



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Information Technology**  
**Choice Based Credit System (CBCS) Scheme**

**B.Tech. (Computer Science and Engineering - Mobile Applications-Apple Authorized Training Center)**

**SEMESTER - VII (2019-2023)**

Sr. 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	BBAI501	Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100
2	BTCS601	Compiler Design	3	1	2	5	60	20	20	30	20	150
3	BTMACS701	Machine Learning and Artificial Intelligence Using Swift	3	0	2	3	60	20	20	30	20	150
4	BTCS702	Big Data and Hadoop	3	0	2	4	60	20	20	30	20	150
5		Elective-III	2	1	0	3	60	20	20	0	0	100
6	BTCS705	Industrial Training	0	0	2	1	0	0	0	0	50	50
7	BTCS706	Project	0	0	8	4	0	0	0	120	80	200
			<b>15</b>	<b>2</b>	<b>16</b>	<b>24</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>210</b>	<b>190</b>	900

Elective-III	
BTCS710	Introduction to Object Oriented Analysis and Design
BTCS711	Soft Computing
BTCS715	Quantum Computing
BTCS716	Virtual Reality

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.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Chairperson  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Controller of Examinations  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore