



Greetings from

## Global Institute of Management & Technology (GIMT)

*An educational project from AmanSoft Technologies..!!*

Name of Program: **Master of Computer Applications - MCA**

Duration of Program: **3 Years/ 6 Semesters**

Eligibility: **Graduation in any stream**

Lateral Entry: **Candidates with BCA or Graduation + PGDCA can take direct admission to 3<sup>rd</sup> Sem.**

### General Syllabus:

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
Computer Fundamentals & Programming in C	Introduction to Microprocessor
Mathematical Foundation	Data & File Structure
Computer Organization	Programming Language - II
Financial & Management Accounting	Computer Oriented Numerical Methods
Database Management System - I	Database Management Systems - II
Basic Microcomputer Applications	Software Project Lab

  

3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester
System Analysis & Design	Software Engineering
Operating System	Computer Graphics
Data Communications & Networking - I	Data Communications & Networking - II
Computer Based Management System	System Software
Client Server Architecture & Application - I	Client Server Architecture & Application - II
Java Programming	Elective - Parallel Processing / Artificial Intelligence/ Compiler Construction

  

5 <sup>th</sup> Semester	6 <sup>th</sup> Semester
Computer Based Optimization Methods	Major Project Work
Object Oriented Analysis & Design	
Elective - Data Warehousing & Data Mining / Data Encryption & Security / Distributed System	
Client Server Architecture & Application - I	
Seminar	

Thanks & Regards,

Admin Team,

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