

MCA SEMESTER SYSTEM FORM & COURSES wef 2013-2014

FIRST SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA101	Fundamentals Of Computers	30	70	100	4
MCA102	Programming with C	30	70	100	4
MCA103	Computer Organization	30	70	100	4
MCA104	Discrete Mathematical Structures	30	70	100	4
MCA105	Accountancy and Financial Management	30	70	100	4
MCA106	PC Software Lab	30	70	100	6
MCA107	C Programming Lab	30	70	100	6
MCA108	Seminar	50	--	50	3
TOTAL		190	560	750	35

SECOND SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA201	Language Processors	30	70	100	4
MCA202	Data Base Management Systems	30	70	100	4
MCA203	Data Structures using C++	30	70	100	4
MCA204	Operating System Principles	30	70	100	4
MCA205	Probability & Statistics	30	70	100	4
MCA206	Data Structures using C++ LAB	30	70	100	6
MCA207	DBMS LAB	30	70	100	6
MCA208	Communication Skills	50	--	50	3
TOTAL		190	560	750	35

THIRD SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA 301	Object Oriented Programming through JAVA	20	70	100	4
MCA 302	Computer Networks	30	70	100	4
MCA 303	Operations Research	30	70	100	4
MCA 304	Computer Graphics	30	70	100	4
MCA 305	Artificial Intelligence	30	70	100	4
MCA 306	Java Programming Lab	30	70	100	6
MCA 307	Unix Shell Programming LAB	30	70	100	6
MCA 308	Seminar	50	--	50	3
TOTAL		190	560	750	35

FOURTH SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA 401	Principles of Programming Languages	30	70	100	4
MCA 402	Object Oriented Modeling and Design Using UML	30	70	100	4
MCA 403	Web Technologies	30	70	100	4
MCA 404	Software Engineering	30	70	100	4
MCA 405.1 405.2 405.3	Grid and Cluster Computing Cryptography and Networks Security Simulation Modeling and Analysis	30	70	100	4
MCA 406	Web Technologies Lab	30	70	100	6
MCA 407	Visual Programming Lab	30	70	100	6
MCA 408	Soft skills	50	--	50	3
TOTAL		190	560	750	35

FIFTH SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA 501	Data Ware Housing and Data Mining	30	70	100	4
MCA 502	.Net Programming	30	70	100	4
MCA 503	Design and Analysis of Algorithms	30	70	100	4
MCA 504.1 504.2 504.3	Embedded Systems Mobile Computing Software Testing Techniques	30	70	100	4
MCA 505.1 505.2 505.3	Image Processing Microprocessors and Interfacing Web Engineering	30	70	100	4
MCA 506	.Net Programming Lab	30	70	100	6
MCA 507	Advanced Java Lab	30	70	100	6
MCA 508	Seminar	50	--	50	3
TOTAL		190	560	750	35

SIXTH SEMSTER OF MCA

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCA 601	Project Work	--	150	150	Five Months Duration

TOTAL MARKS FOR THE MCA COURSE : 3900