

**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 - VII ( 2023-2027)**

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	BTCSCS401	Usability Design of Software Applications	2	0	2	3	60	20	20	30	20	150
2	BTCSCS402	IT Workshop Scilab / Matlab	2	0	2	3	60	20	20	30	20	150
3	BTCSCS403	Elective V**	2	1	2	4	60	20	20	30	20	150
4	BTCSCS404	Elective VI**	3	1	2	5	60	20	20	30	20	150
5	BTCSCS405	Services Science & Service Operational Management	3	0	4	5	60	20	20	30	20	150
6	BTCSCS406	IT Project Management	3	0	2	4	60	20	20	30	20	150
7	BTCSCS207	Human Resource Management	3	0	0	3	60	20	20	0	0	100
<b>Total</b>			<b>18</b>	<b>2</b>	<b>14</b>	<b>27</b>	<b>420</b>	<b>140</b>	<b>140</b>	<b>180</b>	<b>120</b>	<b>1000</b>

Elective V	
BTCSDS4031	Cognitive Science & Analytics
BTCSDTS4032	Introduction to IoT
BTCSDS4033	Cryptology

Elective VI	
BTCSCS4041	Quantum Computation & Quantum Information
BTCSDS4042	Advanced Social, Text and Media Analytics
BTCSDTS4043	Mobile Computing

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