

MASTER OF COMPUTER APPLICATIONS
MCA
Indira Gandhi National Open University, India (IGNOU)
Partner Institute: Open Minds International, Singapore
PI Code: 9301

The Open Minds International in conjunction with Indira Gandhi Open University invites applications for Master of Computer Applications programme.

This Programme offers those holding **BCA** or Bachelor's degree +CIC or 10+2 with 3 years working experience +CIC or an equivalent qualifications, an opportunity to upgrade their knowledge and skills to Bachelor's degree from a well-known University.

The Open University approach is more learners oriented and the student is an active participant in the teaching and learning process. Most of the instruction is imparted through distance learning material comprising of printed text, audio-visual material and counseling sessions.

Learning material is specially prepared for the courses by a team of experts

Eligibility: Bachelor degree in Computer Science or for non-Computer Science B.Tech/M.Sc/other graduates (such applicants are required to pursue CIC concurrently with MCA 1st semester).

Exam: June and December

drawn from different universities / professional institutes all over India as

Well as in-house faculty. The material is reviewed by the content experts, supervised by instructional /unit designers and edited by Language experts at IGNOU before printing or production.

This programme is designed to be completed in **3 years over six semesters**. In a semester, a student can take a maximum of four courses and a minimum of one. However a student can study at his own pace and complete the programme in **6 years**. A student is not required to attend regular counseling sessions.

The University follows the credit system for its undergraduate programmes. Each credit system amounts to 30 hrs of study comprising of all learning activities.

The students who haven't studied Math at 10+2 level are required to do CS-60 in the first semester of MCA.

The students enrolling for the MCA Programme who have completed the DOEACC O-Level Programme is not required to enroll for CIC.

PROGRAMME CURRICULUM

I-SEMESTER

Course	Course Title	Credits
MCS -011	Problem Solving and Programming	3

MCS-012	Computer Organization and Assembly Language Programming	4
MCS-013	Discrete Mathematics	2
MCS-014	Systems Analysis and Design	3
MCS-015	Communication Skills	2
MCS-016	Internet Concepts and Web Design	2
MCS-017	C and Assembly Language Programming Lab	2

II-SEMESTER

Course	Course Title	Credits
MCS -021	Data and File Structures	4
MCS-022	Operating System Concepts and Networking Management	4
MCS-023	Introduction to Database Management Systems	3
MCS-024	Object Oriented Technologies and Java Programming	3
MCSL-025	Lab (based on MCS-021,022,023 &024)	4

III-SEMESTER

Course	Course Title	Credits
MCS -031	Design and Analysis of Algorithms	4
MCS-032	Object oriented Analysis and Design	3
MCS-033	Advanced Discrete Mathematics	2
MCS-034	Software Engineering	3
MCS-035	Accountancy and Financial Management	3

IV-SEMESTER

Course	Course Title	Credits
MCS -041	Operating Systems	4
MCS-042	Data Communication and Computer Networks	4
MCS-043	Advanced Database Management Systems	4
MCS-044	Mini Project	4
MCSL-045	Lab (UNIX and ORACLE)	2
MCSL-036	Lab (based on MCS-032,034 &035)	3

V-SEMESTER

Course	Course Title	Credits
MCS -051	Advanced Internet Technologies	3

MCS-052	Principles of Management and Information Systems	2
MCS-053	Computer Graphics and Multimedia	4
MCSL-054	Lab (based on MCS-51 &53)	2
MCSE-001 To 012	012 Elective Courses	9

VI-SEMESTER

Course	Course Title	Credits
MCSP -060	Project	16

INSTRUCTIONAL SYSTEM

PRINT MATERIAL (STUDY MATERIAL): The print material prepared by the University is self-instructional in nature. Each course is divided into number of Blocks. The printed materials would be sufficient to write assignment responses and prepare for the term-end examination.

ASSIGNMENTS:

Assignments constitute the continuous evaluation. The submission of assignments is compulsory. The Grade/Marks you get in your assignments will be counted in your result.

The main purpose of the assignment is to test your comprehension of the learning material you receive from us and also to help you get through the courses.

Assignments are uploaded on the site www.ignou.ac.in from the month of Jan.

TERM-END EXAMINATION (TEE):

Another component of the evaluation system is the term-end examination.

The University conducts the term-end examination twice in a year i.e. in June and in December.

- ✓ If you fail to get D grade in the term end examination of the particular course, you will be eligible to reappear in the next term end examination for the same course.

To be eligible to appear at the term end examination in any course, you are required to fulfill the following conditions:

- You should have registered (opted) for the respective courses.
- You should have submitted all the assignments for the respective courses.
- You should have submitted the examination form in time.

Note: Kindly be careful in writing your enrolment number and subject code while filling the exam form. Any mistake in writing the enrolment number or course code will result in non – declaration of your result.

HALL TICKET:

Hall ticket is your Term End Examination Intimation Slip.

Hall tickets are uploaded on the website 1 week before the commencement of the relevant TEE. You can download the same from University website www.ignou.ac.in and the same would be valid provided you carry Identity Card along with it.

Hall tickets arrive at the exam centre one week before the commencement of examination. You can collect the same on the day of the examination.

How to check the Results:

Results are uploaded online.

Main page of the website - Students zone - examination results-term end exam.

Comprehensive Grade card are also available on the website in students zone.

EVALUATION:

Continuous evaluation in the form of periodic compulsory assignments carries a weightage of 30% for each Course. The Term-End Examination has a weightage of 70% of the total for each course. Students admitted in January Cycle session will have to appear for TEE in December for the first time and students admitted in July Cycle session will have to appear for the TEE in June for the first time.

Submission of Assignments:

The assignments are practical in nature. The answers are to be based on your own judgment and experience. You should not produce the text materials or copy the information from other sources. However, you may use the course material and any other sources of information you have ready for reference. Please note that the assignment carries the weightage of 30% towards the final evaluation of theory courses and submission of related assignments is a pre-requisite for appearing in theory term end examination for respective courses.

The following points should be kept in mind when you prepare the assignments:

- Make the answer concise and systematic. Always try to avoid irrelevant details and focus on the question and its various aspects.
- Take care of the word limit wherever specified in the assignments. Please stick to the word limit as far as possible. At the same time, make the descriptions adequate and not too short. The word limit is set to sharpen the focus of the responses and not to restrict your expression.

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