

M.Sc. (Computer Science)
SEMESTER SYSTEM FORM & COURSES wef 2013-2014

FIRST SEMESTER OF MSc(CS)

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCS 101	Data Structures in C	30	70	100	4
MCS 102	Object Oriented Programming with Java	30	70	100	4
MCS 103	Computer Organization	30	70	100	4
MCS 104	Discrete Mathematical Structures	30	70	100	4
MCS 105	Software Engineering	30	70	100	4
MCS 106	Data Structures Lab using C	30	70	100	6
MCS 107	Java Programming Lab	30	70	100	6
MCS 108	Seminar	50	--	50	3
TOTAL		260	490	750	35

SECOND SEMESTER OF MSc(CS)

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCS 201	Web Technology	30	70	100	4
MCS 202	Database Management Systems	30	70	100	4
MCS 203	Operating Systems	30	70	100	4
MCS 204	Computer Networks	30	70	100	4
MCS 205	Design & Analysis of Algorithms	30	70	100	4
MCS 206	Web Technology Lab	30	70	100	6
MCS 207	DBMS Lab	30	70	100	6
MCS 208	Communication Skills	50	--	50	3
MCS 209	Environmental Scinces	30	70	100	4
TOTAL		290	560	850	39

THIRD SEMESTER MSc(CS)

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCS 301	Advanced JAVA Programming	30	70	100	4
MCS 302	.Net Programming	30	70	100	4
MCS 303	Object Oriented Modeling & Design using UML	30	70	100	4
MCS 304.1 /304.2	Grid and Cluster Computing /Microprocessors & Interfacing	30	70	100	4
MCS 305.1 /305.2	Cryptography & Network Security / Computer Graphics	30	70	100	4
MCS 306	Advanced Java Lab	30	70	100	6
MCS 307	.Net Programming Lab	30	70	100	6
MCS 308	Seminar	50	--	50	3
MCS 309	Environmental Sciences	30	70	100	4
TOTAL		290	560	850	39

FOURTH SEMESTER OF MSc(CS)

Sub Code	Name of the Subject	Int. Marks	Ext. Marks	Total Marks	Hours/ Week
MCS 401	Data Warehousing & Data Mining	30	70	100	4
MCS 402.1 /402.2	Embedded systems / Software Testing Techniques	30	70	100	4
MCS 403.1 / 403.2	Artificial Intelligence /Mobile Computing	30	70	100	4
MCS 404	Soft Skills	50	--	50	3
MCS 405	Project	30	70	100	20
TOTAL		170	280	450	35