Structure of the MCA Programme:

The MCA programme is of 150 credits. The distribution of credits over the semesters is given below.

Course Type	SEM-1	SEM-II	SEM-III	SEM-IV	SEM-V	SEM-VI	Total Credits	EoTE Univ./ Institute.
Compulsory Theory-Core	3*4 =12C 15 H	3*4 =12C 15 H	3*4 =12C 15 H	3*4 =12C 15 H	2*4 =8C 10 H	-	56 C 70 H	University
Compulsory Theory-Mathematics	1*3 =3 C 4 H	1*3 =3 C 4 H	1*3 =3 C 4 H	1*3 =3 C 4 H	-	-	12 C 16 H	University
Compulsory Theory-Management	1*3 =3 C 4 H	1*3 =3 C 4 H	1*3 =3 C 4 H	-	-	-	9 C 12 H	University
Compulsory LAB Courses	2*4 =8 C 12 H	1*4 =4 C 6 H	1*4 =4 C 6 H	1*4 =4 C 6 H		-	20 C 30 H	University
Project Work	-	1*2 = 2 C 4 H	1*2 = 2 C 4 H	1*2 = 2 C 4 H	1*2 =2 C 4 H	-	8 C 16 H	University
Internship	-	-	-	-	-	1*10 =10C	10 C	University
							115 C	
Elective Theory	-	-	-	1*4 =4 C 4 H	3*4 =12C 12 H	-	16 C 16 H	Institute
Elective LAB Courses	-	-	1*3 =4 C 5H	1*3 =4 C 5H	1*3 =4 C 5H		3*3= 9 C 15 H	Institute
General Courses	1*2 = 2C 4 H	1*2 = 2C 4 H	1*2 = 2C 4 H	1*2 = 2C 4 H	1*2 = 2C 4 H	-	10 C 10 H	Institute
Total Credits Per Semester	28	26	29	30	30	10	150	
Total Hours Per week	39	37	42	42	40	30	230	

SEMESTER-WISE COURSE INFORMATION

SEMESTER I

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
101	Basics of Software Development Skills	4	3	2	-	0.7/0.3	Univ.
102	Elementary Algorithmics	4	3	2	-	0.7/0.3	Univ.
103	Database Management Systems	4	3	2	-	0.7/0.3	Univ.
104	Discrete Structures I	3	2	2	-	0.7/0.3	Univ.
105	Management Functions	3	2	2	-	0.7/0.3	Univ.
106#	Programming with C	4	2	-	4	0.7/0.3	Univ.
107#	Web Supporting Technologies	4	2	-	4	0.7/0.3	Univ.
108	General Course I	2	-	-	4	Continuous Assessment	Institute
Total		28	17	10	12		

SEMESTER II

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
201	Computer Architecture	4	3	2	-	0.7/0.3	Univ.
202	Object Oriented Analysis and Design	4	3	2	-	0.7/0.3	Univ.
203	Business Information Systems	4	3	2	-	0.7/0.3	Univ.
204	Discrete Structures II	3	2	2	-	0.7/0.3	Univ.
205	Financial Accounting and Management	3	2	2	-	0.7/0.3	Univ.
206#	Database Management with Oracle	4	2	-	4	0.7/0.3	Univ.
207	Project I	2	-	-	4	0.7/0.3	Univ.
208	General Course II	2	-	-	4	Continuous Assessment	Institute
Total		26	15	10	12		

SEMESTER III

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
301	Operating System Concepts	4	3	2	-	0.7/0.3	Univ.
302	Computer Networks	4	3	2	-	0.7/0.3	Univ.
303	Software Engineering	4	3	2	-	0.7/0.3	Univ.
304	Empirical Methods for Researching Information Systems	3	2	2	-	0.7/0.3	Univ.
305	Organizational Behaviour	3	2	2	-	0.7/0.3	Univ.
306#	Programming with Java	4	2	-	4	0.7/0.3	Univ.
307	Project II	2	-	-	4	0.7/0.3	Univ.
308	LAB Elective I	3	1	-	4	Continuous Assessment	Institute
309	General Course III	2	-	-	4	Continuous Assessment	Institute
Total		29	16	10	16		

SEMESTER IV

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
401	Applied Data Structures	4	3	2	-	0.7/0.3	Univ.
402	Design Patterns and HCI	4	3	2	-	0.7/0.3	Univ.
403	Software Project Management	4	3	2	-	0.7/0.3	Univ.
404	Probability and Simulation	3	2	2	-	0.7/0.3	Univ.
405	Elective Course I	4	4	-	-	Continuous Assessment	Institute
406#	Dot Net Technologies	4	2	-	4	0.7/0.3	Univ.
407	**Project III**	**2**	**-**	**-**	**4**	**0.7/0.3**	**Univ.**
408	LAB Elective II	3	1	-	4	Continuous Assessment	Institute
409	General Course IV	2	-	-	4	Continuous Assessment	Institute
Total		30	18	08	16		

SEMESTER V

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
501	Soft Computing	4	3	2	-	0.7/0.3	Univ.
502	Finite Automata and Grammars	4	3	2	-	0.7/0.3	Univ.
503	Elective Course II	4	4	-	-	Continuous Assessment	Institute
504	Elective Course III	4	4	-	-	Continuous Assessment	Institute
505	Elective Course IV	4	4	-		Continuous Assessment	Institute
506	Project IV	2	-	-	4	0.7/0.3	Univ.
507	Lab Elective II	3	1	-	4	Continuous Assessment	Institute
508	LAB Elective III	3	1	-	4	Continuous Assessment	Institute
509	General Course V	2	-	-	4	Continuous Assessment	Institute
Total		30	20	04	16		

SEMESTER VI

Course Number	Course Title	Credit Value	#Lec.	#Tut.	#Lab.	Weightage for EoTE/IA	EoTM
601	Internship Project	10	-	-	-	0.7/0.3	Univ.

There is no theory examination conducted by university for courses 106, 107, 206, 306, 406.

The four electives, the three Lab electives, and General Courses are finalized by the respective institutes.