



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

B.Tech. (CSE-Big Data Analytics-IBM)

Choice Based Credit System (CBCS) - 2018-19

## SEMESTER - VI

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	BTCS501	Theory of Computation	3	1	0	4	60	20	20	0	0	100
2	BTIT604	Object Oriented Analysis and Design	2	0	2	3	60	20	20	30	20	150
3		Elective-II	2	1	2	4	60	20	20	30	20	150
4	BTIBM601	Microservice Architecture and Implementation	3	0	2	4	60	20	20	30	20	150
5	BTIBM602	Big Data Engineering - Spark & Scala	3	1	2	5	60	20	20	30	20	150
6	BTIT608	IT Workshop - SciLab/MATLAB	0	0	4	2	0	0	0	60	40	100
7	BTCS606	Minor Project	0	0	4	2	0	0	0	60	40	100
			13	3	16	24	300	100	100	240	160	900

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

Elective-II	
BTCS612	Simulation and Modeling
BTCS613	Software Testing and Quality Assurance
BTCS617	Robotics
BTCS618	Block Chain

\*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.