SOURASHTRA COLLEGE
(AUTONOMOUS)
(A Linguistic Minority Co-educational Institution)
Affiliated to Madurai Kamaraj University and Reaccredited with **B**+ Grade by NAAC
Vilachery Main Road, Pasumalai, Madurai-625004.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ABOUT US

The Department of MCA was established in August 1998 with the approval of AICTE and affiliation with Madurai Kamaraj University. We employ a blend of time-tested and innovative methods to transform our students into highly competent software professionals. Currently, Sourashtra College stands at the forefront, offering computer-related courses to cater to the educational needs of students, especially those from rural and underprivileged backgrounds. We are on a path towards creating history in the realm of Information Technology.

Studying MCA at Sourashtra College is a uniquely rewarding experience. Our dedicated staff members have a clear objective: to provide individualized instruction, equipping learners with essential skills. We place strong emphasis on preparing students for job requirements, covering both theoretical and practical aspects of the academic program, along with on-the-job training. The warm Student-Teacher relationship enriches the learning atmosphere on our campus.

MCA has proven to be an outstanding course for securing lucrative employment opportunities in esteemed organizations. It has become the most sought-after job-oriented program across all colleges, attracting numerous students aspiring to hold prestigious technical positions in India and abroad. Globalization has further intensified the demand for this course, and many parents believe that their children must pursue the prestigious MCA program.

VISION

Our vision is to excel in providing high-quality education and nurturing competitive software professionals with strong moral values. We are committed to contributing to the development of a vibrant nation, with a special focus on empowering minority communities.

MISSION

Our mission is to pioneer a dynamic learning environment that harnesses innovative pedagogical methods across various computer science domains, emphasizing real-world applications.

We aim to bridge the gap between academia and industry by crafting curricula aligned with industry and societal demands.

We are committed to providing state-of-the-art physical and digital resources that foster the comprehensive development of our faculty and students.

Our ambition is to empower our students with the skills needed to excel in their professions, adapting to the ever-evolving demands of society.

We aspire to instill an entrepreneurial spirit and a lifelong learning mindset in our students.

ELIGIBILITY

Candidates who have completed BCA, B.Sc (CS), IT, Mathematics, or any degree with a minimum duration of 3 years, including Mathematics at the +2 level or at the graduate level, are eligible for admission to the MCA course.

A minimum of 50% marks in the qualifying examination is required (with additional bridge courses as per university norms), including 10 + 2 + 3 or 4-years Bachelor's pattern or 10 + 3 years Diploma + 3 years Bachelor's degree pattern.

DURATION OF THE COURSE

The MCA program spans two academic years, comprising four semesters, with two semesters in each academic year.

SCENIC BEAUTY CAMPUS

The College, nestled in the heart of Madurai on Vilachery Main Road, boasts an idyllic setting that is both picturesque and conducive to academic excellence. Spanning an impressive 28.17 acres of lush greenery, it is strategically positioned at the base of the majestic Pasumalai Hills, in close proximity to the renowned Tiruparankundram. This harmonious blend of nature and education creates an unparalleled environment for the pursuit of higher learning.

COURSE CONTENT

BRIDGE COURSE

Bridge courses are offered to students who enter the MCA program from non-computer science backgrounds

FOUNDATION COURSES

Mathematical Foundation for Computer Application	Problem Solving through C and C++

PROFESSIONAL CORES - THEORY

Digital Principles and Computer Organization	Data Communication and Network
Data Structures	Research Methodology and IPR
Relational Database Management System	Software Engineering
Java Programming	Big Data Analytics
Algorithm Analysis	Web Programming
Operating System	Internet of Things

PROFESSIONAL CORES - PRACTICAL

Data Structure Using C & C++ - Lab	Linux Shell Programming - Lab
RDBMS - Lab	Data Analytics using R - Lab
Java Programming - Lab	Web Programming - Lab
Algorithm Analysis Using C++ Lab	Python Programming - Lab

PROFESSIONAL ELECTIVES

Cloud Computing	Human Resource Management
Soft Computing	Graph Theory
Accounting and Financial Management	Statics for Data Science
Optimization Techniques	Machine Learning
Cyber Security	Digital Image Processing
Artificial Intelligence	Digital Marketing

SELF-PACED LEARNING

NPTEL/SWAYAM

EMPLOYABILITY ENHANCEMENT COURSES

Professional Communication – Lab	Mini Project
Career Development Courses	Major Project

SALIENT FEATURES

diGiBee: An association that collaborates with staff and students to enhance practical knowledge through guest lectures, seminars, conferences, industrial visits, and intra-departmental and inter-college events.

Digitized Teaching Aids	Internship & Project Training
Outcome-Based Learning	Interdisciplinary Programs
Career Guidance	Industrial Visit
Air-Conditioned Class rooms	Well-equipped Smart Lab
Well-stocked Department Library	Recreational Facilities
Cultural Competence	National/ Social Fiesta

A TRUE HOME AWAY FROM HOME

Our hostel offers spacious and well-furnished rooms designed to provide you with the utmost comfort, creating a homely atmosphere. Separate hostel facilities are available for both boys and girls.

TRANSPORT FACILITY

We ensure to provide a safe, comfortable and efficient transport service to girls.

JOB ROLES TO CHOOSE AFTER MCA

Graduates from our program can pursue various roles, including:

Software Developer	Web Developer/Designer
System Analyst	Mobile App Developer
System Administrator	Hardware Engineer
IT Support	Network Administrator
Data Scientist	Opportunities in Defense Projects
And many more in government and private software or IT companies	

The campus is a breathtaking panorama of rolling hills, sprawling lawns, and verdant gardens that come alive with vibrant colors during every season. Tall, swaying trees provide shade and serenity, making it a haven for students seeking respite from the hustle and bustle of city life. The backdrop of the Pasumalai Hills adds to the college's aesthetic charm, offering students a constant source of inspiration and tranquility. The College, situated in the lap of nature near Tiruparankundram, offers not only a world-class education but also an exceptional living and learning experience. With its stunning natural surroundings, top-notch facilities, and a diverse student body, it provides an ideal environment for students to excel academically and grow personally.

The college campus is not just a place of study; it's a thriving hub of extracurricular activities as well. A spacious sports complex caters to the athletic aspirations of students, while the serene surroundings provide an ideal backdrop for yoga and meditation enthusiasts. Students from various backgrounds and cultures come together to foster a rich tapestry of ideas and perspectives. This cultural diversity enriches the college experience, encouraging cross-cultural understanding and lifelong friendships.

"A temple of Higher Learning"