

Fatima College (Autonomous)

Re-Accredited with 'A' grade by NAAC (3rd Cycle)
94th Rank in India Ranking 2019 (NIRF) by MHRD
Mary Land, Madurai -625 018



San Jose Block

Fatima Institute of Management

Professional Programmes

Approved by AICTE and Affiliated to Madurai Kamaraj University

MBA & MCA PROSPECTUS

2020 - 2021

PROFESSIONAL PROGRAMMES

1. M.B.A. (2 Years - 4 Semesters)

2. M.C.A. (2 Years - 4 Semesters)**

** As per "AICTE Handbook 2020 - 21"
released by AICTE on Feb 4th 2020,
the MCA course will be offered as a
2 year programme from the
academic year 2020 - 2021

Ref

: https://www.aicte-india.org/sites/default/files/APH%202020_21.pdf

ADMISSION PROCEDURE

MBA

Based on the Entrance Test Score, meritorious candidates will be called for Group discussion and Interview. (Entrance Test can be any approved Common Entrance Test like TANCET, MAT, CAT, CMAT etc.)

Eligibility

A Bachelor's degree in any discipline with an aggregate of 50% marks. Students can apply with V semester Mark Statement.

MCA

Based on the score secured in any approved Common Entrance Test (like MAT, TANCET, Consortium test etc.), the short listed candidates are called for Group Discussion and Interview. Selection is based on their overall performance.

Eligibility

Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree.

OR

Passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University).

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination.

Guidelines

- ❖ Applications received after the last date and the applications which are defective in any respect will be summarily rejected.
- ❖ Admission, if granted, on false information furnished by the candidate will be cancelled at any stage.
- ❖ Admission granted will be provisional till all certificates are scrutinized and accepted.
- ❖ The College will forfeit the seat offered to the selected candidate, if she fails to pay the fees within the stipulated time.
- ❖ Fees once paid shall not be refunded on or after the commencement of classes and on or after the closing date of admission to the concerned course whichever is earlier.
- ❖ The College will not be responsible for any delay or loss in postal transit.
- ❖ The College does not accept any capitation fee or donation. Any case of attempt to secure admission through unauthorized payment will be viewed seriously, when reported with evidence and may result in the cancellation of admission.

The following Certificates in original must be submitted at the time of admission

- ❖ Selection Intimation Card
- ❖ Secondary School Leaving Certificate
- ❖ Higher Secondary Course Certificate
- ❖ Grade / Mark Sheet for the degree courses (all semesters / upto V semester)
- ❖ Transfer Certificate
- ❖ Conduct Certificate
- ❖ Course Completion Certificate from the college last studied
- ❖ Provisional Certificate from University
- ❖ A Medical Certificate of fitness (with Blood Group) for study
- ❖ Community Certificate (Xerox)
- ❖ Baptism Certificate (RC Christian Only)
- ❖ If from other University - Eligibility Certificate

Principal

FEE STRUCTURE

MBA FEE DETAILS 2020 - 2021

Particulars	Semester I	Semester II
<i>Approved Staff Salary Account</i>		
Tuition Fees	32,000.00	31,500.00
<i>Special Fees Account</i>		
Special Fees		---
Laboratory Fee	4,000.00	4,000.00
Library Fee	4,200.00	3,750.00
<i>Non-Salary Account</i>		
Admission Fees	500.00	
Flag Day		
<i>Additional Facilities Account</i>		
Internal Assessment	500.00	500.00
Seminar, Sessions & Symposium	2,000.00	2,000.00
Guest Lecture	3,500.00	3,500.00
Case Study Materials	1,700.00	1,700.00
Parents Meeting		50.00
Identity Card & File	100.00	
Catholic Student - Retreat		
Alumnae Association		1,000.00
Total	48,500.00	48,000.00

FEE STRUCTURE

MCA FEE DETAILS 2020 - 2021

Particulars	Semester I	Semester II
<i>Approved Staff Salary Account</i>		
Tuition Fees	25,000.00	25,000.00
<i>Special Fees Account</i>		
Special Fees		---
Laboratory Fee	4,500.00	4,500.00
Library Fee	2,150.00	2,200.00
<i>Non-Salary Account</i>		
Admission Fees	500.00	
Flag Day		
<i>Additional Facilities Account</i>		
Internal Assessment	500.00	500.00
Seminar, Sessions & Symposium	1000.00	1000.00
Guest Lecture	1500.00	1500.00
Case Study Materials	250.00	250.00
Parents Meeting	---	50.00
Identity Card & File	100.00	
Catholic Student - Retreat		
Alumnae Association		1000.00
Total	<u>35,500.00</u>	<u>36,000.00</u>

SALIENT FEATURES

Personality Development:

Case analysis, Presentation and Group Discussion are conducted regularly to enhance the students' communication skills and promote free exchange of ideas and opinions. Situational Analysis, Management Games & Role play are conducted to develop the decision making skill among the students.

Seminar:

Create and disseminate Professional knowledge in diverse fields, the MBA Department is Striving to keep pace with the developments that are taking place in the rapidly changing corporate world by organising and permit to participate in various International, National Conferences and Seminars in the college premises.

Workshop:

Since its inception the MBA Department has been dedicating its facilities for conducting significant and socially relevant research oriented workshops. It is ensured that the students will get theoretical knowledge as well as extensive practical exposure on latest management concepts like E-commerce, Knowledge management and many more through real life projects.

Guest Lecture and Industrial Visit:

Guest Lectures are regularly given by practicing managers from industries. Their interaction with the students by sharing their experiences facilitates greater learning of application of management concepts. To have practical understanding of business, the students have to work on mini project / summer training / project in leading corporate houses in the area of Finance / HR / IT / Service and manufacturing operations.

Placement:

There exists a high degree of emphasis on maintaining close liaison with the industry and other corporate employers. Interactions of the students with professionals from industry are arranged regularly. This is apart from the regular training, and mock interview sessions are arranged for grooming up the students. A good majority of our students receive their offer letters even before the Final Exams. The active follow-up efforts made by the Department with the recruiters network makes it possible.

Library:

Fatima College has an excellent computerized main Library named “Rosa Mystica” with a collection of 1,22,667 volumes. The library subscribes 201 periodicals of both national and international standard and E-Journals. The Departmental library has an impressive and exhaustive collection of books on several topics in the field of General Management, Information Technology and Computer Application. The departments are also equipped with audio visual aids (Reprography) to enrich knowledge in the area of management and Information Technology.

Computer Lab:

An exclusive, well-equipped AS/400 Computer Lab is available for all the courses. Network facilities with the latest technology, connecting Intel Processor based computers with Ink Jet Printers, Laser Printers, Dot Matrix Printers, Video Projector and Scanner are also available.

Hostel Accommodation:

Hostel is attached to the College and is located within the premises of the College. Prospectus and application forms for admission to the hostel, will be given at the time of admission. Vegetarian/ Non-Vegetarian food is provided.

Faculty:

All the professional courses have qualified staff members with professional experience in industries. We also have host of professionally qualified visiting, guest faculties and practicing managers. Our faculty members regularly update their competency by participating in Conferences, Seminars, Symposium and other Faculty Development Programmes / Quality Improvement Programmes. They utilize all these skills to hone up the development of future Executives/ Managers as personal, Professional and Socially responsible personalities.

Class rooms and Seminar Hall:

We have well furnished and well equipped classrooms, smart rooms, seminar halls and Auditorium.

**MBA PROGRAMME
2020 - 2021
TWENTY FIFTH BATCH**

The AICTE approved professional course MBA was started in the year 1996. Master of Business Administration (MBA) is a two year programme with 4 semesters. It offers 7 specializations namely Marketing, System, Finance, Human Resource, Production, Hospital Management and International Business in the II year to cater to the needs of the Corporate.

MEMBERS OF THE BOARD OF STUDIES

- University Nominee :** **Dr. R. Menaga**
Assistant Professor,
Department of Management Studies,
Directorate of Distance Education,
Madurai Kamaraj University, Madurai.
- Subject Experts :** **Dr. K. Navarathinam**
Deputy Director (Admission) &
Associate Professor,
R. L. Institute of Management Studies, Madurai.
- Dr. P. Kannan**
Professor & Head,
Department of Management Studies,
P.S.R. Engineering College, Sivakasi.
- Industrial Expert :** **Prof. N. Shanmugam**
Managing Director,
Madurai Engineering Company, Madurai.
- Alumnae :** **Ms. K. S. Abirami**
HR Assistant Manager,
K. P. Solutions, Madurai.

FULL TIME FACULTY

- 1.Dr. Sr. G. Celine Sahaya Mary**, MBA.,FDP., Ph.D. (Principal)
- 2.Dr. S. Raju**, MBA., Ph.D. (Director)
- 3.Dr. P. Shyamala**, M.B.A.,M.Phil.,Ph.D.,PGDCA,SET,NET (HOD)
- 4.Mrs. N. Asha**, MBA, M.Phil., NET, SET, CBCPS, (Ph.D.)
- 5.Dr. L. Meena**, M.B.A., M.Phil., Ph.D., NET., SET,
- 6.Dr. M. Nagarenitha**, M.B.A., M.Phil., Ph.D., NET., SET,
- 7.Dr. B.Jayanthi**, M.B.A., M.Phil., Ph.D.,
- 8.Dr. R. Suganya**, M.B.A., M.Com., M.Phil., Ph.D., NET., PGDCM

CURRICULUM

The MBA Department keeps pace with changes by timely curriculum upgradation with Outcome Based Education (OBE) syllabus and introduction of revolutionary ideas with societal conscience, and above all introduction of new courses in demand. The inherent managerial qualities of the students are further groomed and honed by qualified Faculty with their up to date pedagogy. Accordingly the latest trends in management education are incorporated in our teaching methodology.

FIRST YEAR

Semester - I

- ◆ Management Principles and Practice
- ◆ Digital Management
- ◆ Organisational Behavior
- ◆ Executive Communication
- ◆ Management Accounting
- ◆ Managerial Economics
- ◆ Quantitative Techniques
- ◆ Comprehensive Viva

Semester - II

- ◆ Production & Operations Management
- ◆ Marketing Management
- ◆ Management Information System
- ◆ Managerial Skills
- ◆ Human Resource Management
- ◆ Financial Management
- ◆ Business Research
- ◆ Comprehensive Viva

SECOND YEAR

Semester - III

- ◆ Strategic Management
- ◆ Elective 1
- ◆ Elective 3
- ◆ Business Ethics
- ◆ Comprehensive Viva
- ◆ Entrepreneurship
- ◆ Elective 2
- ◆ Live Project
- ◆ Summer Training/Project

Semester - IV

- ◆ International Business Management
- ◆ Elective 2
- ◆ Managerial Environment
- ◆ Comprehensive Viva
- ◆ Elective 1
- ◆ Dissertation
- ◆ Project Report & Viva Voce

ELECTIVES OFFERED

MARKETING

- ◆ Marketing Research
- ◆ Advertising Management
- ◆ Sales and Distribution Management
- ◆ Customer Relationship Management
- ◆ Brand Management
- ◆ Digital Marketing
- ◆ Rural Marketing
- ◆ Services Marketing
- ◆ Consumer Behaviour
- ◆ Retailing Management

SYSTEMS

- ◆ E-Commerce
- ◆ Introduction to GUI & Visual Basic
- ◆ Enterprise Resource Planning
- ◆ Knowledge Management
- ◆ Relational Database Management System & Oracle
- ◆ Internet & Java Programming
- ◆ Computer Networks

FINANCE

- ◆ Project Financing
- ◆ Strategic Financial Management
- ◆ Fundamentals of Insurance Management
- ◆ Banking and Financial Institutions
- ◆ Derivatives and Markets
- ◆ Security Analysis and Portfolio Management
- ◆ Management of Financial Services
- ◆ Mergers, Acquisitions & Corporate Restructuring

HUMAN RESOURCE

- ◆ Total Quality in Human Resource
- ◆ Advanced Industrial Relations
- ◆ Training & Development
- ◆ Labour Legislation
- ◆ Strategic Human Resource Management
- ◆ Career Management
- ◆ Industrial Psychology & Counseling
- ◆ Human Resource Accounting and Audit
- ◆ Management Consultancy
- ◆ Disaster Management
- ◆ Human Resource Information System

PRODUCTION AND OPERATIONS

- ◆ Total Quality Management
- ◆ Materials Management
- ◆ Advanced Manufacturing System
- ◆ Value Engineering & Waste Control
- ◆ Production Planning & Control
- ◆ Project Management

HOSPITAL MANAGEMENT

- ◆ Hospital Administration - I
- ◆ Health Insurance
- ◆ Hospital Accounting and Finance
- ◆ Hospital Administration - II
- ◆ Quality Management in Hospital
- ◆ Marketing of Hospital Services

INTERNATIONAL BUSINESS

- ◆ International Financial Management
- ◆ Logistics and Supply Chain Management
- ◆ Import Procedures and Documentation
- ◆ International Marketing
- ◆ Export Finance & Documentation
- ◆ International Human Resource Management

MCA PROGRAMME
2020 - 2022
TWENTY SEVENTH BATCH

The AICTE approved professional course **MCA (Master of Computer Applications)** was started in the year 1994. The course covers the technical as well as the managerial aspect of computer applications including 6 months industrial training.

Salient Features :

- ❖ State - of- the-Art computer lab with the latest hardware and software.
- ❖ Restructuring of curriculum every year based on industrial needs.
- ❖ Microsoft certification as a part of the curriculum
- ❖ Specialization electives that best suits the aptitude and interest of every individual
- ❖ General electives focusing on E - business process and Research
- ❖ Committed faculty to deliver not only computing but competing wizards.
- ❖ Continuous follow-up and counseling for students
- ❖ Special lectures by eminent personalities from premier educational institutes and industries.
- ❖ Full fledged placement and training cell.
- ❖ Industries - Institute tie up for projects and placement.
- ❖ Yearly National /International Technical Symposium and Conference.

MEMBERS OF THE BOARD OF STUDIES

University Nominee : **Dr. S. Kannan,**
Professor,
Department of Computer Applications,
School of Information Technology,
Madurai Kamaraj University,
Madurai.625 021

Subject Experts : **Dr. T. KATHIRVALAVAKUMAR**
Professor & Head,
Research Department of Computer Science,
V.H.N.S.N College, Virudhunagar.

Dr. M. PUSHPARANI
Professor & Head, Department of Computer Science,
Mother Teresa Women's University,
Research & Extension Center,
Keelakuyilkudi, Madurai - 625019.

Industrial Expert : **Mr. G. SAHAYARAJ**
Principal Software Engineer IT,
Dell International Services,
Bangalore.

Alumnae: **Ms. A. Divyasri**
Project Manager - Android
Bricksteel Enterprises Infotech Pvt.Ltd.,
Madurai.

FULL TIME FACULTY

- 1. Dr. D. Jeya Mala, M.C.A., M.Phil., Ph.D (Director)**
- 2. Mrs. B. Chandirika, M.C.A., M.Phil., (Ph.D.) (HOD)**
- 3. Mrs. S. Mary Helan Felista, M.C.A., M.Phil., SET, NET.**
- 4. Mrs. R. Smeeta Mary, M.C.A., M.Phil. (Ph.D).**
- 5. Mrs. S. Jebapriya, M.C.A., M.Phil., SET.**
- 6. Mrs. B. Usha, M.Sc., M.Phil., M.Tech, SET.**
- 7. Mrs. S. Selvarani, M.C.A., M.Phil., SET, NET.**
- 8. Mrs. P. Nancy Vincentina Mary MCA., M.Phil.**

CURRICULUM

The OUTCOME BASED EDUCATION (OBE) has been introduced for the MCA course from the academic year 2019 - 2020. OBE is a learner-centric teaching pedagogy that supports the learning activities appropriate to achieve the desired learning outcomes. Through Choice Based Credit System, more electives are being offered and the students have their own options in choosing them. This helps them to specialize in a particular area facilitating opportunities in job market.

SYLLABUS FOR THOSE WHO JOINED IN THE ACADEMIC YEAR 2019-2020

FIRST YEAR

Semester - I

- ◆ Mathematical Foundation of Computer Science
- ◆ Computer Organization and Architecture
- ◆ Operating Systems
- ◆ Programming in C
- ◆ Elective I - General
- ◆ Lab I - Visual Programming
- ◆ Lab II - C Programming
- ◆ Skill Based Lab I - Linux
- ◆ Soft Skills I - Communicative English
- ◆ Comprehensive Viva - I

Semester - II

- ◆ Data Structures and Algorithms
- ◆ Software Engineering
- ◆ Relational Database Management Systems
- ◆ Objected Oriented Programming in C++
- ◆ Elective II - General
- ◆ Lab III - RDBMS
- ◆ Lab IV - C++ Programming
- ◆ Skill Based Lab II - HTML&CSS
- ◆ Soft Skills II - Colloquium
- ◆ Comprehensive Viva - II

SECOND YEAR

Semester - III

- ◆ Graph Theory
- ◆ Data Communication & Networking
- ◆ Programming in Java
- ◆ Elective III Specialization
- ◆ Elective IV - General
- ◆ Lab V - PHP & MYSQL
- ◆ Lab VI- Java Programming
- ◆ Skill Based Lab III- Networking Tools
- ◆ Soft Skills III Quantitative Aptitude
- ◆ Comprehensive Viva - III

Semester - IV

- ◆ Compiler Design
- ◆ Mobile Application Development
- ◆ Programming in Python
- ◆ Elective V - Specialization
- ◆ Elective VI - General
- ◆ Lab VII - Mobile Application Development
- ◆ Lab VIII- Python Programming
- ◆ Skill Based Lab IV - Software Testing Tools
- ◆ Soft Skills IV Technical Aptitude
- ◆ Comprehensive Viva - IV
- ◆ Live Project

THIRD YEAR

Semester - V

- ◆ Software Project Management
- ◆ Machine Learning With Python
- ◆ Web Application Development
- ◆ Elective VII Specialization
- ◆ Elective VIII - General
- ◆ Lab IX - Python for Machine Learning
- ◆ Lab X - ASP.Net with MVC
- ◆ Skill Based Lab V - R Programming
- ◆ Soft Skill V - Interpersonal Skills for Corporate Readiness
- ◆ Comprehensive Viva - V
- ◆ Internship

Semester - VI

- ◆ Project Work & Viva-voce
- ◆ Internet of Things - Self Study

SYLLABUS FOR THOSE WHO JOIN IN THE ACADEMIC YEAR 2020-2021

Curriculum for the 2020-2021 Batch is yet to be approved by the Board of Studies

SPECIALIZATION ELECTIVES

Stream I - Data Science

- ◆ Big Data Analytics
- ◆ Big Data Security
- ◆ Data Analytics Using Pig & Hive

Stream II - Networking

- ◆ Cryptography & Network Security
- ◆ Wireless Sensor Networks
- ◆ High Speed Networks

Stream III Application Development

- ◆ Web Programming Techniques
- ◆ Internet Programming Frameworks
- ◆ Software Development Frameworks

GENERAL ELECTIVES

E - Business Process

- ◆ Resource Management Techniques
- ◆ Financial Management & Accounting
- ◆ Management Information Systems
- ◆ E-Commerce
- ◆ Cyber Forensics
- ◆ Ethics in Computing
- ◆ Entrepreneurship Development

Research Domain

- ◆ Research Methodology
- ◆ Data Mining & Data warehousing
- ◆ Digital Image Processing
Artificial Intelligence&Expert systems
- ◆ Soft Computing
- ◆ Cloud Computing
- ◆ Advanced DBMS Techniques

