

### MCA (w.e.f June 2010-11)

I Year			Instructional System							Credits	Marks
Course code	SLM Code	Name of Subject	PC P	A W	V G D	PD P	PE C	P P W	I I L		
MCA-1	C-101	Computer Fundamentals & Programming in C	√	√	√		√			4	100
MCA-2	C-104	Data Structure Through C	√	√	√		√			4	100
MCA-3	C-109	DBMS	√	√	√		√			4	100
MCA-4	C-110	(A) Operating System with Unix & Shell programming	√	√	√		√			8	100
	C-116	(B) Computer Organization									
MCA-5	C-111	(A) System Analysis & design	√	√	√	√				8	100
	C-114	(B) CBNST									
MCA-6	C-113	Mathematics & Graph theory	√	√	√					6	100
MCA-7	M-213	(A) Accounting & Financial Analysis	√	√	√	√				8	100
	M-215	(B) Organizational Behaviour									
MCA-8	-	Practical covering MCA-01 to 04					√			8	200
<b>Total</b>									<b>50</b>	<b>900</b>	

## MCA

II Year			Instructional System							Credits	Marks
Course code	SLM Code	Name of Subject	PC P	A W	V G D	PD P	PE C	P P W	I I L		
MCA-9	C-138	Computer Network	√	√	√					4	100
MCA-10	C-129	Design Analysis of Algorithm	√	√	√					4	100
MCA-11	C-105	Object Oriented Programming & C + +	√	√	√		√			4	100
MCA-12	C-133	Computer Based Optimization Techniques	√	√	√					4	100
MCA-13	C-112	(A) Visual Basic	√	√	√		√			8	100
	C-107	(B) Discrete Mathematics									
MCA-14	C-117	(A) Internet & E-Commerce	√	√	√					8	100
	C-118	(B) MIS									
MCA-15	C-136	Modeling & Simulation	√	√	√		√			4	100
MCA-16	C-137	Internet & Java Programming	√	√	√		√			4	100
MCA-17	-	Practical covering MCA- 11, 13, 15 & 16	√	√						6	150
<b>Total</b>									<b>46</b>	<b>950</b>	

### MCA III Year

III Year			Instructional System							Credits	Marks
Course code	SLM Code	Name of Subject	PC P	A W	V G D	PD P	PE C	P P W	I I L		
MCA-18	C-146	(A) Web Technology	√	√	√		√			8	100
	C-140	(B) Software Engineering									
MCA-19	C-139	.Net Framework & C + +	√	√	√		√			4	100
MCA-20	C-141	Data Warehousing & Mining	√	√	√					8	100
MCA-21	C-142	(A) Artificial Intelligence	√	√	√	√				4	100
	C-143	(B) Neural Network									
MCA-22	C-134	(A) Computer Graphics and Animation	√	√	√					8	100
	C-135	(B) Multimedia System									
MCA-23	C-144	(A) Mobile Computing	√	√	√					8	100
	C-145	(B) ERP Systems									
MCA-24	-	Practical covering MCA-18 & 19					√			6	100
MCA-25	-	Project with 6 months internship					√	√	√	8	250
<b>Total</b>									<b>54</b>	<b>950</b>	