

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 Machine Learning and Cloud Computing (in association with Google)

SEMESTER - I (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	BTCSH102	Statistics, Probability and Calculus	3	0	0	3	60	20	20	0	0	100
2	BTCS101M	Introduction to Computer Science and Engineering	3	0	0	3	60	20	20	0	0	100
3	BTCS103M	Computer System Organization	3	0	2	4	60	20	20	30	20	150
4	BTCS107M	Program development using C	0	0	2	1	0	0	0	30	20	50
5	BTCS101M(P)	Introduction to Computer Science and Engineering Lab	0	0	2	1	0	0	0	0	50	50
6	BTEC104	Digital Logic & Circuit Design	3	1	2	5	60	20	20	30	20	150
7	BTCS102M	Introduction to Design Thinking	2	0	2	3	60	20	20	30	20	150
	Total		14	1	10	20	300	100	100	120	130	750

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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