



**Shri Vaishnav Vidyaapeeth Vishwavidyalaya**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**BCA with Big Data Analytics - IBM (Scheme 2023-2024)**

**SEMESTER - VI**

S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			EXAMINATION SCHEME				TOTAL MARKS	
							THEORY		PRACTICAL			
				L	T	P	CREDITS	End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)
1	Major	DCABDDA601	Predictive Analytics	3	0	0	3	60	20	20	0	0
2		DCABDDA602	Cyber Security	3	1	0	4	60	20	20	0	100
3	DSE		Elective-II	4	0	0	4	60	20	20	0	100
4	DSE		Elective-III	4	0	0	4	60	20	20	0	100
5	Project	BCABDDA603	Minor Project-II	0	0	12	6	0	0	0	30	50
<b>TOTAL</b>				<b>14</b>	<b>1</b>	<b>12</b>	<b>21</b>	<b>240</b>	<b>80</b>	<b>80</b>	<b>30</b>	<b>450</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.

	Elective-II
BCCA612	Advanced DBMS
BCCA632	Data Analytics
BCCA602	Introduction to Artificial Intelligence

	Elective-III
BCCA613	Soft Computing
BCCA623	Software Testing and Quality Assurance
BCCA633	Software Project Management

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 Shri Vaishnav Vidyaapeeth  
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Vice Chancellor  
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