



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

## Institute of Computer Applications -MCA

### Choice Based Credit System (CBCS)

## SEMESTER - IV

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/W				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	MCCA401	Computer Graphics	3	1	4	6	60	20	20	30	20	150	
	MCCA412	Elective - Operations Research											
2	MCCA422	Elective -Numerical Methods	3	1	0	4	60	20	20	--	--	100	
	MCCA432	Elective -Data Mining and Warehousing											
3	MCCA403	Cloud Computing and Management	4	0	0	4	60	20	20	--	--	100	
	MCCA414	Elective -Managerial Economics											
4	MCCA424	Elective -Advanced DBMS	3	1	0	4	60	20	20	--	--	100	
	MCCA434	Elective -Advanced Computer Network											
5	MCCA405	Java Programming	3	1	4	6	60	20	20	30	20	150	
			16	4	8	24	300	100	100	60	40	600	

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