

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

ADMISSION To M.Sc. PROGRAMMES- JULY 2018

The M.Sc. Programs are available in the following disciplines: Bioinformatics, Biotechnology, Physics & Materials Science and Statistics at JUIT Waknaghat. The students are required to undertake 75 credit course distributed over four semesters to complete the programme. The M.Sc. program 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 project in 3rd and 4th semester apart from regular course of study.

The following sub areas are identified in the respective disciplines for undertaking M.Sc. Programme.

- 1. M.Sc. in Bioinformatics.**
- 2. M.Sc. in Biotechnology**
- 3. M.Sc. in Statistics**
- 4. M.Sc. in Physics**

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 program 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 more information about department click here](#)

M Sc in Statistics

The Department of Mathematics will offer a 2-year M.Sc. programme in **Statistics** from July 2018. 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 usual course work it also involves pursuing one-year project work during the second year. The program allows opting courses from a variety of electives together with the compulsory ones. The performance of students in each semester shall be continuously assessed through regular quizzes, class tests etc. besides usual three university examinations in a semester. The course designed provides a platform for research in upcoming fields of Statistics and it covers all the 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 more information about department click here](#)

M Sc in Physics

M.Sc. in Physics is being offered by Physics & Materials Science department of JUIT. The Department has strong research interests in semiconductors, polymers, nanomaterials and microwave antenna 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 Statistics and it covers all the aspects of national examination of repute like GATE, NET etc.

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

JUIT M.Sc program 2018 Procedure and Schedule

Event	Date
Availability of application form	5-Apr-18
Last date to submit application form	05-July-18
Announcement of Result	07-July-18

Eligibility Criteria of JUIT M.Sc program 2018

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 50 % marks (for SC/ST),

		55 % marks (for other categories)
2	M.Sc. (Physics)	Passed/Appeared* B.Sc/B.Sc (Honors) with Physics as main subject with at least 50 % marks (for SC/ST), 55 % marks (for other categories).
3	M.Sc. (Statistics)	Passed/Appeared* B.A/B.Sc(Honors) with Mathematics/Statistics as main subject with at least 50 % marks (for SC/ST), 55 % marks (for other categories).

The number of seats for all the programs is limited to 30.

***Provisional Admission**

Students of final year are also eligible to apply subject to successful completion of graduate programme. They need to submit the details of marks before the last date of application(5th July 2018) and after their application will not be considered for admission).

Admission Procedure

Application form must reach to Registrar “JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT, DISTT- SOLAN (H.P)-173234”

Attachments:

Attach a bank draft of Rs. 1200/- with downloaded application. No Additional charges in case of online or purchased application. 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.

JUIT M.Sc.Counselling 2018

As per the announced schedule, seat Allotment of M.Sc. admission 2018 will be based on the candidate’s overall graduation marks/CGPA. Candidates need to produce their original documents for verification. 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 second year.

Hostel Fee: Limited seats are available in the hostels. Hostel seats will be allotted on first come first served basis. The fee (includes three time meals, lodging, laundry and internet services) is Rs. 47,500/- per semester.

*For any query please contact Mr. Amit Kumar Srivastava(01792-239257),
Mr. Arindam Das(01792-239305) and Registrar Office (01792-239203).*