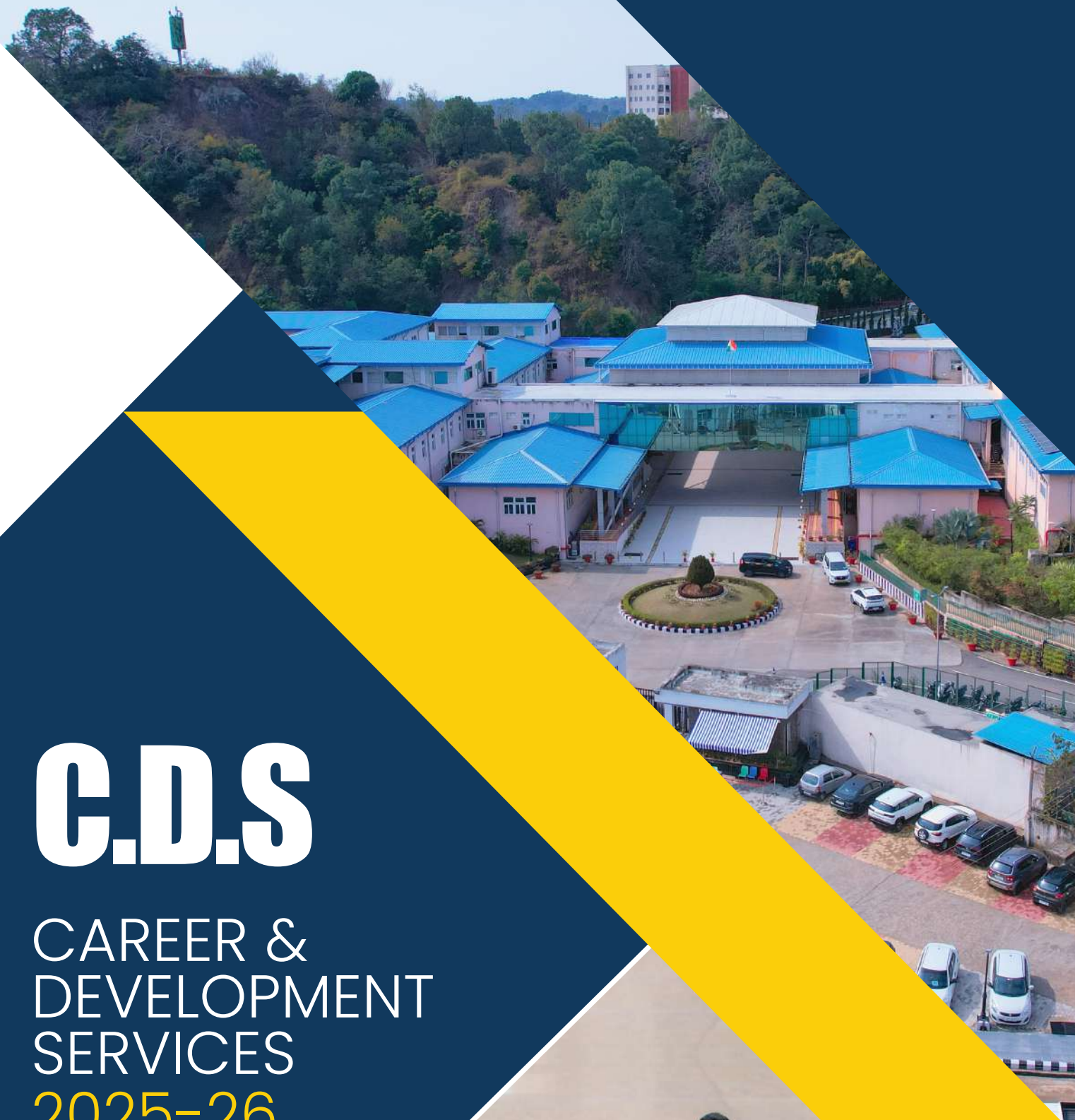
भारतीय प्रौद्योगिकी संस्थान जम्मू
INDIAN INSTITUTE OF TECHNOLOGY JAMMU
विद्यायतं सर्वधन प्रधानम्

Indian Institute of Technology, Jammu NH-44 ,
PO Nagrota, Jagti, Jammu and Kashmir 181221



C.D.S

CAREER & DEVELOPMENT SERVICES 2025-26





62nd

NIRF 2025

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DIRECTOR'S MESSAGE



Dear Recruiters,

IIT Jammu has come a long way since its establishment in 2016, with a clear vision to provide world-class education and foster a research-driven environment. Over the years, the institute has consistently strived to create a nurturing atmosphere where students are encouraged to innovate, think critically, and contribute to the global knowledge pool.
Our commitment to excellence is reflected in the growing industry partnerships, state-of-the-art infrastructure, and a curriculum designed to prepare students for the challenges of tomorrow. As we continue to expand and evolve, we remain focused on providing our students with the knowledge, skills, and experiences that will enable them to thrive in an increasingly dynamic world.

The placement process at IIT Jammu is the culmination of the hard work, dedication, and academic rigor that our students undergo throughout their time here. I encourage prospective recruiters to partner with us and support our journey in shaping the next generation of leaders and innovators. IIT Jammu graduates are not just technically skilled; they are equipped with the creativity, leadership, and problem-solving abilities necessary to make a meaningful impact on the world. We look forward to fostering lasting relationships with the industry and ensuring that our students continue to make valuable contributions to society through their work.

This brochure provides deeper insights into the IIT Jammu family, and we also extend an invitation to engage with our diverse and talented student community. They are eager to interact with you and are committed to exceeding your expectations.

Prof. Manoj Singh Gaur

Director and Professor,
Indian Institute of Technology Jammu

PROFESSOR IN CHARGE'S MESSAGE

Dear Recruiters,

It is my pleasure to welcome you to the IIT Jammu for the academic year 2025-26. Our institution is committed to nurturing students who excel in both academic and extracurricular pursuits, equipping them with the skills and mindset required to thrive in dynamic professional environments.

As the Professor In-Charge, I take great pride in the holistic development of our students, who are not only well-versed in technical expertise but also possessing strong critical thinking, communication, and leadership qualities.

IIT Jammu students are ready to take on real-world challenges and make significant contributions to the organizations they join.

We value our partnership with industry leaders and are excited to present the exceptional talent that IIT Jammu has to offer. We eagerly anticipate collaborating with your esteemed organization to make this year's placement season and future engagements mutually rewarding.

Best wishes for a successful collaboration.



Dr. Vinit Jakhetiya

Professor In Charge,
Associate professor computer science and engineer department,
IIT Jammu

TRAINING & PLACEMENT OFFICER'S MESSAGE

Dear Recruiters,

At IIT Jammu, we take immense pride in the academic excellence and diverse skill sets of our students.

We invite you to explore the potential that our students bring, as they are equipped with the latest knowledge and practical skills across various domains. Our students are not only technically proficient but also demonstrate strong leadership, teamwork, and problem-solving abilities.

We look forward to fostering valuable partnerships with leading organizations like yours and creating opportunities for our students to make impactful contributions. We are confident that IIT Jammu's talent pool will be a perfect fit for your recruitment needs. We hope to have a successful collaboration during this placement season and beyond!



Ms. Ridham Gupta

Training & Placement officer,
Career Development Services,
IIT Jammu



At CDS, we believe careers are built on preparedness, purpose, and passion. We empower students to discover their potential and confidently connect with the world beyond the classroom.

~ Career and Development Services, IIT Jammu



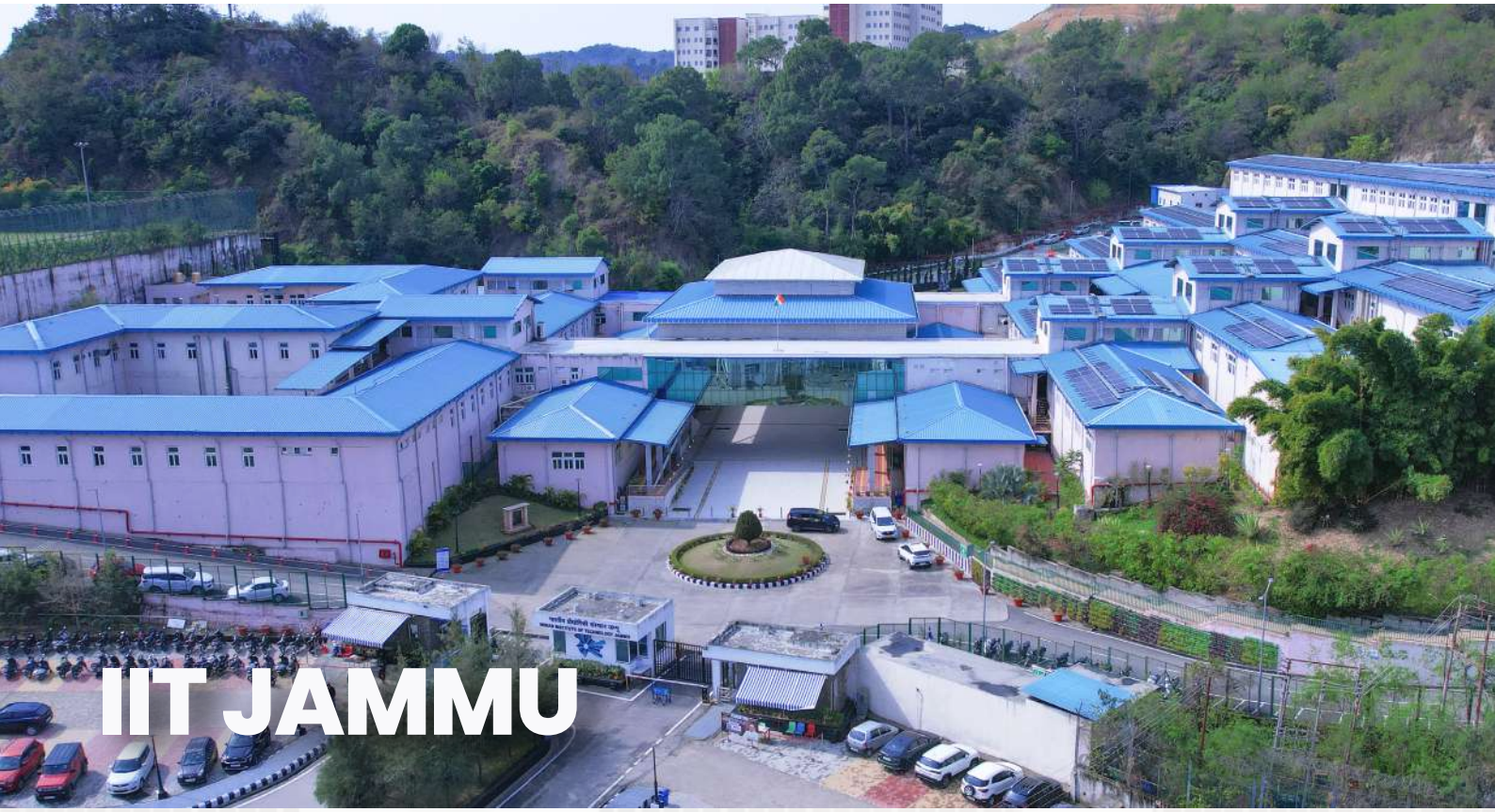
About CDS

The Career and Development Services (CDS) at the Indian Institute of Technology 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 and Entrepreneurship. CDS also helps students in guidance & counselling for higher studies, top government profiles including civil services preparation with the assistance of experts from these fields who have undergone similar rigour in their lifetimes.

The CDS oversees 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/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 organisations that wish to recruit students from IIT Jammu for internships, full-time employment and research opportunities in various companies and universities worldwide. CDS believes in fostering the experiential and personal growth of each student.



About Us

Situated amidst the scenic beauty of Jammu & Kashmir, IIT Jammu is one of the most rapidly growing 3rd Generation IITs, emerging as a distinguished center of excellence in technology, research, and leadership. Established in 2016, the institute is gaining recognition for its academic rigor, industry partnerships, and innovative research.

IIT Jammu is dedicated to providing an enriching academic environment that emphasizes interdisciplinary learning, hands-on experience, and global engagement. With state-of-the-art facilities, esteemed faculty, and industry-aligned programmes, we ensure that our students are equipped with the skills and knowledge to drive meaningful innovation.

Our commitment to excellence, technological interventions, entrepreneurship, and societal impact guides us in nurturing future leaders who are poised to address global challenges and contribute to the advancement of technology and society.

Vision

To create tomorrow's world through technological interventions that are humanistic, creative and futuristic.

Mission

Learn, Engage, Invent, Create Impact

Culture

An institution is known for its unique culture. The salient features of IIT Jammu's culture would be to provide an intellectually stimulating, collaborative and creative work environment which would nurture a behaviour of mutual respect and self-motivation.

Pillars

- Excellence
- Scholarship
- Research
- Innovation

Knowledge Approach

IIT Jammu adopts a comprehensive knowledge approach that blends strong theoretical foundations with practical applications. The curriculum is designed to provide students with a deep understanding of core concepts in their respective disciplines, while also encouraging them to apply their learning through hands-on experience. Our institute adheres to the following key approaches to drive academic and professional excellence.

Project-Based Learning: Students participate in industry-driven projects, fostering practical skills that are crucial for the rapidly evolving global job market.

Research Focus: With an emphasis on applied learning and innovation, IIT Jammu also offers specialized courses in:

- AI & Machine Learning
- VLSI & Embedded Systems
- IoT & Smart Computing
- Advanced Materials & Nanotechnology

Interdisciplinary Learning : The institute encourages interdisciplinary learning, allowing students to broaden their horizons and explore areas beyond their core specialization.

Exposure

IIT Jammu offers extensive exposure to its students through various platforms, ensuring that they are well-equipped to face global challenges and opportunities.

- **Industry Collaborations:** The institute is continuously working on strong industry linkages, offering students opportunities for internships, industrial training, and collaborative research projects with leading companies.
- **National & International Partnerships:** IIT Jammu actively fosters national and international collaborations with industries, universities and research institutions worldwide. This allows students to gain exposure to diverse educational systems, research practices, and cultural perspectives.
- **Guest Lectures and Workshops:** The institute regularly hosts guest lectures, workshops, and seminars by eminent personalities from academia, industry, and the government, ensuring that students are kept updated with the latest trends and developments in their fields.

TRENDING AT



IWSMC 2025

- Innovation meets sustainability.
- Greener construction takes the spotlight.
- Ideas turn into sustainable action.
- The event ends, the mission continues.



Udyamitsav 2025

- Udyamitsav 2025 united founders, experts, and innovators at IIT Jammu.
- A dynamic platform to explore, redefine, and celebrate entrepreneurship.
- Insightful sessions, bold ideas, and future-facing conversations.
- Connecting changemakers to drive real-world startup impact.
- Hosted at IIT Jammu — where innovation meets action.



Competency Development Programme (CDP)

- - IIT Jammu launches Cybersecurity CDP in partnership with NTIPRIT & EC-Council.
- - Six-month program to upskill DoT officers in advanced cybersecurity.
- - Bridging academia and industry to build future-ready cyber leaders.



Pragyaan & Nava Pravartan Expo

- Dr. Jitendra Singh commends India's innovation momentum at IIT Jammu's Pragyaan & Nava Pravartan Expo.
- IIT Jammu's Expo showcases cutting-edge innovation, entrepreneurship, and scientific synergy.

IIT JAMMU



Plasma Exhibition

- IIT Jammu hosts a 5-day interactive Plasma Exhibition in collaboration with IPR & DAE.
- The exhibition offers hands-on experiences in plasma science and technology.
- Students, researchers, and educators explore cutting-edge plasma innovations up close.



Invention Factory 2024

- IIT Bombay & IIT Jammu gear up to celebrate innovation at Invention Factory 2024 finals.
- Future engineers take the spotlight with bold, real-world problem-solving.
- From imagination to invention — student-led innovations are ready to shine.
- Showcasing the next wave of engineering excellence and ingenuity.



ProtoSpace at IIT Jammu

- ProtoSpace at IIT Jammu opens, igniting innovation and hands-on creativity.
- A hub for research, prototyping, and tech-driven problem-solving at IIT Jammu.



EdTech Conclave 2025

- IIT Jammu hosts EdTech Conclave 2025 in collaboration with ICSSR, focusing on tech-enabled learning.
- The conclave sparks discussions on blended learning, digital inclusion, and education policies.
- Centered on NEP 2020, the event explores the future of higher education in India.



IDE Bootcamp

- IIT Jammu's IDE BootCamp empowered innovators with hands-on training in product design, business strategy, and investor pitching.
- The BootCamp transformed ideas into impactful ventures through expert mentorship and practical innovation.

ADMISSION PROCESS

UNDER GRADUATION

- Meet the eligibility criteria
- Qualify in JEE Mains
- Clear JEE Advanced
- Participate in JoSAA Counselling
- Complete the admission process
- Join the institute

POST GRADUATION

- Register on COAP
- Fill out the IIT Jammu application
- Entrance test (if applicable)
- Offer announcement on COAP

Library

A hub of knowledge and innovation, the IIT Jammu library is designed to support future engineers, researchers, and industry leaders. Secured with RFID technology, the library offers a fully automated system using advanced library management software. It houses an extensive collection of 6,000+ printed (hard copies) Indian and foreign books, 13,000+ journals, resources from 30+ publishers, e-books, theses, technical reports, newspapers, and magazines. Seamlessly integrating traditional learning with modern technology, the library provides access to resources such as full-text databases, bibliographic databases, and various research support tools (like Grammarly, Quillbot, etc.), ensuring that students and faculty remain at the forefront of emerging advancements. The institute continually expands its collection, fostering a culture of research, academic excellence, and interdisciplinary collaboration.

Beyond being a resource center, the library serves as a dynamic space for intellectual growth, self-learning, and discussions. It encourages students to explore ideas, collaborate, and develop critical thinking skills necessary to tackle real-world challenges. With a commitment to providing cutting-edge resources and a research-driven environment, the library plays a vital role in shaping well-rounded professionals ready to excel in their respective fields.



Sports



At IIT Jammu, sports are a vital part of student life, promoting teamwork, discipline, and overall well-being. The institute boasts a modern sports complex, gyms, and dedicated grounds for football, cricket, basketball, badminton, squash, and more. With expert coaching and top-tier infrastructure, students hone their skills and compete in intra- and inter-college events, including the prestigious Inter-IIT Sports Meet. Beyond fitness, sports help reduce stress and build resilience, complementing academics to shape well-rounded professionals.

Executive PG Programs

IIT Jammu also offers Executive Postgraduate Programs designed for working professionals to advance their expertise in AI, Cybersecurity, and VLSI Design. These industry-aligned programs integrate live online sessions, hands-on labs, and campus immersion, ensuring a rigorous and application-driven learning experience.

1

M.Tech (Executive) in AI & ML

A two-year, weekend-only online program focused on AI, machine learning, and data science, equipping professionals with industry-relevant expertise.

- **Mode:** Online (Weekend Live Lectures)
- **Eligibility:** B.Tech/BE, MCA, or M.Sc. with 2+ years of experience
- **Selection:** Shortlisting + Written Test/Interview
  Industry Collaboration: Partnered with Intellipaat for content delivery and admissions

2

PG Diploma in Cyber Security (PGDCS)

A 12-month intensive program designed in collaboration with TimesPro, preparing professionals for cybersecurity, ethical hacking, and digital forensics.

- **Mode:** Blended (Live Online + Optional 5-day Campus Immersion)
- **Focus Areas:** Cryptography, AI in Cybersecurity, Threat Intelligence
- **Career Prospects:** Cyber Security Analyst, Ethical Hacker, Security Consultant

3

M.Tech (Executive) in VLSI Design

A two-year hybrid program specializing in semiconductor technologies, AI-driven VLSI, and embedded systems, ideal for careers in chip design and IoT applications.

- **Mode:** Online + Hands-on Labs + Campus Immersion
- **Focus Areas:** CMOS Circuits, AI for VLSI, RF Integrated Circuits
- **Industry-Aligned Curriculum:** Designed for semiconductor and AI-integrated hardware professionals

These programs equip professionals with advanced technical knowledge and industry-ready skills, bridging the gap between academia and real-world applications.

Summer Internship (Rise-Up)

An Undergraduate Program **(RISE-UP)** at IIT Jammu is a prestigious initiative aimed at fostering a strong research culture among undergraduate students. This program provides a unique opportunity for students to work closely with IIT Jammu faculty, gaining hands-on experience in cutting-edge research across various disciplines.
Spanning 6-8 weeks, RISE-UP is open to pre-final year students from non-IIT Jammu institutions, offering structured mentorship, financial support, and hostel accommodation. Through faculty-guided projects, students enhance their technical expertise, problem-solving abilities, and research acumen. Designed to bridge the gap between academic learning and real-world research applications, RISE-UP nurtures young innovators and prepares them for future academic and professional pursuits.



WHY R

NIRF Ranking Excellence

At IIT Jammu, we are committed to delivering exceptional education and fostering a culture of innovation. In our first year of eligibility, we proudly secured the 62nd position in the Engineering Category of the National Institutional Ranking Framework (NIRF), reflecting our excellence in academics, research, infrastructure, and studentexperience.
This achievement reinforces IIT Jammu's position among the top two third-generation IITs and highlights our dedication to nurturing future leaders.

Inter-Disciplinary and Practical Curriculum Approach

IIT Jammu promotes interdisciplinary learning through Product Development Projects, the Institute Incubation and Innovation Council, and the Tinkerer's Lab. These initiatives offer hands-on experience in innovation, enhancing creativity, problem-solving, and teamwork. Industry tie-ups and case studies provide real-world insights, while minors in other departments encourage exploration beyond core subjects. The institute's NIRF rankings reflect its dedication to academic excellence and leadership development.

Student Participation in Hackathons & Competitions

IIT Jammu students consistently shine in national and international competitions, showcasing strong technical and problem-solving skills. In SIH 2024/25, a team secured 1st place at the KIET, Ghaziabad venue. At Invention Factory 2024, teams ranked 1st at IIT Jammu, 2nd at IIT Gandhinagar, and 3rd at IIT Bombay. Students have also excelled in events like Flipkart Grid 3.0, Blockchain Hackathon, HackIISC, and TRYST Auto Bot Challenge. These achievements reflect IIT Jammu's focus on innovation and industry-ready skill development.

Startup Ecosystem

Institute Innovation and Entrepreneurship Development Centre (I2EDC) is the idea factory of IIT Jammu with a mission to create and support innovation, pre-incubation, and entrepreneurship. IIT Jammu Tinkerer's Lab's mission is to generate space where budding brains can learn innovative skills and sculpt their ideas through hands-on practicals, social and cross-cultural collaboration, and ethical leadership.

Top notch faculties

At IIT Jammu, we are privileged to have a faculty comprising accomplished professionals, with 80% of them holding prestigious overseas graduate degrees or postdoctoral experience. Furthermore, our institution benefits from the regular presence of distinguished visiting faculty from renowned IITs, who generously share their invaluable expertise and knowledge with our aspiring students. This combined wealth of expertise nurtures a global perspective and enriches the learning environment for our young minds.

RECRUIT US

- **MoUs and Collaborations**

IIT Jammu has signed MoUs with many international universities for fostering academic collaboration, research partnerships, faculty and student exchanges, and resource sharing. This enhances educational opportunities, promotes cross-cultural understanding, and contributes to the advancement of knowledge on a global scale.

- **Holistic Grooming of Students**

Apart from academics, students participate in various activities, including Inter-IIT Tech Meet, NSS, and other cultural exercises such as social enlightenment, linguistic competence, physical strengthening, and cognitive enhancement. It helps in building skills apart from academics, allowing students to explore their interests, which ultimately broadens their perspectives in their respective domains.



ACADEMIC DISCIPLINES

COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering at IIT Jammu fosters technological innovation and produces skilled engineers equipped to meet modern digital challenges.

Our curriculum integrates AI, Cybersecurity, Data Science, and High-Performance Computing with hands-on learning. Through advanced research facilities, industry projects, and global collaborations, our graduates are well-prepared for careers in top corporations, research institutions, and startups.



HOD'S MESSAGE

As the Head of the Department of Computer Science and Engineering at IIT Jammu, I take pride in presenting our students—future-ready innovators and industry leaders. Our curriculum blends strong theoretical foundations with hands-on expertise in AI, ML, Cybersecurity, Embedded Systems, and Cloud Computing. With their deep knowledge and strong work ethic, our graduates are equipped to make meaningful contributions from day one. We invite you to engage with our talent pool and explore impactful collaborations.

Sincerely,
Dr. Yamuna Prasad
Head of Department, Computer Science and Engineering

LIST OF COURSE OFFERINGS (UG)

UG in Computer Science & Engineering – Core Courses:

- Discrete Mathematical Structures
- Computer Architecture
- Design and Analysis of Algorithms
- Operating Systems
- Database Management Systems
- Computer Networks
- Theory of Automata and Computation
- Machine Learning
- Software Engineering and Design Paradigm
- Artificial Intelligence
- Compiler Design
- Embedded Systems
- Computational Graph Theory
- Cryptography

PG in Computer Science & Engineering – Core Courses:

- Deep Learning
- Distributed Systems
- Parallel Computing
- Natural Language Processing
- Computer Vision
- Quantum Cryptography
- Probability and Statistics
- Linear Algebra/Abstract Algebra
- Design and Analysis of Algorithms
- Pattern Recognition and Machine Learning
- Modern Cryptography
- Bigdata and Large-Scale Computing
- Information Security
- Computational Numerical Methods
- Cyber-Physical System and Internet of Things
- Speech and Audio Processing
- Optimization Techniques
- Computational Number Theory
- Modern Cryptography
- Blockchain and Cryptocurrencies
- Adversarial Machine Learning

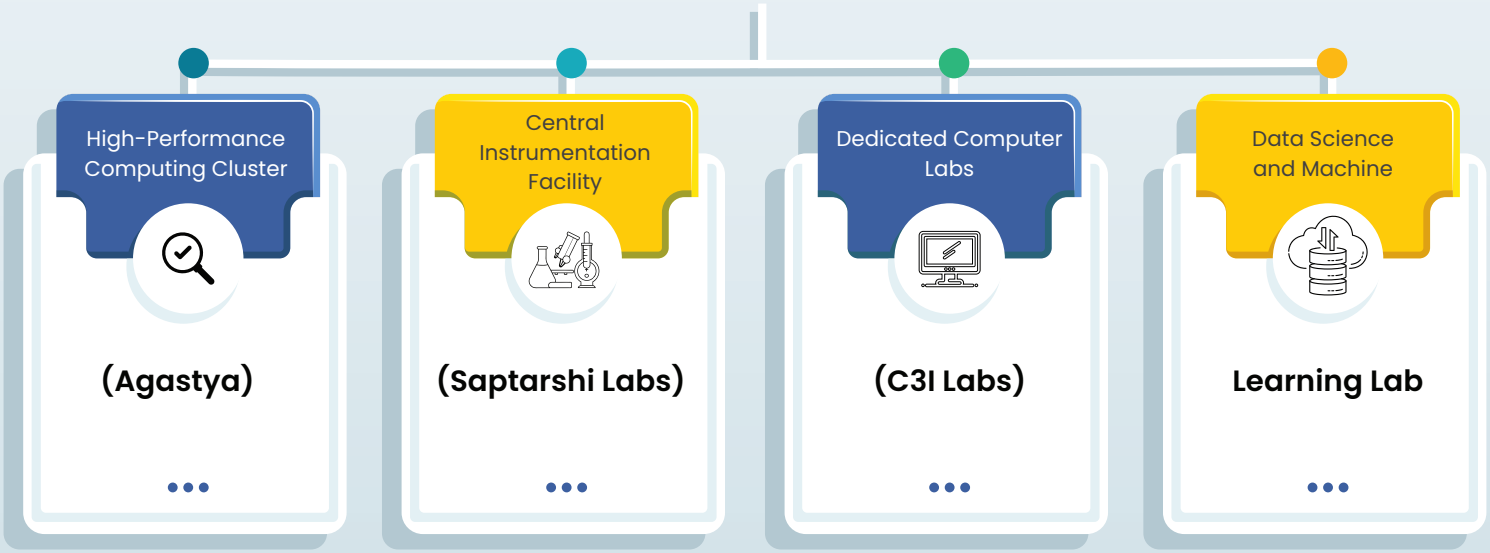
Post-Graduate Specializations:

- Computer Science and Engineering (3 Years)
- Computer Science and Engineering (2 Years)



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:



Key Research Areas

- Artificial Intelligence and Machine Learning
- Theoretical Computer Science
- Information Security and Privacy
- Cryptography
- Systems and Networking
- Hardware-Software Co-design
- Blockchain
- Cyber Security
- Quantum Cryptography
- Distributed Computing

Achievements

- AIR 44 (99.98%) in CAT 2024, securing the best result from IIT Jammu and admission to ISB.
- Silver Medal in ISRO Moon Mapping Problem at Inter IIT Tech Meet 11.0.
- First Prize in Invention Factory 2024 for groundbreaking innovation.
- Won $5,000 cash prize in APTOS Winter School Hackathon (IIT Bombay) for developing "CrysPay" – a decentralized phone number-to-phone number crypto payments protocol.
- Top 20 national ranking in the IndiaAI CyberGuard Hackathon, organized in collaboration with I4C.
- Our team was selected for the Grand Finale of ISRO's Bharatiya Antariksh Hackathon 2024.
- Rank 5 in Contentstack Techsurf 2023 (Among 70,000 participants).
- Flipkart Grid 5.0 Semi-Finalist 2024 (Top 1,600 out of 800,000 participants).
- Second Place in the IEEE ICASSP 2021 Grand Challenge.
- Second Place in the Spacecraft Recognition Leveraging Knowledge of Space Environment (SPARK) Challenge.
- First Prize in the Aadhaar Hackathon.
- First Prize in the Cython National-Level Hackathon.
- Finalist in TechGig Code Gladiators 2023.
- Winner of the TCE Hackathon.
- Research Assistant at Boston College and Yale University.
- Research Student at the University of Pennsylvania.
- Research Intern at the University of Liverpool.
- AI Research Intern at The Captury, Germany.
- Internship at Microsoft and Amazon.
- Internship at K|Lens, Germany, funded by the Indo-German Science & Technology Centre (IGSTC).
- Selected as an Apprentice for the prestigious DESIS Ascend Educare Program 2024 by DE Shaw.
- ISEA-III Research Fellow.
- Publications at top conferences.

MATHEMATICS & COMPUTING ENGINEERING

At the intersection of Mathematics and Computer Science, the Department of Mathematics at IIT Jammu offers a unique B.Tech. program in Mathematics and Computing designed to shape problem-solvers for the digital age. With a focus on algorithmic design, computational modeling, and data-driven decision-making, students are equipped with the analytical skills required in finance, technology, artificial intelligence, and research domains. Our graduates seamlessly transition into careers in top IT firms, R&D centers, and academia, driving breakthroughs in computational sciences.



HOD'S MESSAGE

It is a pleasure to introduce the Department of Mathematics and Computing at IIT Jammu. Our B.Tech programme blends mathematical theory with computational science to develop analytical, industry-ready graduates. With a strong faculty and a balanced curriculum, students gain expertise in algorithm design, machine learning, data analytics, and optimization. We actively seek industry collaborations through internships, placements, and joint initiatives, confident that our students will contribute meaningfully and drive innovation.

Warm regards,
Dr. Prasant Singh
Head of Department, Mathematics and Computing Engineering

LIST OF COURSE OFFERINGS (UG)

UG in Mathematics and Computing Engineering – Core Courses:

- Computer Architecture
- Graph Theory and Combinatorics
- Design Analysis and Algorithms
- Real and Complex Analysis
- Probability and Stochastic Process
- Basic Algebra
- Operating Systems
- Statistical Methods
- Database Management Systems
- Linear Algebra and Applications
- Machine Learning
- Optimization Techniques and Applications
- Cryptography
- Advanced Calculus and Geometry
- Matrix Computations



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

- High-Performance Computing Cluster (Agastya) ...
- Central Instrumentation Facility (Saptarshi Labs) ...
- Dedicated Computer Labs (C3I Labs) ...
- Data Science and Machine Learning Lab ...

Key Research Areas

Commutative and Combinatorial Algebra	Finite Fields and Applications	Numerical Analysis & Partial Differential Equations	Inverse Boundary Problems	Modular Forms
Algebraic Geometry and Geometric Coding Theory	Representation Theory	Cryptology	Parallel and Distributed Algorithms	Database Indexing and Machine Learning
Coding Theory	Functional Analysis	Harmonic Analysis	Number Theory	Queen's Theory

Achievements



- Published over 122 research papers in reputed mathematics journals.
- Secured external research projects worth more than ₹1.5 crore.
- Established collaborations with mathematicians from Europe, America, the Middle East, Canada, and Australia.
- Organized multiple instructional schools and training programs for young mathematicians.
- Hosts a weekly colloquium featuring speakers from India and abroad presenting their research.
- Successfully graduated two PhD scholars, with 19 active PhD students, and several expected to graduate next year.
- Two faculty members, as Co-PIs, secured a UGC-funded project in collaboration with IIT Bombay and Norway for course development and student exchange.

ELECTRICAL ENGINEERING

The Department of Electrical Engineering at IIT Jammu combines core principles with emerging technologies in power systems, electronics, and automation. Supported by advanced labs and industry ties, the curriculum emphasizes hands-on, research-driven learning. Students gain real-world experience through interdisciplinary projects. Graduates pursue impactful careers in electrical engineering, renewables, semiconductors, and automation.



HOD'S MESSAGE

It's my pleasure to welcome you to The Department of Electrical Engineering at IIT Jammu is a center of academic and technological excellence with strengths in VLSI, Signal Processing, Communications, and Power Systems. Our industry-aligned curriculum and hands-on research foster innovation and interdisciplinary skills. Graduates are equipped to address real-world challenges with integrity and professionalism. We look forward to collaborating with your esteemed organization and showcasing our talented students.

Warm regards,
Dr. Ravikant Saini
Head of Department, Electrical Engineering

LIST OF COURSE OFFERINGS (UG)

B.TECH IN ELECTRICAL ENGINEERING: CORE COURSES:

DCs

- Digital Signal Processing
- Digital Communication
- Communication Systems
- Control Systems
- Power Engineering
- Power Electronics
- Electrical Machines
- Analog Electronics
- RF Circuits & Antennas
- Engineering Electromagnetics
- Signals and Systems
- Network Analysis & Synthesis
- Digital Design
- Physical Electronics

DEs

- Machine Intelligence and Signal Analysis
- Deep Learning
- Introduction to Machine Learning
- Wireless Communications
- Information and Coding Theory
- Next Generation Communication Networks
- Smart Grid Technology and its Application
- Statistical Foundations for Machine Learning
- Robotics and Autonomous Systems
- Electric Vehicle Infrastructure
- Introduction to IoT
- Power Electronics Converters for Renewable Energy and Electric Vehicles
- Advanced VLSI Design
- VLSI Technology
- ASIC Design Flow
- Linear System Theory
- Analog Integrated Circuit Design
- Advanced Engineering Electromagnetics
- Microwave and Millimeter Wave Integrated Circuits
- Antenna and Wave Propagation
- Computer Architecture
- Number Theory
- Microelectronics Simulation Lab
- VLSI Circuit Design Lab
- Physics of Transistors
- Control Engineering Laboratory
- Dissertation-II

PG in Electrical Engineering Core Courses:

1. **Digital Communication & Signal Processing**
   - 1.1 Signal Theory
   - 1.2 Digital Communication
   - 1.3 Advanced Digital Signal Processing
   - 1.4 Statistical Signal Processing
   - 1.5 Detection and Estimation Theory
   - 1.6 Information Theory and Coding
2. **VLSI and Embedded Systems**
   - 2.1 Digital VLSI Design
   - 2.2 Advanced Digital System Design
   - 2.3 Low Power Circuit Design
   - 2.4 Analog and Mixed-Signal VLSI Circuits
   - 2.5 Solid State Devices & Microelectronics
   - 2.6 VLSI Technology
   - 2.7 ASIC Design Flow
   - 2.8 Embedded System Design
3. **Machine Learning & AI Applications**
   - 3.1 Machine Learning
   - 3.2 Deep Learning
   - 3.3 ML for MMD
4. **RF and Microwave Engineering**
   - 4.1 RF Systems
   - 4.2 Antenna and Wave Propagation
   - 4.3 Microwave & Millimeter Integrated Circuits
   - 4.4 Microwave Measurements
   - 4.5 Advanced Engineering Electromagnetics
   - 4.6 Computational Electromagnetics
5. **Communication Networks and IoT**
   - 5.1 Communications Networks
   - 5.2 Introduction to Internet of Things
   - 5.3 Cyber-Physical Systems
   - 5.4 Spread Spectrum and Multicarrier Techniques
6. **Semiconductor and Device Physics**
   - 6.1 Physics of Transistors
   - 6.2 Semiconductor Devices for High Frequency
   - 6.3 Test and Verification of SoCs
   - 6.4 Smart Sensors and MEMS Devices
7. **Automation and Robotics**
   - 7.1 Robotics and Automation

Post-Graduate Specializations:

- Communications & Signal Processing
- VLSI Design

RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

- Advanced Digital Signal Processing Lab
- Digital Communication Lab
- RF System Lab
- ASIC Design Flow Lab
- Microelectronics Simulation Lab
- VLSI Circuit Design Lab
- Advance Digital System Design Lab
- Software Tools Lab
- RF Anechoic Chamber Facility for radiation testing, device characterization, & fabrication up to 40 GHz.
- Underwater Acoustic, Audio-Video Sensing & Detection Lab for advanced signal processing applications.
- Advanced AC-DC Hybrid Research Investigation Lab focusing on renewable energy integration and power systems research.

Key Research Areas

Communications	Signal Processing & Instrumentation	RF & Microwave Engineering	Microelectronics & VLSI	Power Engineering
Smart metering, powerline communication, cognitive radio, 5G architecture, and wireless-powered communication.	Underwater signal processing, speech and image processing, machine learning, and medical instrumentation.	Metamaterials, microsatellite antennas, drone detection systems, and computational electromagnetics.	Semiconductor devices, low-power circuit design, hardware security, and VLSI testing.	Microgrid operation, renewable energy integration, and efficient system planning

Achievements

- A team of students and faculty participated with faculty from University of Pennsylvania in the SPARK Challenge held at International Conference on Image Processing (ICIP) 2021 held at Anchorage-Alaska and won Third Position.
- A team of student and faculty participated with faculty from University of Pennsylvania in IEEE ICASSP Grand Challenge 2021and won the Runner-up prize (with prize money of 600 USD), Sponsored by Google.
- PhD scholar grabs the Best Poster Award at IEEE MICROWAVE, ANTENNAS and PROPAGATION CONFERENCE (MAPCON-2023) held during December 11-14, 2023 organized by IEEE AP/ MTT Joint Chapter, Ahmedabad.
- A PhD scholar secured an International Travel Support (ITS) grant from DST SERB, Govt. of India for presenting his paper at EuCAP 2024 held in Glasgow, Scotland from 17th to 22nd March 2024.
- A PhD scholar worked as a visiting researcher at University College Dublin, Ireland.
- Five PhD scholars have been awarded the prestigious Prime Minister's Research Fellowship (PMRF).
- Three out of four PhD graduates from IIT Jammu have been from the Electrical Engineering department.
- The department secured funding of ₹102 lakh from FIST, DST in 2022 for the Interdisciplinary Centre for Secure Cyber-Physical Systems (INCENSE-CPS).
- Established IEEE Student Branch Chapters, including IEEE Microwave Theory and Technology Society (MTTS) SBC and IEEE Antenna and Propagation Society (APS) SBC, actively conducting workshops and training programs.
- Developed research infrastructure with advanced equipment, including National Instruments systems, thermal imaging cameras, FPGA and DSP boards, ARM boards, and handheld vector network analyzers.

MECHANICAL ENGINEERING

The Department of Mechanical Engineering at IIT Jammu blends strong theoretical foundations with hands-on expertise. With advanced labs and research-driven learning, students gain deep knowledge in energy systems, MEMS, microfluidics, and nano-mechanics. Emphasizing industrial applications, the program prepares graduates for impactful roles in automotive, aerospace, robotics, and advanced manufacturing.



HOD'S MESSAGE

We are pleased to invite you to participate in the Placement and Internship Session for the academic year 2025–26. As a founding department of IIT Jammu, we offer strong academic programs—B.Tech, M.Tech, and Ph.D.—designed to produce future-ready engineers. Our students are trained in state-of-the-art labs covering areas like mechanical design, advanced manufacturing, thermal sciences, and energy systems. Alongside technical expertise, we instill critical thinking, adaptability, and professional ethics. Whether you're a returning recruiter or joining us for the first time, we're confident you'll find our students well-prepared and impactful.

Regards,
Dr. Satya Sekhar Bhogilla
Head of Department, Mechanical Engineering

LIST OF COURSE OFFERINGS (UG)

UG in Mechanical Engineering – Core Courses:

- Engineering Thermodynamics
- Mechanics of Solids Engineering
- Fluid Mechanics
- Machine Design
- Energy System Technology
- Kinematics and Dynamics of Machines
- Heat Transfer
- Manufacturing System Design
- Mechanical Vibration
- Computational Fluid Dynamics and Heat Transfer
- Composite Materials and Design Fracture Mechanics Experimental Stress
- Manufacturing Process
- Numerical Methods
- Additive Manufacturing
- Mechatronics
- Control Engineering
- Operations Research

PG in Mechanical Engineering – Core Courses:

- Advanced Heat & Mass Transfer
- Numerical Methods In Engineering
- Advanced Energy & Momentum Transfer
- Non-Conventional Source of Energy
- Computational Fluid Dynamics & Heat Energy
- Two Phase Flow and Heat Transfer
- Non-Destructive Testing
- Instabilities and Turbulence in Fluid Flows
- Convective Heat Transfer
- Physics of Nuclear Reactors

Post-Graduate Specializations:

- Thermal and Energy Systems Engineering



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

Fluid Mechanics Lab	Control Engineering Lab	Kinematics & Dynamics of Machines Lab	Heat and Mass Transfer Lab
Energy Systems Lab	Solid Mechanics Lab	Manufacturing Lab	Additive Manufacturing
Laser Surface Processing	Autoclave System	Thermal Conductivity Analyzer	Heat Transfer Efficiency Enhancement Test Facility
Screw and Reciprocating Compressor System with 8 m^3 Storage Tanks	High-Pressure Combustor Test Rigs (20 bar, 600 K)	Gas Turbine Engine Test Facility with Multiple Rigs	Low-Speed PIV
Shadowgraphy Setup	Research Flow Diagnostic Items	Mach 2.2 Supersonic Wind Tunnel	Spray Diagnostics Test Rigs

Key Research Areas

Additive Manufacturing of Advanced Materials, Functionally Graded Materials, and Composite Materials	3D Bioprinting and Smart Alloys Fabrication	Robotics and Automation in Engineering Applications	Fluid Mechanics, Heat and Mass Transfer	Enhancement of HVAC Systems and Thermal Management
Hydrogen Energy, Fuel Cells, and Renewable Energy Systems	Polymer Composites: Design, Manufacturing, and Applications	Fatigue Analysis, Phase Field Method, XFEM, and Autofrettage	Artificial Intelligence Applications in Manufacturing and Process Optimization	Micro/Nano Manufacturing, Machining, and Stretchable Sensor Fabrication
Thermal Hydraulics in Nuclear Reactors and Reactor Kinetics	Nuclear Science and Engineering with a Focus on Safety and Efficiency	Turbulence, Compressible Fluid Flows, and Multiphase Flow Dynamics	Atomization, Spray Dynamics, and Fuel Injection Technologies	Computational Fluid Dynamics and Application of Tomography in NDT

Achievements

- Machfly Aerospace (SAP), a start-up under the Mechanical Department, received the DRDO Innovation Award from Defence Minister Rajnath Singh.
- Team SAP Aerospace ranked among the top seven national winners in the Boeing Build Innovation Challenge and Leadership 2.0.
- Team Dynamatrix won first prize in Smart India Hackathon 2022 (Hardware Edition) for developing the Smart Knee Bracer prototype.
- Two UG students secured second runner-up at Invention Factory 2023 (IIT Gandhinagar) for developing an add-on helmet with inflatable neck airbags.
- A research scholar won the Best Poster Award (Asia-Japan region) at ICONE31, recognized among the top 20 papers by the EU.
- Team Award.
- A UG student represented IIT Jammu as the first author at IAA 2023 Region VII Student Conference at the University of South Wales, Australia.
- Presented and published four research papers at the ASME GTIndia 2023 conference in Bangalore.
- Faculty members serve as Visiting Research Professors in Taiwan, Germany, Japan, and Canada, contributing to global research.
- Faculty members contributed to academia, including publishing the book "Digital Design and Manufacturing of Medical Devices and Systems."
- Students have been awarded prestigious scholarships, including DAAD and TIH-IoT Chanakya Fellowship.

CHEMICAL ENGINEERING

The Chemical Engineering Department at IIT Jammu prepares industry-ready professionals through a robust curriculum and cutting-edge research. With expert faculty and advanced labs, students gain strong foundations in mass transfer, heat transfer, and thermodynamics. Industry collaborations offer real-world exposure and hands-on experience. Graduates thrive in chemical industries, energy, process engineering, and sustainable technologies.



HOD'S MESSAGE

The Department of Chemical Engineering at IIT Jammu cultivates industry-ready professionals through a blend of strong theoretical foundations and hands-on learning. Guided by expert faculty, students engage in research across energy storage, biomedical devices, catalysis, and process modeling. With access to modern labs and a collaborative environment, they are equipped to solve real-world challenges in sustainability and healthcare. Their analytical thinking, problem-solving skills, and adaptability make them valuable assets to any organization. We welcome you to explore the talent at IIT Jammu.

Sincerely,
Dr. Ravi Kumar Arun
Head of Department, Chemical Engineering

LIST OF COURSE OFFERINGS (UG)

UG in Chemical Engineering – Core Courses:

- Chemical and Process Engineering Calculations
- Chemical Engineering Thermodynamics
- Fluid Flow and Mechanical Operations
- Heat Transfer
- Mass Transfer
- Chemical Reaction Engineering
- Chemical Process Technology
- Industrial Separations and Reactors
- Process, Product, and Plant Design
- Fluid Flow and Mechanical Operations Lab
- Heat Transfer and Thermodynamics Lab
- Separation Processes and Reaction Engineering Lab
- Process Instrumentation, Dynamics, and Controls Lab
- Process Modeling and Simulation Lab

UG in Chemical Engineering – Elective Courses:

- Industrial and Cost Engineering
- Bioprocess Engineering
- Biological Thermodynamics and Bioseparations
- Environmental Biotechnology
- Biomass Conversion and Utilization
- Food Preservation and Packaging
- Advanced Chemical Engineering Thermodynamics
- Applications of Computational Fluid Dynamics in Chemical Engineering
- Basic Transport Phenomena in Biology
- Biochemical Engineering
- Biosensors
- Corrosion Engineering
- Experimental Methods in Thermal and Fluid Sciences
- Hazards and Safety in Process Industries
- Introduction to Complex Fluids
- Introduction to Microfluidics and Applications
- Multiphase Flow Dynamics
- Nanomaterials: Synthesis, Characterization, and Applications
- Petroleum Refinery and Petrochemicals
- Process Intensification
- Software Tools

Post-Graduate Specializations:

- Sustainable Energy Engineering



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

- Heat Transfer & Thermodynamics Laboratory
- Process Modelling & Simulation Lab
- Separation Processes & Reaction Engineering Lab
- Control Engineering Lab
- Fluid Flow & Mechanical Operations Laboratory
- Process Instrumentation Dynamics & Control Lab
- Process Intensification and Nanoscale Advanced Materials
- Microfluidics and Energy Systems Lab
- Microfluidics Design and Bioengineering Lab

Key Research Areas

- Process Intensification
- Environmental Engineering
- Food Engineering
- Plasmonics
- Nanotechnology
- Process Design and Scale-up
- Multiphase Reactors
- Computational Fluid Dynamics (CFD)
- Machine Learning
- Process Design
- Petroleum Refining
- Non-continuum Energy and Mass Diffusion Studies

Achievements



- Chemical Engineering students won the Smart India Hackathon 2024 - Hardware Edition Finale at KIET Group of Institutions.
- Mr. Natish Kumar and Ms. Monika Kumari received the GYTI Award 2023 for developing a portable microfluidic device for detecting infectious diseases.
- Mr. Bharath P received the APA Wisdom Award at the Asian Polymer Association conference in Jaipur (Oct 16-18, 2024).
- Mr. Dhakane Vishal won the Best Paper Award at IIChE CHEMCON 2023 for research on DNN-CFD modeling of a slurry bubble column reactor.
- Ms. Monika Kumari received SERB financial assistance to attend the NanoBioTech-Montreux Conference 2024 in Switzerland.
- IIT Jammu MES Lab Team won First Prize at Inno Spark for their innovative project.
- Ms. Upasana Gupta was awarded financial assistance by ANRF to support her research.

CIVIL ENGINEERING

The Department of Civil Engineering at IIT Jammu equips students to tackle modern infrastructure, sustainability, and urban development challenges. With an industry-aligned curriculum, the programme offers in-depth training in structural, geotechnical, transportation, and environmental engineering. Students gain hands-on experience with advanced tools like Plaxis, Abaqus, AutoCAD, Staad Pro, and Revit. The department blends academic rigor with practical exposure, preparing graduates for impactful roles in research, industry, and smart city innovation.



HOD'S MESSAGE

As Head of the Civil Engineering Department at IIT Jammu, I am proud to present a pool of highly skilled, industry-ready engineers. Our students are trained rigorously in core domains like structural, geotechnical, transportation, water resources, and environmental engineering, supported by advanced labs and expert faculty. With strong industry exposure and hands-on projects, they develop practical problem-solving abilities. Our graduates combine technical excellence with an innovative mindset, making them well-prepared to contribute to infrastructure development and sustainability goals.

Best regards,
Dr. Surendra Beniwal
Head of Department, Civil Engineering

LIST OF COURSE OFFERINGS (UG)

UG in Civil Engineering – Core Courses:

- Engineering and Solid Mechanics
- Structural Analysis
- Steel, Reinforced and Prestressed Concrete Structures
- Design of Bridge Structures
- Structural Dynamics and Earthquake Resistant Design
- Geotechnical and Foundation Engineering
- Transportation, Highway and Railway Engineering
- Environment, Ecology and Waste Management
- Fluid Mechanics, Hydrology and Water Resources
- Surveying Practices
- Construction Management
- CAD and Product Visualization

PG in Civil Engineering – Core Courses:

- Design of Tunnels and Support Systems
- Tunnel Excavation Methods and Philosophies
- Monitoring and Maintainance of Tuninels
- Engineering Geology and Rock Mechanics
- Finite Element Analycis
- Continuum Mechanics
- nelytical Creomechenis
- Fracture Mechanics
- Advanced Design of Steel Structures
- Advanced Design of Concrete Structures
- Bridge Engineering
- Design of Prestressed Structures
- Earthquake Engineering
- Design of Rigid Pavement

Post-Graduate Specializations:

- Tunnel Engineering
- Structural Engineering



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

Geotech
- Soil Lab
- Rock Mechanics Lab

Structure & Concrete
- NDT & SHM Lab
- Concrete Technology Lab
- Structural Eng Lab
- Structural Dynamics Lab

Transportation
- Materials & Pavement Lab
- Traffic Studies Lab

Geomatics

Water Resources

Environment

Key Research Areas

Concrete and Material Engineering	Earthquake Resistant Infrastructure	Structural NDT, Health Assessment and Retrofitting	Numerical Modeling and Simulation	Tunneling and Geotechnical Effects
Water Management, Environmental Biotechnology	Glaciers, Avalanche Monitoring, Debris Flow Warning	Landslides & Rockfalls, Rock Fracture, Geosynthetics	River Dynamics, Flood Management, Smart Water Solutions	Pavements & Forensics, Transportation & Road Safety

Achievements



- First prize in the Inter IIT Tech Meet 2023.
- Three Civil Engineering students have been awarded the prestigious Prime Minister Research Fellowship.
- Secured 5th position in the previous concrete making competition under Akaar, organized by IIT Bombay.
- A team from IIT Jammu ranked 2nd in the Meshmerize competition at Jaipur zonals of IIT Bombay Techfest.
- Workshop held at IIT Jammu on "Naturalistic Driving Studies: Progress and Prospects"- A workshop in collaboration with CRRI, Uni Liverpool, IITH, JKSTIC, NHAI
- Residential Training Program on Water Quality Monitoring Training in collaboration with Central Pollution Control Board
- IIT Jammu got 2nd Place in Civil Conclave 2025 held by IIT Roorkee

MATERIALS ENGINEERING

The Department of Materials Engineering at IIT Jammu leads in education and research across metals, ceramics, polymers, biomaterials, and nanomaterials. The curriculum emphasizes material design, synthesis, and processing, supported by hands-on training in advanced labs. Students engage in cutting-edge research on energy storage, 2D nanomaterials, and thin-film coatings. Internships at premier institutes like NML-CSIR, DMRL, and NAL further enhance practical exposure. Graduates are well-prepared for roles in advanced manufacturing, materials science, and R&D-driven industries.



HOD'S MESSAGE

Welcome to the Department of Materials Engineering at IIT Jammu. Our graduates are equipped with a strong foundation in materials science, hands-on research experience, and exposure to emerging technologies. The curriculum emphasizes innovation and industry-relevant skills, preparing students to tackle real-world challenges. With practical training and internships, they develop a problem-solving mindset and technical proficiency. We are proud to present a talented pool of graduates ready to make meaningful contributions to your organization. Thank you for considering them for placement opportunities.

Sincerely,
Dr. Rani Rohini
Head of Department, Materials Engineering

LIST OF COURSE OFFERINGS (UG, PH.D.)

UG in Materials Engineering – Core Courses

- Engineering Ceramics
- Characterization of Materials
- Thermodynamics of Materials
- Industrial Materials Processing
- Mechanical Behaviour of Materials
- Phase Transformation in Materials
- Fundamentals of Metal Extraction
- Engineering Fundamentals of Polymers
- Transport Phenomena in Materials Engineering
- Integrated Computational Materials Engineering
- Advanced Alloys
- Rheology of Complex Fluids
- Functional Materials for Energy Applications
- Emerging Technologies in Material Processing
- Polymer Physics

Ph.D. in Materials Engineering – Core Research Areas

- Crystal Plasticity and Phase Field Modeling
- Corrosion Characteristics and Coatings
- High-Temperature Structural Ceramics
- Metal Extraction and Process Metallurgy
- Materials for Energy and Hydrogen Storage
- Smart Materials and Shape Memory Alloys
- Polymer Nanocomposites and Technical Textiles
- Computational Microstructural Design and Simulation
- Rare-Earth High Entropy Ceramics for Thermal Applications
- Ultra-High Temperature Ceramic (UHTC) Composites and Sintering
- Materials for Biomedical Applications (Wound Care & Drug Delivery)
- Conducting Polymers for Semiconductor Applications
- 2D Nanomaterials-Based Thermal Management Materials
- Functionalization of PAN as Precursor for Carbon Fiber
- Polymer-Based Transparent Coating for Aircraft Applications



Research Facilities Available at IIT Jammu
(Materials Engineering Department)

Top 15 Research Facilities
(Department + Central Instrumentation Facility)

- Universal Testing Machine (UTM)
- Ball Milling
- Hardness Tester
- Optical Microscope
- Induction Melting Unit
- Arc Melting-Suction Cast Unit
- FE-SEM (Field Emission Scanning Electron Microscope) JEOL
- HR-TEM (High-Resolution Transmission Electron Microscope) JEOL
- Raman Spectroscopy (Renishaw)
- LFA (Laser Flash Analysis) Netzsch 467 HyperFlash
- PXRD (X-ray Diffraction)
- Confocal Raman Microscope (Olympus DS X1000)
- AFM (Atomic Force Microscope) Oxford Instruments
- FTIR (Fourier Transform Infrared Spectroscopy) ThermoScientific
- UV-VIS-NIR (Ultraviolet-Visible Spectroscopy) Agilent Cary-5000

Top Research Areas

- Biomaterials
- Steel Making
- 2D Nanomaterials
- Thin Film Coating
- Shape-Memory Alloys
- Process Metallurgy
- Polymer Nano-composites
- Alloy Development and Design
- Hybrid Carbon Fiber Composite
- Hydrogen Storage Materials
- Bulk Metallic Glass Design
- Structural & Functional Ceramic
- Optically Induced Smart Materials System
- Rare-Earth Ceramics for Functional Applications
- Computational-Based Microstructural Design & Simulation

Achievements

- Team SAP Aerospace secured a top-seven national position in the Boeing Build Innovation Challenge, winning ₹10 lakh.
- Team Dynamatrix won first prize in the Smart India Hackathon.
- IIT Jammu ranked third in the Meshmerize competition at IIT Bombay Techfest (Bhopal zonals).
- Hosted the KC 75 International Conference, bringing together global experts in materials science.
- Organized the Materials Symposium on emerging trends and innovations in materials research.
- Upgraded research infrastructure with a Rapid Annealing Furnace, Melt Spinning Furnace, Spin Coating Unit, & Muffle Furnace.
- Developed a mathematical model for DR-based alternative iron-making processes.
- Researched Ti-Si-C-B-based ultrahigh-temperature ceramic composites using polymer-derived ceramics.
- Advanced multicomponent higher-order eutectic-based energy storage materials.
- Conducted a seminar on Thermal Analysis of Materials for advanced material property studies.
- Hosted the Bureau of Indian Standards (BIS) Metallurgy Group Meeting on standardization and quality control.

PHYSICS

The Department of Physics at IIT Jammu is a hub for academic excellence and advanced research in both fundamental and applied physics. Since its establishment in 2016, the department has played a pivotal role in training scientists and engineers through its rigorous undergraduate, postgraduate, and Ph.D. programs. The introduction of the Integrated Ph.D. & MS Research program and specialized postgraduate courses reflects our commitment to cutting-edge education. With world-class research facilities and an interdisciplinary approach, students are equipped with the skills to excel in academia, industry, and technology-driven fields.



HOD'S MESSAGE

At the Department of Physics, IIT Jammu, we focus on academic excellence and research in areas like condensed matter, quantum technologies, biophysics, plasma physics, and energy harvesting. With strong theoretical and experimental training supported by advanced labs, our students are well-equipped to tackle complex scientific challenges. Our graduates excel in analytical and problem-solving skills, making them valuable for academia, research, and industry. We invite recruiters to connect with our talented students and collaborate in advancing science and technology.

Regards,
Dr. Venkata Sathish Akella
Head of Department, Physics

LIST OF COURSE OFFERINGS (M.SC)

M.Sc in Physics – Core Courses:

- Quantum Mechanics
- Classical Mechanics
- Electromagnetic Theory
- Thermodynamics and Equilibrium Statistical Mechanics
- Introduction to Computer Programming and Data Analysis
- Numerical Methods and Computational Physics
- Condensed Matter Physics
- Electronics
- Mathematical Physics
- Spectroscopy and Analysis
- Nuclear and Particle Physics



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

General Physics Lab

Advanced Physics Lab



Key Research Areas

- Electrochemical Energy Storage Devices, Ultracapacitor, Nanoporous Material
- Solar Cells, Photodetectors, Resistive Switching Memory
- Dynamical Behaviour of Plasma, Transport in Strongly Coupled Plasmas
- Device Physics, Photonics, Spectroscopy
- Soft Matter Physics, Interfacial phenomena, Active matter (Experimental and Computational)
- Nanoplasmonics and Hyperbolic Metamaterials
- First-principles Quantum Theory of Advanced Functional Materials
- Open Quantum Systems, Quantum Measurements, Non-Hermitian Physics, Quantum Error Correction
- Hyperbolic Metamaterial Applications, Single Plasmonic Nanoparticle Spectroscopy and Nonlinear Optics of Nanomaterials
- Cloaking/Invisibility, Frequency Selective Surfaces, Transformation Optics, Antennas, Metamaterials
- Metal ion batteries and Ultra Capacitor with electrochemical energy storage

Achievements

- A student won the Best Poster Award at FCASI-2023, sponsored by the American Chemical Society.
- A student received acclaim for their poster at the Indo-French Conference FCSB-2024, recognized by the Royal Society of Chemistry.

CHEMISTRY

The Department of Chemistry at IIT Jammu provides a strong scientific foundation for engineering, combining theoretical learning with hands-on lab experience. With advanced facilities and research-led teaching, it focuses on materials science, nanotechnology, and sustainable chemistry. Students are prepared for careers in research, industry, and academia. The department fosters innovation and scientific advancement.



HOD'S MESSAGE

Welcome to the Department of Chemistry at IIT Jammu, a young and rapidly growing hub of academic excellence and cutting-edge research in synthetic, computational, physical, and materials chemistry. Our state-of-the-art facilities, including the SAPTARSHI lab, support a vibrant interdisciplinary environment fostering innovation and practical problem-solving. We proudly nurture motivated graduates ready to excel in industry, research, and academia. We invite recruiters to connect with us to discover talent that drives innovation and meaningful collaborations.

Regards,
Dr. Guru Brahman Ramani
Head of Department, Chemistry

LIST OF COURSE OFFERINGS (M.SC, PHD)

M.Sc in Chemistry – Core Courses:

- Quantum Chemistry and Mathematics for Chemists
- Physical Organic Chemistry and Stereochemistry
- Coordination Chemistry
- Spectroscopic Characterization of Inorganic Compounds and Organic Compounds
- Group Theory: Basics and Applications
- Organometallics and Catalysis
- Contemporary Organic Synthesis
- Biocatalysis and Metalloproteins
- Chemical Kinetics and Thermodynamics
- Instrumental Methods of Analysis
- Problem solving approach for Organic Compounds

PhD in Chemistry – Core Courses:

- Asymmetric Organocatalysis
- Advanced Transition Metal Chemistry: Bioinorganic and Organometallic Catalysis
- Medicinal Chemistry & Drug Discovery
- Advanced Organic Synthesis: Named Reactions & Applications
- Functional Nano Porous Materials towards Sustainable Applications
- Practical Applications of Density Functional Theory in Optoelectronics
- Cheminformatics and Molecular Modelling
- Software Tools in Chemistry
- Introduction to Fundamental and Applied Chemistry



RESEARCH FACILITIES AVAILABLE AT IIT JAMMU

Top Research Facilities:

- General Chemistry Laboratory
- Physical Chemistry Laboratory
- Organic Chemistry Laboratory
- Inorganic Chemistry Laboratory
- Central Instrumentation Facility (Saptarshi Labs)

Key Research Areas

- Asymmetric Organocatalysis
- Renewable Energy
- Drug Discovery
- Material Chemistry
- Small Molecule Activation
- Photoredox Catalysis
- Metal organic framework

Achievements

- The Department of Chemistry secured 25th place in the Nature Index ranking for research impact.
- Dr. Pankaj Chauhan received the Indian National Science Academy (INSA) Young Associate Award 2024.
- The department participated in the Japan Science and Technology - Sakura Science Program (JST-SSP) Exchange Programme 2024.
- Faculty members earned recognition from INYAS-INSA and ACS for early-career research contributions.
- Dr. Tamanna (PhD 2019-2024) was awarded the NPDF Fellowship at IISER Mohali.
- Dr. Neha Rani (PhD 2018-2023) secured a postdoctoral position at Wayne State University, USA.
- Dr. Yaseen Hussain (PhD 2019-2024) secured a postdoctoral position at RWTH AROhen University, Germany.
- Dr. Bappaditya Goswami secured a postdoctoral position at the University of Rochester, USA.
- MSc student Sourav Jana secured a doctoral position at McGill University, Canada.
- MSc student Sovan Sundar joined BARC as Scientific Assistant C.
- MSc student Athira K secured a JRF position at the University of Hyderabad.
- Eight MSc students qualified for GATE 2024, and one student qualified for NET 2024.
- Chemistry research scholars won Best Poster Awards at conferences hosted by IIT Kharagpur, BITS Pilani, IIT Mandi, University of Hyderabad, Central University of Rajasthan, and Jammu Central University.
- The department received research grants worth ₹1.83 crore from SERB-DST, CSIR-EMR, and JK Science and Technology Innovation Council.
- MSc students secured internships at DRDO (INMAS), IIT Delhi, IISER Kolkata, and NIT Calicut in 2023.



NATIONAL & INTERNATIONAL COLLABORATIONS

IIT Jammu fosters national and international collaborations to enhance academic and research excellence. Through strategic partnerships with esteemed institutions worldwide, the institute promotes cross-border knowledge exchange, joint research, and academic mobility. The International Relations Office facilitates global engagement, enabling students and faculty to participate in exchange programs, conferences, and collaborative research projects.

The university has established research partnerships in over 18 countries, hosting distinguished scholars and fostering academic cooperation. With more than 12 Memorandums of Understanding (MoUs) signed with leading global institutions such as Universidade Federal De Goiás-Brazil, Norwegian University of Science and Technology (NTNU), Chang Gung University Taiwan, University of Calabria, Italy, and Deutscher Akademischer Austauschdienst, IIT Jammu aims to expand its network to 30 collaborations. These partnerships drive impactful teaching and research initiatives, supporting interdisciplinary projects and cutting-edge innovations.

Additionally, IIT Jammu participates in global initiatives like Study in India (SII), Indian Council for Cultural Relations (ICCR), and ASEAN-INDIA. These collaborations equip students with international exposure and cross-cultural competencies, preparing them for globally connected careers.

Alliances

FICORE
Finnish Indian Consortia for Research and Education

TU9
GERMAN UNIVERSITIES OF TECHNOLOGY

L'INSTITUT INDO-CANADIEN SHASTRI INDO-CANADIAN INSTITUTE

DAAD
Deutscher Akademischer Austauschdienst
German Academic Exchange Service

TAIWAN EDUCATION CENTER India

FOREIGN LANGUAGES OFFERED:

1. **German:** Willkommen bei IIT Jammu
2. **French:** Bienvenue à IIT Jammu
3. **Japanese:** IIT ジャンムーへようこそ
4. **Mandarin Chinese:** Huānyíng lái dào IIT Chá mó





IIT JAMMU
MoUs
With

YORK UNIVERSITÉ UNIVERSITY

Loughborough University

BORDEAUX INP

UNIVERSITY OF BIRMINGHAM

NTNU
Norwegian University of Science and Technology

RIT
Rochester Institute of Technology

Newcastle University

東京大学
THE UNIVERSITY OF TOKYO

UKRI Natural Environment Research Council

SHRAMAN
SHRAMAN FOUNDATION

UNIVERSITAS BERGENSIS

UNIVERSITY OF LONDON

THE UNIVERSITY OF ALABAMA

Royal University of Bhutan

UNIVERSITÀ DEGLI STUDI DI GENOVA

INGENIO ET LABORE

BERGAKADEMIE FREIBERG
TECHNISCHE UNIVERSITÄT

THE ARCTIC UNIVERSITY OF NORWAY
UIT

TOKYO UNIVERSITY OF AGRICULTURE

NATIONAL CHENG KUNG UNIVERSITY
1931

CGU
1987
CHANG GUNG UNIVERSITY



I2EDC

The Institute Innovation & Entrepreneurship Development Centre (I2EDC) and Tinkerers' Lab at IIT Jammu serves as catalysts for fostering innovation, entrepreneurship, and hands-on technical expertise. These platforms provide cutting-edge infrastructure, mentorship, and financial support to transform novel ideas into impactful solutions.

I2EDC offers structured support for startup incubation, including pre-incubation funding of up to ₹2.5 lakh, industry collaborations, and the Creative Business Design (CBD) course for first-year students. It has facilitated numerous patents through Invent-X and hosted national-level initiatives such as the Smart India Hackathon and AICTE IDE Bootcamp.

The Tinkerers' Lab, a student-driven makerspace, provides advanced prototyping facilities, including 3D printing, PCB milling, and laser cutting. It plays a crucial role in project-based learning and industry collaborations, supporting B.Tech projects and research. With workshops for the Indian Army, medical device fabrication training, and large-scale outreach events like Pragyaan and Udyamitsav, I2EDC and Tinkerers' Lab continue to drive innovation and entrepreneurship at IIT Jammu.



Contact Us:
i2edc@iitjammu.ac.in

ALUMNI RELATIONS OFFICE

The Alumni Relations Office (ARO) at IIT Jammu is dedicated to fostering a strong and dynamic relationship between the institute and its alumni. Through various initiatives, ARO actively engages with graduates to support their professional growth while encouraging their contributions to the institute's development.

The office organizes insightful and interactive sessions, providing a platform for alumni to share experiences and inspire current students. It facilitates mentorship programs, offering guidance on higher education, career opportunities, and entrepreneurial ventures. By collaborating with national and international alumni networks, ARO strengthens industry connections and enhances opportunities for both alumni and students. It further supports alumni-driven initiatives that contribute to student development and institutional growth.

The office actively mobilizes resources to enhance academic, residential, and recreational facilities on campus. It supports fundraising initiatives, engages professionals from Jammu and Kashmir, and partners with nonprofit organizations focused on India's development. ARO also collaborates with alumni to generate funds for institutional enhancements, ensuring continued progress.

Serving as a valuable interface between students and alumni, ARO enables meaningful interactions for technical and non-technical support. Through its initiatives, the council ensures that alumni remain closely connected with IIT Jammu while contributing to the success of its students and the broader institute community.

Contact Us:
office.alumni@iitjammu.ac.in



- Coding Club
- SAE-Baja Club
- Robotics Club
- FinTech Club
- Photography & Filmmaking Club (Chitraka)
- Literary Club (Abhivyakt)
- Fine Arts Club (Artihc)
- Dance Club (Beatstreet)
- Drama Club (Dramatizers)
- Music Club (Malang)
- Astronomy Club (Astria-za)
- Kritash Club
- Wellbeing Club (VYOM)
- Nature & Adventure Club (NAC)
- Ek Bharat Shreshtha Bharat Activities Club (EBSB)
- MESH Club
- Anime Club
- Cooking Club
- Udyamitsav
- Pragyaan
- Nava Pravartan Expo





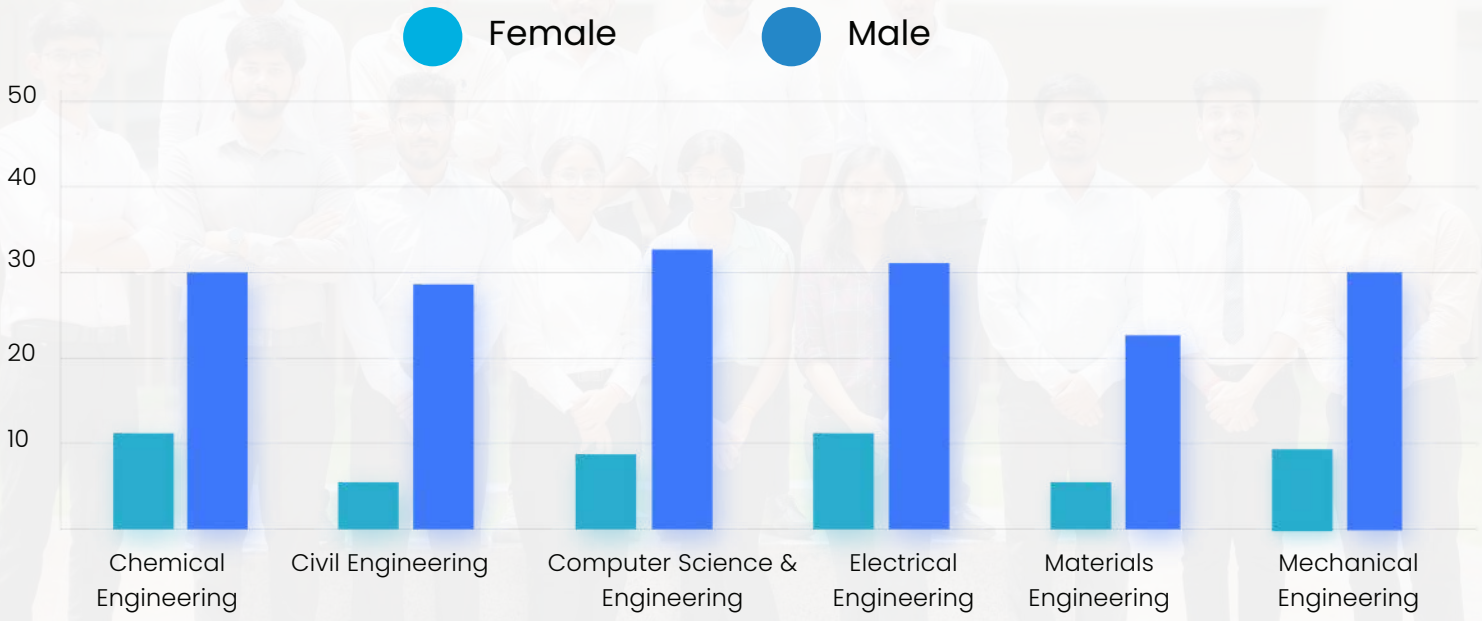


Nurturing TALENTS

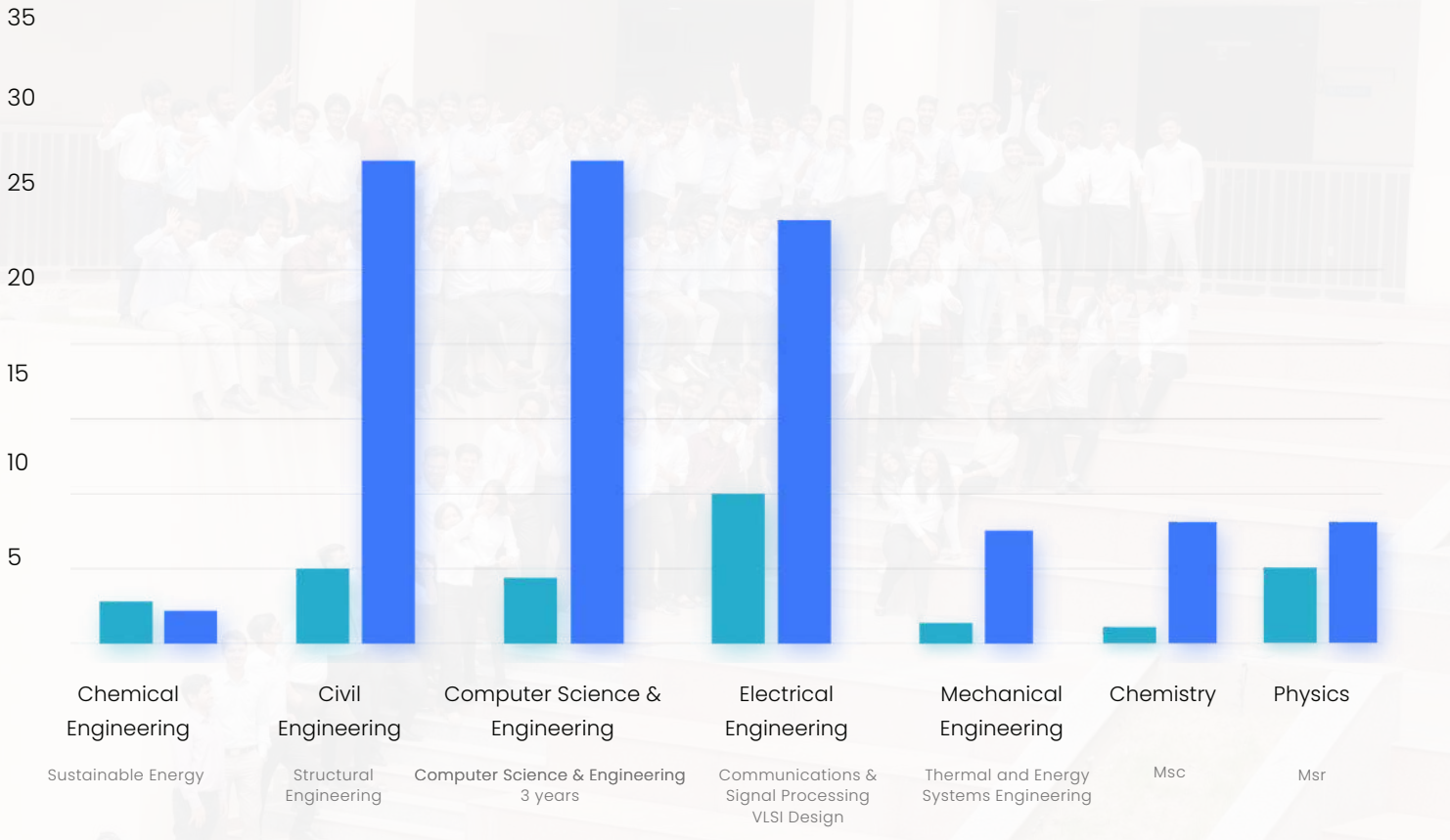


BATCH DEMOGRAPHICS

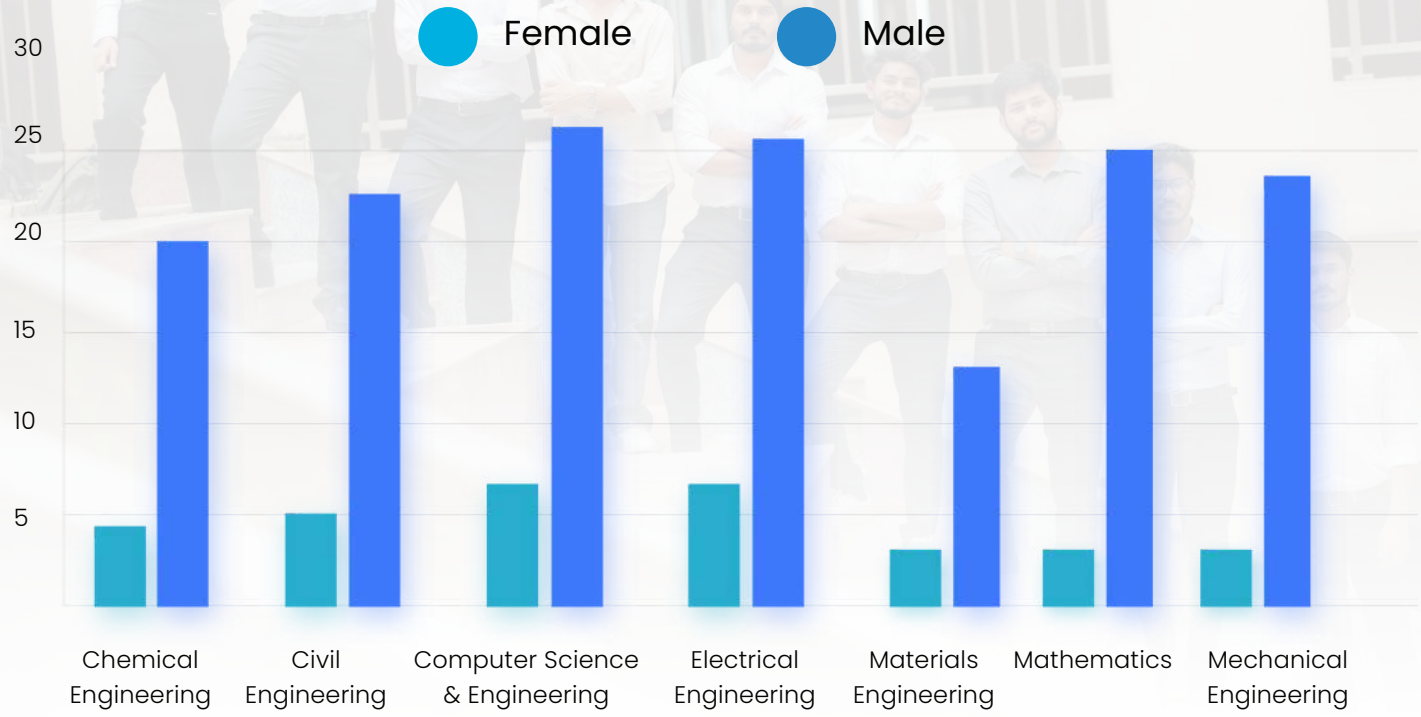
Under Graduating Batch 2026



Post Graduating Batch 2026



Under Graduating Batch 2027





PRAGMANA 3.0



Navnit Kumar Shukla

National Mentor, Startup India, Academic Counsellor, IGNOU (Dehradun Chapter)



Mr. Rahul Lakhmani

CEO at Skiify



Mr. Anuj Kumar Garg

Vice President at Zebpay



Mr. Swetank Jain

CEO & Director at Praxis Home Retail Ltd



Mr. Shaik Aleem Ur Rehaman

ASIC Design and Verification Engineer at Microsoft



Mr. Deven Kanade

Director, Industry Solutions Engineer at Oracle



Mr. Naman Arora

HR at Morgan Stanley



Mr. Deeraj Arora

Director, Big Data Platforms at Walmart Global Tech



Mr. Ankit Digarsey

Software Engineer at Google



Placement Report

*Placements for batch 2024-25

Batch 2024-25

COMPANIES PARTICIPATED	TOTAL OFFERS
180+	340

HIGHEST	AVERAGE
58 LPA	14 LPA



Testimonials



Mr. Prabhat Kumar: Class of '25, M.Tech - Computer Technology

At Career Development Services (CDS) IIT Jammu, I had a transformative experience that enhanced both my technical and leadership skills. As the Head Placement Coordinator, I had the privilege of leading a dynamic team of 70 students, collaborating with industry leaders, and optimizing the placement process. Under the guidance of my professors, I conducted research in event-based object detection, further enriching my learning. These experiences, along with IIT Jammu's strong support system, played a crucial role in securing my placement at Silicon Labs. I am deeply grateful to CDS and my mentors for their support and encourage future students to make the most of these opportunities.

Mr. Akash Bhardwaj : Class of '25, M.Tech - Computer Technology

My journey at the Career Development Services (CDS) has been truly transformative, refining not only the technical skills I acquired at the institution but also equipping me with essential soft skills and managerial expertise. It provided a dynamic
platform to collaborate with a talented and diverse team, navigate complex placement processes, and embrace the enriching diversity showcased at events like Pragmana. This holistic experience prepares students not just for their careers but for life beyond academia. I am deeply grateful to the entire CDS team for their unwavering guidance, support, and camaraderie throughout this invaluable journey. To future students, I encourage you to make the most of this opportunity and fully immerse yourself in the enriching experience at IIT Jammu.





Mr. Akash Kumar Vimal Kumar Gupta: Class of '25, M.Tech - Computer Science & Engineering

My journey with CDS was filled with challenges and learning. Bringing companies on board was never easy, I faced numerous obstacles, experienced both failures and successes, but each small achievement kept me motivated. Working with the CDS team, I realized that success comes from relentless effort. Just as we don't wait for food to come to us when we are hungry, we must actively pursue opportunities. Remember, no one will work for us—we must take charge of our own success. Take initiative, stay dedicated, and success will follow.

Mr. Falak Singla: Class of '25, B.Tech - Computer Science & Engineering

As a former CDS member, I had the opportunity to witness and contribute to the seamless placement process, gaining valuable insights into industry expectations. I am immensely grateful for the support and guidance provided by CDS and IIT Jammu, which played a pivotal role in shaping my career. During my journey, I secured internships at Avalara and RecruitWizer, gaining hands-on industry experience. I was also a finalist in the Smart India Hackathon 2023 and won a silver medal at Inter IIT Techmeet 11.0 for a problem statement proposed by ISRO. The regular interaction with industry trends and expectations through CDS initiatives greatly enhanced my preparedness for the professional world. I deeply appreciate CDS's commitment to nurturing talent and preparing students for thriving careers.





Mr. Satyansh Sharma: Class of '25, B.Tech - Electrical Engineering

Being a part of CDS since my first year has been a transformative journey, helping me grow both personally and professionally. Managing social media and being part of the calling team honed my communication and teamwork skills, especially during intense calling hours. Working alongside seniors and juniors created a collaborative environment that led to impactful results. CDS played a pivotal role in securing both my internship and placement, shaping my career trajectory. To current and future students—embrace your time at CDS, take ownership of your responsibilities, and lead with confidence. Wishing you all success in your internships and placements!

Mr. Prabhnoor Singh: Class of '25, B.Tech - Mechanical Engineering

During my time at IIT Jammu, I honed my skills in robotics, management, business analytics, event management, and designing. As an active participant in various technical and managerial roles, I had the opportunity to apply my knowledge practically, leading to my placement at BlackNGreen as a Technical and Business Operations Associate. The Career Development Services (CDS) team and IIT Jammu played a crucial role in shaping my career by providing valuable opportunities, industry exposure, and skill-building experiences. My advice to students is simple—work smart, plan ahead, and make precise decisions to achieve success!





Ms. Priya Sharma: Class of '25, B.Tech - Mechanical Engineering

Looking back at my journey at IIT Jammu, I can confidently say that the Career Development Services (CDS) played a pivotal role in shaping my career. The placement drives and workshops on resume building, interview strategies, and industry expectations were well-structured and provided the competitive edge I needed. During my time here, I secured a research internship at IIT Indore and was selected for Invention Factory 2023—experiences that broadened my perspective. With CDS's guidance and support, I also secured two placement offers aligned with my skills in data science and developer analysis. Their efforts in connecting students with recruiters and preparing us for the hiring process made a significant impact. I am grateful for their continuous support, and to future students, I'd say—make the most of CDS's resources, refine your skills, and seize every opportunity.

Mr. Sahil Agrawal: Class of '25, B.Tech - Civil Engineering

Collaborative, Driven, and Supportive—this defines the Career Development Services (CDS) at IIT Jammu. Being part of CDS was a transformative experience that equipped me with invaluable skills beyond academics, providing industry exposure, instilling confidence, and preparing me to navigate real-world challenges. Resume guidance, mock interviews, and skill-building sessions played a pivotal role in shaping my professional journey. More than just a team, CDS fostered a community of growth and support. To future students—embrace new opportunities, step beyond your comfort zone, and build lasting connections. The IIT Jammu experience extends beyond placements; it is about growth, learning, and creating a foundation for lifelong success.





Mr. Hiran Jyoti Chutia: Class of '24, M.Sc - Chemistry

Being the Department Representative for Career Development Services (CDS) at IIT Jammu was a transformative experience that enhanced my leadership, teamwork, and problem-solving skills. CDS played a pivotal role in shaping my career through industry exposure, mentorship, and skill development workshops. Their guidance in interview preparation and career counseling helped me achieve my professional goals. I also led a Chemistry awareness workshop for master's students at a state university in Jammu, strengthening my academic and communication skills. I am grateful for the support from CDS, which has been instrumental in my growth. To future students: embrace every opportunity.

Mr. Neeraj Singh: Class of '24, B.Tech - Chemical Engineering

As a part of Career Development Services (CDS), I played a key role in facilitating company interactions for internships and placements, ensuring smooth placement processes even amidst economic challenges. Our efforts successfully onboarded recruiters, enabling students to secure opportunities. Beyond placements, CDS refined my interview skills, enhanced my personality development, and strengthened essential soft skills such as communication and teamwork. My advice: focus on mastering one or two key skills rather than chasing many. CDS and IIT Jammu have been instrumental in shaping my success.





Mr. Aman Kumar: Class of '24, B.Tech - Computer Science & Engineering

As the Calling and Contact Gathering Head at CDS, I developed leadership, networking, and strategic communication skills—essential in bridging talent with opportunities. My journey at IIT Jammu was rigorous, filled with problem-solving, high-stakes coding competitions, and constant learning. These experiences paved the way for internships and full-time roles at ABB GISPL, Flooid, and Flaxxi AI. CDS was more than a placement cell—it was a platform for growth. To future students: technical expertise opens doors, but your ability to communicate, connect, and seize opportunities defines success.

Mr. Lakshya Devani: Class of '23, B.Tech - Electrical Engineering

My journey at IIT Jammu was transformative, blending rigorous academics with holistic growth. Founding MESH honed my leadership and collaboration skills, while Career Development Services (CDS) provided invaluable industry exposure through workshops, expert sessions, and resume-building guidance. These experiences, along with IIT Jammu's robust technical curriculum, paved the way for my roles as a Full Stack Engineer at HDFC Bank and SDE at Amazon. The unwavering support of CDS mentors and faculty sharpened my problem-solving abilities and prepared me for competitive placements. To current students: leverage CDS resources, embrace hands-on learning, and seize opportunities with confidence. IIT Jammu is more than just an institute—it's a launchpad for building a successful future.





Ms. Neha Sharma: Class of '23, B.Tech - Electrical Engineering

My journey at IIT Jammu has been truly transformative, shaping me both personally and professionally. The academic environment strikes a perfect balance between challenges and opportunities, encouraging exploration across diverse fields and interests. The rigorous curriculum builds a strong technical foundation, while extra-curricular activities enhance soft skills, fostering overall development. Hands-on projects and impactful internships provide holistic growth, preparing students for dynamic career paths. Additionally, the unwavering support from the placement cell ensures a seamless transition into the corporate world, guiding students toward placements in diverse industries and empowering them to pursue their true passions.

Ms. Bharati Gourgopal Padhy: Class of '22, M.Tech - Computer Science & Engineering

My journey at IIT Jammu was transformative, shaping both my career and personality. Serving as the Student Head Placement Coordinator for the batch of 2021-2022 honed my leadership, communication, and organizational skills. An enriching internship at Intel Technology provided hands-on industry experience, reinforcing my technical knowledge. The guidance and support from CDS played a pivotal role in my professional growth, fostering a strong, growth-oriented mindset. Today, I am proud to be working with Microsoft as an SDE, a milestone deeply rooted in my experiences at IIT Jammu. To current and future students: embrace every opportunity, cherish challenges, and let the mountains inspire you—because IIT Jammu is a launchpad for your future.





Mr. Aijaz Ahmad Bhat: Class of '21, M.Tech - Electrical Engineering

My time at IIT Jammu, particularly through the M.Tech SP&COM program, was truly transformative. CDS played a pivotal role by organizing personality development sessions, placement preparation, and sharing valuable opportunities. I interned at AM/NS India and, through extended networks, secured my current role at Qualcomm Researchers India. The curriculum's practical focus, along with the unwavering support from faculty, significantly shaped my professional journey. I am deeply grateful to CDS, the Department of Electrical Engineering, my professors, and peers. To current and future students: stay curious, work hard, and make the most of every opportunity—your efforts will undoubtedly pay off.

Mr. Abhishek Kumar Gupta: Class of '21, B.Tech - Mechanical Engineering

As a Metal Additive Engineer at SNCF, France, I often reflect on how IIT Jammu has shaped my journey, both professionally and personally. From founding KRITASH to actively contributing to CDS and other initiatives, my time at the institute was filled with invaluable experiences. Challenges came with opportunities, teaching me leadership, collaboration, and resilience. The institute fostered a solution-oriented mindset, encouraged by our Director and faculty, inspiring us to contribute meaningfully. I firmly believe that with dialogue, collaboration, and a willingness to give back, we can continue to strengthen our alma mater. I am forever grateful to IIT Jammu.



OUR RECRUITERS





INTERNATIONAL RECRUITERS





PLACEM
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- Companies can register themselves for conducting the campus placements with an intent to hire by filling a soft copy of the Job Notification Form (JNF) online. https://eservices.iitjammu.ac.in/#/recruiterLogin or the word document.
- Companies are required to fill all the fields in the Job Notification Form including job description/role, details, compensation details, selection process, eligibility criteria, etc.
- Detailed list of candidates will be shared with the organization 2 days prior to the recruitment process.
- The dates for campus interviews are allotted on the basis of information provided in the JNF. The recruiting organisation would confirm or seek a change of the dates with the CDS Office. The recruiting organisation may visit the campus on a mutually agreed date to conduct Aptitude Test/Technical test/ Personal Interviews/Group Discussion as part of their preferred selection procedure.
- No company is allowed to contact any student individually before the date of final interviews.
- Companies are expected to furnish the final list of selected students on the same day as soon as possible after the completion of the selection procedure. Further, companies are requested to provide a waitlist (in order of priority) in addition to the selection list. This would be used in case a selected student gets multiple offers.



MENT POLICY
MPANIES

- In case a company does not give its final selection list on the same day it conducts the drive, then the students will be allowed to appear in other companies visiting on subsequent days till they finally get selected. However, if a student has already been selected by a company that came on the subsequent day & the company that deferred its decision also makes an offer to him/her later on, then the result of the company that deferred the result will be considered as the result of the day on which the result is received.

- In case more than one result of selected student(s) comes on the same day, then the student will be given an option to choose between the company of the previous day and the company of the day. Student's preference shall be shared with both the companies.

- Company needs to complete the entire hiring process within 1 week from the date of start of the process. In case of any delays, the company will be banned for the same placement year.

- Companies offering Internship plus placement offer to the candidates should define the proper working hours (should not be more than 6 hours a day) who are working as an Intern. Defined work to the interns should be realistic as they will also be doing their final projects and coursework with the institute along with the Internship in their final semester.





"At CDS, we believe every career begins with clarity, curiosity, and courage.
We guide students to navigate opportunities, shape their aspirations, and step into the world with confidence."

~ Career and Development Services,
IIT Jammu

Placement Procedure

CDS extends placement invitations to companies





Companies register through the online portal: https://eservices.iitjammu.ac.in/#/recruiterLogin.

Eligible students review the JAF and submit applications





Companies shortlist candidates based on applications

Companies conduct PPT, assessments, and interviews





Final selection lists are submitted to CDS

CDS TEAM



DR. VINIT JAKHETIYA
Professor in Charge
Career Development Service



Dr. Angshuman Kapil
Mechanical Engineering



Dr. Ajeet Kumar Sharma
Physics



Dr. Gaurav Ashok Bhaduri
Chemistry and Chemical Engineering



Dr. Rani Rohini
Materials Engineering



Dr. Ambika Prasad Shah
Electrical Engineering



Dr. Karan Nathwani
Electrical Engineering



Dr. Abhishek Ghosh
Mathematics



Dr. Deepak Yadav
Civil Engineering



Dr. Vinit Jakhetiya
CSE



Ms. Ridham Gupta
Training & Placement officer, Career Development Services, IIT Jammu



Ms. Richa Sharma
Assistant Manager, Career Development Service, IIT Jammu



Mr. Shivam Sahdev
Relationship Manager Alumni Affairs Office

Brochure Credits



Hardik Gupta
2023UMA0213 (Mathematics and Computing)

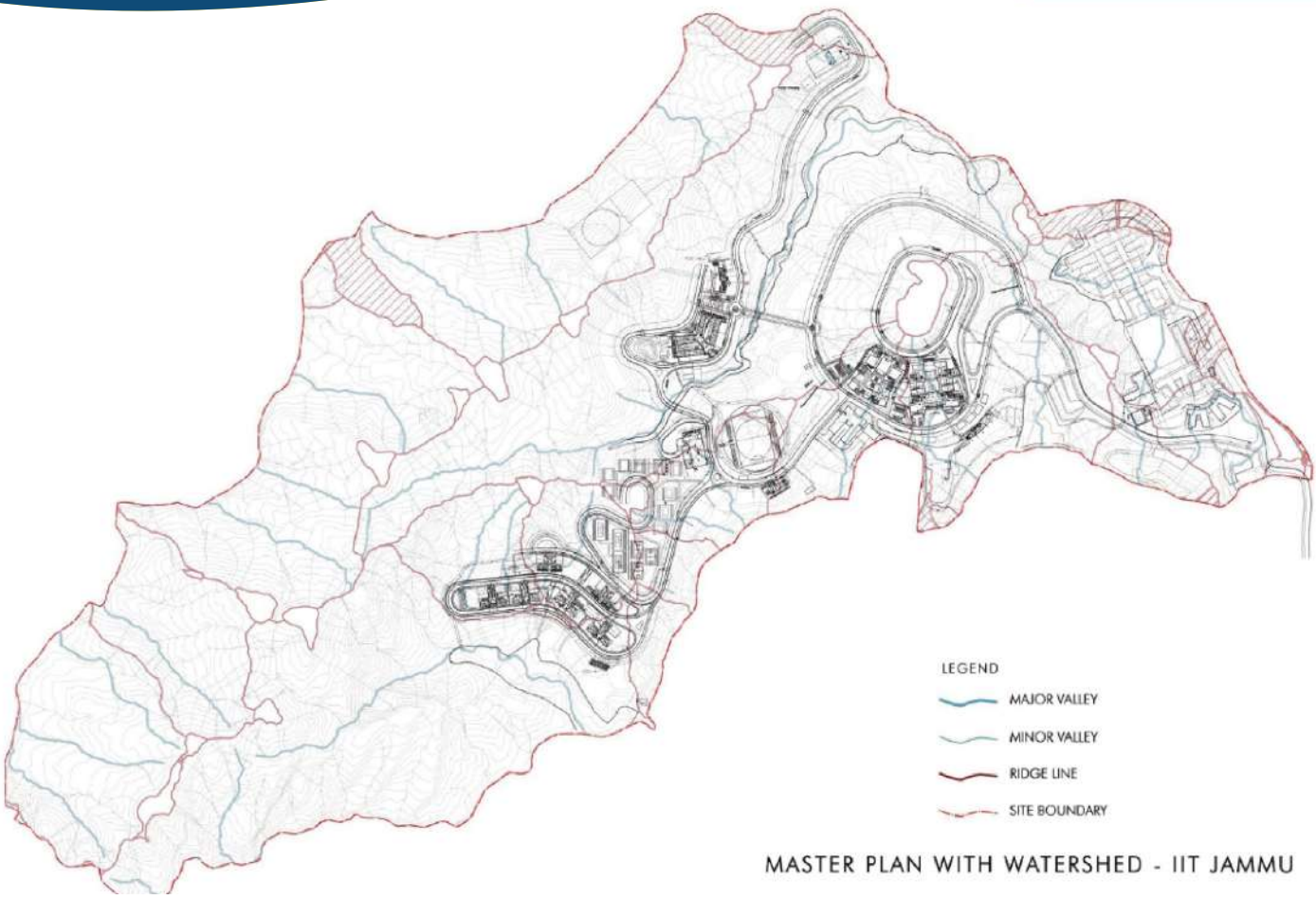


Urvashi Gupta
2023UME0279 (Mechanical)



Ujjwal
2024PCY0009 (MSC Chemistry)

Credits -Mr. Mohan Rao



MASTER PLAN WITH WATERSHED - IIT JAMMU



REACH OUT TO US :

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