



Dr. Bhimrao Ambedkar University

NAAC A+, UGC-Entitled, NIRF

BCA

Type

Ug Program

Mode

Online

Duration

3 Years

Total fees

₹ 63,500

Dr. Bhimrao Ambedkar University

Dr. Bhimrao Ambedkar University's Centre for Distance & Online Education (DBRAU CDOE) provides flexible and accessible higher education through online learning. It carries forward the academic legacy of Dr. Bhimrao Ambedkar University, Agra, established in 1927. The Centre supports students, working professionals, and learners who are unable to attend regular classroom programs. DBRAU is UGC recognized and NAAC 'A+' accredited, reflecting its commitment to academic excellence. CDOE aims to make higher education affordable, inclusive, and accessible to learners across India while promoting skill development, innovation, and academic growth.

BCA

Highlights

- ◆ Provides exposure to C, Java and Python programming through theory and practical coursework.
- ◆ Introduces artificial intelligence, machine learning, data science, cloud computing and cybersecurity.
- ◆ Includes programming labs, a mini project, internship and a major project.
- ◆ Covers programming, databases, data structures, operating systems, computer networks and software engineering.
- ◆ Enables students to pursue the BCA programme through a flexible online learning format.

Learning outcomes

- ◆ Develop the ability to understand and apply programming concepts using languages such as C, Java and Python.
- ◆ Build knowledge of database systems, data organisation and database management concepts.
- ◆ Gain exposure to HTML, CSS, XML, PHP, MySQL and related web technologies for developing web-based applications.
- ◆ Strengthen logical reasoning through data structures, algorithms, numerical methods and optimisation techniques.
- ◆ Develop foundational understanding of artificial intelligence, machine learning, data science, cloud computing, computer networks and cybersecurity.

Eligibility Criteria

Candidates must have passed 10+2 Grade passing from a recognized board (CBSE/ICSE/States). A minimum of 45% Aggregate (40% for reserved categories).

Curriculum Overview

Semester I (7 subjects)

- ◆ Introduction To Programming Using 'C'
- ◆ Data Base Management System
- ◆ Elementary Mathematics
- ◆ Business Communication
- ◆ Computer Fundamentals And Ms-Office
- ◆ Lab
- ◆ Indian Knowledge System

Semester II (6 subjects)

- ◆ Java Programming
- ◆ Data Structure Using 'C'
- ◆ Mathematics-I
- ◆ Human Values And Environment Studies
- ◆ Cyber Security
- ◆ Java Programming (Practical)

Semester III (6 subjects)

- ◆ Python Programming
- ◆ Digital Electronics
- ◆ Numerical Methods
- ◆ Principles Of Management
- ◆ AI For Everyone
- ◆ Python Programming (Practical)



Curriculum Overview (continued)

Semester IV (6 subjects)

- ♦ Web Technology With HTML-CSS-XML - PHP & MySQL
- ♦ Operating System
- ♦ Optimization Techniques
- ♦ Data Science
- ♦ Mini Project
- ♦ Web Technology With PHP & MySQL (Practical)

Semester V (5 subjects)

- ♦ Visual Basic.NET
- ♦ Computer Organization And Architecture
- ♦ Computer Network And Security
- ♦ Cloud Computing
- ♦ Internship

Semester VI (5 subjects)

- ♦ Design & Analysis Of Algorithms
- ♦ Software Engineering
- ♦ Computer Graphics
- ♦ Artificial Intelligence & Machine Learning
- ♦ Major Project

Fee Structure

Fee heads	Year 1	Year 2	Year 3	Total
Registration Fee	₹ 500	—	—	₹ 500
Exam Fee	₹ 3,000	₹ 3,000	₹ 3,000	₹ 9,000
Program Fee	₹ 18,000	₹ 18,000	₹ 18,000	₹ 54,000
Total	₹ 21,500	₹ 21,000	₹ 21,000	₹ 63,500