

B.Tech. CSE (AI-Driven Data Engineering and Cloud Computing) in association with Impetus Technologies

SEMESTER - VII (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	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	BDTSE	Discipline Specific Elective VI	3	0	2	4	60	20	20	30	20	150
5		Open Elective II**	3	0	0	3	60	20	20	0	0	100
6	BTCS705N	Industrial Training	0	0	4	2	0	0	0	0	50	50
7	BTCS706N	Project	0	0	8	4	0	0	0	120	80	200
	Total		15	0	18	24	300	100	100	210	190	900

Discipline Specific Elective VI	
BTDSE720	Reinforcement Learning
BTDSE721	Introduction to AR-VR
BTDSE722	Prompt Engineering and Fine-Tuning

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.

Vice Chancellor

Shri Vaishnav Vidyapeeth

Vishwavidyalaya, Indore