



Indira Gandhi National Open University

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MCA Programme Details

- MCA Programme of IGNOU is recognized by AICTE
- Admission to July 2016 session – open in May 2016
- Prospectus-cum-application will be issued in May 2016
- Last date to apply : 17th August 2016
- Cost of Prospectus : Rs. 200/-
- Pattern of Registration : Semester
- First Semester Fee : Rs. 9,000/-

Eligibility: Any Bachelor's degree of minimum 3 years duration from a recognized University and Mathematics as one the subject a 10+2 level or graduation level or the student is required to pursue and pass the BCS12 course concurrently with IGNOU MCA.

Minimum duration: 3 years

Maximum duration: 6 Years

Documents to be Submitted along with application:

1. 10+2 Mark sheet copy
2. Degree Certificate / Provisional Certificate Copy
(No Originals required)

OTHER INFORMATION: Counselling session: Optional

Practical Sessions: 75% attendance during
Saturday and Sunday (Flexible)

Study Centre : Thiagarajar College, Teppakkulam,
Madurai – 9

I semester exam : December 2016

Exam fee : Rs. 840/- per semester

For Admission : Contact IGNOU, Regional Centre, Madurai.

MCA SUBJECT DETAILS:

FIRST YEAR

I Semester

- 1 Problem Solving and Programming
- 2 Computer Organization and Assembly Language Programming
- 3 Discrete Mathematics
- 4 Systems Analysis and Design
- 5 Communication Skills
- 6 Internet Concepts and Web Design
7. C and Assembly Language Programming Lab

II Semester

- 1 Data and File Structures
2. Operating System Concepts and Networking Management
3. Introduction to Database Management Systems
4. Object Oriented Technologies and Java Programming
5. Lab (based on 2, 3, 4)

SECOND YEAR

III Semester

1. Design and Analysis of Algorithms
2. Object Oriented Analysis and Design
3. Advanced Discrete Mathematics
4. Software Engineering
5. Accountancy and Financial Management
6. Lab (based on 2, 4, 5)

IV Semester

1. Operating Systems
2. Data Communication and Computer Networks
3. Advanced Database Mathematics Management Systems
4. Mini Project 4
5. Lab (UNIX and Oracle) .

THIRD YEAR

V Semester

1. Advanced Internet Technologies
2. Principles of Management and Information systems
3. Computer Graphics and Multimedia
4. Lab (based on 1 and 3)

Elective Courses

1. Artificial Intelligence and Knowledge Management
2. Numerical and Statistical Computing
3. Parallel Computing

VI Semester

1. Project
- * Presently, only 3 elective courses are on offer and student should select all of them. As and when we design the new courses we will inform.

Total number of Theory Courses - 23

Lab Courses - 6

Mini Project - 1

Major Project - 1