

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

SEMESTER - VI (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	BTCS611	Compiler Design	3	1	2	5	60	20	20	30	20	150
2	BTCS602N	Object Oriented Analysis and Design	3	0	2	4	60	20	20	30	20	150
3	BTCS710	Deep Learning Foundations	3	1	2	5	60	20	20	30	20	150
4	BTDSE	Discipline Specific Elective V	3	0	2	4	60	20	20	30	20	150
5	BTCSIT603N	Cloud Engineering	3	0	2	4	60	20	20	30	20	150
6	BTCS607N	Minor Project	0	0	4	2	0	0	0	30	20	50
7	BTCS610	DevOps	0	0	4	2	0	0	0	30	20	50
	Total		15	2	18	26	300	100	100	210	140	850

Discipline Specific Elective V	
BTDSE620	TinyML & Edge AI
BTDSE621	Agentic AI & Multi-Agent Systems
BTDSE622	Blockchain & Distributed Systems

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.

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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