JAIN (Deemed-to-be University)

NAAC A++, UGC-Entitled, NIRF #62

BCA

Type Ug Program	Mode Distance
Duration 3 Years	Total fees ₹ 51,500

UNIVERSITY

JAIN (Deemed-to-be University)

JAIN (Deemed-to-be University), based in Bengaluru, is a leading institution committed to academic excellence, innovation and holistic development. The University offers diverse programs across engineering, management, commerce, sciences, humanities, design and other disciplines. With a strong emphasis on research, entrepreneurship, sports and industry-focused education, it prepares students for evolving global opportunities. Its vibrant campuses bring together learners and faculty from diverse cultural and academic backgrounds. Through classroom, online and open-distance learning, JAIN provides accessible and future-ready education that empowers students to make a meaningful impact.

PROGRAM

BCA

Highlights

- Structured digital modules paired with practical company-linked touchpoints for applied learning.
- The course brings attention to programming fundamentals, database management, web technologies, and software applications, helping learners understand how computer applications, programming, and IT systems works beyond theory.
- Workplace-linked exposure supports communication, accountability, and confidence in professional environments.
- Assignments and guided learning help connect subject knowledge with software requirements, data workflows, and user-facing digital systems.
- Creates a stronger foundation for domain-relevant opportunities in Software Developer, System Analyst, and Website Developer and related software support, application development, IT operations, and systems-related roles, without promising outcomes, with added focus on decision practice.

Learning outcomes

- Within BCA from JAIN (Deemed-to-be University), understand how programming fundamentals, database management, web technologies, and software applications shape practice within computer applications, programming, and IT systems.
- Apply concepts to interpret software requirements, data workflows, and user-facing digital systems and respond to practical questions.
- Review technology choices that consider usability, performance, and maintainability using evidence, context, and logic, accuracy, security awareness, and user focus.
- Build programs, database designs, web pages, and technical documentation that support effective communication and problem-solving.
- Connect digital learning with internship or company-linked exposure to understand workplace expectations in computer applications, programming, and IT systems, while strengthening decision practice.

Eligibility Criteria

The eligibility for the program is 12th board exam or equivalent as specified in the university notification and the candidate must have studied any one of the following courses i.e. Mathematics, Computer Science or Statistics in secondary school education.

Curriculum Overview

Semester I (9 subjects)

- Fundamentals of Mathematics
- Computer Fundamentals and Organization
- Programming in C
- Introduction to Linux
- Programming in C Lab
- Introduction to Linux Lab
- Mind Management & Human Values - I
- General English I
- Kannada / Hindi / Sanskrit / Additional English

Curriculum Overview (continued)

Semester II (9 subjects)

- Operating System
- Oops with C++
- Data Structures using C
- Oops with C++ Lab
- Data Structures Lab
- Mind Management & Human Values - II
- Project I
- General English II
- Kannada / Hindi / Sanskrit / Additional English

Semester III (8 subjects)

- Fundamentals of Information Security
- RDBMS
- Computer Networks
- Programming in Java
- RDBMS Lab
- Java Programming Lab
- Indian Constitution
- Social Networking / Financial Economics

Curriculum Overview (continued)

Semester IV (9 subjects)

- Software Engineering
- Cloud Computing
- Web Technology
- Web Technology Lab
- Data warehouse and Data Mining Lab or Computer Graphics Lab
- Data Warehouse & Data Mining / Computer Graphics
- Environmental Studies
- E-Commerce / Karnatakada Janapada Kalegalu
- Project II

Semester V (9 subjects)

- .NET Technology
- Analysis and Design of Algorithms
- Artificial Intelligence
- Analysis and Design of Algorithms Lab
- .NET Technology Lab
- Interactive Web Applications Lab Or Python Programming Lab
- Interactive Web Applications or Python Programming
- Basic Statistics
- Emotional Intelligence / Entrepreneurship

Curriculum Overview (continued)

Semester VI (6 subjects)

- OOAD and UML
- Software Testing
- Software Testing Lab
- Visual Narratives / Shabd Se Celluloid Thak
- Introduction To Deep Learning
- Project-III

Fee Structure

Fee heads	Year 1	Year 2	Year 3	Total
Registration Fees (Payable at the time of admission)	₹ 500	—	—	**₹ 500**
Examination Fee / Year	₹ 4,500	₹ 4,500	₹ 4,500	**₹ 13,500**
Course Fee	₹ 12,500	₹ 12,500	₹ 12,500	**₹ 37,500**
Total	**₹ 17,500**	**₹ 17,000**	**₹ 17,000**	**₹ 51,500**