

Assam Don Bosco University



ASSAM DON BOSCO UNIVERSITY



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ABOUT ASSAM DON BOSCO UNIVERSITY

Founded in 2008 by the Salesian Society, Don Bosco University is dedicated to offering holistic and personalized education.

The University offers comprehensive undergraduate, postgraduate, and professional programs designed to cater to the needs of working professionals, lifelong learners, and aspiring leaders.

At Assam DBU, our mission is to provide accessible, high-quality education that prepares students for leadership roles in various sectors and contributes to social transformation. We aim to equip students with the skills and knowledge they need to thrive in an increasingly interconnected world. Programs offered at DBU combine a strong academic foundation with practical insights, ensuring that students gain the relevant skills to meet industry demands.



Our Values

Excellence

We strive to uphold the highest standards in academic quality and educational delivery.

Innovation

We leverage cutting-edge technology to provide an engaging and effective learning experience.

Integrity

We maintain transparency, ethics, and fairness in all our processes.

Empowerment

We focus on empowering students to take control of their careers and contribute positively to society.



Message from the Vice Chancellor

Belonging to the worldwide family of the Salesians of Don Bosco, we have set very high goals for ourselves. We are a young university – but we nurse big dreams, and strive to achieve them. If you are looking for a place to study, and dream of receiving quality education, DBU is the place for you. As the Vice Chancellor of this University, I invite you to go through the programmes we currently offer. Whether you are looking to complete a degree, certificate or diploma program, or simply want to give in at last to that urge for higher education for the first time, we will be happy to assist you. The committed men and women who form our faculty are at your service.

We are set on a course to be ‘the institution of choice’ for open, distance and online education. We intend to get there by providing exceptional service to our learners.

We will be happy to serve you and your learning needs as you forge ahead in your career.

Fr (Dr) Jose Palely



Master of Computer Application (Online MCA)

Master of Computer Application (MCA) offered in the online mode at Assam Don Bosco University (ADBU) is a two-year degree program.

The program aligns with fast-growing IT sectors' demands in software development and design, programming, database management, data analytics, IT management, AI, cloud computing, and cybersecurity. It emphasizes on the inclusion of industry-based projects and assignments to provide hands-on experience and problem-solving skills. It is designed for aspiring IT and software professionals allowing them to choose the electives according to their interests.

The course can be pursued online anywhere in the world helping the career enthusiasts manage studies while working alongside. The MCA from ADBU (online mode) features the regulatory accreditation, making it recognized worldwide.

Duration: 2 Years

Category: Computer Applications

Benefits of an Online MCA

Pursuing an MCA, in the online mode, provides access to career opportunities while offering the flexibility to manage existing commitments.

Flexibility and Convenience:

- Study from anywhere, at any time.
- Balance work, family, and education without compromising any.
- No need for relocation, making it convenient for working professionals.
- Interactive syllabus-based virtual e-content for efficient learning.

Career Advancement

- Equips learners with essential technical, software development, and IT management skills.
- Opens up career growth opportunities in the IT sector.
- Intends building programming and system architecture expertise.

Personal Growth

- Enhances analytical thinking and problem-solving capabilities.
- Boosts confidence and independent decision-making skills in technical and IT landscapes.
- Improves technical communication, teamwork, and project management skills.



Cost Effectiveness

- Lower tuition fees compared to traditional on-campus MCA programs.
- No relocation saves student-life living expenses
- Flexible payment plans
- Accredited and recognized programs provide quality education.

Certification

Successful completion of the program shall award the degree titled - Master of Computer Application.

The MCA degree at Assam Don Bosco University, offered in online mode, is universally accepted and validated for further education and job prospects.

Eligibility

Admission to MCA in online mode is open to all the candidates having a Bachelor's Degree as BCA,BIT,BE/B.Tech/AMIE/B.Sc(C.Sc)/B.Sc (IT) from a recognized University or Bachelors Degree in any discipline



Self-Assessment:

- Self-Evaluation Tests

Discussion Forum:

- Online Community Forum for Students

State-of the Art LMS:

Student-Learning Portal for:

- Course Learning
- Course Evaluation

Student Support:

- Student Enrollment Counselors
- Student Chat Support
- Student Advisors Throughout the Course

Course-Relevant E-Content:

- E-SLMs (PDFs)
- PPTs
- Lecture Videos
- Web Resource Links



Program Overview & Structure

Semester 01

Theory

- Mathematical Foundation for Computer Science
- Theory of Computation
- Operating Systems
- Data Structures and Algorithms
- Programming Through Java

Lab

- Operating Systems Lab
- Data Structures and Algorithms Lab
- Programming Through Java Lab

Semester 02

Theory

- Software Engineering
- Data Communication and Computer Networks
- Advanced Database Management Systems
- Internet Technology and Applications
- Sensor Networks and Internet of Things



Lab

- Data Communication and Computer Networks Lab
- Internet Technology and Applications Lab
- Advanced Database Management Systems Lab

Mandatory

- Service Learning/Community Engagement

Semester 03

Theory

- Cyber Law and IT Security
- Machine Learning
- Enterprise Resource Planning
- Research Methodology and IPR

ELECTIVE-I

- Specialization I: Artificial Intelligence

OR

- Specialization II: Data Science

ELECTIVE-II

- Specialization I: Artificial Intelligence

OR

- Specialization II: Data Science

Lab

- Machine Learning Lab



Semester 04

Major Project

ELECTIVE-III

- Specialization III: Artificial Intelligence
- OR
- Specialization III: Data Science



APPROVALS, ACCREDITATIONS, MEMBERSHIPS



INTERNATIONAL COLLABORATION





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