



Bundelkhand University

NAAC A++, UGC-Entitled

M.Sc Computer Science

Type

Pg Program

Mode

Distance

Duration

2 Years

Total fees

₹ 51,000

Bundelkhand University

Bundelkhand University is a State Government University located in Jhansi, Uttar Pradesh, established in 1975 to expand access to higher education across the Bundelkhand region. It offers programmes across disciplines including management, commerce, science, engineering, pharmacy, law, agriculture, education, humanities and other professional fields. It is recognised by the UGC and is included by NIRF in the State Public University category. Bundelkhand University has also established a Centre for Distance and Online Education (CDOE) to extend flexible higher education beyond the physical campus. The CDOE currently offers eight ODL programmes and positions the university's distance-learning initiative around accessible, affordable and flexible education.

M.Sc Computer Science

Highlights

- ◆ Introduces students to artificial intelligence as part of the postgraduate curriculum.

- ◆ The final semester includes a computer-based major project, project presentation and viva-voce.

- ◆ Covers software engineering, algorithms, operating systems, databases, networking and computer architecture.

- ◆ Includes practical components in data structures and visual programming.

- ◆ Allows learners to pursue postgraduate computer science education through Open Distance Learning.

Learning outcomes

- ◆ Exposure to artificial intelligence, algorithms and computing concepts can provide a foundation for entry-level pathways in AI and related technology domains.
- ◆ Knowledge of systems analysis, architecture and software design can support pathways in systems and technology analysis.
- ◆ Database management skills can be relevant to roles involving database administration and data systems.
- ◆ Ability to design, develop, test, and debug programs using modern programming languages and tools.
- ◆ Understanding of professional responsibilities, data privacy, cybersecurity, intellectual property, and ethical issues in computing.

Eligibility Criteria

Passed B.Sc. Maths/Stats./BCA/B.Sc. (IT)/B.Sc. (CS) from a recognized University.

Curriculum Overview

Semester I (5 subjects)

- ◆ MSC-1001ODL: Information Technology
- ◆ MSC-1002ODL: Object Oriented Analysis & Design
- ◆ MSC-1003ODL: Operating System
- ◆ MSC-1004ODL: Computer System Architecture
- ◆ MSC-1005ODL: System Analysis & Design

Semester II (6 subjects)

- ◆ M.SC. -2001 ODL: Artificial Intelligences
- ◆ M.SC. -2002 ODL: Data Structure And Algorithms Using C++
- ◆ M.SC. -2003 ODL: Software Engineering
- ◆ M.SC. -2004 ODL: Computer Oriented Numerical Analysis
- ◆ M.SC. -2005 ODL: Database Management Systems
- ◆ M.SC. -2006 ODL: Practical (Data Structure)



Curriculum Overview (continued)

Semester III (6 subjects)

- ◆ M.SC. -3001 ODL: Digital Communication And Computer Networks
 - ◆ M.SC. -3002 ODL: Web Technology
 - ◆ M.SC. -3003 ODL: Digital Image Processing
 - ◆ M.SC. -3004 ODL: Compiler Design
 - ◆ M.SC. -3005 ODL: Visual Programming
 - ◆ M.SC. -3006 ODL: Practical (Based On VP)
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Semester IV (3 subjects)

- ◆ M.SC. -4001 ODL: Major Project Based On Computer
- ◆ M.SC. -4002 ODL: Presentation/Seminar Of Project
- ◆ M.SC. -4003 ODL: Viva-Voce Of Project

Fee Structure

Fee heads	Year 1	Year 2	Total
Registration Fee	₹ 1,000	—	₹ 1,000
Exam Fee	₹ 2,000	₹ 2,000	₹ 4,000
Program Fee	₹ 23,000	₹ 23,000	₹ 46,000
Total	₹ 26,000	₹ 25,000	₹ 51,000