It was a memorable day on May 01, 2016 at Jammu, when a Memorandum of Understanding (MoU) between Department of Higher Education, Government of Jammu & Kashmir and Department of Higher Education, MHRD, Government of India, was signed, setting the ball rolling to set up an IIT campus at village Jagti, Tehsil Nagrota at Jammu. The site is located on the National Highway 44 and is about 15 Km from the Airport. The State Government, J&K has provided the land, measuring 400 acres for the establishment of the permanent campus of Indian Institute of Technology at Jammu. The Land has been handed over to the CPWD, Jammu Division to take up the construction of the Transit campus at Jagti as per layout plan.

IIT Jammu admitted the first batch of 82 bright students in August 2016 at a Temporary campus in Paloura, Jammu. The initial intake of students in the first year 2016 was 90 students, 30 each in Computer Science and Engineering, Electrical Engineering and Mechanical Engineering discipline.

The transit campus at Jagti spread over 25 acres within the actual site of 400 acres became operational from the session 2017-18 in August 2017 and it can accommodate about 650 students. In 2017, Civil Engineering discipline also started with an initial intake of 30 students, while in 2018 Chemical Engineering discipline was also added with an intake of 30 students.
Welcome to The Indian Institute of Technology, Jammu.

Swathed by the Himalayan range of the Shivaliks and lounging across miles of green, IIT Jammu is a 159-hectare campus located in the beautiful state of Jammu and Kashmir. With an institutional strength of about 350 people, it boasts of 200 students and around 40 Faculty coming from different parts of the country, contributing to a culturally rich and diverse environment. The campus is always buzzing with students and faculty enthusiastically engaging themselves in a number of clubs, associations and cultural activities. We are also endowed with a very industrious staff that keeps the Institute in place.

Being the first new IIT to start using its permanent campus within a year, this Institute is committed to providing a global platform for students to learn and shape their careers. We have embarked on a massive project to modernize, digitise and expand the infrastructure in the campus. In about a couple of years’ time, the campus will have new academic buildings, new housing blocks and playgrounds for the students, faculty, and staff.

We harbour a profound passion to convert our cherished vision into reality. We have some of the best faculty of the country who tirelessly work to make IIT Jammu into one of the top Institutions of our nation. We respect Excellence, cultivate Innovation and promote Collaboration.

These are exciting times for us as this is our first session of Placement and Internship in IIT Jammu. I invite you to participate in our placement process and join our family.
This section includes fundamental department requirements. And apart from these basic foundations for students in areas of social sciences, ethics, humanities and some basic engineering sciences. Further different skills for the overall development of students. Basically, this part adds to graded points.

Option to earn an Honour's degree (in the same department) or a Minor degree (in another department). This requires taking additional selected courses in the same department or in another department.

IIT Jammu offers 4 years B.Tech. degree in the following disciplines:

- Computer Science and Engineering
- Electrical Engineering
- Mechanical Engineering
- Chemical Engineering
- Civil Engineering
Computer Science and Engineering

The course structure spans sundry topics like Data Structures and Algorithms, Networks, Operating Systems, Compilers, Databases, Artificial Intelligence, Machine Learning, Digital Logic and System Design using VHDL, Signal and Systems Discrete Mathematics and Cryptography. Students Participate in competitive coding events like ACMP-ICPC, Hackathons and various other online Coding Competition.

Electrical Engineering

This course offers a diverse set of core and disciplinary electives in the areas of Power Systems, Electrical Networks, Electrical Machinery, Control Systems, Communication, Computer Networks, Digital Signal Processing, Power Electronics, Computer Organisation and Architecture, Microprocessors, Electromagnetic Field etc. Electrical and electronic laboratories increase the practical understanding of the concepts.

Mechanical Engineering

The discipline of Mechanical Engineering contains core and elective courses like Power Plant Engineering, Mechanics of Solid, Analysis and Synthesis of Mechanisms, Fluid Mechanics, etc. To increase the practical knowledge student also work on CAD modelling with CAM in various packages like Solid Works and AutoDesk.
Civil Engineering

Student of civil engineering has to undergo through the courses like Traditional and Digital Surveying, Geotechnical Engineering, Water Resources Engineering, Strength of Materials and Structures and Remote Sensing. The student is trained in everything ranging from core mechanics to all the dynamics of real-world civil engineering problems. Being the construction site the college itself is a live lab for the students of Civil Engineering.

Chemical Engineering

The institute started Chemical engineering in undergraduate department in 2018 which includes courses such as, Fluid mechanics, Chemical engineering thermodynamics, Process dynamics and control and various other courses which aim to groom students for corporate as well as for research areas.

Postgraduate programs

IIT Jammu has full time Ph.D program started in 2018 in the following areas:

Chemistry, Civil Engg., Computer Science & Engg., Electrical Engg., Mathematics, Mechanical Engineering, Physics and Interdisciplinary research areas.
The selection procedure for participating in programs offered by IIT JAMMU is based on the highly precise examination, JEE (Mains and Advanced). To ensure the participation of students with the highest potential in whichever field the work.

IIT Jammu follows the semester system. An academic year runs from July through June next year and comprises of two semesters. Typically, the first semester starts in the month of July and ends in the month of December and the 2nd semester starts in the month of January and ends in the month of May.

Credit System

Bachelor of Technology (B.tech)
Duration: 8-12 Semesters
Credits: 145-155 credits that are distributed as follows:

1. Institute core (IC):
   - Basic sciences (BS): Mathematics, Physics, Chemistry and Biology courses.
   - Engineering Arts and Sciences (EAS): Fundamental engineering courses.
2. Departmental Core (DC): Includes courses specified by departments.
4. Open Category (OC): Electives can be taken outside or within the discipline.
5. Non-Graded (OC) units: Core requirements and can be earned through formal academics activity and informal extra activities.
Non-Graded Systems

In order to ensure all round development of the students with the academics, so that they can enhance their learning experience co-curricular and extracurricular activities are organised.

1. Hands-on activities.
2. Introduction to engineering
3. Communication skills
4. Design and architecture
5. Art and culture
6. Industrial visits
7. Reverse engineering.

Earning Credits

At the end of every course, a letter grade is awarded in each course. On getting the passing grade, student accumulates the course credits as earned credits. A students performance is measured by the number of credits that he/she has earned by the weighted grade point average. A minimum number of credits are required in order to qualify the degree. This credit system enables the continuous evaluation of student’s performance and allows the students to progress at an optimum pace.
Central Computing and Communication Infrastructure (C3I) has been set up at IIT Jammu for the smooth functioning of overall design, planning and day-to-day Network and Services infrastructure. IIT Jammu also has its own E-Governance (ERP), Recruitment Portals and LMS.

IIT Jammu has very healthy relations with all other IIT’s and various institutions across the country and abroad. The institute frequently organize various workshops and talks relevant to the coursework or modern day technologies for the students to connect their academics with outside world. Institute also organised various education trips for the students to get industrial exposure.
### Labs

<table>
<thead>
<tr>
<th>Lab</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Computer Lab</strong></td>
<td>The lab gives 24*7 access to the students with high speed internet to work on their assignments and projects.</td>
</tr>
<tr>
<td><strong>Analog Electronics Lab</strong></td>
<td>The lab gives access to software Cadence virtuoso for circuit designing.</td>
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<tr>
<td><strong>RF and Microwave Lab</strong></td>
<td>The lab have various tools including Microwave test bench, vector network analyzer (VNA) and on the software end it gives access to CST Studio Suite for designing of circuits.</td>
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<tr>
<td><strong>Control Lab</strong></td>
<td>The lab gives access to software named 20sim for simulation of different systems.</td>
</tr>
<tr>
<td><strong>Digital Electronics Lab</strong></td>
<td>The lab gives access to VHDL and Verilog and various other hardware tools.</td>
</tr>
<tr>
<td><strong>Tinkering Lab</strong></td>
<td>Tinkering Lab and Central Mechanical Workshop: To have practical knowledge, students are provided with fully equipped tinkering lab which have machines for grinding, cutting, drilling, milling etc. with our Central Mechanical workshop under construction which will contain high end machines like 3-D printers, CNC.</td>
</tr>
</tbody>
</table>
The Library of IIT Jammu is an integral part of the Institute's academic and research work. As an Informatics center of the Institute, Library provides an enjoyable learning experience with optimum ambiance for study and learning on all working days. It provides information/knowledge resources through a carefully developed and balanced collection of Books and Journals.

The library collection consist of textbooks, reference books and CDs covering the areas of academic and research interest of the Institute.

Total Collection:
Books: 1400
CDs: 12

Digital E-Resources
In addition to printed journals, library is also subscribing the online E-Resources, Databases and E-Packages for the year 2018. ACM digital Library, American Society for Civil Engineering (Full Package) and American Society for Mechanical Engineering (Full Package) is being subscribed by the library.
IIT Jammu have a very active intra-college scene, with genre specific clubs and plenty events all year round. It is the passion of students which keeps the spirit of IIT Jammu live and kicking! Timely meetings throughout the year and students' active participation are the most remarkable characteristic. The sheer variety of activities that students are involved which is evident from the number of student clubs — dramatics, dance, music, photography, fine arts. ‘Dhwani’ the Music Club of IIT Jammu with the participation from dance club as well mark their presence at the cultural festival ‘Resurgence’ of SMVDU by winning the 3rd prize among 30 teams. An active participation in “Manthan International festival” in Wave mall Jammu, Jammu Tawi railway station by our dramatics club. Jammu municipal corporation's wall painting competition, ‘Prime Minister Shri Modi’s Ek Bharat Shrest Bharat’ are few of the many platforms where the artocrats (Arts club of IIT Jammu) performed and showed their social temper. Members of Photography Club are the ones behind the scene and the frontiers of the event. From writing play, to direction and to performance, members get to learn the skills required for each of these jobs making them the outspoken individual we dream of.
Sports Activities

The Institute Organised the First Sports Fest of IIT Jammu in its second year of establishment. Convoquer ‘18 (April 25-26, 2018) was a huge success and about 70% of the students participated in this event. With good sports facilities, coaches and dedicated athletes, IIT Jammu gradually gaining its position among all the other IIT’s. We were invited for Inter-IIT 2016 but could participate only in individual events of Athletics. Though in Inter-IIT 2017, we finished 5th in Discus Throw(W), while in team events, our Badminton Team Reached the Quarter-Finals. In Inter-IIT Chess Meet, IIT Jammu finished at 13th position out of all IIT’s.

And in the charity-run event “Inter IIT Impact league”, we secured 7th position out of all IIT’s and managed to donate over 60,000/- rupees. We as a team jogged for over 6,000 km between the period of one month.

Infinito

Infinito is the annual cultural fest of IIT Jammu. It is devoted for creating an unforgettable experience for all its visitors, simultaneously providing unique opportunities to the youth for showcasing their talents. The whole event is completely organised and executed by the student community of IIT Jammu.
Science and Tech council:

Coding Club

1st coding club session was held in 1st semester of IIT Jammu which aimed at establishing the basic coding concepts to various students which were new to the programming world. From then the sessions were continuously taken. They also introduce to competitive programming. The Coordinators which starts the coding club Sahil and Abhishek received the certificate of appreciation from IIT Delhi faculty. One of the teams participated in Shaastra Programming Contests (SPC) hosted by IIT Madras and secured 36/495 rank in the online round, leading to selection for the onsite contest, where the team secured 10th position.

Robotics Club

Robotics club at IIT Jammu is a technical club that provide resources to the students who are interested in learning about and working with robots. The club offers various workshops and tutorials along with tools, equipments and workspace. The club actively work on developing innovative projects. IIT Jammu participated in Techfest, IIT Bombay and went to zonals and ranked 31 among 70 teams.

ACM

The ACM Student Chapter is going to start at IIT Jammu, with the process underway. There are already many ACM student members in the institute, thanks to their participation and selection in ACM ICPC 2018 regionals. Through the chapter, we aim to make our students interact with the industry by organizing various talks, get to know about various emerging fields in Computer Science, and also organize certain competitions recognized by ACM, all of which will help improve the skills of the students. The students will also get to travel and attend various conference and events.
Carrying the vision of learning beyond classrooms and real engineering exposure forward, the students of IIT Jammu, with their keen dedication, perseverance and meticulous approach, came to form the student chapter of SOCIETY OF AUTOMOTIVE ENGINEERS INDIA in IIT Jammu in April 2018, making us the first among 3rd generation IITs to accomplish the above.

Under the club activities, student members across different branches pooled to form a team to participate in BAJA SAEINDIA, an yearly offroad vehicle design and fabrication competition.

Achievements

Inter IIT Tech meet

The team of 3 students finished 3rd in two categories and overall 5th in Case Study Event in the 5th Inter-IIT Tech Meet. IIT Jammu performance was quite well considering the fact that the first-year students, were able to make a mark among all IITs present there.
ICPC

Five teams, each of 3 members participated from IIT Jammu. Two of the teams qualified for the 2nd onsite stage after securing ranks 311 and 687 out of 3277 teams in the online round. In the onsite contests, Team Chain_Coders ranked 86/118 teams at Chennai regionals & Team Lollipop ranked 166/255 teams at Amritapuri. Constantly aiming to improve the participation and performance, this time, 12 teams, 6 each from 2nd year and 3rd year students have registered for the ACM ICPC 2018-19 Online Contest.

Mechanica IIT Madras

A team of 2 first year students participated in Mechanica 2018 at IIT Madras and they are one of the 5 Winning teams awarded 1 lakh prize money out of 170+ teams participating in Tech2Farm competition.

Startup India Yatra, Govt of India

A team of 3 Startup enthusiast, 2 from 2nd year and 1 from 3rd year, secured third position in the Startup India Yatra 2018 Organised by Government of India and JKEDI.

Indiapreneur, ISBS Pune

A business plan proposed by a team of 4 first-year students were shortlisted among top 20 entries out of more than 1700 international entries for the Grand Finale in Indiapreneur 2018 competition.
Above 75% of the second year Students of the first batch of IIT Jammu have done project based internships and skill development programs in various renowned corporate's and IIT's which includes:-

- Actiknow Business consultancy
- Youstart Labs
- Planify
- University of Bordeaux, France
- ISI Kolkata
- IIT Delhi, Hyderabad, Bombay, Madras, Gandhinagar and Guwahati
- CSIR-CMERI Durgapur
- MNIT Jaipur
A Company/Organisation fills a Job Announcement Form (JAF) containing details of the job offer (pay package, posting places) and sends it to the placement cell.

The JAF is made available online to the students, along with any other information furnished by company/organization.

Invitation to companies: The placement cell sends an invitation to companies/organizations along with relevant information.

Interested and eligible (as per the criteria specified by the organisations) students show their willingness to appear for the recruitment process of a company by signing its JAF online. Companies/Organisations are provided with the resumes of interested students and can shortlist the students.

Placement Office allots dates for recruitment procedure by considering factors like student preferences, job profile, etc. Organisations visit the campus on the allotted dates and conduct test/ interviews according to the recruitment process.

The company/organization is required to furnish the final list of students in a sealed envelope at the end of their assigned interview slot. The organisations are also encouraged to maintain a waitlist of students in case of non-availability of selected students.
About the T&P Team

Faculty Advisors
Swati Basotra - swati.basotra@iitjammu.ac.in
Srujana Kagita - srujana.kagita@iitjammu.ac.in
Anand Kumar Subramaniyan - anand.subramaniyan@iitjammu.ac.in
Varsha Singh - varsha.singh@iitjammu.ac.in
Vinod Kushvaha - vinod.kushvaha@iitjammu.ac.in
Rahul Solunkhe - rahul.salunkhe@iitjammu.ac.in
Vinit Jakhetiya - vinit.jakhetiya@iitjammu.ac.in
Swagata Bhaumik - swagata.bhaumik@iitjammu.ac.in
Vijay Pal - vijay.pal@iitjammu.ac.in
Yamuna Prasad - yamuna.prasad@iitjammu.ac.in

Undergraduate Coordinators
Sapan Khubchandani - 2016ume0068@iitjammu.ac.in
Taijaswaini Agarwal - 2016ume0061@iitjammu.ac.in
Deepanshu Yadav - 2016uee0052@iitjammu.ac.in
Sahil Jindal - 2016uee0042@iitjammu.ac.in
Shivam Kumar - 2016ucs0022@iitjammu.ac.in
Abhishek Yadav - 2016ucs0017@iitjammu.ac.in
Rishabh Kumar - 2016ucs0013@iitjammu.ac.in
Mayank Singh - 2016ucs0024@iitjammu.ac.in
Prarthit Mehra - 2016ucs0027@iitjammu.ac.in
Vaidehi Som - 2017ume0119@iitjammu.ac.in
Tushar Goyal - 2017ume0117@iitjammu.ac.in
Abhishek Kumar Gupta - 2017ume0091@iitjammu.ac.in
Mittasha - 2017uce0015@iitjammu.ac.in
Rohit Kumar - 2017ucs0054@iitjammu.ac.in
Sagar Rathee - 2017uee0079@iitjammu.ac.in
Doddi Akshith - 2017uce0010@iitjammu.ac.in
Vishwas Modanwal - 2017ucs0059@iitjammu.ac.in
Jay Narayana - 2016uee0048@iitjammu.ac.in
Training and placement cell

# 553, North Block, IIT Jammu
Jagti, PO Nagrota, NH-44
Jammu- 181221
J&K, India

+91- 9810881602
Email Id - tpo@iitjammu.ac.in
Reaching IIT, Jammu

Via Train:
The Jammu-Tawi Station is well-connected to all the major cities in the country such as Delhi, Kolkata, Chennai, Pune, Trivendrum and more. IIT Jammu is about 15 km from the Tawi railway station.

Via air:
A number of Airlines operate from Jammu Airport to various important destinations like Delhi, Mumbai, Srinagar. Popular air carriers like Spice Jet, Jet Airways, Go Air, Indigo and Air India have regular flights from Jammu. New Delhi is the closest International Airport with daily flights to Jammu. IIT Jammu is about 17 km from the Jammu airport.

Via road:
Jammu is on National Highway 1-A and is connected by the highway network to all parts of the country. IIT Jammu is located on National Highway 44 (India)(Srinagar - Kanyakumari Highway), 6-7 km from the main Jammu City.