

M.C.A. (MASTER OF COMPUTER APPLICATIONS)

Eligibility:

- Degree in Engineering / Technology / Commerce / Banking / Business Administration / Computer Application / Science with Mathematics as one of the subjects.
- Any degree with a Post-Graduate Diploma in Computer Science / Computer Application of minimum one year duration of recognized University.
- Any degree with Mathematics at plus 2 level (Allied subjects like Basic Mathematics, Applied Mathematics and Business Mathematics are not treated as equivalent to +2 Mathematics)

Eligibility for MCA Direct II Year

- B.C.A. (or) B.Sc. (Computer Science / Information Technology). However, these students have to write the pass first year M.C.A. Examination Papers. Year exemption alone will be given.

Eligibility for MCA Lateral Entry

- Any degree with a Post Graduate Diploma in Computer Science / Computer Application (PGDCA) of minimum one year duration of a recognized University.

Course Duration:

3 Years – (Non-Semester System)

COURSE : M.C.A. (Master of Computer Applications)			
MEDIUM : English			
COURSE CODE (M.C.A) : 6040			
COURSE CODE (M.C.A Direct II Year) : 6041			
COURSE CODE (M.C.A Lateral Entry) : 6042			
Year	S.NO	PAPER NAME	EXAMINATION CODE
I	1	Mathematical Foundation of Computer Science	PMCA01
	2	Accounting & Financial Management	PMCA02
	3	Programming in 'C'	PMCA03
	4	Digital Principles and Computer Organization	PMCA04
	5	Communication Skills	PMCA05
	6	Graph Theory	PMCA06

	7	Software Engineering	PMCA07
	8	Relational Database Management System	PMCA08
	9	Other Oriented Programming and C++ Language	PMCA09
	10	Micro Processor & Introduction to Embedded Systems	PMCA10
	11	Practicals: Programming Lab 1 C & C++	PMCAL1
	12	Practicals: Programming Lab 1 RDBMS Lab	PMCAL2
II	1	Optimization Techniques	PMCA11
	2	Computer Graphics	PMCA12
	3	System Analysis And Design	PMCA13
	4	Computer Networks	PMCA14
	5	Data Structure using C++	PMCA15
	6	Computer Based Numerical Methods	PMCA16
	7	Java Programming	PMCA17
	8	Operating Systems	PMCA18
	9	Elective Neural Networks	PMCA19
	10	Elective-Client Server Technology	PMCA20
	11	Practicals: Programming Lab 3 Graphics & Linux Lab	PMCAL3
	12	Practicals: Programming Lab 4 Java Lab	PMCAL4
III	1	Web Technology	PMCA21
	2	Principles of Management and Organisational Behaviour	PMCA22
	3	Network Programming	PMCA23
	4	Elective Visual Programming Concepts in Visual C++	PMCA24
	5	Elective-Data Mining and Data Warehousing	PMCA25
	6	Practicals: Programming Lab 5 Web Technology Lab	PMCAL5
	7	Practicals: Programming Lab 6 Visual Programming	PMCAL6

		Lab	
	8	Project / Viva Voce	PMCAR

Theory classes and Practical training will be conducted in recognized Computer Centres in various places. Students will be informed individually of the detailed schedule. Attendance is compulsory.

Scheme of Examination for all M.C.A. Degree Courses

Duration: 3 Hrs

Evaluation Components	Maximum Marks		Passing Minimum	
	Internal	External	External	Total
Theory & Practical	25	75	34	50
Project	100	200	90	150