

DEPARTMENT OF INFORMATION TECHNOLOGY (REGULAR)

M.C.A. SEMESTER-WISE DISTRIBUTION OF COURSES

BATCH-2021

SEMESTER I (FIRST YEAR I-SEMESTER)						
Sl. No.	Course Code	Course Title	Hours per week			Credits
			L	T	P	
1.	MCA-611	COMPUTERS & PROGRAMMING CONCEPTS	2	0	1	3
2.	MCA-613	FOUNDATION OF THEORITICAL COMPUTER SCIENCE	3	1	0	3
3.	MCA-615	COMPUTER ORGANIZATION & ARCHITECTURE	2	0	1	3
4.	MCA-617	NUMERICAL TECHNIQUES FOR COMPUTERS	3	1	0	3
5.	MCA-619	ACCOUNTING & FINANCIAL MANAGEMENT	3	1	0	3
Total Credits						15
SEMESTER II (FIRST YEAR II-SEMESTER)						
1.	MCA-610	ELEMENTS OF COMPUTERS OPERATING SYSTEMS	3	1	0	3
2.	MCA-612	DATA STRUCTURE	2	0	1	3
3.	MCA-614	STRUCTURED PROGRAMMING LANGUAGES	2	0	1	3
4.	MCA-616	RDBMS	2	0	1	3
5.	MCA-618	DISCRETE MATHEMATICAL STRUCTURES	2	0	1	3
Total Credits						15
SEMESTER III (SECOND YEAR I-SEMESTER)						
1.	MCA-621	COMPUTER COMMUNICATION NETWORKS	2	0	1	3
2.	MCA-622	OBJECT ORIENTED PROGRAMMING	2	0	1	3
3.	MCA-623	DESIGN AND ANALYSIS OF ALGORITHMS	3	1	0	3
4.	MCA-625	OPERATIONS RESEARCH	3	1	0	3
5.	MCA-627	MICRO COMPUTER AND MICROPROCESSOR	2	0	1	3

Total Credits						15
SEMESTER IV (SECOND YEAR II-SEMESTER)						
1.	MCA-620	SOFTWARE ENGINEERING	3	1	0	3
2.	MCA-629	INTERNET AND JAVA PROGRAMMING	2	0	1	3
3.	MCA-624	VISUAL PROGRAMMING	2	0	1	3
4.	MCA-647	COMPUTER SYSTEM SECURITY (ELECTIVE 1)	2	0	1	3
5.	MCA-649	E-COMMERCE (ELECTIVE 2)	2	0	1	3
Total Credits						15
SEMESTER V (FINAL YEAR I-SEMESTER)						
1.	MCA-631	MANAGEMENT INFORMATION SYSTEM	2	0	1	3
2.	MCA-633	COMPUTER GRAPHICS & ANIMATION	2	0	1	3
3.	MCA-635	EXPERT SYSTEM	3	1	0	3
4.	MCA-646	CURRENT TRENDS IN PROGRAMMING (ELECTIVE 3)	2	0	1	3
5.	MCA-651	DATA MINING & WAREHOUSING (ELECTIVE 4)	2	0	1	3
6.	MCA-600	MASTER'S SEMINAR	0	0	1	1
Total Credits						16
SEMESTER VI (FINAL YEAR II-SEMESTER)						
1.	MCA -699	INDUSTRIAL TRAINING / PROJECT	-	-	-	15

Total Credits: 91