

Faculty of Engineering & Technology
Proposed Curriculum structure of Second Year M.C.A.

WEF: 2016-17

SYMCA Part I

Sr. No	Course Code	Name of Subject	Teaching Scheme				Examination Teaching Scheme				
			L	T	P	TOTAL CREDITS	TH	CT	TW	PR	TOTAL
1	MCA21	Core Java	3	1	-	4	80	20	-	-	100
2	MCA22	Relational Database Management System	4	0	-	4	80	20	-	-	100
3	MCA23	Advanced Computer Networks	4	-	-	4	80	20	-	-	100
4	MCA24, 25	Elective I	3	1	-	4	80	20	-	-	100
5	MCA26	Web Engineering	2	-	-	2	50	-	-	-	50
6	MCA27	Statistical Methods	2	-	-	2	50	-	-	-	50
7	MCA28	Lab-I Core Java	-	-	2	1	-	-	-	50	50
8	MCA29	Lab-II RDBMS	-	-	2	1	-	-	-	50	50
9	MCA30	Lab-III ASP.NET	-	-	2	1	-	-	50	50	100
10	MCA31	Lab-IV Advanced CN	-	-	2	1	-	-	50	-	50
Total			18	2	8	24	420	80	100	150	750

Elective I:

1. MCA24 – Principles of Programming Languages
2. MCA25 – Soft Computing

SYMCA Part II

Sr. No	Course Code	Name of Subject	Teaching scheme				Examination Teaching Scheme				
			L	T	P	TOTAL CREDITS	TH	CT	TW	PR	TOTAL
1	MCA32	Advanced Java	3	1	-	4	80	20	-	-	100
2	MCA33	DWDM	4	-	-	4	80	20	-	-	100
3	MCA34	OOAD	2	-	-	2	50	-	-	-	50
4	MCA35,36	Elective II	4	-	-	4	80	20	-	-	100
5	MCA37	DAA	3	1	-	4	80	20	-	-	100
6	MCA38	Competency Skills	2	-	-	2	-	-	50	-	50
7	MCA39	Lab-I Advanced Java	-	-	2	1	-	-	-	50	50
8	MCA40	Lab-II DWDM	-	-	2	1	-	-	-	50	50
9	MCA41	Lab-III DAA	-	-	2	1	-	-	50	-	50
10	MCA42	Lab-IV MINI PROJECT	-	-	2	1	-	-	50	50	100
Total			18	2	8	24	370	80	150	150	750

Elective II:

1. MCA35 – Operation Research
2. MCA36 – Natural Language Processing