



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**B.Tech. (Computer Science and Business Systems - TCS)**  
**Choice Based Credit System (CBCS) 2019-20**

**SEMESTER - IV**

S. No.	COURSE CODE	COURSE NAME	Teaching Scheme/Week			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	<b>BTSCS209</b>	Operating Systems	3	0	2	4	60	20	20	30	20	150
2	<b>BTSCS210</b>	Database Management Systems	3	0	2	4	60	20	20	30	20	150
3	<b>BTSCS211</b>	Software Design with UML	3	0	2	4	60	20	20	30	20	150
4	<b>BTCSIE212</b>	Introduction to Innovation, IP Management and Entrepreneurship	3	0	0	3	60	20	20	0	0	100
5	<b>BTCSIE213</b>	Business Communication and Value Science – III	2	0	4	4	60	20	20	30	20	150
6	<b>BTCSMS214</b>	Operations Research	2	0	2	3	60	20	20	30	20	150
7	<b>BTCSMS215</b>	Marketing Research and Marketing Management	3	0	0	3	60	20	20	0	0	100
8	<b>BTCSIT216</b>	Essence of Indian Traditional Knowledge (Non Credit)	0	0	0	0	0	0	0	0	50	50
			19	0	12	25	420	140	140	150	150	1000

**Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;**

**\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.**

**#Students are advised to take online MOOC Courses of minimum 02-Credits.**