

# MCA

## OPEN DISTANCE LEARNING PROGRAMME

LEARN WHILE  
YOU EARN



# ABOUT BSACIST

## B.S.ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

- Since 1984, B.S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Quality Leadership Institution located at the greenest spot of Chennai near Tambaram.
- Through our long history of 39 years of excellence, the Institution has offered access to a wide range of academic opportunities.

With 56 programmes, grouped under 12 different Schools

- 31 Undergraduate programmes
- 25 Postgraduate programmes
- Ph.D. (in all the departments)
- This institution is a rising stalwart in higher education with promising Quality, Security and Placement.
- Our educational programmes are designed to equip the learners with knowledge that helps them to achieve what they want to be and go where they want to go in the ladder of success.



# ABOUT CDOE

## CENTER FOR DISTANCE AND ONLINE EDUCATION

» B.S. Abdur Rahman Crescent Institute of Science and Technology established a Center for Distance and Online Education (CDOE) in the year 2021.

- This Center offers MBA & MCA PG programmes.
- The CDOE comprises
  - Well Equipped Studio and Classroom infrastructure
  - Advanced data center
  - Efficient Learning Management System
  - Expert In-house faculties

## MESSAGE FROM THE DIRECTOR



**Dr. A. Jaya**  
Director

» With an academic and administrative experience of more than three decades I am always passionate about the importance of quality education. As the Director of CDOE I am committed to ensure that all the students enrolled for the degree and certification programmes have a wide learning experience and opportunity that would give them a chance to grow their knowledge and skills. Distance learning is an opportunity for learners who cannot take traditional classes. It helps students to continue their personal development – as fresh graduates and as experienced employee to improve their qualification.

# Open Distance MCA Programme offered by CDOE

- 01** The degree awarded is equivalent to the regular degree Programme.
- 02** Excellent teaching-learning environment.
- 03** Highly qualified regular faculties with rich experience in industry and academics.
- 04** The curriculum and syllabus are at par with international standards.
- 05** The programme is approved by the AICTE and UGC.
- 06** Option to enroll in Academic Year (AY) and Calendar Year (CY).
- 07** In-house developed Self-learning materials.
- 08** Regular Interaction with faculty members.
- 09** Effective monitoring system.

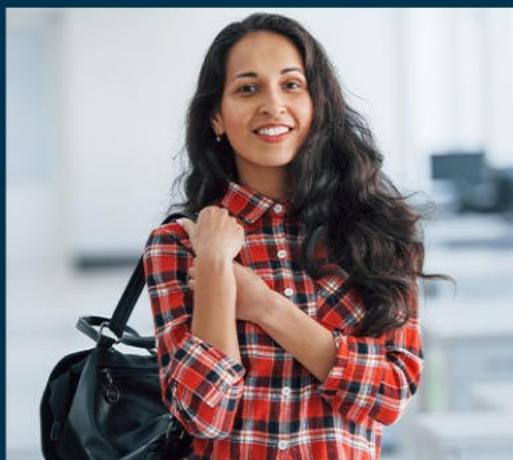


# Eligibility

## MCA

### Indian

- Candidates should earn a bachelor's degree in any pertinent field, including B.Tech., B.C.A., B.Sc., or any other field with mathematics subjects.
- A Bachelor's degree with minimum aggregate of 50%.
- Read, Write and Understand English



# Admission

## Process



**01**

### Application submission + Upload of

- T.C., Qualified Degree Certificates along with Grade sheets and 10, 12 Marksheets.
- Passport size photograph
- Aadhaar card for Indian nationals
- Passport (for foreign students)

**02**

### Selection process

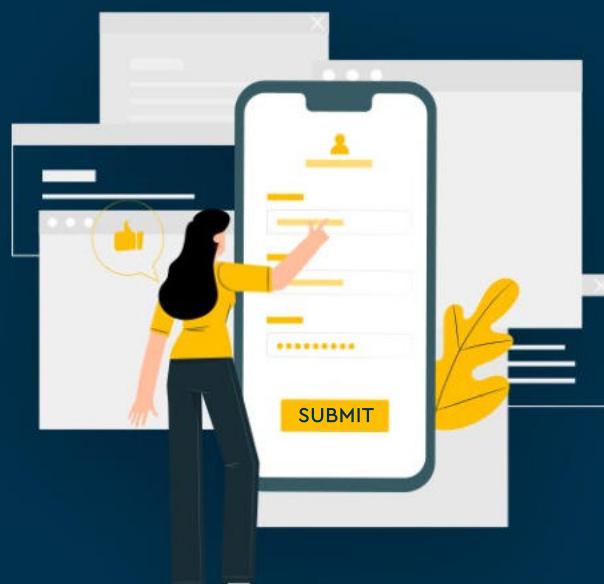
- Minimum eligibility confirmation in the qualifying examination
- Online entrance

**03**

### Selection intimation and fee payment

**04**

### Formal enrollment of the program



# Specialization

					
Data Science using Python and R	Internet of Things	Full stack development	Cloud Technology	Blockchain Technology	Artificial Intelligence and Machine Learning

## Teaching Methodology



## ACADEMIC PROGRAMME

### 1<sup>st</sup> YEAR

#### SEMESTER - I

- Mathematical Foundation for Computer Applications
- Computer Organization and Operating system
- Database Management Systems
- Computer Networks
- Data structures and Algorithms using C/C++
- Object Oriented Software Engineering
- Data structures and Algorithms Laboratory using C/C++
- Programming in C and C++ Laboratory
- DBMS Laboratory

#### SEMESTER - II

- Programming in Java
- Resource Management Techniques
- Cloud Computing
- Introduction to Data Science
- Elective I
- Communication Skills Laboratory
- Advanced Technology Laboratory (Cloud/ Mobile/Data Science)
- Programming in JAVA Laboratory
- Mobile Application Development

**SEMESTER - III**

- Python Programming
- Block Chain Technologies
- Big Data Analytics
- Machine Learning Techniques
- Advanced Web Development and Services
- Elective – II
- Customer Relationship Management
- Python Programming Laboratory
- Mini Project

**SEMESTER - IV**

- Project

## Hiring Partners

**amazon**

**Capgemini**

**IBM**

**cognizant**

**ZOHO**

**L&T Infotech**

**wipro**

**Mindtree**

**WABCO**

**SONY**

**HCL**

**virtusa**

**Hewlett Packard  
Enterprise**

**Berger**  
Paint your imagination

**CSS  
CORP**

**Kaar**  
In Pursuit of Excellence



# Fee Structure

**Application Fee**

**₹ 1,000**

**Tuition Fee per  
Semester**

**₹ 20,000**

## Contact details

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