

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 Big Data and Cloud Engineering – Impetus

SEMESTER - V (2025-2029)

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	BTCS501N	Theory of Computation	3	1	0	4	60	20	20	0	0	100
2	BTCS502N	Introduction to Artificial Intelligence	3	0	2	4	60	20	20	30	20	150
3	BTCS503M	Network Security and Cryptography	3	0	2	4	60	20	20	30	20	150
4	BTDSE	Discipline Specific Elective III	3	0	2	4	60	20	20	30	20	150
5	BTIT411	Java Full Stack II	0	0	2	1	0	0	0	30	20	50
6	BTIT508M	No Sql and MongoDB	0	0	2	1	0	0	0	30	20	50
7	GEMOOC II	Generic MOOC II	0	0	0	2	0	0	0	0	0	0
8	BTIT510	Multi-Disciplinary Research	0	0	4	2	0	0	0	0	50	50
	Total		12	1	14	22	240	80	80	150	150	700

Discipline Specific Elective III	
BTCSIT505N	Big Data Analytics
BDTSE512N	Software Testing and Quality Assurance
BDTSE513N	Next Generation Telecommunication Networks

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

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