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 - VII (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	BBAI501	Human Values and Professional Ethics	3	0	0	3	60	20	20	0	0	100
2	BTCS713	Gen AI	3	0	2	4	60	20	20	30	20	150
3	BTCS711	Introduction to Quantum Computing	3	0	2	4	60	20	20	30	20	150
4	BTCS712	Cloud Competency Lab	0	0	2	1	0	0	0	30	20	50
5	BTDSE	Discipline Specific Elective V	3	0	2	4	60	20	20	30	20	150
6		Generic Elective II**	4	0	0	4	60	20	20	0	0	100
7	BTCS705N	Industrial Training	0	0	2	1	0	0	0	0	50	50
8	BTCS706N	Project	0	0	8	4	0	0	0	120	80	200
	Total		**16**	**0**	**18**	**25**	**300**	**100**	**100**	**240**	**210**	**950**

Discipline Specific Elective V	
BTMLCC711	Google DeepMind AI Research Foundation
BTDSE720	Reinforcement Learning
BTDSE721	Introduction to AR-VR

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