



PROGRAMME STRUCTURE
MCA Semester: III

Programme Outcome (PO) - For MCA Programme	The objective of the MCA programme is to prepare post-graduates for software industry, corporate sector, government organizations and academics by providing skill-based education in the core and emerging areas of computer applications. The programme emphasizes on giving the students a sound background in theoretical and skill-oriented courses relevant to the latest trends in software development.
Programme Specific Outcome (PSO) - For MCA Semester - III	The objective of the MCA programme is to prepare post-graduates for software industry, corporate sector, government organizations and academics by providing skill-based education in the core and emerging areas of computer applications. The programme emphasizes on giving the students a sound background in theoretical and skill-oriented courses relevant to the latest trends in software development.

To Pass	(i) At least 40% Marks in the University Examination in each paper and (ii) At least 40% Marks in the total of Internal and the University Examination in each paper.
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Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total	Total	Total
Core Course	PS03CMCA51	Web Application Frameworks	T	4	3	30	70	100
	PS03CMCA52	Mobile Application Development	T	4	3	30	70	100
	PS03CMCA53	Artificial Intelligence	T	4	3	30	70	100
	PS03CMCA54	Computer Graphics	T	4	3	30	70	100
	PS03CMCA55	Practicals based on PS03CMCA51 & PS03CMCA52	P	3	3	30	70	100
	PS03CMCA56	Project Work (In-house)	=	2	3	30	70	100
Elective Course (Any One)	PS03EMCA57	Cloud Computing and Distributed Systems	T	4	3	30	70	100
	PS03EMCA58	Machine Learning	T	4	3	30	70	100
	PS03EMCA59	Data Science & Big Data Analytics	T	4	3	30	70	100
	PS03EMCA60	Advanced Java Programming	T	4	3	30	70	100

