IIT JAMMU

IIT Jammu is recognized as an "Institute of National Importance" under the "Institutes of Technology Act" of 1961. IIT is an autonomous public higher education Institute funded by the Government of India, and functions under the governance of the IIT Council.

The plan to establish IIT Jammu, along with four other IITs in Chhattisgarh, Goa, Andhra Pradesh, and Kerala, was announced by the Hon'ble Finance Minister in the Union Budget 2014-15.

The Indian Institute of Technology Jammu was inaugurated on 6th August 2016, and welcomed the first batch of students into the campus in Paloura, Jammu. In the initial phases, the establishment of IIT Jammu was done under the mentorship of IIT Delhi.

In 2018, IIT Jammu shifted its primary operations to the 400 acres of lush green land in Jagti village, just outside Jammu city, provided by the Government of Jammu and Kashmir for establishing its main campus. Currently, Phase 1A of the main campus, spread across 25 acres, is operational. Phase 1B and 1C are undergoing rapid construction. The main campus of the Institute is located on National Highway–44, 17 km from the Jammu Airport and 19 km from the Jammu Tawi Railway Station.

The campus in Paloura now accommodates PhD scholars. It also houses the high-end research facility: Central Instrumentation Facility (CIF or SAPTARSHI Labs), equipped with highly sophisticated state-of-art instruments to enable researchers in basic sciences and engineering.

Why should you consider IIT Jammu as an institute of MY choice?

Welcome to IIT Jammu!

At the foothills of the Shivalik range of the Himalayas, our campus is spread over approximately 400 acres in Jagti, a forest area near Jammu City at NH 44. Our own Jagti campus, operational from August 2017 (first among younger IITs), is equipped to meet all the needs of the students and faculty with 16 classrooms, 15 laboratories, modern hostel buildings for girls and boys, and sports facilities in the vicinity. All advanced lab equipment with other amenities are available within the campus at Jagti. IIT Jammu has campus-wide ubiquitous Wi-Fi and 1 Gbps internet connectivity. We have a live functional e-Governance (EG) solution for automating our Academics, Students, HR, Accounting, and Procurement. The studio-like 12 hybrid classrooms are functional from 2020 to cater to the needs of online classes without missing a beat. The state-of-the-art High-Performance Computing (HPC) facility, Agastya, became operational in November 2020. To cater to higher-end research equipment, the Central Instrumentation Facility (CIF), Saptarshi, is operational at our Paloura

Campus, Jammu. IIT Jammu is set to create an all-round learning environment that will match the majesty of the Himalayas, the beauty of Kashmir and the serenity of Jammu.

Salient features relevant to prospective students to consider IIT Jammu as an institution of their choice:

2023 has witnessed the fourth graduating B Tech batch with six disciplines, and campus placement for B Tech at the institute level is in excess of 82%. 2023 has also witnessed the third graduating M Tech batch with five disciplines, and campus placements for M Tech are in excess of 93%. Institute is offering Ph.D. in eleven disciplines.

Overall placements have increased to > 85%, with many students going for higher education in leading international and national institutions. Many students received more than one offer.

The current faculty strength is about 130 with a good mix of vibrant young and experienced senior faculty in all disciplines. Our faculty members have been getting several prestigious projects and consultancies of national importance. This exposure helps our students as well.

Jammu has excellent connectivity to other parts of the country by Road, Rail and Air.

Jammu is as safe as any other city in the country minus pollution. Air quality is great due to the surrounding greenery.

Students are going for national and international internships of up to six months under various MoUs, including organizations in Europe, Asia, Australia, etc. Many also receive support ranging from 0.5 - 2 Lakh under different scholarships and incentive schemes.

Students have many career development and professional skill advancement opportunities such as Prep Workshops, Leadership Conclave, Industry Conclave, etc., organized jointly by Institute and Student Body.

Specified entrepreneurial, research and innovation activities are available to students early in their program with the in-house platforms of Tinkering Lab, I2EDC, I3C (a section 8 company), etc. IIT Jammu has created a state-of-the-art Tinkering Lab with generous endowments from Maker Bhawan Foundation (MBF) and UPL.

Students enjoy top-of-the-line GYM activities and Sports facilities and training on campus.

Students are also participating actively in other national and international competitions in Coding, SAE-BAJA, Hackathons, etc.

There are many Student Clubs to promote Creative & Performing Arts, Academics & Science related hobby activities, Well-being of Body & Mind, etc., that are planned and managed by students' elected representatives.

Students actively engage in various Society Give-back & Ek Bharat Shrestha Bharat activities under its well-recognized "Kritash" Club. This club also organizes joint events with other similar bodies Pan-India.

About Jammu

Jammu city, the largest city in the Jammu Division and the winter capital of the UT of Jammu and Kashmir, is situated on the banks of the Tawi river. It is a melting pot of cultures, religions, and ethnicities from all parts of the UTs of J&K and Ladakh and other northwestern states of India. It accommodates a romantic mix of heritage and progress, the old and the new, while providing opportunities for education and work for a diverse population. It is also surrounded by holy sites and mesmerising sights, which the pilgrims/tourists find irresistible.

Despite the confluence of cultures and people it has become home to, Jammu city retains its native cultural hue, past heritage, and distinct cuisine for the ones keen to explore and experience.

Jammu city has been a centre of education for the UTs of J&K and Ladakh. Its temperate climate and politics have attracted youth from these parts for their education right from higher secondary levels and on to higher education opportunities offered by its various

government schools and degree colleges, engineering colleges, and the University of Jammu. Universities like SKUAST-Jammu and Shri Mata Vaishno Devi University, Katra, have students from many parts of the nation pursuing various professional and other degrees.

With the recent establishment of AIIMS Jammu, IIM Jammu, and IIT Jammu, the city is expanding and transforming to be a national hub of education in the northernmost part of the country.

Geographical Facts about the City:

The city spreads around the Tawi river, with the old city overlooking it from the north (right bank), while the new neighbourhoods spread around the river's southern side (left bank).

Lying on the uneven ridges of the low heights of the Shivalik hills, it has an average elevation of 327 m. It is surrounded by the Shivalik range in the north, east, and southeast, while the Trikuta range surrounds it in the northwest.

It is approximately 600 km from the national capital, New Delhi.

ADMINISTRATION

Dr. Sharad Kumar Saraf, **BOG Chairman, IIT Jammu**

BOARD OF GOVERNORS

Name	Designation
Dr. Sharad Kumar Saraf	**Chairman - BoG** Chairman & Managing Director Technocraft Group of Industries, Mumbai
Shri Alok Kumar (IRS) (Ex-Officio)	Nominee of the State Government

Name	Designation
	Secretary to Government, Deptt. of Higher Education,Civil Secretariat Jammu (J&K)
Ms. Saumya Gupta	Council Nominee Joint Secretary [TE] Ministry of Education, New Delhi
Prof. Sudarshan Kumar	Council Nominee Academician Deptt. of Aerospace Engineering,IIT Bombay
Sh. Vikram Shroff	Council Nominee Industrialist Vice Chairman,UPL Group of Companies
Prof. Dinesh K. Gupta	Council Nominee Academician P.L. Tandon Professor in Strategic Management, University Business School Panjab University Chandigarh-160014
Prof. Manoj Singh Gaur, Director IIT Jammu	Member

Name	Designation
Prof. S.N. Singh	Special Invitee
Prof. S.K. Koul	Member
Prof Kannan Iyer	Senate Nominee Dean (Academic Affairs) ,IIT Jammu
Prof Anurag Misra	Senate Nominee Dean (IPM) ,IIT Jammu
Cdr Avinash Barthwal (Retd.), Officiating Registrar	Secretary

DIRECTOR

Manoj Singh Gaur, Director, IIT Jammu

Prof Manoj Singh Gaur has been serving as the founding director of the Indian Institute of Technology Jammu since June 2017 and is also a Professor at the Department of Computer Science & Engineering; he is now in his second term.
Before joining IIT Jammu, he was a Professor and Head of the Department of Computer Science and Engineering at Malaviya National Institute of Technology (MNIT) Jaipur, India. Prof Gaur has also been Dean of Students Affairs and Head of the Central Computer Centre at MNIT Jaipur. He also served as Professor-in-Charge (Coordinator) of IIIT Kota.
In his teaching and research career of almost three decades, he has been an investigator of several funded research projects in Information Security and Networks on Chip. He has been part of the core group of Project ISEA (Information Security Education and Awareness), a major multi-institutional project in the domain of Information Security in India. His current research areas include Computer and Network Security (Network Attack Models and Countermeasures), Mobile Platform Security, and Data Privacy. He has published more than

two hundred papers in reputed journals and conferences, and has supervised twenty-three PhDs to date; currently, he has two research scholars working in his research group.

Prof Gaur is a leading exponent of using technology and automation to enable service delivery at higher education institutes, whether in infrastructure, teaching and learning, or e-governance. Under the leadership of the founding director, IIT Jammu is achieving new milestones in line with its vision and values to create leaders for a better tomorrow.

DEANS

- **Abhay Sharma**
  Dean (Faculty Affairs, Education and Outreach)

- **Anurag Misra**
  Dean (Infrastructure, Planning & Management)

- **Bijoy H Boruah**
  Dean (International Relations)

- **Debapriya Mandal**
  Dean (Research and Consultancy)

- **Goutam Dutta**
  Dean (Strategy and Institute Development)

- **Kannan Iyer**
  Dean (Academic Programs)

- **Meenakshi Rajeev**
  Dean (Digital Infrastructure)
- **Pallippattu K V**
  Dean (Administrative Affairs)

- **Prabhat Munshi**
  Dean (Alumni and Corporate Relations

- **Sartaj Ul Hasan**
  Dean (Student Affairs)

C3I has been set up at IIT Jammu for the smooth functioning of overall design, planning and day-to-day Network and IT Services infrastructure

IIT Jammu uses GSuite for Education for email communication to all its internal users.

IIT Jammu Offers Mailing List services for internal communication of the institute

IIT Jammu started B. Tech. programme in the year 2016 with an initial intake of 30 students each in Computer Science and Engineering, Electrical Engineering and Mechanical Engineering discipline. In the year 2017, B. Tech. in Civil Engineering discipline started with an initial intake of 30 students. In the year 2018, B. Tech. in Chemical Engineering discipline started with an initial intake of 30 students. Starting with the 2019-20 session, B. Tech. in Materials Engineering was added with an initial intake of 30 students. IIT Jammu has updated seat intake in 2021 re-emphasizing our approach to inter-disciplinarity that is deeply rooted in our own Academic structure from 2019. Starting with the 2023-24 session, B. Tech. in Mathematics and Computing is added with an initial intake of 40 students.

Ample opportunities and support is extended to deserving students. IIT Jammu gives full fledged on campus experience.

The admission to UG programme is done through Joint Entrance Examination - Advanced (JEE-Advanced) rank and administered by the Joint Admission Board (JAB) through centralized counseling conducted by **JoSSA** at the all-India level.

UG Programme

The following programmes are offered by IIT Jammu for undergraduate studies.

1. B.Tech. in Chemical Engineering
2. B.Tech. in Civil Engineering
3. B.Tech. in Computer Science and Engineering
4. B.Tech. in Electrical Engineering
5. B.Tech. in Materials Engineering
6. B.Tech. in Mathematics and Computing
7. B.Tech. in Mechanical Engineering

IIT Jammu UG programs include 20% seats (category wise) for IIT Jammu - IIM Jammu dual degree program (four-year B.Tech of IIT Jammu and two-year MBA of IIM Jammu), transition to IIM Jammu MBA to be opted at the end of III Year of the IIT Jammu B.Tech program. The transition to IIM Jammu MBA program is direct without CAT subject to having a minimum CGPA of 7.0 in the B.Tech program. This provision of transitioning to IIM Jammu MBA program has been created in alignment with NEP 2020 emphasizing "inter-disciplinary" and "Inter-institutional" nature in higher education programs. Those not transitioning to the MBA program will get a B.Tech degree on completion of the academic requirements of IIT Jammu.

For any query related to UG admission, please write to us at ugoffice [DOT] acad [AT] iitjammu [DOT] ac [DOT] in

Helpline Number - 0191-2570633

The Department of Mathematics was started in 2016 together with the establishment of IIT Jammu. The vision of the department is to become a centre of excellence in Mathematics

through high quality research and teaching. TeachingThe department is offering various core and elective courses for all B. Tech. streams. Apart from this the department is also offering a minor programme in Mathematics.

The Career and Development Services (CDS) at IIT Jammu has been pushing its limits to bridge the gap
between academia & industry ever since its inception. It is committed to assisting our students with Career
Planning, Career Exploration, Job search strategies, and on-campus and off campus full-time employment,
internships, research projects, and related opportunities. CDS helps students explore such opportunities in
various industries including but not limited to Software development, Core engineering domains, Finance &
Consulting, Analytics & Entrepreneurship. CDS also helps students in guidance & counseling for higher studies.
Top government profiles including civil services preparation with the assistance of experts from their fields who
have undergone similar rigor in their lifetimes.
The CDC conducts various activities to equip the students with communication skills, interview skills, and group
dynamics. Experts from diverse fields conduct sessions with the students that guide them regarding the
multifaceted job requirements.
Students take up summer internships to gain first-hand experience of the professional world after the second
or third year of their bachelor's academic programme and first year of their master's academic programme.
The recruiting firms include Core Engineering Firms, Research Universities, Banks, Consulting and Analytics
firms, FMCG majors and NGOs. These internships prepare the candidates for their future. It aims at building
and sustaining relations with companies, universities and social organizations that wish to recruit students from
IIT Jammu for internships and research opportunities in various companies and universities worldwide. CDS
believes in fostering the experiential and personal growth of each student.

The Centre for Essential Skills at IIT Jammu is dedicated to providing skill-based certification courses. As a part

of its mandate, it offers a diverse range of programs aimed at equipping individuals with practical skills
essential for the modern job market. These courses cover various fields, from technology and business to
creative and vocational skills. The centre's goal is to empower students and professionals with the necessary
expertise to excel in their careers.
Overview

Recently, there has been a lot of emphasis on providing
holistic education to students, and NEP2020 is only an
assertion of this growing realization. It is felt that higher
education must also develop a student's character
besides offering specialization in a domain. Education
must impart values that build intellectual curiosity,
scientific temper and creativity. It must also build
capabilities across various disciplines and skills.
Engineering and sciences education needs to become
more inclusive by having exposure to art and
humanities. Similarly, the students of art and humanities
need to be exposed to science-based courses. The
underlying aim is to have a knowledgeable and vibrant
society. The Centre for Essential Skills (CES) IIT Jammu
provides a range of courses for the students of IIT
Jammu as well as learners of all kinds from wider
society.

Category of Certificate Courses
The Centre for Essential Skills (CES) at IIT Jammu offers a range of certification courses designed to empower
individuals in various aspects of their personal and professional lives. These courses are categorized into four
main areas: Life Skills, Financial Skills, Technical Skills, and Soft Skills.
Life Skills: CES IIT Jammu recognizes the importance of
holistic personal development. Life Skills courses cover
many subjects, including time management, stress
management, communication skills, and emotional
intelligence. These courses aim to enhance an
individual's overall well-being and help them navigate
life's challenges with confidence.
Financial Skills: Financial literacy is a vital aspect of
one's personal and professional growth. CES offers
courses on budgeting, financial planning, investment
strategies, and understanding financial markets. These
skills are crucial for managing personal finances and
making informed financial decisions.

Technical Skills: In today's technology-driven world,
technical competence is highly sought after. CES

provides technical courses on programming languages, software tools, data analysis, and more. These courses cater to both beginners and experienced professionals looking to expand their technical skill set.

Soft Skills: Soft skills are essential in the workplace and personal interactions. CES offers courses on leadership, teamwork, conflict resolution, and effective communication. These skills are invaluable for career progression and building strong interpersonal relationships.

CES IIT Jammu offers courses in different formats, including short courses, typically a few weeks, ideal for those looking to acquire specific skills swiftly. Medium courses provide a more in-depth learning experience, spanning several months and enabling a more comprehensive understanding of the subject matter. Semester-equivalent courses mirror the depth and rigour of a standard academic semester, covering subjects in greater detail.

Additionally, CES IIT Jammu offers minor certifications, which allow participants to build expertise in a specific area while complementing their existing qualifications. This flexibility in course duration ensures that individuals can choose the program that best aligns with their time availability and educational goals, making essential skills accessible to a wide spectrum of learners.

Enrolling in courses at CES IIT Jammu set it apart as an excellent choice for skill development. The most notable advantage is the prestigious certification from IIT Jammu, a globally recognized institution, which adds significant value to one's educational and professional portfolio. The courses are also designed to be accessible through an online platform, accommodating learners from anywhere and providing the flexibility to study at one's own pace. Live classes conducted by specialist instructors ensure a dynamic and engaging learning experience, allowing students to interact with experts in real time and seek clarification on any queries they may have. The guidance of these specialist instructors ensures that learners receive in-depth, up-to-date knowledge and practical insights, making the courses at CES IIT Jammu a smart choice to enhance their skills, knowledge, and career prospects conveniently and prestigiously.

The Central Library at IIT Jammu is a cornerstone of academic excellence and research. With it's carefully curate
collection of books, journals, and digital resources, the library serves as a hub of knowledge and learning. It
provides a serene and conducive environment for students, faculty, and researchers to delve into their studies
and explore new frontiers. The library's dedicated staff is always ready to assist users in finding the resources
they need and navigating the vast information landscape. With its commitment to expanding knowledge and
fostering a love for learning, the Central Library at IIT Jammu is an invaluable asset to the institute's intellectual
community.

Counseling services at IIT Jammu provide support and assistance to students, staff and faculty dealing with

various academic, personal, or emotional challenges. These services are aimed at promoting mental well-
being and helping individuals achieve their goals. The services include one-on-one counseling, group therapy,

workshops, and resources for managing stress, anxiety, and other mental health concerns.

The medical Unit at IIT Jammu is a primary health centre catering to all the basic healthcare needs of its
beneficiaries.

The I2EDC (Institute Innovation and Entrepreneurship Development Centre) has undergone significant
infrastructure improvements, including equipment, facilities, and software systems upgrades, leading to more
complex experiments and more accurate results. This has increased lab usage by researchers and students from
different disciplines, fostering new collaborations and interdisciplinary projects. The lab's reach has expanded,
with more researchers and students from other institutions accessing its resources remotely. The lab has
increased its outreach efforts, hosting webinars, seminars, and workshops to disseminate research findings and
promote collaboration.

The International Relations (IR) Department of IIT Jammu played a pivotal role in solidifying its global
presence. The department signed various MoUs for Faculty and Student exchange and Joint research
activities with International Institutions and Universities. In past one-year agreements were signed with:
The Board of Trustees of the University of Alabama
Natural Sciences University of Bergen
University of Genova
IIT Jammu joined alliances with
Finnish-Indian Finnish Indian Consortia for Research and Education
(FICORE)
SICI (Shastri Indo-Canadian Institute)
Taiwan Education Centre (TEC)

Ministry of Education for the year 2022-23
Directorate of Colleges Union Territory of
Jammu and Kashmir
Central Sanskrit University Jammu
Tribal Affairs Department, J&K
INFLIBNET Centre
NHPC
Cluster University of Jammu
NHAI Udhampur
The International Relation at IIT Jammu embarked on an ambitious initiative to promote the institute on a
global scale. The outreach efforts included targeting various regions, with a focused approach. These
campaigns encompassed online and offline platforms, enabling IIT Jammu to connect with a diverse and
international audience of potential students and collaborators.
A number of students of IIT Jammu visited universities abroad like National Chung Cheng University and
National Taiwan University of Science and Technology for different internships and summer lab.
The department also signed various National MoUs with institutions, industries and govt agencies as
listed below:

Information Technology Department, J and K
Maker Bhavan Foundation
Yes Bank
The Bombay Textile Research Association, Mumbai
Nutoday Pvt Ltd
Times Education and Events Limited
CST Advanced Systems Pvt Ltd

JK Lakshmipat University

In conclusion, the International Relations of IIT Jammu has made substantial progress in facilitating
international collaborations, enhancing global visibility, and promoting the admission of international students
to IIT Jammu. We remain committed to strengthening our international relations and furthering our mission as
a globally recognized centre of excellence in education and research.

IIT Jammu takes great pride in its role as the Regional Coordinating Institute for Unnat Bharat Abhiyan in Jammu, Kashmir, and Ladakh. The team carries IIT Jammu's vision of serving society on its shoulders and works tirelessly throughout the year to give back as much as it can.

Skill Training in Screen Printing on files, bags, stationary etc. in adopted village Panjgrain:
A 10 Day training program in Screen printing started on 28th May 2022 in one of the adopted villages Panjgrain. This program was initiated by Unnat Bharat Abhiyan cell of IIT Jammu in association with National Rural Livelihood Mission (NRLM). The training was imparted with an objective to generate employment for the youth of our adopted village Panjgrain. The UBA team initiated this training program soon after meeting Mr. Suresh Sharma, Chairman Gandhi Sewa Sadan, who assured the team that their organization have the market for screen printing trade.

For the formation of this SHG we have made a mixed SHG, a group of 2 male and 3 female members just to make it sustain, because mixed SHGs have better mobility and it will help them to explore their market and get orders.

We are hopeful that this skill training generated sustainable employment for the willing youth at their doorstep and moreover has ground visibility to build trust where we have the advance market of Gandhi Sewa Sadan and local market too.

Since the third day of their training, the SHG got an order of printing 5500 bags from local NGO's. This order was put forth to them by the network of NRLM and the order was for the occasion of World Environment Day and were to be completed before 6th June 2022. The enthusiasm of the SHG members

can be seen in fig 1.

The UBA team IIT Jammu, the NRLM team and the NGO teams congratulated group on completing the order on time. The training support for completing the order was again given by resource person arranged by UBA cell of IIT Jammu.

Meeting with RuTAG: A meeting was scheduled with Mr. Sumit Kumar, project Assistant, RuTAG IIT Delhi on 13th April 2022 in the office Prof. Rakesh Singhai along with Cooperative representatives from Udhampur with whom RuTAG is already working. This meeting was scheduled with the intension as how the SHGs of UBA adopted villages can be networked and formed in cooperatives for the sale of products.

Visit to Palli village by the UBA Team: A visit to Palli village of block Bari Brahmna of district Samba was scheduled before the visit of honourable Prime Minister to Palli Panchayat to celebrate National Panchayati Raj Day 2022.

The RCI, UBA team of IIT Jammu was intimated about this by Madam Uma Moorthy, Project Manager, Sansad Aadarsh Gram Yojana (SAGY) on her visit to the institution along with the UBA team of Central University and representative of state administration Samba district of Jammu province .

An interactive/counselling session with the students of 9th and 11th standard of Palli panchayat was planned by the local administration, just to make them aware about the ideas of planning future in terms education. The students of 10th and 12th were busy in their board exams.

The session was taken by UBA, RCI coordinator Prof. Rakesh Singhai, UBA, PI Coordinator Dr. Riya Bhowmik and the team. During interactive session the Prof. Singhai told the students, "To dream your future and you should dream big and then follow it" as can be seen in the glimpses of the visit fig 4. He also shared his achievements and made the students comfortable in expressing their future plans. He also mentioned that it you should not always wait for the govt. job but shall try take up small business ventures as well. Most of the students shared that they want to join Army and serve the country.