# **PLACEMENT BROCHURE** 2021 - 2025

### TRAINING AND PLACEMENT CELL NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

An Institute of National Importance Under MoE, Government of India

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To evolve into a top-tier technical institution, dedicated to nurturing idealistic engineers grounded in technical and scientific excellence, fostered through global exposure and coherence.

#### NIT Sikkim is established to empower students, amplifying their capabilities and fostering responsibility in contributing to the synchronous development of social and technological trends in the nation. This mission is driven by a commitment to moral principles and ethical conduct.





- Upholding honesty and ethics
- Taking personal responsibility
- Valuing individuals
- Emphasizing outcomes
- Attending to specifics
- Sharing and spreading knowledge



# MESSAGE FROM THE **DIRECTOR**

Dear Recruiters,

National Institute of Technology Sikkim, noted for its cutting-edge research and teaching programs, takes pride in establishing an environment that fosters not just academic but also overall growth of student. It is indeed a special privilege and gratification for me to welcome and solicit your presence at our prestigious institute. Our Institute has had the vision to provide quality technical education and act as a rostrum for scientific research, and a mission to develop human potential to its greatest degree. The student community at the institute comprises an academically elite class of students filtered out in the top 1.9% in one of the most difficult entrance tests in the country, JEE Mains.

We, at NIT Sikkim, ensure that every student gets the right skill and domain knowledge so that they are easily acceptable to the industry. The Institute has been putting extra emphasis on nurturing the students towards holistic development and on inculcating corporate values and skills required for complex decision-making, besides developing superior expertise in functional domains and garnering technical knowledge. We also provide state-of-the-art laboratory facilities to the students to train them in contemporary areas as desired by the industry and research fields. In addition to developing excellent scientific and engineering skills, we motivate the students to dream big and think unconventionally to face the challenges of the future.

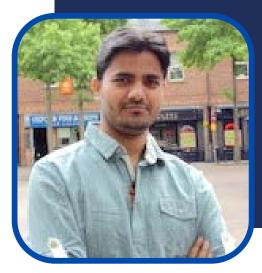
We have a committed team that believes in Imagination-Inspiration-Invention in the making of dynamic individuals and has so far succeeded in achieving the vision and mission of the institution.

The confluence of a magnitude of skill sets exhibited by the students helps each of them to have exponential growth in their learning curve. Students are provided with an environment to explore their passions in athletics, music, or the arts in a safe setting at the institute. In the institute, there is a healthy balance between academics and extracurricular activities, with each receiving equal weight.

I am sure you will find our students competent and visit us again, year after year. I anticipate a warm and enduring relationship with your organization. Once again, I welcome you for the recruitment of the 2025 batch of B. Tech, M. Tech and MSc.

----- JAI HIND! -----





### MESSAGE FROM THE FACULTY IN-CHARGE

Dear Recruiters,

It gives me great pleasure to invite you to visit National Institute of Technology Sikkim for the present placement season. We, at the Training and Placement Cell, aim to bridge the gap between academia and industry, focusing on industry-academic interface programs in collaboration with leading Industries. We take pride in providing our students with a wide range of training programs aimed at them, enhancing their employability, as well as providing them with platforms of curricular and extracurricular events to ignite their minds. The T&P Cell, to provide exposure to the students, hosts workshops and talks regularly engaging experts from industry, management, and academia.

Over the years, our students have excelled in industry, and this belief has been reinforced by the consistent faith of recruiters in offering our students diverse and key roles in their organizations. We are confident that they would be able to adapt to various challenging situations with confidence and surpass all expectations when it comes to fulfilling the organizational objectives. Our alumni have made their mark at national and international levels, and their accomplishments stand as testimonials to our endeavors and their determination.

Our students receive opportunities to learn not just through well-designed classroom and laboratory activities but also active participation in research and industrial collaboration projects, student societies competitions, social service activities, and exposure to entrepreneurship. 18SP Cell stands with challenges and provides them the path, through which they can achieve their goals and can prove themselves. NIT Sikkim is not just an educational institution, but far more than that, it is a family to enrich every student to accomplish their ambition.

Once again, I cordially invite you to our campus for placements, and I look forward to continuing a fruitful relationship between your organization and NIT Sikkim.

----- JAI HIND! ------

### ABOUT US

Perched majestically at an altitude of 2100 metres, blessed with a breathtaking panorama of Mount Kanchenjunga, stands the National Institute of Technology Sikkim, nestled in the serene locale of Ravangla, Sikkim. Since its inception in 2010, NIT Sikkim has emerged as a beacon of excellence in education, epitomising its unwavering dedication to imparting top-notch education and sculpting the careers of its students through a vibrant academic framework that seamlessly integrates the latest technological advancements, including Artificial Intelligence.

Offering a diverse spectrum of 17 courses spanning across 9 departments encompassing Engineering, Sciences, and Humanities, NIT Sikkim stands tall as a premier institution of national significance. From B.Tech to M.Tech, M.Sc., and PhD programs, the institute caters to a wide array of educational pursuits, ensuring a comprehensive learning experience for its students.

Beyond academics, NIT Sikkim is committed to nurturing well-rounded individuals, moulding their characters, and instilling in them the virtues of responsible citizenship. Embracing an inclusive ethos, the institute fosters a vibrant ecosystem that thrives on both academic pursuits and extracurricular engagements.

Encouraging a culture of exploration and innovation, NIT Sikkim inspires its students to delve into their passions and pursue their interests fervently, thus shaping the leaders and innovators of tomorrow.

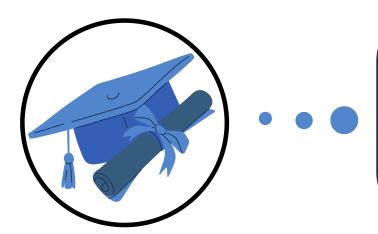
### ACADEMIC PROGRAMS

The Institute offers meticulous opportunities for students to explore interdisciplinary subjects and achieve a comprehensive education. Its curriculum includes significant courses in Engineering, advanced Sciences, and Humanities, providing students with exposure to a wide range of subjects. The Institute upholds high academic standards, emphasizing quality education and research opportunities for its students.

#### **Bachelor of Technology**

- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering





#### Master of Technology

- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering

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#### Master of Science





### COMPUTER SCIENCE & ENGINEERING

The mission of the Department of Computer Science and Engineering is to convey knowledge in both theoretical and practical domains which enables the students to solve challenging real-world problems. The department offers a well-designed curriculum to help students acquire essential skills and also provides well-equipped laboratories with the latest operating systems of modern technology.

Coming to the pillars, the faculty members of the department who are gauged by their research contribution, have round-the-clock work habits. The strength of the department is its faculty members having a wide range of expertise in several domains with modern technologies. They are approachable and ready to go the extra mile to connect the aspiration and potential of the young students to most market opportunities. Apart from all these, regularly organized seminars and workshops have increased the student's expertise and understanding of real-world requisitions.





#### **Computer Science Lab:**

CSE Laboratories are powered by the NetSim simulation platform for R&D. Aneka (PaaS). OpenStack. IoTFY, Big Data Hadoop Cluster, and over 170 i7 based PCs with various high end software.

#### PARAM Kanchenjunga Supercomputing Facility:

32x16 cores. Head Node (Fujitsu RX300 \$8.4 Intel Xeon E5-2650 v2 processor @ 2.6 GHz), 28+4 Compute Nodes (Fujitsu RX200, RX350 \$8). Interconnects (Gigabit Ethernet and Infiniband), OS (RHEL 6.5, kernel 2.6.32-431.el6.x86\_64], InClus cluster management toolkit.

### ELECTRONICS & COMMUNICATION ENGINEERING

Since its establishment in 2010, the Department of Electronics and Communication Engineering at National Institute of Technology Sikkim is dedicated to pioneering research and top-tier education. Offering programmes such as a four-year B.Tech. degree and two-year M. Tech. specializations in Microelectronics and VLSI design, alongside Ph.D. opportunities, the department fosters scholarly exploration and academic excellence. Research areas encompass VLSI Design and Microwave Engineering, reflecting a commitment to both current and emerging technologies. Practical learning is emphasized, with advanced laboratories complementing theoretical teachings.

Dynamic and dedicated faculty members create an enriching learning environment, prioritizing holistic student development for successful careers in industry and entrepreneurship. Activities like internships and industry projects enhance students' understanding, preparing them for the evolving field of Electronics and Communication Engineering.





#### **Modern Equipment:**

- Mentor Graphics Modelsim PE 10.1 (VHDL & Verilog Software)
- B2 SPICE-Analog, Digital and Mixed-Signal Simulation Software.
- Cadence (University Bundle, Analog & Digital)
- Broadband ridge horn antenna (up to 18GHz)
- Synopsys EDA Tool
- Radar Simulation Software.
- ANSYS software.

#### Laboratories:

- Communication (Analog and Digital) Engineering Laboratory
- Digital Signal Processing Laboratory
- Electronic Circuits Laboratory (Analog and Digital)
- Electromagnetic and Antenna Laboratory
- Internet of Things (IoT) Laboratory
- Microprocessor and Microcontroller Laboratory
- Microwave Engineering Laboratory
- Optical Communication Laboratory
- VLSI Design Laboratory

### ELECTRICAL & ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering is a vibrant, innovative academic department where academic endeavors are driven by dynamism and creativity. It is a pioneer in cutting-edge research, constantly expanding the body of knowledge to address new problems. The department, which has gained recognition for its dedication to high standards in research in a variety of subjects influenced by technological developments, provides a thorough education in the design, analysis, and real-world use of electrical systems, circuits, and devices. The department offers students an unmatched educational experience by emphasizing state-of-the-art innovations and promoting creativity.

The department offers a dynamic curriculum covering Digital Electronics, Microprocessors, Power Electronics, Renewable Energy Systems, Electrical Machines, Power Systems, and Control Systems, regularly updated to reflect the latest in technology.





#### Laboratories:

- Basic Electrical Laboratory
- Electrical Workshop
- Advanced Robotics Laboratory
- Electric Drives Laboratory
- Electrical Vehicles Laboratory
- Power Electronics Laboratory
- Power Systems Laboratory
- Electrical Machines Lab Laboratory
- Open Machines Laboratory
- Modern Renewable Laboratory
- MicroGrid Laboratory
- Advanced Electrical Measurement Laboratory

#### **Modern Equipment:**

- 3D Printer
- DSP Controller
- FPGA Board
- Altair Software with Drives for Electric Vehicles
- PCB Printing Facility
- Prototype of Solar and Wind Generation System
- dSPACE, DSO, Power Analyzer, and Handheld LCR Meter
- Micro Grid Lab Setup with Real-Time Controller
- Transmission Line Analyzer with SCADA
- Linear Inverted Pendulum

### MECHANICAL ENGINEERING

Since its establishment in 2014, the Department of Mechanical Engineering has been fostering its students' growth by staying abreast of the latest industrial and technological advancements. With a dedicated faculty comprising highly qualified and experienced members in all streams of mechanical engineering, the department consistently strives to offer worldclass educational and research facilities. An interactive relationship between students and faculties is maintained, allowing the students to develop a strong foundation. The department emphasizes providing the fundamentals mechanical knowledge in of engineering, interdisciplinary learning, innovation, creativity, and problem solving. Currently, the department offers 4-year B. Tech undergraduate (UG) and doctoral (PhD) programs.



The vision of the department:

Producing versatile engineering graduates and researchers capable of contributing to society through innovation and working in multidisciplinary fields.



#### Laboratories:

- Advanced Manufacturing Processes and CAM Laboratory
- Engineering Graphics and Machine Drawing Laboratory
- Elements Of Solid Mechanics Laboratory
- Energy Conversion Laboratory
- Fluid Mechanics and Fluid Machinery Laboratory
- Kinematics & Dynamics of Machinery Laboratory
- Mechanical Workshop
- Mechanical Vibration Laboratory

#### Instruments available in laboratories:

Digital Theodolite (Least Count 5), Total Station (Least Count 1), Auto level, Pelton Turbine (1.5 kW at 2750 min-1 at 6.5 bar), Francis Turbine (Output: 1kW at 3500 min-1 at 4.2 bar), Nephelometer Spectrophotometer, Electric Muffle furnace, Chloroscope, Digital Compression, Testing Machine (2000 KN). Ultrasonic Pulse Velocity Testing Machine (Frequency Range: 20-150 kHz), Rebound Hammer, Different Structural units like Arches, Beams, Buckling rods, Bridge structures, etc., are also available in the Structural Laboratory, Triaxial Shear Test Apparatus, Direct Shear Test Apparatus.

### CIVIL ENGINEERING

Since its establishment in 2013, the Department of Civil Engineering is renowned for its dedication to offering a comprehensive education that blends theoretical underpinnings with practical experience. Students at the Department of Civil Engineering participate in courses and research related to the evolving environment, which encompasses infrastructure systems like sewage treatment facilities and water supply networks, as well as structures like buildings, bridges, highways, and dams.

This has all been made possible by fusing the curriculum with core courses in a variety of civil engineering disciplines, such as environmental engineering, transportation engineering, geotechnical engineering, structural engineering, and water resources engineering. In addition, the program includes project work, fieldwork, and laboratory courses to provide students with practical exposure to all facets of civil engineering.



Civil engineers are highly skilled communicators, problem solvers, and team leaders. Through the planning of talks, coding and aptitude tests, internships, and seminars, the department takes the lead in developing overall skills.



#### Laboratories:

- Surveying Laboratory
- Material Testing Laboratory
- Geotechnical Engineering Laboratory
- Environmental Engineering Laboratory
- Highway Engineering Laboratory
- Concrete Laboratory
- Fluid Mechanics Laboratory
- Computers Applications Laboratory
- Special Structural Design Laboratory

#### Instruments available in laboratories:

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### DEPARTMENT OF PHYSICS

The department of Physics was one of the first departments to be established, in tandem with the establishment of the institute itself in 2010. The department contributes to the technological infrastructure and provides trained personnel needed to take advantage of scientific advances and discoveries. The department has well-equipped laboratories and offers courses in Electromagnetic Field Theory, Solid-State devices, Basic Electrical Sciences, and many more research-related fields. Adding on to the caliber, the department has diligent research collaborations with the Saha Institute of Nuclear Physics, Kolkata, Jadavpur University, Kolkata and Harish-Chandra Research Institute, Allahabad. The students are performing research in the areas of Quantum Information Science, Time-series Analysis, and Experimental Nonlinear dynamics.



### DEPARTMENT OF CHEMISTRY

The department of Chemistry was established in 2010 to encounter the inevitability of renaissance chemistry. Chemistry is oftentimes cited as the central science because it joins together Physics and Mathematics, Biology, Medicine, the Earth, and Environmental Sciences. Avid faculties of the department are earnestly betrothed to teaching and cutting-edge research projects funded by various national funding agencies like the department of Science and Technology and the department of Biotechnology with assorted edge problems in the field of Chemistry. The department has organized a series of seminars by leading professors and scientists.

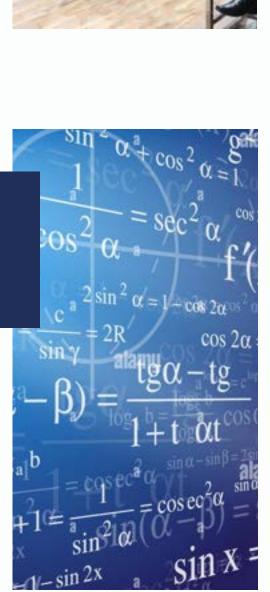


### DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

The department of Humanities and Social Sciences is one of the first departments, established in 2010. The department seeks to inundate the students with a sense of consciousness through the study of Literature and Language. It offers courses in Economics, English literature, and Management. Visualisation of an abstract idea before giving it a form is an exercise that the department incorporates to develop the cognitive abilities of young minds. A workshop on "Building Proficiency in Academic Writing" that counted resource persons from IIM Ahmedabad and other deemed universities across the world was organized recently. Discrete courses on communicative skills, phonetics, linguistics, and certified courses in some regional and European languages features in the long-term agenda of the department.

### DEPARTMENT OF MATHEMATICS

The Department of Mathematics was established in 2010 as an independent unit that proliferated as a remarkable branch of the institute. Mathematics, including Engineering Mathematics subjects offered by the Mathematics department in the first three semesters of engineering programs, stands as a cornerstone of human thought and logic. It plays a vital role in endeavors to comprehend both the world around us and our inner workings. Moreover, these foundational mathematical concepts are indispensable in the engineering field and hold significant relevance in various industries. The department has been organizing workshops and seminars intended to upgrade the potential and quality of teaching and research for students and faculty members.



### **WORKSHOP & TALK SESSIONS**

#### CDAC AND TOEFL

- C-DAC CINE, the premier R&D organization under the Ministry of Electronics and Information Technology (MeitY), Government of India, hosted a webinar focusing on Careers in the VLSI Industry.
- During the session, the speaker, Joseph Augustine Sir, discussed various job opportunities available in the field.
- Another webinar centred on the TOEFL & GRE General Test was aimed at providing insights into the structure, format, and content of these exams.
- Participants had the chance to obtain up-to-date information directly from representatives of TOEFL & GRE, clarify their doubts, and engage in exciting quiz activities.





#### TALK SESSION - INDIAN NAVY

- The Indian Navy conducted a Talk Session, which is organized by the Training and Placement Cell.
- In the session, the speaker, Commodore Sabesan Shanmugam talked about various job opportunities in the Armed Forces with the students of NIT Sikkim.
- Interacting with subjects such as Services Selection Board and Geopolitics, students sought clarification on queries related to life at Indian Navy, written examination and skills required to join the Armed Forces.
- The speaker addressed these queries comprehensively, inspiring and encouraging students to contemplate embarking on a career as officers in the Indian Navy, while also highlighting the benefits of joining, such as opportunities for personal and professional growth, job security, and service to the nation.

#### **VLSI FOR ALL**

- VLSI FOR ALL led a one-hour webinar titled "VLSI Design" organized by the Training and Placement Cell on 9th January, 2024.
- The event featured presentations from Shri Apurva Gupta, a distinguished Senior VLSI Engineer at IIIT Delhi.
- During the session, Apurva Gupta delved into various aspects of VLSI engineering, elucidating the intricacies of chip design, semiconductor technology, and the evolving landscape of integrated circuits.
- Engaging with the audience, she discussed the significance of VLSI in contemporary technological advancements and its pivotal role in shaping the future of electronics.
- The webinar also provided insights into coveted career opportunities in the circuit design industry.





#### AI & ML

- The Training and Placement Cell at the National Institute of Technology Sikkim organized an enriching talk session on April 14th, 2024.
- Esteemed speakers Mr. Rithvik Joshi and Mr. Uttaran Nayak were featured.
- The session aimed to provide valuable insights into current market trends adopted by multinational companies worldwide.
- It covered the burgeoning growth in AI & ML.
- Strategies for aspiring entrepreneurs to thrive in the contemporary market landscape were discussed.
- The speakers also highlighted the importance of innovation and adaptability in today's fast-paced business environment.
- They shared personal anecdotes and success stories to illustrate key points.

# MoUs & COLLABORATIONS

#### TU DRESDEN, GERMANY

The National Institute of Technology Sikkim has entered into an Abroad Learning Agreement with the Centre for Information Services and High-Performance Computing (ZIH), TU Germany. This agreement was established when Mr. Ankur Sharma, a student enrolled in the institute, commenced a semester-long exchange program at the CIHP, TU Dresden, Germany, while simultaneously undertaking project work for his Bachelor's thesis.





#### IIT KHARAGPUR

NIT Sikkim, in its quest for academic distinction, continuously strives to achieve new heights of success. Recognizing the importance of strong affiliations, the institute's leadership and faculty have sought to establish a robust connection with esteemed institutions. NIT Sikkim students engaged in pool campus drives at IIT KGP, benefiting from access to its library, laboratories, and research centers, while faculty members also enjoy these privileges.

#### TEQIP-III

The National Institute of Technology Sikkim has been chosen for the third Quality Improvement under the World Bank-assisted Technical Education Program (TEQIP-III). The initiative aims to enhance undergraduate and postgraduate laboratories to better prepare students for industry demands, boost enrollment, and introduce new programs.

TEQIP - III



#### INDIAN SPACE RESEARCH ORGANISATION (ISRO)

Enrolled in the Outreach Program of the Indian Space Research Organisation.

#### **IIT BHILAI**

NIT Sikkim and IIT Bhilai joined forces in November 2021 through a signed MoU. This agreement aims to enhance educational opportunities and research collaborations. It facilitates faculty and student exchange programs, joint research projects, and knowledge sharing in mutually beneficial fields.



#### Placement Brochure 2024-2025

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#### C-DAC

National Institute of Technology Sikkim has signed the ABROAD LEARNING AGREEMENT with the Centre for Information Services and High-Performance Computing (ZIH), TU Germany. The agreement materialised when one of our students, Mr. Ankur Sharma (Roll. B100005CS) joined the Centre for Information Services and High-Performance Computing (ZIH), TU Dresden Germany as a visiting exchange student to conduct his one semester along with simultaneous project work for his Bachelor thesis at CIHP, TU Dresden, Germany.

#### **UNIVERSITY OF BREMEN, GERMANY**

National Institute of Technology Sikkim has signed the ABROAD LEARNING AGREEMENT with the Centre for Information Services and High-Performance Computing (ZIH), TU Germany. The agreement materialised when one of our students, Mr. Ankur Sharma (Roll. B100005CS) joined the Centre for Information Services and High-Performance Computing (ZIH), TU Dresden Germany as a visiting exchange student to conduct his one semester along with simultaneous project work for his Bachelor thesis at CIHP, TU Dresden, Germany.





#### IIT GANDHINAGAR

Indian Institute of Technology (IIT) Gandhinagar and National Institute of Technology (NIT) Sikkim have entered into a Memorandum of Understanding (MoU) to facilitate student exchange, academic cooperation, and research collaboration among faculty members. The MoU also aims to promote joint workshops, seminars, and conferences, enhancing the overall academic experience in diverse fields.

#### IIT BOMBAY

NIT Sikkim has recently announced a memorandum of understanding (MoU) with IIT-Bombay to promote student exchange, academic collaboration, and research cooperation among faculty members. This strategic partnership underscores a commitment to enhancing educational opportunities and fostering joint research initiatives between the two esteemed institutions.





#### **MNIT JAIPUR**

NIT Sikkim's website confirms a Memorandum of Understanding (MoU) exists between them and MNIT Jaipur. This collaboration, established in January 2022, fosters academic and research exchange. Students, faculty, and researchers from both institutes can participate in exchange programs, joint coursework, and collaborative research projects in mutually beneficial areas.

#### IIT DELHI

IIT Delhi and NIT Sikkim signed an MOU for academic and research collaboration. The agreement allows direct admission of NIT Sikkim's B.Tech. students to IIT Delhi's PhD programs, bypassing national exams like GATE. This initiative aims to streamline transitions and foster interdisciplinary collaboration, benefiting students and advancing mutual growth between the institutions.





#### IIT GUWAHATI

The informal ties between NIT Sikkim and IIT Guwahati in the North-East have evolved into a formal academic partnership. The signing of an MOU for research and development signifies a significant step forward in their collaboration. This agreement solidifies their commitment to enhancing academic excellence and fostering innovation through joint endeavors.

#### IIT HYDERABAD

NIT Sikkim has partnered with IIT Hyderabad through an MoU to enhance institutional collaboration in education and research. The agreement aims to foster interaction and research collaboration among faculty members, research staff, and students from both institutions, paving the way for joint academic endeavors and innovative research initiatives.





#### SIST CHISOPANI

A Memorandum of Understanding (MoU) signed in September 2023 exists between Sikkim Institute of Science and Technology (SIST Chisopani) and National Institute of Technology Sikkim (NIT Sikkim). This collaboration aims to foster academic and research exchange in areas of mutual interest. It facilitates activities like student exchange programs, joint workshops, faculty development, and sharing of resources. This MoU supports the implementation of India's National Education Policy 2020.

#### NIPER KOLKATA

NIT Sikkim's website showcases a Memorandum of Understanding (MoU) signed with NIPER Kolkata in September 2023. This agreement aims to strengthen collaboration in research and academics. It facilitates the sharing of R&D facilities, library access for faculty and students, and joint research initiatives. Both institutes strive to maintain confidentiality of exchanged information.



### **ALUMNI'S CORNER**



#### MR. LOHITH SURISETTI

M.S. from Western Illinois University, USA

#### MR. ROHAN MAHAPATRA

Research Assistant at UC, San Diego, USA Former SoC Engineer at Intel





#### MS. DIVYANSHI VERMA

Graduated from IIM Bangalore in 2022

#### MR.YATISH PACHIGOLLA

Masters Student at The Technical University of Munich (TUM), Germany





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#### MS. ARUNIMA SAMADDAR

Pursuing Masters from University of Pennsylvania, USA.



#### MR. ADITYA ARYA

Founding Member at Troopod, Co.Founder, CEO, Head of Product Marketing at TravelShelf, Co-founder, Head of Business Strategy and Finance at Waders Group

#### MR. SANGAM KUMAR

Software Developer Engineer at Hackerrank & Former GSoC Mentor





#### MR. ANURAG GAUR

Jr. Telecom Officer- Dept of Telecommunications, under MeitY ESE 2019 - All India rank India 39

#### MR. ADARSH SINGH

Ph.D. Student at IIT Kanpur. Selected by the Indian Academy of Sciences, among the prestigious scientific societies of India for a research fellowship.





#### MR. JASWANTH SAI MIDIDODLA

M.S. in Computer and System Engineering at University of Houston, USA. Ex-SDE at Tide.

### DIGNITARIES AT NIT SIKKIM

#### **DR. CHRISTOPHER SOGHOIAN**

Senior Fellow, TED





#### PROF. K. K. AGGARWAL

Former Chairman, NBA - India

#### **PROF. MIKKO KURIMO**

AALTO University, Finland





#### **PROF. RAJKUMAR BUYYA**

Fellow of IEEE

#### PROF. C.B ROA

Retd. IPS,Founder and CEO of Dr. CBS Cyber Security Services



### DIGNITARIES AT NIT SIKKIM



#### PROF. C.N. RAO

Bharat Ratna Awardee

#### **PROF. CHRIS PHILIPS**

Head, Opto Electronics Section, Imperial College London



#### MS. DEEPA MALIK

Rajiv Gandhi Khel, Arjuna Awardee (Shot put) & Padma Shree Awardee

#### DR. PRADEEP KUMA SINHA

Head, National Param Supercomputing Facility





DR. A.S. KIRAN KUMAR

Former Chairman, ISRO

#### **PROF. CHRISTOPHER K. CHAPPLE**

Loyale Marymount University, Los Angeles





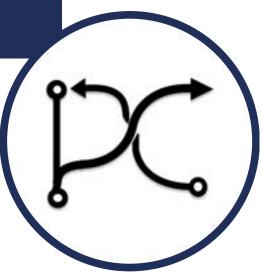
#### NIRMAAN

Nirmaan, a technical club at the National Institute of Technology Sikkim, was founded with the mission to cultivate innovation and practical understanding among students in civil engineering and related fields. By facilitating hands-on experiences and diverse projects, the club bridges the gap between theoretical knowledge and real-world application, fostering comprehension of project management, teamwork, and practical challenges in civil engineering. Through its dedicated efforts, Nirmaan has become a cornerstone for students seeking to apply their classroom knowledge to real-life scenarios, preparing them for the challenges they will face in their future careers.

Moreover, Nirmaan doesn't solely enrich academic pursuits with practical skills; it also fosters a culture of innovation and perpetual learning. Embodying this ethos, Nirmaan proudly introduces 'Architectural Artistry' a captivating building model competition. This addition expands the club's offerings, providing a platform for students to demonstrate their creativity and expertise in architectural design. Through such initiatives, Nirmaan not only reinforces its commitment to fostering innovation but also encourages students to explore interdisciplinary connections, broadening their horizons and nurturing a holistic approach to problemsolving.

#### DEVCANS

Devcans stands as a cornerstone of the technical community at the National Institute of Technology Sikkim, offering a pivotal platform for students to evolve as proficient coders and innovators. This club serves as a dynamic hub for individuals keen on refining their programming prowess, engaging in software projects, and delving into the expansive domain of computer science. Through regular meetings, coding sessions, and collaborative workshops, Devcans provides a supportive environment where members can exchange ideas, tackle coding challenges, and explore emerging technologies, fostering a vibrant community of tech enthusiasts.



Dedicated to empowering students with essential technical skills for success in software development, Devcans has a clear mission. It aims to foster a deep understanding of coding principles, encourage collaboration on projects, and prepare members for the rigors of competitive programming and the dynamic tech industry. Through a steadfast focus on coding literacy and project-based learning, Devcans ensures that its members are equipped to excel in the ever-evolving field of technology.

#### ANUVRAT

Anuvrat, the technical club of the Department of Electronics and Communication Engineering at the National Institute of Technology (NIT) Sikkim, is meticulously crafted to enrich the educational journey of students. It adopts a practical, hands-on approach to learning, aimed at deepening understanding in the field of electronics and communications. Through a myriad of initiatives, Anuvrat endeavors to instill innovative thinking and practical skills vital for success in these rapidly evolving technologies. Anuvrat encourages its members to immerse themselves in research, development, and entrepreneurial endeavors aligned with the dynamic needs of the electronics and communications industries.

The club's mission is clear: to foster the development of innovative minds and practical expertise in electronics and communications. It provides comprehensive support, including access to equipment, funding, mentorship, and opportunities to undertake projects ranging from creating electronic devices to innovating on existing communication protocols. By emphasizing real-world applications, Anuvrat not only equips students for prosperous careers but also plays a pivotal role in advancing technology within the electronics and communications sectors.

#### YANTRIKA

Yantrika, the dedicated club for Mechanical Engineering students at the National Institute of Technology (NIT) Sikkim, serves as a vibrant platform for enthusiasts eager to delve into the intricacies of mechanical engineering. From traditional mechanics to the latest innovations, Yantrika provides opportunities for exploration and hands-on learning. With a mission to enrich the educational experience, the club offers workshops, projects, and activities that bridge the gap between theory and practice. Through engaging in realworld engineering challenges, members develop essential problemsolving skills and gain insights into mechanical systems' complexities.



Moreover, Yantrika fosters an environment of innovation and creativity, and encouraging members to push boundaries and apply their knowledge in novel ways. Yantrika plays a pivotal role in shaping the future of mechanical engineering, equipping students with the mindset, skills, and experience to excel in diverse career paths within the industry.



#### **THE REGNANT INK**

The Regnant Ink, as the literary club of the National Institute of Technology (NIT) Sikkim, stands as a beacon for nurturing creativity and intellectual exploration among its members. Beyond providing a platform for literary expression and skill improvement, the club fosters a sense of community and camaraderie among students with a shared passion for literature and the arts. Through engaging discussions, writing workshops, and collaborative projects, members not only refine their literary talents but also forge lasting connections and friendships. Through exposure to a diverse range of literary works and artistic expressions, students broaden their horizons, develop empathy, and sharpen their critical thinking skills.

Moreover, The Regnant Ink plays a pivotal role in enriching the cultural tapestry of NIT Sikkim. By organizing literary events, poetry slams, and book clubs, the club fosters a deeper appreciation for literature and the arts within the campus community. As a result, The Regnant Ink not only cultivates individual growth but also contributes to the holistic development of the NIT Sikkim community, instilling a lifelong love for literature and creativity.

#### THE PHOTOGRAPHY CLUB

The Photography Club at the National Institute of Technology Sikkim serves as a dynamic platform for students with a fervent passion for photography to immerse themselves in the art form. Beyond being a space for skill enhancement, it fosters a sense of community where members can learn, share experiences, and collaborate on creative endeavors. Through hands-on experiences and interactive workshops, the club empowers its members to refine their photography skills and explore new techniques, from composition to post-processing. Moreover, the Photography Club enriches the cultural landscape of NIT Sikkim by organizing various events and initiatives.



From captivating exhibitions that showcase members' diverse perspectives and talents to engaging competitions that stimulate creativity and technical proficiency, the club actively contributes to the artistic vibrancy of the campus community. Through collaborative projects capturing the essence of campus life and events, the club not only preserves precious memories but also fosters a sense of belonging and identity within the institute. In essence, the Photography Club stands as an essential pillar in fostering a vibrant artistic community at NIT Sikkim, nurturing creativity and camaraderie among its members.



#### WEB DEVELOPMENT CELL

The Web Development Cell at the National Institute of Technology Sikkim serves as a pivotal hub for students keen on advancing their skills in web technologies. With a comprehensive focus on both mainstream languages like HTML, JavaScript, and C++, as well as esoteric languages such as Haskell and Malbolge, the cell ensures a well-rounded understanding of the field. Through a series of regular workshops and hackathons, students are challenged to push their boundaries and develop innovative web solutions, fostering creativity and problemsolving abilities. Moreover, the cell continuously explores emerging trends and technologies in the web development landscape, ensuring that its members are well-equipped to adapt to the ever-evolving industry demands and remain at the forefront of innovation.

Through real-world projects, members gain invaluable experience and contribute to campus communities by developing and maintaining essential websites. Ultimately, the Web Development Cell cultivates the next generation of web developers and innovators at NIT Sikkim and is instrumental in nurturing the next generation of web developers and innovators at NIT Sikkim, preparing them for success in the ever-evolving field of web development.

#### **E&I CELL**

The Entrepreneurship and Innovation Cell at the National Institute of Technology Sikkim is dedicated to nurturing entrepreneurship and fostering innovative thinking among students. Beyond providing a platform for idea generation and business model development, the cell emphasizes practical learning through workshops, speaker sessions with successful entrepreneurs, and startup competitions. These initiatives not only stimulate innovation but also equip students with the necessary skills and knowledge to navigate the complexities of starting and managing businesses effectively. Additionally, the cell actively facilitates networking opportunities with industry leaders and potential investors, crucial for providing early-stage support and guidance to budding entrepreneurs.



Through its comprehensive approach, the Entrepreneurship and Innovation Cell significantly contributes to transforming creative ideas into viable business ventures, thereby fostering a vibrant spirit of entrepreneurship within the NIT Sikkim community.

### **ABOUT T&P CELL**

The Training and Placement Cell at NIT Sikkim serves as a vital bridge between academia and industry, fostering the professional growth and success of students. Through diverse training programs, workshops, and placement drives, it creates an environment conducive to professional development. By forging strategic partnerships and offering individualized career guidance, the Cell promotes comprehensive growth, preparing students to excel in a dynamic global market. The Training and Placement Cell handles all aspects of campus placements and internships for the students. The Training and Placement Cell at NIT Sikkim continuously endeavors to provide comprehensive support beyond conventional job placements. It adopts a multifaceted approach towards grooming its students for the demands of the contemporary job market, thereby empowering them to realize their full potential and embark on fulfilling career trajectories.



Furthermore, the Cell continually strives to foster strategic collaborations with leading corporations, thereby expanding the scope of internship and job opportunities available to students. By providing individualized career guidance and mentorship, it empowers students to make informed decisions regarding their career paths. Through initiatives like alumni networking events and industry interaction sessions, the Cell creates a supportive ecosystem where students can gain insights from industry professionals and leverage alumni networks for career advancement opportunities. The Training and Placement Cell at NIT Sikkim is committed to nurturing holistic professional development, ensuring that students are well-prepared to thrive in today's competitive job market.



### **WHY RECRUIT US?**

Admission to NIT Sikkim's prestigious B. Tech. programs is fiercely competitive, with entrance through the Joint Entrance Examination (JEE) limited to the top 1.9% of candidates nationwide. Thus, those admitted are truly the cream of the crop, representing the nation's academic elite. At NIT Sikkim, students are not merely participants but architects of the institute's ethos. They spearhead various clubs, orchestrate vibrant cultural and technical fests, organize sports extravaganzas, and curate literary competitions—all meticulously overseen.



Despite Recession in 2021 and 2022, NIT Sikkim broke its placement record for 2 consecutive years. The Training and Placement Cell achieved 100% internship statistics over last internship sessions.

Numerous interns, demonstrating unwavering dedication and diligence, have been rewarded with coveted pre-placement offers from esteemed organizations such as Intel, BEL, Power Grid, and others. Moreover, our students have had the privilege of undertaking internships at prestigious global institutions, including the University of British Columbia, Athabasca University, University of Regina, Polytechnique Montreal, Carleton University, and numerous other esteemed establishments abroad. In the competitive landscape of hiring, firms prioritize a myriad of qualities: intelligence, boundless enthusiasm, deep domain expertise, exemplary leadership prowess, an integrative problem-solving approach, adaptability, and robust teamwork skills. With resounding confidence, we affirm that these qualities are not only present but abundantly exemplified by our students.

### PLACEMENT PROCEDURE

Invitations are sent to companies/organisations with relevant information along with the placement timeline set by the Placement Officer.

Companies/Organisation interested in recruiting the students can register themselves on the website: https://placement.nitsikkim.ac.in



A company/organisation files the online job announcement form (JAF) containing details of the job-offer followed by consignment of job description sent to Placement coordinator.



In obedience to the recruitment process, a test/interview will be conducted, preceded by sending the result of selected students.



Resumes of Students will be sent and looked upon by companies. The companies will shortlist the students as per the criteria.

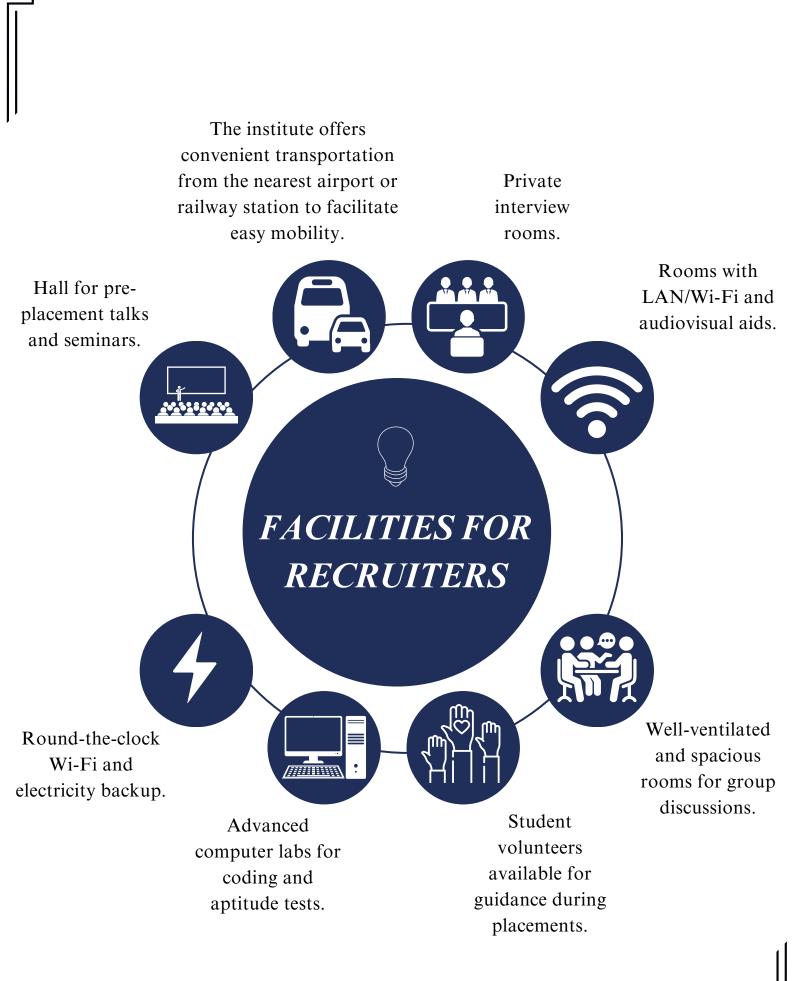


Interested and eligible students will be highly enthusiastic to appear for the recruitment process of the company.



Slots are allocated based on JAF and availability. Companies interested in conducting Pre Placement Talk can send the request on mail before the conducting process





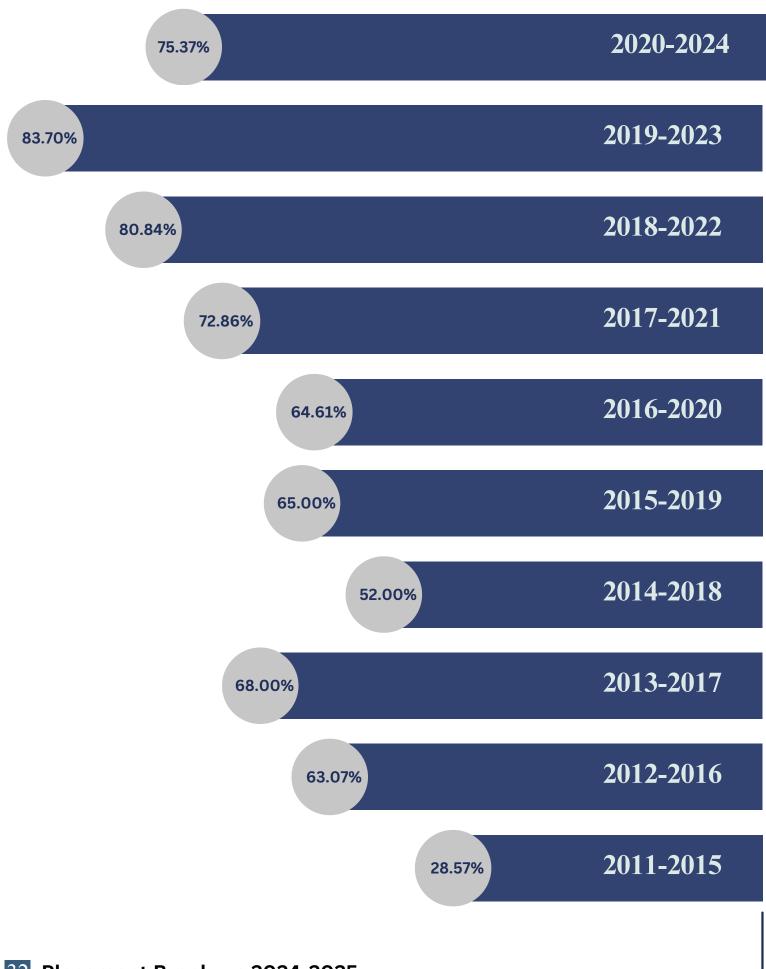
### HOW TO REACH N US?

Bagdogra is the nearest airport which is at a distance of about 130 kms from Ravangla. From there, one can hire a vehicle to reach the campus.

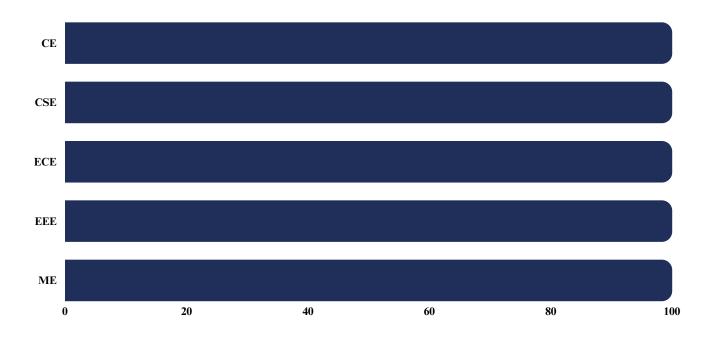
Ravangla

You can reach Siliguri via New Jalpaiguri Railway Station which is at a distance of about 4 kms from Siliguri and about a distance of 130 kms from Ravangla. From there one can reach the campus by shared/private taxi.

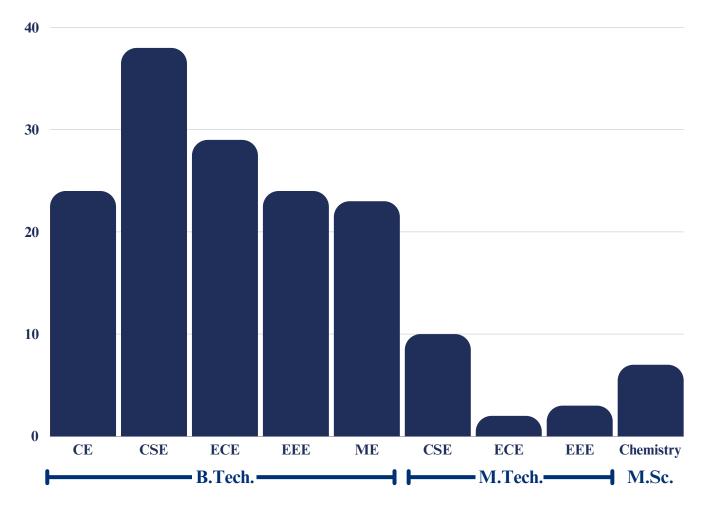
## **PLACEMENT STATISTICS**



## **INTERNSHIP STATISTICS**



### **STUDENTS INTAKE**



### <u>OUR</u> JOURNEY

**2010 -** NIT Sikkim joined the prestigious NIT family with 7 departments to offer an innovative learning experience.

> 2011 - NIT Sikkim launched its website, accessible at www.nitsikkim.ac.in

2012 - PARAM Kachenjunga, The supercomputer was installed by the Ministry of information & Communication Technology through CDAC. With digital resources, a Knowledge and information centre was inaugurated to state of the art facilities.

**2013 -** The Training and Placement Cell conducted its first placement session for the inaugural graduating batch.

2014 - The Department of Mechanical Engineering was added to NIT Sikkim. The campus celebrated the first editions of Abhiyantran (technical fest) and Udgam (cultural fest).

> **2016 -** The Training and Placement Cell achieved a placement rate of over 60%.

**2017 -** The remote campus underwent renovation.

2018 - Intensifying increase in strength, new strategies made, at the same pace as the advancement in technology. Time to fly NIT Sikkim organized its first convocation ceremony



**2019 -** NIT Sikkim unveiled a new logo approved by the Board of Governors

**2020 -** Despite being in pandemic times, activities proceeded with more strength and energy.

**2021 -** The Training and Placement Cell achieved its highest-ever placement statistics despite the challenging circumstances of the pandemic.

2022 - The campus resumed offline operations with workshops, cultural events, and sports activities. NIT Sikkim secured it's first NIRF Ranking at 173rd place.

**2023 -** The President of India laid the foundation stone for NIT Sikkim's permanent campus. The institute achieved record-breaking placements in the summer session and celebrated its cultural fest, Udgam, after a hiatus due to the pandemic.









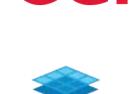












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# DELVING INTO NIT SIKKIM

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