	Chair Person	Controller of Examinations	Registrar	Dean Academic	Vice Chancellor
Board of Studies	Faculty of Studies				
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore