



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Approved by UGC u/s 2(f) of UGC Act 1956)

P.O. Wagnaghat, Teh. Kandaghat, Distt. Solan, Himachal Pradesh-173 234

ADMISSION PROCESS FOR B.TECH. PROGRAMME

Academic Session: 2024-25

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 B.Tech. degree programs in Biotechnology, Bioinformatics, Civil Engineering, Civil Engineering with Computer Application, Computer Science & Engineering, Computer Science & Engineering with specialization in AI-ML/AI-DS/Cyber Security/UX/UI Design /Business System / Full Stack Software Development, Electronics & Communication Engineering, Electronics & Computer Science, Electronics Engineering (VLSI Design & Technology) and Information Technology. 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.

Overview of Departments

BIOTECHNOLOGY (BT) & BIOINFORMATICS (BI): Current developments in biological sciences have created a niche for “Bioeconomy” through research and innovation in biological sciences complemented by physical, chemical, engineering and information technologies to create economic activity and public benefit. Department of Biotechnology & Bioinformatics is one of the leading departments of JUIT among private education institutions in the country with a mission of crafting of Biotechnology and Bioinformatics professionals with leadership quality in technology, creativity, innovation, and entrepreneurship. This mission is to achieve through best practical approaches in teaching and research. The department is known for its quality education in area of Biotechnology and Bioinformatics due to its strong R&D program, up-to-date educational curricula, modern laboratory infrastructure, highly qualified faculty, IPR & patents, and placements of graduates in various leading companies in India and abroad. The department strives to harness human capital for sustainable competitive edge in the field of Biotechnology and Bioinformatics.

[For more information about Department click here](#)

CIVIL ENGINEERING (CE) AND CIVIL ENGINEERING WITH COMPUTER APPLICATION (CEC): The Department provides vibrant educational environment to the students to achieve BTech degree in Civil Engineering. The curriculum emphasizes on the current demands of the Infrastructural needs of the country with focus on Structural Engineering, Construction Management, Environmental Engineering, Surveying, Geo-technical Engineering and Transportation/Highway Engineering. Apart from Classroom

learning, emphasis is given to perform experiments in Laboratories, Project Work and Industrial Visits.

[For more information about Department click here](#)

COMPUTER SCIENCE & ENGINEERING (CSE), COMPUTER SCIENCE & ENGINEERING WITH SPECIALIZATION IN AI-ML/AI-DS/CYBER SECURITY/UX-UI DESIGN /BUSINESS SYSTEM / FULL STACK SOFTWARE DEVELOPMENT AND INFORMATION TECHNOLOGY (IT): At the undergraduate level, the Department lays emphasis on theoretical and practical aspects of Object-Oriented Programming, Software Engineering, Computer Organization & Architecture, Database Management, Operating Systems, Theory of Computation, Compiler Design, Computer Graphics, Computer Networks and Microprocessors and Microcontrollers. The Department provides exposure to emerging technologies as well as futuristic technologies like Nanotechnology, Quantum Computing, Bioinformatics, Genetic Algorithms and Parallel Programming. The Department pursues active research groups in several research frontiers of Computer Science & Engineering like Ubiquitous Computing, Algorithms and Parallel Computing, Computational and Machine Intelligence, Computer Systems and Networks, Databases and Distributed Systems, Software Engineering and Information Systems and Systems and Network Security. Some of the active areas of research include Machine Translation, Image Processing, Machine Learning, Natural Language and Speech Processing, Big Data Analytics, Internet of Things, Pervasive Computing, Human Computer Interaction, Parallel, Distributed and Grid Computing Algorithms, Mobile Computing, Wireless Sensor Networks, Software Defined Networking, Service Oriented Architecture and Software Agents, Cryptography and Network Security and Cyber Laws

[For more information about Department click here](#)

ELECTRONICS & COMMUNICATION ENGINEERING (ECE), ELECTRONICS & COMPUTER SCIENCE (ECS) AND ELECTRONICS ENGINEERING (VLSI DESIGN & TECHNOLOGY): B.Tech. in Electronics & Communication Engineering (ECE) is designed to induce in students the ability to bring technological excellence using Innovation. At the core of the stream lie Digital Signal and Image Processing, VLSI and Microelectronics, Data Communication Networks, Microwave and Antenna, Embedded Systems, Internet of Things and its applications. ECE is a multi-dimensional branch and ECE engineers are highly in demand in most of the Public sectors (PSU's) like Indian oil cop. Ltd., BHEL, BEL, GAIL, DRDO, ISRO, NTPC, HAL, BSNL, MTNL, Indian Railway etc. Numerous new opportunities in Indian Engineering Services (IES), as well as in private companies such as ST Microelectronics, Samsung, IBM, Intel, Qualcomm, Cisco, Juniper, Nokia, British Telecom, Sony, National Instruments, Rockwell Automation and Texas instruments etc. are available for ECE graduates. B.Tech. in Electronics and Computers Engineering (ECS) is introduced with an increasing demand for engineers with good programming skills, proficiency in new industrial developments and use of the latest technologies such as Artificial Intelligence, Machine Learning, Data Science, Internet of Things, Cloud, Edge, Fog computing and Robotics. As the demand for programming-based courses is on an increase, major courses from Electronics & Communication Engineering (ECE), as well as Computer Science Engineering (CSE), are included. The topics included in various competitive examinations of ECE and CSE are also incorporated. ECS graduates will be strong in both hardware and software knowledge. A plethora of job opportunities will be offered to ECS graduates by major companies of ECE and CSE such as Mitsubishi, Hanson Robotics, LinkedIn, Oracle, Infosys, Nvidia, TCS, Wipro, Deloitte, Accenture, Microsoft, Adobe, Google, Cisco to name a few.

[For more information about Department click here](#)

MATHEMATICS AND COMPUTING (MC) The B. Tech. (Maths & Computing) Program is offered at JUIT jointly by the Department of Mathematics and Department of Computer Science and Engineering. The students joining B. Tech. Program are required to earn required credits through course work and dissertation distributed over 4 years to complete the Program.

Mathematics is an essential scientific tool in computing, in transforming abstract quantities and modeling real-world solutions. Computing, on the other hand, is rapidly being used to solve mathematical problems in an efficient and automated manner. Because of the widespread use of computers and computer-assisted technologies, graduates with strong backgrounds in mathematics and computing are in high demand in the corporate sector. Keeping the importance of mathematics and computer science in science and engineering, B.Tech. in Mathematics & Computing is introduced. The program not only aims to provide in-depth theoretical basis in mathematics and practical training in computer science, but it also covers a variety of multidisciplinary topics such as financial engineering, numerical computing, and intelligent machines. Graduates of the program will be well prepared for advanced degrees and careers in a wide range of industrial disciplines. The curriculum is developed in such a way that this degree is ideal for students who want to combine strong mathematical and analytical components with an emphasis on artificial intelligence.

[For more information about Department click here](#)

ELIGIBILITY CRITERIA FOR SELECTION IN B.TECH. PROGRAMMES:

The application form is for admission to B.Tech. Programmes at JUIT Waknaghat only. These admissions will take place independent of JEE based counselling/admission.

Number of seats: Total number of seats for 2024-24 admissions are 660. However, 50% seats (out of 660) are available for direct admission on the **MERIT BASIS OF 10+2 EXAM.**

Candidates seeking admission to BTech programmes offered by JUIT must meet the eligibility criteria listed below. Candidates must note that eligibility criteria may slightly differ depending on the BTech programme opted by them. Therefore, it is a must for candidate to go through the programme-specific eligibility criteria carefully before proceeding towards filling the application form.

RESERVATIONS:-

- Reservation as per provision of GoI.
- 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.
- 10 percent seats are reserved for candidates of H.P (who have appeared for 12th Examination from School in the State of H.P)
- 10 percent seats are reserved for wards of serving/retired ex-servicemen and Paramilitary Forces personnel.

BTech Degree	Eligibility Criteria
<ul style="list-style-type: none"> • Bioinformatics (BI) • Biotechnology (BT) • Civil Engineering (CE) • Civil Engineering with Computer Application (CEC) • Computer Science & Engineering (CSE) • Computer Science & Engineering with specialization in AI-ML AI-DS / Cyber Security / UX-UI Design / Business System / Full Stack Software Development • Electronics & Communication Engineering (ECE) • Electronics & Computer Science (ECS) 	<ul style="list-style-type: none"> • Candidates who have passed qualifying examination in the year 2022, 2023 or appearing / passed in 2024. • Student must pass in 10+2 examination from recognized State/ CBSE/ ISC board with minimum 60% aggregate marks.

<ul style="list-style-type: none"> • Electronics Engineering (VLSI Design & Technology) • Information Technology (IT) • Mathematics and Computing (MC) 	
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- Merit will be drawn on percentage of marks of Physics and Mathematics as compulsory subject and one other subject having higher score out of Chemistry, Computer Science, Information Technology, Biology, Informatics Practices, Biotechnology, Technical Vocational Subjects, Electronics, Entrepreneurship, Engineering Graphics, Business Studies and English.
- While filling the application form applicant must mention the details sought in item No. 10 and 11 of the application form.

How to Apply:

- Log on to <http://www.juit.ac.in/juit-admissions> and click on – 10+2 Merit Based Admissions 2024.
- Thereafter, candidate will be prompted to fill up the application and make the payment through credit/debit card/net banking/UPI. Alternatively, you can pay application fees through DD of Rs. 1200/- favouring Jaypee University of Information Technology, payable at Shimla. Write the application ID No. behind the DD to enable us to link your payment.
- Once the payment has been successfully made, the candidate shall be allotted an Application ID number, which must be saved for future reference. The candidate shall also get an E-Mail of confirmation.
- There is an option of attaching/uploading the photograph, signature of candidate and parents on the online application itself.
- Candidate whose result of 10+2 examination is awaited may also apply for the program. However, they have to update their 10+2 result on declaration OR by allowable date of result update as specified in supplementary Admission Brochure, so as to be eligible for counselling.
- In case you are not able to upload the photograph, then you should take a printout and affix recent coloured passport size photograph on the printout and then send it to mentioned address.
- You should make a photocopy and retain it for your record.

1. APPLICATION FORM

The students may fill the application forms in any of the following ways.

- (a) Obtain application form and brochure on payment of Rs. 1200/- or by sending a demand draft of Rs. 1200/- to JUIT Wagnaghat in favour of Jaypee University of Information Technology, Wagnaghat, payable at Shimla to the following address:-**

The Registrar
Jaypee University of Information Technology
Wagnaghat, Teh. Kandaghat, Dist Solan HP, India
PIN 173234

- (b) Apply online and make payment using net banking /credit/debit card/UPI on website <http://www.juit.ac.in> / <https://www.juit.ac.in/juit-admissions>**

- (c) Apply online on website <http://www.juit.ac.in> / <https://www.juit.ac.in/juit-admissions> and make payment through bank draft.**

2. SUBMISSION OF APPLICATION FORM IF APPLYING IN OFFLINE (HARD COPY) MODE ONLY

The completed Application Form –whether purchased or print out of the online application must be sent to JUIT Wagnaghat by **due last date** mentioned at the link http://www.juit.ac.in/admissions_all/ImportantDates.pdf at the following address:-

The Registrar
(10+2 Merit Based Admission - 2024)
Jaypee University of Information Technology
Waknaghat, Teh. Kandaghat, Dist Solan HP, India
PIN 173234

3. FEE STRUCTURE

Please note that the fee for the students being admitted for Academic Session 2024-24 is as follows:-

Particulars	Amount (INR)
Tuition Fee for academic year 2024-25 – General Category	Rs. 149250/- per sem
Tuition Fee for academic year 2024-25 – Ward of Defense and PMF (30 % rebate)	Rs. 104475/- per sem
Tuition Fee for academic year 2024-25 – Ward of war widow and PWD (35 % rebate)	Rs. 97013/- per sem
Hostel Charges*	Rs. 80000/- per sem
Caution Money (One time & Refundable)	Rs. 20000/-
Admission Charges (One time & Non Refundable)	Rs. 25000/-

* Optional and if allotted. Limited hostel seats are available. For Single room occupancy Rs. 7500/- Sem Extra

The hostel charges are subject to revision as and when deemed fit by the management considering hike in commodity prices.

4. Candidates are required to ensure that the hard copy of the completed application (or printout of online form) along with demand draft (if not paid online) is received at the university on or before last date.

IMPORTANT TO NOTE BEFORE SUBMISSION OF APPLICATION FORM

- * Candidates who procure the brochure and application form from University counter after payment of Rs. 1200/-, are not required to make any further payment while submitting the application form.
- * It is mandatory to enter the marks of the subjects sought in the application form at item no. 10 and 11. Any applications received without marks of the 10+2 Examination subjects shall be rejected and Candidate shall have no claim for the Merit lists.