



# SASTRA

ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION

DEEMED TO BE UNIVERSITY  
(U/S 3 OF THE UGC ACT, 1956)

THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

# Masters in **Computer Application**

Mode: Online  
Duration: 2 Years



# About The Programme

The Master of Computer Application (MCA) is a specialized online MCA programme designed to provide students with in-depth knowledge and skills in various aspects of computer science and applications. It is ideal for those looking for the best online MCA university or seeking an online MCA course in Chennai.

This MCA online degree programme combines theoretical foundations with practical training, equipping students to excel in software development, database management, networking, and systems analysis. Through a comprehensive online MCA curriculum, students gain expertise in programming languages, algorithms, data structures, and software engineering principles.

Students also learn about emerging technologies such as artificial intelligence, cloud computing, NLP, image processing, and more. With a strong emphasis on hands-on projects, the MCA online programme prepares graduates for rewarding careers in IT and software industries.



# Programme Highlights

- **Recognized MCA from a Top-Ranked University**

Earn a credible and recognized MCA online degree from one of the best online MCA universities in India. SASTRA is ranked #47 among universities as per NIRF Rankings 2024.

- **Exposure to Emerging Technologies**

The online MCA course offers a range of electives in cutting-edge fields like AI, Data Science, and Cybersecurity, making it a great choice for those seeking an MCA online programme with real-world applications.

- **Immersive Learning through Project Work**

Students will work on real-time problem statements at their workplace and apply their knowledge to practical MCA online degree projects.

- **All-Round Personality Development**

In addition to technical skills, students gain expertise in professional communication, leadership, and problem-solving.

- **Job Fair & Placement Support**

Students enrolled in the MCA online admission programme can participate in SASTRA's job fairs and placement events.





## Learning Outcome

The best online MCA programme will equip students with the necessary theoretical knowledge and practical skills in the world of computing that will enable them to understand the design of complex computer applications.

On the successful completion of this programme, the student will be expected to possess the following:

- Strong foundation of computer applications and information technology.
- Skills to develop and work with real-time applications.
- Communication skills, managerial ability to analyze, design, develop, deploy and maintain software projects.

## Eligibility

Graduate/bachelor's degree (10+2+3 or 10+2+4) or equivalent in any discipline from a recognized university.



# MCA – Scheme of study

## Semester 1 (21 credits)

Course Code	Course Name	Credit
CAP401R01	Data Structures	3
MAT427	Numerical	3
CAP401R01	Computer Organization	3
CAP408	Operating Systems	3
ENG213	Professional Communication (Semi Theory & Practice)	3
CAP405	Data Structures and Algorithms Laboratory	2
CAP440	Numerical and Statistical Methods Laboratory	2
CAP412	Operating Systems Laboratory	2
TNP101	Soft Skills –1	0
Total		21

## Semester 2 (21 credits)

Course Code	Course Name	Credit
CAP410	Database Management Systems	3
CAP524	Software Design and Testing	3
CAP441	Object Oriented Analysis and Design	3
MAT444	Mathematical Foundation for Computer Science	3
CAPXXX	Elective I	3
CAP502R01	Advanced Java Programming (Semi Theory & Practical)	2
CAP411	Database Management Systems Laboratory	2
CAP525	Software Design and Testing Laboratory	2
TNP102	Soft Skills –2	0
Total		21

# MCA – Scheme of study

## Semester 3 (21 credits)

Course Code	Course Name	Credit
CAP527	Data Structures	3
CAP442	Numerical	3
CAP512R01	Computer Organization	3
CAPXXX	Operating Systems	3
CAPXXX	Professional Communication (Semi Theory & Practice)	3
CAP528	Data Structures and Algorithms Laboratory	2
CAP510	Numerical and Statistical Methods Laboratory	2
CAP523R01	Operating Systems Laboratory	2
Total		21

## Semester 4 (17 credits)

Course Code	Course Name	Credit
CAP533	Database Management Systems	3
CAP534	Software Design and Testing	3
CAPXXX	Object Oriented Analysis and Design	3
CAP535	Mathematical Foundation for Computer Science	3
CAP601	Elective I	5
Total		17

## Credits Distribution

Semester	1	2	3	4	Total
Courses	9	9	8	5	31
Credits	21	21	21	17	80

# Online Learning Methodology



## E-Tutorial

- A pre-recorded video of an expert delivering a lesson or presentation on a particular topic.
- Videos will be uploaded on a weekly basis for 12 weeks.
- Videos will be available till semester completes.
- Any time access across devices.

## E-Content

- Asynchronous Mentoring.
- E-books, Lecture Notes, PPT and Open-Source Materials.
- The contents will be a mix of all the above available for the students to use comprehensively.
- All materials will be made available from day 1 for the entire semester students can download.
- It can be accessed any time across devices.



## Webinar

- Synchronous Teaching & Learning.
- Students must go through / study the previous three weeks content before sitting for webinars.
- 2 hour duration of each webinar – Every alternate week of the Programme. (2, 4, 6, 8,10,12th weeks).
- This session will be doubt clearing sessions only of previous weeks content.

## Assessment

- Each Assessments will be MCQs / Descriptive patterns.
- Totally 6 Assessments starting from 3rd week of the Programme (3,5,7,9,11,13 weeks).
- All courses will have 6 Assessments out of which best of 5 will be taken into consideration and it is compulsory.





## Salient Features

- The strong brand image of SASTRA in the corporate sector.
- Semester-pattern
- Interactive learning content and Self Learning Materials (SLM)
- Personal Contact classes
- Highly qualified and experienced faculty
- Affordable fee structure with loan facility at attractive rates
- Internal Assessment – 30 marks + End semester Exam - 70 marks

## Programme Fees

For Students in India	Semester Fee	Yearly Fee	Total Programme Fee (Lumpsum for 2 years)
Programme Fee	INR 50,000	INR 1,00,000	INR 2,00,000
Limited Time Discounted Fee	INR 50,000	INR 85,000	INR 1,40,000

The above fee is applicable for the 2025 batch admissions

Limited time only! Connect with our admission experts today to secure your Early Bird Discount!

### Fee Includes

- ✓ Interactive learning content and Self Learning Materials (SLM)
- ✓ Live interactive sessions with SASTRA faculty and contact classes as specified
- ✓ Semester exam fees for all 4 semesters
- ✓ Convocation Fee

### Fee Does Not Include

- ✗ Re-exam fees for any subsequent attempts
- ✗ Any other administrative charges that are not covered above





# Payment Options

## Option 1

Make a down payment of Rs.15000 and avail loan/financial assistance for the balance fee.

## Option 2

Pay Semester fee on or before the specified last date.

## Option 3

Pay the annual fee upfront on or before the specified last date.

## Option 4

Pay the full programme fee on or before the specified last date.

## Get an MCA Degree from Sastra

Throughout the course, participants will undergo periodic evaluations, including quizzes, class assignments, projects, case analyses, or other objective/subjective assessments as determined by the instructor during class hours.

Timely and successful completion of these evaluation components is essential. Participants are expected to demonstrate active engagement and meet all requirements within the given timelines.

SASTRA University will award a Course Completion Certificate to those who:

- Successfully complete all assessment components.
- Meet the specified attendance criteria.

The primary objective of the assignments and projects is to enable participants to apply the conceptual insights gained during the programme to real-world organizational decision-making scenarios.



# Job Opportunities

- Software Developer
- System Analyst
- Data Scientist
- Cybersecurity Analyst
- Cloud Architect
- Database Administrator
- Web Developer
- AI/ML Engineer
- IT Consultant
- Network Administrator
- Game Developer
- UI/UX Designer
- Technical Writer

## Our Alumni Work at:

**Honeywell**

 **HDFC BANK**  
We understand your world

 **TATA**  
CONSULTANCY  
SERVICES

  
marico

 **Mphasis**  
The Next Applied



**Deloitte.**

**PHILIPS**



# Hear from our Alumni

## ● S. Ram Prasanna

- Overall, the course was good, and the lecturers and guides were very helpful. I hope to utilize the learning gained from this programme fully.

## ● Rajendran P

- It was a great learning experience. Thank you for providing this opportunity, and special thanks to all the professors and coordinators.

## ● Ibrahim Garba

- I, Ibrahim Garba from Nigeria, really enjoyed how SASTRA UNIVERSITY manages academic activities. The lecturers and administrative staff do their best to support students, especially when issues arise.

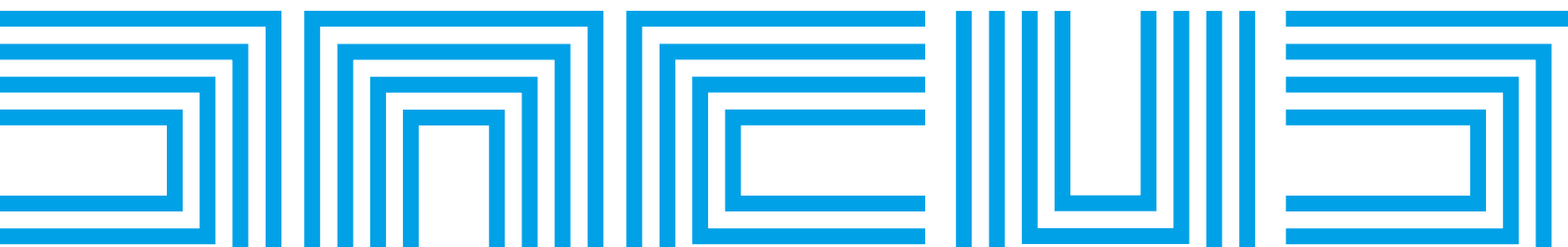
I will wholeheartedly recommend SASTRA UNIVERSITY to my friends and relatives for quality education. I am grateful to the Government of India and, once again, to SASTRA UNIVERSITY for their tireless efforts.

## ● Sowmiya T

- The online lectures are better compared to other institutions. They continuously update their software, ensuring an improved learning experience.

## ● Hareesh A

- This programme is excellent for working professionals who cannot spare time for a postgraduate degree.





# About Sastra University

With a humble beginning in the year 1984, SASTRA's progress in the last 36 years is a testimony to its commitment to building a University as envisaged in its guiding model. Today, SASTRA is one of India's premier institutions offering undergraduate, postgraduate & doctoral programmes in Engineering, Management, Law, Sciences, Humanities and Education. It was conferred Deemed-to-be-University status in 2001 by the University Grants Commission under Section 3 of the UGC Act 1956. SASTRA also has an MHRD-notified off-campus named Srinivasa Ramanujan Centre (SRC) at Kumbakonam.

As a comprehensive University, its teaching programmes are complemented by research engagements, consultancy assignments, training and extension activities. This has been re-accredited by NAAC (fourth cycle) With a maximum grade of 'A++' (3.76/4.00) and is a Category I Institution based on the UGC's categorization of Universities for Graded Autonomy Regulations, 2018. Twelve engineering programmes of SASTRA have been internationally accredited for a period of 9 years by the Institution of Engineering & Technology (IET), UK recognizing SASTRA's academic excellence, In the NIRF ranking, SASTRA has always been placed among the top 40 Universities with a current position of #47 in 2024. It is also recognized as a Scientific & Industrial Research Organization by the Government of India.







# SASTRA

ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION

DEEMED TO BE UNIVERSITY

(U/S 3 OF THE UGC ACT, 1956)

THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

## Admission Partner

**Veranda**  
higherEd

☎ 981 024 1746

🌐 [www.verandahighered.com](http://www.verandahighered.com)

✉ [admissions@verandahighered.com](mailto:admissions@verandahighered.com)

