



Shri Vaishnav Vidyapeeth Vishwavidyalaya

B.Tech. (CSE-Big Data Analytics/Cloud and Mobile Computing/Artificial Intelligence/DS/FSDB-IBM)

Choice Based Credit System (CBCS) - 2020-21

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	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
2	BTIT305	Analysis and Design of Algorithms	3	1	2	5	60	20	20	30	20	150
3	BTCS502	Operating Systems	2	1	2	4	60	20	20	30	20	150
4	BTCSI411	Database Management System	3	0	2	4	60	20	20	30	20	150
5		IBM Course	3	1	2	5	60	20	20	30	20	150
6	BTCS307	Advanced Java	0	0	2	1	0	0	0	30	20	50
7	BTIBM403	Application Development Using Python	0	0	2	1	0	0	0	0	50	50
			15	3	12	24	300	100	100	150	150	800

IBM Course		
BDA	BTIBM402	Descriptive Analytics
CMC	BTIBM401	Microservices and System Designing
AI	BTIBM401	Data Visualization (with R) + Machine Learning with R
DS	BTIBM402	Descriptive Analytics
FSDB	BTIBM401	Microservices and System Designing

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.

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

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Controller of Examinations
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore