



**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+MCA**

**SEMESTER - II (Scheme 2022-2023)**

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	BCCA202	Mathematical Foundation of Computer Science - II	3	1	0	4	60	20	20	--	--	100
3	BCPH203	Physics	3	1	0	4	60	20	20	--	--	100
4	BCCA204	Data Structure using C	3	1	0	4	60	20	20	--	--	100
5	BCCA205	Object Oriented Methodology and C++	3	1	0	4	60	20	20	--	--	100
6	BCCA206	Programming Lab in C++	0	0	4	2	--	--	--	30	20	50
7	BCCA207	Data Structure Lab in C/C++	0	0	4	2	--	--	--	30	20	50
			16	4	8	24	300	100	100	60	60	620

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