The warmest place on Earth
where curiosity leads
innovation
Jammu, the place with the fusion of prodigious mountains towering over a picturesque river, is recognized for its beauty and hospitality. The pleasant weather that infuses the pink of health in the body and the amiable nature of people who give the message of warmth make Jammu a place to be in and become. Identifying the harmonious environment of Jammu, the IIT fraternity chose it as an address for curious minds to thrive invincibly.

The peace in the atmosphere of Jammu keeps IITians aligned with the ideas emerging in their ambitious minds and leads them to the greatest level of creation, innovation.

Welcome to the homeland of warmth

Jammu, the place with the fusion of prodigious mountains towering over a picturesque river, is recognized for its beauty and hospitality. The pleasant weather that infuses the pink of health in the body and the amiable nature of people who give the message of warmth make Jammu a place to be in and become. Identifying the harmonious environment of Jammu, the IIT fraternity chose it as an address for curious minds to thrive invincibly.

The peace in the atmosphere of Jammu keeps IITians aligned with the ideas emerging in their ambitious minds and leads them to the greatest level of creation, innovation.
IIT Jammu is a young Institute of bold thinkers. It diverts the dynamic energy of the nation’s youth towards detailed observations, progressive imaginations and need-gap identification. We are dedicated to foster a generation which goes beyond the concept of theoretical knowledge. We aim to blend the approach of interactive and hands-on learning into its pedagogic principles. Keeping this objective at the core, we regularly organize foundation programmes and synergistic workshops for our students, staff and faculty. We are making a conscious effort to sustain a multi-disciplinary approach to academia. Our long-term goals are to create an environmentally sustainable campus, to increase the number of offered programmes, establish impactful research facilities and a strong presence in translational research and development of the nation. We have successfully set up two operational campuses with fully equipped academic and recreational facilities. Our objective is also to set up a state-of-the-art research facility for the Institute and the researchers from all over India, making IIT Jammu the biggest research facility in J&K.

At IIT Jammu, the journey is as exciting as the milestones pursued and achieved.

M.S. Gaur
Director, IIT Jammu

Taking the IIT legacy forward

Since their inception, IITs have proved their potential to grow with their quality of education, technological developments and innovational accomplishments. In taking this legacy forward, IIT Jammu is inspired by young India and its urge to build a collective society where technological discoveries can be made with a humanistic and futuristic approach.

IIT Jammu was inaugurated on 6th August 2016 and, within a year, shifted to its main campus in Jagti, surrounded by beautiful forest land and a peaceful ambience. IIT Jammu is an “Institute of National Importance” which is sincerely committed to nurturing the young talents coming from various parts of India by training them to put knowledge into practice. The Institute aims to inculcate the sentiment of responsibility and commitment in the students and empower them to be innovators who create a positive impact on the nation.

IIT Jammu is inspired by young India and its urge to build a collective society.

From passionate learners to transformative leaders

IIT Jammu is a young Institute of bold thinkers. It diverts the dynamic energy of the nation’s youth towards detailed observations, progressive imaginations and need-gap identification. We are dedicated to foster a generation which goes beyond the concept of theoretical knowledge. We aim to blend the approach of interactive and hands-on learning into its pedagogic principles. Keeping this objective at the core, we regularly organize foundation programmes and synergistic workshops for our students, staff and faculty. We are making a conscious effort to sustain a multi-disciplinary approach to academia. Our long-term goals are to create an environmentally sustainable campus, to increase the number of offered programmes, establish impactful research facilities and a strong presence in translational research and development of the nation. We have successfully set up two operational campuses with fully equipped academic and recreational facilities. Our objective is also to set up a state-of-the-art research facility for the Institute and the researchers from all over India, making IIT Jammu the biggest research facility in J&K.

At IIT Jammu, the journey is as exciting as the milestones pursued and achieved.

M.S. Gaur
Director, IIT Jammu

Learn, Engage, Invent and Create impact.

Core Values

Creativity
Interdisciplinarity
Dynamism
Mutual Respect
Collective Growth
Sustainability

Vision
To create tomorrow’s world through technological interventions which are humanistic, creative and futuristic.

Mission
IIT Jammu not only creates industry-ready students but students who make the industry ready for current and future technological excellence.
Seamless learning with full-length infrastructure

20 minutes away from Jammu airport and railway station, IIT Jammu’s Jagti campus is well-connected and abundantly green with a beautiful landscape. Close to Trikuta Hills, the campus fluently captures the raw beauty of nature. The current hostels and lodging facilities are built to comfortably accommodate 650 students. The next phase of construction of the main campus is underway and will accommodate about 1200 students.

Our campus is powered by large-capacity solar energy to promote the idea of a sustainable environment. Our support continues through our highly resourceful library, a variety of sports and recreational facilities, and high-tech classrooms and laboratories. We nurture the talent of students and faculty members at IIT Jammu by giving them complete freedom to practice their theoretical knowledge at the well-established and upgraded infrastructure of the institute.

IIT Jammu ensures that students understand the real-world application of their theoretical knowledge by providing them facilities that enable experimentation and innovation. The numerous laboratories, workshops and student-managed tinkering labs aim at providing a fertile space for the development of a well-rounded Engineer.

The Institute is in the process of setting up a Central Research Facility with high-end equipment for major research and industrial collaborations.

Central Computing & Communication Infrastructure (C3I)

IIT Jammu’s 24-hour access C3I facility is set-up for the smooth functioning of overall design, planning and day-to-day Network and Services Infrastructure. The C3I has successfully established Integrated & Governance Solution (ERPI) and Learning Management Solution (LMS) which ensures that the Institute operates with higher efficiency and increased coordination.
Curriculum template in the academic system of IIT Jammu has been structured to be multi-disciplinary to cater to the rapidly changing scientific and technological needs of the global community. Our programmes are designed to encourage students to relate academic theory to real-world practice and to collaborate with like-minded community in and out of the lecture hall.

The 4-year undergraduate Bachelors’ Programme has been designed to expose students to the fundamental concepts of all branches of Engineering, Basic Sciences, and Humanities. A substantial portion of the total credits is devoted to experimental education through laboratory experiments and hands-on projects permeating across disciplines. Courses related to Engineering and Basic Sciences are accompanied by the corresponding lab training and purpose-driven projects which will be taken up by the students. Students are encouraged to get a minor degree in any area of Engineering/Applied Sciences-Humanities to fulfill their inter-disciplinary interests. The curriculum also aims to give a choice to go deeper into an area of specialization by earning an “honours” degree.

IIT Jammu would like to stand as an active lab of engineering education and encourage the creative innovation of engineering systems in connection to the national perspective.

UG Programmes
- B.Tech. in Chemical Engineering
- B.Tech. in Civil Engineering
- B.Tech. in Computer Science and Engineering

PG Programmes
- M.Tech. in Computer Science and Engineering - Data Science
- M.Tech. in Computer Science and Engineering - Information Security
- M.Tech. in Electrical Engineering - Communications and Signal Processing

Full-Time Ph.D. Programmes
Full-time Ph.D. programmes are offered by all the academic departments in their respective research specializations along with a strong emphasis on multidisciplinarity research.
Extensive support for far-reaching growth

Faculties at IIT play a major role in shaping the professional character of every student for a bright career in engineering and related fields. We have strong faculty across all departments who share their expertise with the students and motivate them to pursue their aspirations. IIT Jammu recognizes the determination of faculty members and appreciates the efforts they invest in the future of students and for the betterment of the Institute. For the consecutive growth of faculties, IIT Jammu has provisioned fellowships and financial assistance to expand their horizons of knowledge and contribute to the vital areas of research.

Major areas for research
- 5G New Radio, Massive MIMO, mm-Wave Communication
- Biomedical Research
- Catalysis, Asymmetric Synthesis, Organometallics
- Cyber-Physical System and its security
- Image Video Processing
- Literature and Cultures of South Asia, Comparative World Literature
- Machine Learning and Artificial Intelligence
- Plasmas, Renewable and Sustainable energy
- Transportation infrastructure in the mountains: Seismic Analysis
- Tribology, Manufacturing, Thermal and Fluid Sciences

Provisions for the faculty members
With the core objective of motivating faculty members towards quality research and development, IIT Jammu provides multiple avenues that help faculty members contribute towards personal and institutional growth.

MoUs & Collaborations
IIT Jammu has signed MoUs with 19 organisations within and outside India. Some of the key collaborations are:

Institutional
- Dhirubhai Ambani Institute of Information and Communication Technology, India
- Khaje Nasir Toosi University, Tehran
- Malaviya National Institute of Technology, India
- Malek-Ashtar University of Technology, Tehran
- Shiraz University of Technology, Shiraz, Iran

Industrial
- Electronics Sector Skills Council of India (ESSCI)
- ENTUPLE Technologies Private Limited
- NI Systems (India) Pvt. Ltd.
- Public Works Department (PWD), Jammu
- Udhampur-Srinagar-Baramula-Rail-Link Project (USBRL) Northern Railways

Research & Development
- Council of Scientific and Industrial Research (CSIR), New Delhi
- Semi-Conductor Laboratory, Department of Space, Govt. of India

Strength of faculty members

Adjunct faculty members are from University of Bordeaux, Iowa State University, IIT Bombay, Southampton University, University of Auckland, University of London, Harbin Institute of Technology Shenzhen

In-House 55
Visiting 20
Adjunct 16

55
20
16

Faculty Research Fellowships
Partial Financial Assistance for Summer Attachment Programme (SAP)
Project Based Learning (PBL) Workshop at Olin College, USA
From being raw to ready

Students at IIT Jammu are prepared to excel in leadership, teamwork and problem-solving along with gaining technical knowledge. Refresher lectures on technical subjects, preparatory programmes to enhance communication skills, interview skills, group dynamics, dialogue sessions with external experts in diverse sectors and other large numbers of activities are conducted for the inductive training of graduating students. A specialized internship programme is arranged for PAN-India students with Arista Networks to learn about networking and high-data computing. Overall, the key focus of the placement office is to prepare students for their desired placements and internships.

Internship Programmes

Students from various engineering departments get prolific internship opportunities to refine their skills. They get a chance to gain valuable work experience and explore a strong career path at the renowned organisations in India and abroad.

Training & Placement Cell

Training and Placement Cell (T&P) at IIT Jammu is committed to transforming the students into innovative engineers and determined professionals. In this regard, T&P cell aims to bridge the gap between the Institute and industry with continuous endeavours and has been successful in placing students for Internship assignments at premier academic Institutes like IITs, universities abroad, government PSUs and high profile industries.

Future Initiatives

The Cell aims to conduct multiple Industrial and HR Conclaves along with frequent interactions with seasoned professionals from the top drawer companies across industries. Further, the Cell consistently carries out workshops on management and soft-skill development, industrial visits and career guidance programmes to equip students with the imperative competencies.

Institute Innovation & Incubation Centre (I3C)

IIT Jammu’s Innovation and Incubation Centre is established under MHRD’s Innovation Cell (MIC) to systematically foster the culture of innovation and with the motto to stir up the entrepreneurial spirit in the students. I3C encourages and inspires students to experiment with ideas, prepares students for challenges, provides guidance and seed funding. I3C also emphasizes on:

• Creating Local Innovation Ecosystem
• Developing Startup Supporting Mechanism
• Establishing a functional ecosystem for scouting ideas and pre-incubation of idea and developing the cognitive ability for technology students.
Increase in collective potential by collaborative efforts

Outreach programmes are an interactive approach to comprehensive learning. IIT Jammu, with its outreach programmes for faculty and students, extends the expertise and support to the communities inside and outside the institution. The philosophy of ‘uncover the cores, rather than covering anything’ is the basis for innovation at IIT. Being an active epicentre of engineering we also focus on arranging development programmes for faculties and students to impart engineering and technical solutions to the problems faced by society. Variegated activities and workshops are periodically organized to expand the rainbow of knowledge, to attain diverse skills and produce promising outcomes through unified efforts.

The faculty and students of the Institute have organised and conducted numerous outreach workshops associated with the important pillars of society:

- Hospitals and Medical Colleges
- Indian Army
- J&K Department of Higher Education
- Police Training Academies
- Village and Municipal Administrations in Jammu

Students Development Programmes

- Diploma courses for skill development
- Short-term courses in Entrepreneurship
- Summer Internships at IIT Jammu
- Summer Workshop Programmes created using experiential-learning modules such as reverse engineering

Programmes that amplify faculty roles

- Bi-annual seminar-based Faculty Development Programmes on diverse subjects
- Hands-on STEM-based capacity building training for school teachers organised by IIT Jammu faculty
Life at IIT Jammu

IIT Jammu invites students and faculties from all over India to witness the spirited life at the Institute. The Institute provides a bountiful scope of extracurricular activities for the holistic development of students and encourages them to make the most of their experience on-campus by helping them build essential values and perform while learning at every stage. From workshops, sports and social activities to cultural fests, tech meets, robotics and fun-filled activities — life at IIT Jammu gives every student an opportunity to explore themselves and contribute to the growth of self and others.

Foundation Programme

IIT Jammu’s foundation programme is a plethora of events based on the concept of 3Cs—Creativity, Culture and Communication. Combination of the 3Cs contributes to the complete growth of a student’s character. Especially when creativity is fused with academia, it can make engineering playfully interesting when applied in the real world. When the perspective of creativity and purpose of engineering meet, it solves actual problems in the best way possible. Foundation Programme also inspires learning, initiates a comfortable life of the new batch of students at the Institute and enhances the analytical skills and creative potential of the young students.

Student-Driven & Cultural Clubs

- Coding Club
- SAE Club
- Robotics Club
- Social Welfare Club
- Cultural Club
- Sports Club

Life at IIT Jammu ensures omnidirectional development of IITians and makes each one of them unstoppable in their efforts to pursue their ambitions.
Laying milestones to create the road to success

The fruition of IIT Jammu continues in the accomplishments of the students and the appreciation by the family of IITians. Every member of IIT family is doing their best to make the Institute a ‘gurukul’ where students can find their purpose in the company of experienced mentors, fellow enthusiasts and industry experts.

"The most important part that I found here is the blend of highly experienced faculties and a professional management team. It feels good to be a part of this blooming lifestyle and growing infrastructure.

- Shubham Gaur"

"When we reached IIT Jammu for enrollment our dilemma about Jammu was completely dispelled. The healthy and soothing environment here made us sure that we had chosen the right college for our child.

- Shantanu Singh’s Parents"

Selection in the Google Summer Code 2019

1st position in the coding hackathon at Inter IIT Tech Meet 2018

1st position in Tech2farm event of Mechanica 2018 for creating a weed-removal prototype

1st runner up in online hackathon organized by IIT Bhilai in 2018

Participated in the AI Challenge by Microsoft in 2018 and made it to the top 20 teams all over India

3rd place in Startup Yatra J&K 2018 Challenge for their startup solution to the problem of middlemen in the agricultural sector

“People’s Choice Award for Displaying Team Spirit” in the Bajaj ATVC event in 2019

Won Rs. 1 Lac cash prize at Smart India Hackathon; winners will be representing IIT Jammu in Singapore India Hackathon 2019

1st place in IIT Mandi’s Exodia 2019

A team of 2nd year students fabricated a trolley out of scrap which could sustain a 45+ kg weight and had a working brake system

The words of warmth

"The hardworking and dedicated staff at IIT Jammu made us believe that Jammu is as safe as any other part of the country. We feel satisfied when our son sees it as ‘a home, far from home’.

- Shubham Gaur’s Parents"

"The amount of exposure you get here is the oxygen for survival in real life. We live like a family and the lessons and memories that we all share here are priceless.

- Shantanu Singh"

"Multiple steps are taken by Institute administration to ensure students’ safety on campus. It made us confident of the choice that we made three years back.

- Taijaswini Agarwal’s Parents"

"The facilities at the University is impeccable and the variety of available services has always made me feel much supported.

- Aakar Sharma"

"Indian Institute of Technology Jammu has become successful in establishing its image with respect to an education standard. In a couple of years, IIT Jammu will be seen together in top ten IITs in India.

- Aakar Sharma’s Parents"

"I got a chance to participate in Inter-IIT sports meet which is just like a dream for a first-year student. We get great support from our professors who explain concepts behind each and everything.

- Rishika Jaiswal"

"I reached Jammu to get her enrolled. After seeing everything at IIT Jammu during the enrollment, My nervousness was gone. A year has been completed and I am satisfied with the facilities provided there.

- Rishika Jaiswal’s Parent"