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 AI Powered Mobile Application - Apple Authorized Training Center

SEMESTER - IV (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	BTCS301N	Discrete Structure	3	0	0	3	60	20	20	0	0	100
2	BTCS401N	Data Base Management Systems	3	0	2	4	60	20	20	30	20	150
3	BTCS302N	Analysis & Design of Algorithms	3	0	2	4	60	20	20	30	20	150
4	BTDSE	Discipline Specific Elective II	3	0	2	4	60	20	20	30	20	150
5		Open Elective I **	3	0	0	3	60	20	20	0	0	100
6	BTCSMA510	Flutter Programming	0	0	2	1	0	0	0	30	20	50
7	GEMOOC I	GEMOOC I	0	0	0	2	0	0	0	0	50	50
	Total		**15**	**0**	**8**	**21**	**300**	**100**	**100**	**120**	**130**	**750**

Discipline Specific Elective II

BTDSE420	Introduction to Machine Learning
BTDSE423M	Information Storage & Management
BTDSE421M	Computer Graphics and Multimedia

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