

**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Information Technology**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**Bachelor of Technology (Computer Science and Business Systems-TCS)**

**SEMESTER - IV( 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	BTCSBS401	Operating Systems	3	0	2	4	60	20	20	30	20	150
2	BTCSBS402	Design And Analysis of Algorithms	3	0	2	4	60	20	20	30	20	150
3	BTCSBS403	Introduction to Innovation, IP Management & Entrepreneurship	2	0	0	2	60	20	20	-	-	100
4	BTCSBS404	Design Thinking	0	0	4	2	-	-	-	30	20	50
5	BTCSBS405	Multidisciplinary Minor	0	0	4	2	-	-	-	-	50	50
6	BTCSBS406	Computer Organization	2	0	0	2	60	20	20	-	-	100
7	BTCSBS407	Business Communication & Value Science – III	0	0	2	1	-	-	-	30	20	50
8	BTCSBS408	Computational Statistics	3	0	2	4	60	20	20	30	20	150
9	BTCSBS409	Co-curricular Courses	0	0	2	1	-	-	-	-	50	50
10	BTCSBS410	Environmental Sciences (Non Credit)	-	-	-	-	-	-	-	-	-	0
	<b>Total</b>		<b>13</b>	<b>0</b>	<b>18</b>	<b>22</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>150</b>	<b>200</b>	<b>850</b>

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