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 (Enterprise Systems in Association with Red Hat Academy)

SEMESTER - VI ((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	BTCS611	Compiler Design	3	1	2	5	60	20	20	30	20	150
2	BTCS610	DevOps	0	0	4	2	0	0	0	30	20	50
3	BTCS612	Natural Language Processing	3	1	2	5	60	20	20	30	20	150
4	BTDSE	Discipline Specific Elective IV	3	0	2	4	60	20	20	30	20	150
5	BTCS603N	Introduction to Cloud Computing	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	RH602	Red Hat Openstack	0	0	4	2	0	0	0	0	50	50
												0
	Total		**12**	**2**	**20**	**24**	**240**	**80**	**80**	**180**	**170**	**750**

Discipline Specific Elective IV	
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.

Chair Person	Chair Person	Controller of Examinations	Registrar	Dean Academic	Vice Chancellor
Board of Studies	Faculty of Studies				
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore