ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

College with Potential for Excellence
Re-accredited with 'A+' grade by NAAC

MCA Prospectus 2024-2025

ABOUT ETHIRAJ

Ethiraj College for Women founded in 1948 by Late Thiru. V. L. Ethiraj, a legal luminary, has completed 76 years of glorious existence, making impressive strides in the realm of higher education for women. In a rapidly evolving and highly competitive global environment, the College offers diverse programmes which train the students to succeed in life. The overwhelming demand for admission into several courses led to the establishment of Self-Supporting Stream in the year 1981. The College enjoys Autonomous status and follows semester pattern. With its major thrust on quality sustenance and enhancement, as reflected in splendid achievement in various fields, the College has been recognized by the University Grants Commission as a "College with Potential for Excellence" and has been Re-accredited with 'A+' Grade by NAAC in 2023. Our College has attained the 94th rank in NIRF ranking to remain value addition to the Institution whose endeavors are inspired by its motto –
"To Strive, to Seek, to Find and not to Yield".

VISION
To achieve economic and social equity for women and through them strengthen the Nation to usher in an egalitarian society

MISSION

To sensitize young women to their rights and place in the society through advancement and application of relevant knowledge.

Course Objective

"Real education enhances the dignity of a human being and increases his or her self-respect. If only the real sense of education could be realized by each individual and carried forward in every field of human activity, the world will be so much a better place to live in"- **Dr. A. P. J. Abdul Kalam**

Moving along with the rapid growth of the Information Technology, Ethiraj College for Women imparts training and education in the field of Computer Applications at the Post Graduate Level, "Master of Computer Applications". The programme was started in the academic year (1999-2000). As per AICTE guidelines from the academic year 2021-2022, MCA programme, will be offered as a 2 year full time programme. The department kindles the students to cope-up with various current trends and technological updates. It conducts orientation programmes and workshops to improve both the technical and soft skills of the students. The department motivates and cultivates the will power and brings out the technical skills in students and continues its successful journey in delivering talented perspective young women MCA graduates to the information and communication era.

With promptly evolving expertise and the continuous need for innovation, the department is producing quality, shrewd and vibrant professionals holding significant positions in corporate sectors all over India and abroad. The department is currently with faculty members who are well-qualified and are in constant pursuit of higher learning to provide the adequate knowledge to the students, not only in the field of computer applications, but also in managerial skills to survive in the competitive world of today and tomorrow. The alumni of the department are well-placed and currently hold leading positions in reputed IT industries and Esteemed Institutions world-wide.

The MCA course is affiliated to University of Madras and approved by All India Council for Technical Education (AICTE) Approval No: F. No: TN-58/MCP-CS/98 dated September 23, 1998 and the course got its Autonomy status in the year 2006.

Course Structure

The new curriculum is focusing on learning aspects from three dimensions of Conceptual Learning, Skills Learning and Practical/Hands on experience. The programme offers core papers, electives, extra disciplinary papers, soft-skill papers, internship, practical papers and major project.

In today's world where cut-throat competition is prevailing in the market, theoretical knowledge is not sufficient. The main objective of project training at MCA level is to develop skills in student and supplement the theoretical study of Computer Applications in depth. It provides student with a fundamental knowledge of recent trends in Information Technology and activities as well as an exposure to strategic thinking of doing real-time applications.

Duration of the Course

The course duration shall be **two years** consisting of **four semesters**. In order to be eligible for the award of the degree, the candidate shall successfully complete the course in the maximum period of five years reckoned from the date of enrolment for the first semester of the course.

ADMISSION PROCEDURE

Eligibility Criterion

Candidates, who have passed the under-mentioned degree examinations under 10 + 2 + 3 or 11+1+3 or 11+2+2 pattern or under the Open University System, shall be eligible for admission to the M.C.A Degree Course.

- BCA / BES/ BSc.-Computer Science/ Mathematics /Applied Sciences/ Physics/ Statistics (or)
- B.Com / B.B.M. /B.B.A./ B.L.M. /.B.A. Corporate Secretary ship / B.A. Economics /any other degree with Business Mathematics and Statistics or Mathematics/ Statistics in Main/Allied level (or)
- B.Sc. Chemistry with Mathematics and Physics and Physics as allied subject (or)
- B.E./ B.Tech. / M.B.A (or)
- Bachelors degree in any discipline with Mathematics as one of the subjects at the Higher Secondary level

  https://www.unom.ac.in/webportal/uploads/admissions/eligibility_condition_2024.pdf

TANCET 2024 marks is mandatory for admissions

Register and Apply

Interested Candidates can **apply online** with the required information.

https://ethirajcollege.edu.in/admissions/

Documents required for admission:
- Passport Size Photograph (file size 100 kb; jpg/gif format; 125 x 165 pixels (4.4 X 5.8 cm))
- Parent's signature
- Student's signature
- 10th standard mark sheet
- 11th standard mark sheet
- 12th standard mark sheet
- UG semester marksheets (all marksheets as single pdf)
- Community Certificate
- TANCET hall ticket
- TANCET 2024 mark sheet

FINAL SELECTION

Candidates are selected based on **TANCET Marks** and **Performance in the Technical Interview**.

Bridge and Foundation Course

Based on the qualifications of the students admitted, the mentoring team of the department shall recommend to carry out the bridge and foundation courses as mandatory courses for that candidate.

Two week bridge courses need to be organized before the commencement of the first semester.

Syllabus

List of Elective papers

I Semester
- Software Engineering
- Computer Networks
- Operating Systems

II Semester
- Mobile Computing
- Cloud Computing
- Internet Of Things

III Semester
- Artificial Intelligence
- Digital Image Processing
- Virtual and Augmented Reality

IV Semester
- Robotics
- Big Data Analytics
- Data Warehousing and Mining

Value Added Courses

MCA23/2VAC/DTT - Design the Thinking
(included in Sem II with 2 credit course)

Certificate Courses

- SWAYAM / MOOC / NPTEL
- Learnathon
- Skillathon/UIPath
- NASSCOM Future Skills
- SLAP
- AICTE Universal Human Value Workshop

Field visit / Industry visit

- ISRO , Satellite Centre Bangalore.
- Aabasoft Infopark, Cochin
- UST, Cochin
- Intellect Design Arena, Siruseri

Nandambakkam, Tamil Nadu, India
Chennai Trade Centre Admin Block, CHENNAI TR
CENTRE, Ramapuram, Tamil Nadu 600089, Ind
Lat 13.013642°
Long 80.189898°
25/03/23 10:09 AM GMT +05:30

Student Induction Program - 2023

A program of orientation was held for first-year students while taking into consideration the wide variety of educational experiences represented among the student body. Workshops on developing both soft skills and technical skills, as well as one's personality, are included. As part of the Student Induction Program, we are doing discussions on 'Universal Human Values' as required by the New Education Policy.

Dr.Y.Deepa, HOD Manipulate Therapy, Govt Yoga and Naturopathy, Medical College and Hospital delivered a session on "Healthy Habits to New Gen Women Professionals" to our students.

Mr. R. Franklin Raja, Director, TalenData Technologies, Chennai. delivered a session on
"Effective strategies for Managing Personality and Interview Skills" to our students.

Workshop Conducted by the Dept

To enhance students' technical and entrepreneurial skills, eminent industry experts presented sessions on Personality Development, Communication Skills, Yoga, Industrial Expectations, and Career Opportunities. The sessions were very informative, and interactive and helped the students to cope-up with their capabilities in both technical and non-technical aspects.

Laboratory Facility

The laboratory facilities in the department are constantly upgraded to cater to the growing needs of students.

- 11th Gen Intel ® Core ™ i5-11400@2.60GHz 2.59 GHz, 16 GB RAM, 1 TB HDD-40
- HP Pro 6300 MT D Desktop/Intel Core i5/3rd Generation/500 GB HDD/8 GB RAM-25
- HP COMPAQ 6200 Elite/Intel Core i5-2400/500 GB HDD/8 GB RAM-25
- HP 280G2, MT Desktop Intel Core I3/6TH GEN 12 GB RAM, 500 GB HDD-6

Presently, the laboratory supports Integrated Development Environments and software tools available on Anaconda IDE latest version, Pycharm, Google Colab. Eclipse IDE, Selenium Suite, Microsoft Visual Studio. Net.

The department subscribes to the Microsoft's MSDN Academic Initiative which provides legal copies of all Microsoft software available on workstation and server platforms. Legal copies of Microsoft software including operating systems and development tools are available for students to download under MSDN - Academic License Program.

MCA Lab have a Vodafone 300 Mbps U Broadband India Ltd with lease lines and 100 Mbps Railtel Corporation India Ltd., connectivity to enable the students for full time access to the internet.

Library

The college houses a eclectic collection of academic texts, reference books, national and international journals, magazines and newspapers. The library has a conference hall, reading rooms, photocopying facility and Internet Browsing Centre. It also provides access to research database EBSCO and 'Inflibnet' that help the students in their study and research activities. The Department has an exclusive library with more than 10,000 books, national and Inernational journals, e-journals etc.

Library Timings: 9.00 a.m. to 4.00 p.m

Hostel

The college hostel provides housing for 540 students across three separate buildings. At the time of admission, students will also be required to submit a separate application to stay in the college's dorms. The rule known as **"First-come, First-served"** pertains to how admission to the hostel works.

Placement Activities

The activities of the placement cell, aims to match the requirements of the recruiters with the aspiring students. The campus recruitment conducted yearly, has witnessed more and more blue chip companies seeking to recruit students belonging to different specializations. Some firms that recruited include SRM InfoTech, BNP Baribas, FLEXTRONICS, INFYSEC, RAMCO Systems, SEMANTAC, TVS InfoTech, Wipro, Infosys, TCS, Hewlett Packet, Virtusa, L&T InfoTech etc. The cell also organizes workshops and training programmes to develop the personality and communication skills of the students in order to equip them to face the competitive world.

Extension Activities

The extension activities such as NCC, CSS, NSS, Youth Red Cross, Rotaract, Red Ribbon Club, Entrepreneurship Cell, ENACTUC & Consumer Club, lay emphasis on the holistic development of the students and provide a platform to include social sensitivity in them.

Club

Art Club-Shades, Literary and Debating Society, Film Appreciation Club-Ethiwood, Theatre Club-Theatro, Dance Club, MUN Club, Quiz Club, Book Club, Environment Club, Wildlife and adventure Club Heritage culture consciousness and creative spirit of the students and also provide a forum for them to learn from their peers.

Department of Physical Education

The sports department plays an important role in ensuring physical fitness among the students. The department provides training in a variety of sports and games such as basket ball, volley ball, cricket, hockey, tennis, kabaddi, ball badminton, shuttle, throwball, swimming, rowing, shooting, athletics, etc. Special concessions are given to the students who excel in sports in the form of scholarships, sport kits, etc.

Medical and Counceling Facility

A campus health initiative through Apollo Shine Foundation has been set up inside the campus with well equipped health room with medical facilities. Counselor is available for consultation.

Industry Institute Interface

The MCA Department has direct association with the Industry to enable the students to gain experience and update themselves of their best practices. The Institution is a member of various Professionals bodies such as ICT Academy of Tamil Nadu, CSI – Computer Society of India and Oracle Academy.

Memorandum of Understanding (MoU)

The dept has signed MoUs with

CONTUS
Infysec
NASSCOM
Ui Path

Anvaya- A National Level Technical Symposium

'Anvaya' is a Sanskrit word which means 'A logical relationship between cause and effect'. In the cause and effect relationship, one or more things happen as a result of something else. A cause is a catalyst. A cause instigates an effect. An effect is a condition, occurrence, or result generated by one or more causes. Effects are outcomes.

On this occasion, we encourage students to inspire one another by taking part in 'Anvaya' to reach a moment where it has a lasting impact on the world. Various events are held during this symposium to help students enhance their intellects.

Parents Teacher Association (ECPTA)

The ECPTA started in 1998, provides an active forum for interaction amongst managment, faculty and parents.

Alumnae Association (ECAA)

'Ethibandan' of Ethiraj College is held every year. Alumnae from all walks of life gather in large numbers to relive the nostalgic memories of their college life.

Examination and Evaluation

Evaluation shall be done on a continuous basis. There shall be two Continuous Assessment Tests for two hours duration and one External Examination for three hours duration in each course during each semester. Continuous Assessment will be evaluated by one or more participatory tools such as assignment and seminar.

Continuous Assessment : 40 Marks
External Evaluation : 60 Marks
Total : 100 Marks

Important Information

Working Hours: 9.00 a.m. - 2.15 p.m. Additional classes will be conducted after regular working hours. (Break - 11.45 am to 12.25 pm)

75% attendance in every subject is mandatory requirement for a student to be eligible for appearing in semester examinations.

Modest dress code and courteous behavior are mandatory.

Use of mobile phones is strictly prohibited inside the college campus. Violations will be severely dealt with.

Ragging is strictly prohibited and punishable as per the prohibition of ragging act, 1996. Visit to **https://antiragging.in/**

Students who discontinue after joining the college will be given transfer certificate issued by the college only and their school transfer certificate will not be returned. Transfer certificate will be issued only a week after applying, on the return of ID card if already issued by the college.

Important Dates

Sale of Online Application   : 28.05.2024

Last date for Submission of Online :   09.06.2024 , 11.59 PM
Application Form

https://ethirajcollege.edu.in/admissions/

FEE STRUCTURE FOR THE YEAR 2024-2025 (Management)

SEMESTER	FEE
Semester I	₹64152/-
Semester II	₹63200/-
Semester III	₹63345/-
Semester IV	₹63200/-

FEE STRUCTURE FOR THE YEAR 2024-2025 (Counselling)

SEMESTER	FEE
Semester I	₹54152/-
Semester II	₹53200/-
Semester III	₹53345/-
Semester IV	₹53200/-