

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

ADMISSION To M.Sc PROGRAMMES- JULY 2019

The M.Sc Programmes are offered at JUIT Waknaghat in the following disciplines: Bioinformatics, Biotechnology, Physics and Statistics. The students joining M. Sc Programme to earn 75 credits through course work and dissertation distributed over four semesters to complete the programme. The M.Sc Programme gives an opportunity to students to demonstrate their analytical, innovative and independent thinking ability, leading to creating new knowledge and showcase its application in form of dissertation in 3rd and 4th semester apart from regular courses of study.

The following disciplines under M.Sc. Programme are being offered at JUIT, Waknaghat.

- 1. Bioinformatics.**
- 2. Biotechnology**
- 3. Physics**
- 4. Statistics**

M. Sc in Biotechnology and Bioinformatics

M.Sc in Bioinformatics and M.Sc in Biotechnology are being offered by Department of Biotechnology and Bioinformatics at JUIT. The Biotechnology & Bioinformatics Programme of the University has been ranked at No 1 among all private institutions in the country for three years by the Biospectrum and the Association of Biotech Lead Enterprises (ABLE). The Department has 20 labs equipped with major equipment, LC-MS, Q-TOF, 2-D Electrophoresis, genome sequencer, atomic absorption spectrophotometer, bioreactors, animal and plant cell cultures labs, pulsed field electrophoresis, gene pulsar, gene gun, LP system, preparative HPLC, GC-MS, fluorescent microscope, high end servers and workstations. Our R&D infrastructure has been strengthened through external funding worth Rs. 22.0 corers from different Ministries of the Govt. of India, including prestigious DBT programme support under Centers of Excellence & Innovation in Biotechnology, DBT-RGYI, DST-FIST, DST Indo-Russian, etc. in addition to DRDO, MoEF, and ICMR. The students are provided opportunity to take up research in diverse areas such as metabolic engineering of microbial and plant systems, bioprocess engineering, molecular biology of infectious diseases, industrial enzymes and protein engineering; plant cell culture technologies, bioremediation, biofuels, food technology & probiotics, biosynthetic pathway discovery and gene function, genomic, proteomic and metabolomic technologies, medical informatics, protein modeling, computational genomics, metabolic networks, systems biology, etc.

[For detailed information about the Department click here](#)

M Sc in Statistics

The Department of Mathematics offers a 2-year M.Sc programme in **Statistics** from July 2019. This programme blends relevant **Statistics** covering theoretical, computational and practical aspects. The core **Statistics** courses are aimed at building a strong foundation in the subject. In addition to the stipulated the curriculum includes course work pursuing one-year of project work during the second

year. The Programme allows choice of courses from a number of elective courses in addition to core courses. The performance of students in each semester shall be continuously assessed through regular quizzes, class tests etc. In addition there will be three University examinations in a semester. The programme is designed where a student can peruse research in upcoming fields of Statistics. In addition it covers all aspects of national examination of repute like GATE, NET etc. At the end of the programme, students shall acquire sound analytical and practical knowledge to formulate and solve challenging problems and shall be well prepared to take up jobs in Academic Institutes, Research and Development Organizations or to pursue higher studies in Statistical/Mathematical Sciences.

[For detailed information about the Department click here](#)

M. Sc in Physics

M.Sc in Physics is being offered by Department of Physics & Materials Science at JUIT. The Department has strong research interests in semiconductors, polymers, nanomaterials and microchips antennas apart from teaching regular B.Tech courses. Department has eight well equipped laboratories including six laboratories exclusively dedicated for research only. The Department has research projects from various Government agencies like DST, SERB, HIMCOSTE, CSIR, DRDO etc. Also the Department is well connected with national and International Laboratories/Universities by collaborated work and MoU's. Faculty has published more than 400 research publications in journals of high repute with more than 4500 citations and maximum h-index 18. Moreover, the awarded Ph.D. Scholars of the Department are well placed in leading Research Laboratories, Industries and Universities of national and international repute. Moreover, the course designed provides a platform for research in upcoming fields of Physics & Materials Science and it covers all the aspects of national examination of repute like GATE, NET etc.

[For detailed information about the Department click here](#)

JUIT M.Sc Programme 2019 Procedure and Schedule

Event	Date
Availability of application form	15-Mar-19
Last date to submit application form	15-June-19
Registration and Admission starts	18-July-19

Eligibility Criteria of JUIT M.Sc Programme 2019

S.No	Degree	Eligibility Criteria
1	M.Sc (Biotechnology) & M.Sc (Bioinformatics)	Passed/Appeared* Bachelor's degree in Life Sciences, Environmental Sciences, Physical Sciences, Agricultural Sciences, Computer Sciences, Medicine (MBBS) or B.D.S, Pharmacy, Veterinary and Fishery Sciences or any other degree recognized equivalent there to by the University with at least 45% marks aggregate/equivalent CGPA (for SC/ST), 50% marks aggregate/equivalent CGPA (for other categories)

2	M.Sc (Physics)	Passed/Appeared* B.Sc/B.Sc (Honors) with Physics as main subject with at least 45% marks aggregate/equivalent CGPA (for SC/ST), 50% marks aggregate/equivalent CGPA (for other categories).
3	M.Sc (Statistics)	Passed/Appeared* B.A/B.Sc(Honors) with Mathematics/Statistics as main subject with at least 45% marks aggregate/equivalent CGPA (for SC/ST), 50% marks aggregate/equivalent CGPA (for other categories).

The number of seats for each M. Sc Programmes is limited to 30.

***Provisional Admission: Students who are in the final year are eligible to apply for admission in M.Sc. Programme. The admission is subject to successful completion of graduate programme meeting the minimum eligibility criteria. (They need to submit the final graduation result before 30th September 2019).**

Application form complete in all respect must reach to Registrar “JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT, DISTT- SOLAN (H.P)-173234” by 15th June 2019 alongwith a bank draft of Rs. 1200/-. Application fee of Rs. 1200/- is applicable for both online/application form purchased from JUIT Wagnaghat. Draft to be made in favor of “Jaypee University of Information Technology” payable at Shimla.

Attach self attested copies of Transcript / Grades / Marks Secured as per serial 7 of application form. Paste one photograph on application form.

M.Sc. Counselling 2019

Date of Counselling for admission to M. Sc Programme is as per the announced schedule as mentioned on the website. Allotment of M.Sc. seats for admission 2019 will be based on the candidate's marks/CGPA. Candidates need to produce their original documents for verification at the time of counseling as given on the university website(www.juit.ac.in). For those candidates whose original documents have not been issued by their respective Universities, may have to give an undertaking for submission latest by 30th September 2019. Confirmation of seats will be done only after completion of document verification and payment of the admission fees.

Tuition fee: The tuition fee shall be Rs. 35,000/- per semester for first year and Rs. 45,000/-per semester for the second year.

Hostel Fee: Limited seats are available in the hostels. Hostel seats will be allotted on first come first served basis. The Hostel charges is Rs. 51,000/- per semester.

For any query please contact Mr. Amit Kumar Shrivastava(01792-239257, 7807846049), Mr. Arindam Das(01792-239305, 7807846048) , Assistant Registrar (01792-239362, 7807846047) and Dr. Hemant Sood (01792 239274, 7807846050)