



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Information Technology**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B.Tech. (CSE-Big Data Analytics/Cloud and Mobile Computing/Artificial Intelligence/**  
**Data Science/FullStack Development & Blockchain-IBM)**

**SEMESTER - III ( 2021-2025)**

Sr. 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	BTCS301N	Discrete Structures	3	0	0	3	60	20	20	0	0	100
2	BTCS302N	Analysis and Design of Algorithms	3	0	2	4	60	20	20	30	20	150
3	BTBMC401N	Cloud Application Developer	3	1	2	5	60	20	20	30	20	150
4	BTIBM301N	Application Development using Java Programming	2	0	2	3	60	20	20	30	20	150
5		Discipline Specific Elective-I	3	0	0	3	60	20	20	0	0	100
6		Generic Elective- I **				3						
7	BTIT408N	Unix Programming Lab	0	0	2	1	0	0	0	30	20	50
8	BTIT409N	Scripting Languages	0	0	2	1	0	0	0	30	20	50
9	BTRO1N	Rural Outreach	0	0	0	1	0	0	0	0	50	50
			14	1	10	24	300	100	100	150	150	800

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.

Discipline Specific Elective-I	
BTDSE311N	Information Theory and Coding
BTDSE312N	Essentials of E -Commerce
BTDSE313N	Modern Computing Hardware

**Chairperson**  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya Indore

**Chairperson**  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya Indore

**Vice Chancellor**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya Indore