

Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
B.Tech. CSE (AI-Driven Data Engineering and Cloud Computing) in association with Impetus Technologies

SEMESTER - III (2026-2030)

S. 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	BTCS301N	Discrete Structures	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	BTDE	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	BTCS310	Modern Web Development	0	0	2	1	0	0	0	0	50	50
	Total		17	0	12	23	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
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Chair Person
Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Controller of Examinations
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Dean Academic
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore