



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
Waknaghat, Solan, Himachal Pradesh

Code Your
Career Path

BCA

MERIT SCHOLARSHIP AVAILABLE

with specializations in

- ✓ Artificial Intelligence-
Machine Learning
- ✓ Artificial Intelligence-
Data Science

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Limited Seats Available

For all admission related queries: 7807673100
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ABOUT THE PROGRAMME

Bachelor of Computer Applications (BCA)

The **Bachelor of Computer Applications (BCA)** program offered by the **Department of Mathematics** is a three-year undergraduate course designed for students aspiring to build successful careers in the field of **Computer Applications, Information Technology (IT), and IT-enabled Services**. Curriculum of the BCA programme focuses on two major specializations AI ML (Artificial Intelligence & Machine Learning) and AI DS (Artificial Intelligence & Data Science).

The program aims to provide a **strong academic foundation** along with **extensive hands-on training**, enabling students to apply theoretical knowledge to real-world challenges. Through a blend of core computing subjects and practical experience, students are prepared to meet the dynamic demands of the tech industry.

The curriculum includes in-depth coverage of key areas such as:

- **Machine Learning**
- **Database Management Systems**
- **Computer Networks**
- **Data Structures**
- **Programming Languages (C, C++ Java, Python)**
- **Software Engineering**

In addition to technical knowledge, the BCA program focuses on fostering essential **communication skills, social responsibility, and professional ethics**, equipping students to work effectively in diverse team environments and contribute meaningfully to society.

A significant emphasis is placed on **creativity and innovation**, encouraging students to explore design and development trade-offs and deliver efficient, real-time IT solutions. The program also instils a mindset of **lifelong learning**, essential for adapting to the ever-evolving technology landscape.

Graduates of the BCA program are well-prepared for a variety of roles, including:

- Software Development
- Web and Mobile Application Design
- Systems and Network Administration
- Cybersecurity Implementation
- IT Project Management

With its industry-oriented approach, the BCA program ensures students are **job-ready** and capable of thriving in both corporate and entrepreneurial environments.

Research Opportunities

Although research opportunities at the undergraduate level for BCA graduates are relatively limited compared to research-intensive programs, there are still meaningful pathways to engage in advanced study and research. Graduates can pursue postgraduate programs such as the **Master of Computer Applications (MCA)** or **Master of Science (MS) in Computer Science**, which offer a deeper exploration into specialized domains and research methodologies. These advanced degrees open doors to participation in academic and industrial research initiatives. Additionally, BCA graduates may contribute to **research and development (R&D)** projects within organizations or collaborate with research teams on **technology-driven innovations**.

Ranking and Recognitions 2025



JUIT AT A GLANCE:

Jaypee University of Information Technology, Wagnaghat was established as the first State Private University of Himachal Pradesh vide Extraordinary Gazette Notification in May 2002. It offers undergraduate Bachelor of Computer Applications (BCA) Program. JUIT Wagnaghat provides a learner-centric academic environment to its students. It aims to instil in students the capability to deploy appropriate technology paradigms for given tasks, explore new technologies and lead teams to solve complex problems.

The University is spread over 25 acres of lush green pollution free environment with a built-up area of 74372.56 sq.m. comprising the Academic Block (with lecture theatres, classrooms, tutorial rooms, laboratories, administrative and faculty offices and the library), Hostel residences for boys and girls, faculty residences, guest house, Annapoorna (Mess), auditorium, sports facilities, 5 Gyms, bank with ATM, dispensary, helipad, university bus, laundry and other associated services. At present, boys' and girls' hostels can accommodate upto 1800 students. The hostel for girls is separate. The campus is fully wifi, with 24x7 electric supply and power back up. NCC is available for volunteer students. The medium of instruction in JUIT is English.

ELIGIBILITY CRITERIA AND SELECTION FOR BCA PROGRAM:

The following is the eligibility criteria for admission to BBA Programs at JUIT Wagnaghat.

Degree	Eligibility Criteria
Bachelor of Computer Applications (BCA)	<ul style="list-style-type: none">• Candidate should have passed 10+2 or equivalent examination with minimum 55% (50% for SC/ST) aggregate marks or equivalent grade from the Board recognized by Council of Boards of School Education India (COBSE). <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Candidates having qualified CUET (UG) 2026 Rank / Score in the relevant discipline are also eligible for admission to the program.

Admission to the Program is on the merit of qualifying examination i.e. 10+2 meeting eligibility criteria mentioned above.

NUMBER OF SEATS:

Total number of seats for 2026-27 admissions are 30. Admission to the Program shall be on the basis of merit within the respective category i.e. 10+2 Marks Mode and CUET (UG)-2026 Rank/Score. In case of non-availability of the candidate in specific category, seats are inter-transferable in either category.

Candidates seeking admission to BCA programs offered by JUIT must meet the eligibility criteria listed above. Therefore, it is a must for candidate to go through the program-specific eligibility criteria carefully before proceeding towards filling the application form.

RESERVATIONS:

- Reservation as per provisions of Gol.
- Kashmiri Migrants/Kashmiri Hindu families, living in Kashmir valley as per provision of MHRD
- Supernumerary seats for candidates who have been issued with PM cares for children scheme certificate 2021.

SCHOLARSHIPS:

Merit based Scholarship – BCA Program

MARKS RANGE IN 10+2 (AGGREGATE)	SCHOLARSHIP AMOUNT (PER ANNUM)
75% & Above	Rs. 15000/-
[60% - 75%)	Rs. 10000/-

Note: The above amount of scholarship shall be initially given for the 1st year i.e. (1s 2nd Semester) and continuation thereafter is subject to minimum CGPA of 7.0 and no disciplinary case in the preceding year(s).