



**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: MCA (AI&ML)**

**SEMESTER - II (Scheme 2025-26)**

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	MCA201	Object Oriented Programming using Java	3	0	2	4	60	20	20	30	20	150
2	MCA202	Computer Networks	3	0	0	3	60	20	20	0	0	100
3	MCA204N	Principles of Operating Systems	3	0	0	3	60	20	20	0	0	100
4	MCA205N	Advanced Python Programming for AI&ML	3	0	2	4	60	20	20	30	20	150
5	MCA206N	Advanced Data Structures	3	0	2	4	60	20	20	30	20	150
6	GE	Generic Elective	0	0	0	3	60	20	20	0	0	100
7	MOOC1	MOOC	0	0	0	2	0	0	0	0	50	50
			15	0	6	23	360	120	120	90	110	800

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

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\*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

**Registrar**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

**Vice Chancellor**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore