



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

## Shri Vaishnav Institute of Computer Applications

### BCA with Specialization in Big Data Analytics in Association with IBM (3 Years)

#### Choice Based Credit System (CBCS)

### SEMESTER - I

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	3	1	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	BTIBM105	Software Foundation and Programming ( 1. Clean Coding; 2. Javascript; 3. NodeRed; 4. NodeJS)	1	0	2	2	0	0	0	60	40	100
6	BCCAIBM101	Software Foundation with C	3	1	4	6	60	20	20	30	20	150
			<b>16</b>	<b>4</b>	<b>8</b>	<b>24</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>90</b>	<b>80</b>	<b>670</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.

Note: Students are advised to take online MOOC'S courses of two credits.