



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**Name of the Program (BCA) in Big Data Analytics in Association with IBM**  
**SEMESTER - I (2021-2024)**

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	HU101	Foundation English-I	3	0	2	4	60	20	20	0	20	120
2	BCCA102	Mathematical Foundation of Computer Science - I	3	1	0	4	60	20	20	0	0	100
3	BCCA103	PC-Software	4	0	0	4	60	20	20	0	0	100
5	BCCA104	Fundamentals of Computers and IT	3	1	0	4	60	20	20	0	0	100
4	BTIBM105N	Software Foundation and Programming ( 1. Clean Coding; 2. Javascript; 3. NodeRed; 4. NodeJS )	0	0	2	1	0	0	0	30	20	50
6	BCCAIBM101	Software Foundation with C	4	1	4	7	60	20	20	30	20	150
			<b>17</b>	<b>3</b>	<b>8</b>	<b>24</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>60</b>	<b>60</b>	<b>620</b>

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

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

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

Joint Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore