



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), KALYANI

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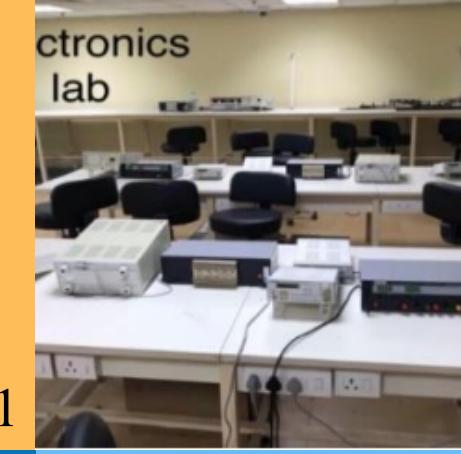
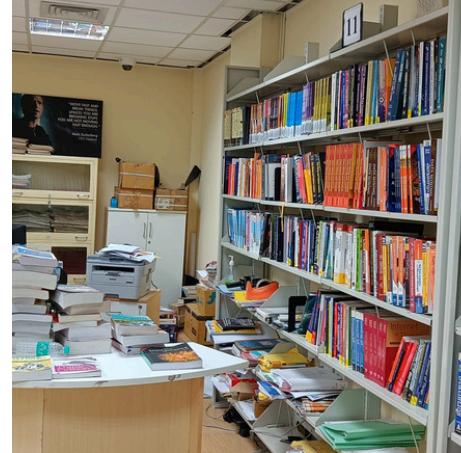
AN INSTITUTE OF NATIONAL IMPORTANCE  
ESTABLISHED BY THE GOVT. OF INDIA

## PLACEMENT BROCHURE

2024-25



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# About IIIT Kalyani

IIIT Kalyani, established in 2014 through a Memorandum of Understanding between the Government of India, the Government of West Bengal, and industry partners like Coal India Limited, Rolta Foundation, and Webel, operates under the Public Private Partnership (PPP) mode.

It gained the status of an Institute of National Importance in 2017. The institute offers a 4-year B.Tech program in Computer Science and Engineering (CSE) since its inception and introduced a B.Tech program in Electronics and Communication Engineering (ECE) and an Executive M.Tech program in Artificial Intelligence and Data Science in 2021.

Focusing on quality technical education, IIIT Kalyani equips students with the skills necessary to tackle modern industry challenges. The faculty, comprising young and dynamic doctorates from esteemed Indian and international institutions, mentors over 50 research scholars pursuing PhD degrees. With their guidance, the institute has flourished into a hub of research excellence.



# Message from the Director

It is my pleasure to introduce you to one of the youngest and vibrant technological Institutes in Eastern India, Indian Institute of Information Technology Kalyani, West Bengal. IIIT Kalyani has been set up by the Government of India (MoE), the Government of West Bengal and Industry Partners on an N-PPP mode.

The major objective of IIIT Kalyani is to set up a model of education that can produce the best-in-class human resources in IT and harness the multidimensional facets of IT in various domains. Established in 2014, the "Newness" factor of IIIT Kalyani allows it to be constantly dynamic in its curriculum.

We enjoy the flexibility to quickly respond to the rapidly changing global socio-economic conditions and can efficiently adapt to the best practices of leading technical institutes. We consider this agility essential for technical education today. We look forward to building this Institute into a world class academic institution with the highest quality of education and research activities.

We eagerly anticipate forging enduring partnerships with esteemed organizations like yours, inviting you to discover the exceptional talent pool at IIIT Kalyani through our vibrant campus recruitment drives.



-Prof. Santanu Chattopadhyay

## Message From Faculty-In-charge (TnP Cell)

IIIK Kalyani was established in 2014 with a motto to bridge the gap between education, research, and industries. The Institute offers a B.Tech. program in Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE), introduced in 2021. Equipped with state of the art equipment, facilities, and laboratories, IIIT Kalyani emphasizes not only quality technical education but also the development of interpersonal skills and team work among students essential for success in the workplace.

Faculty members engage in a wide array of research activities and industrial consultancy, enriching both teaching and practical learning experiences. To foster student industry interaction, undergraduate students participate in summer internships after completing their third year of the B.Tech. program.

These internships cultivate a corporate culture among students and enable industries to identify potential employees. IIIT Kalyani provides facilities for conducting placement sessions, video conferencing and other campus placement activities, inviting esteemed organizations and industry leaders to visit regularly. This engagement not only keeps students informed about current industry needs but also serves as a platform for companies to recruit graduates, establishing a mutually beneficial relationship.



-Dr. Pratik Chakraborty  
(Faculty-In-charge(TnP Cell))

## Message From Assistant Registrar (TnP Cell)

Greetings from the IIIT, Kalyani, an Institute of National Importance!!!

It is with great pleasure that I extend a warm invitation to your esteemed organization to participate in our Campus Placement Drive for the academic year 2024-2025. As the Assistant Registrar of IIIT Kalyani, I am thrilled to showcase the bright and innovative minds that make up our student body across various disciplines. These students are not only adept in their technical skills but are also ready to apply their knowledge and creativity to contribute effectively to your esteemed organization.

At IIIT Kalyani, we pride ourselves on maintaining an academic curriculum that is rigorously aligned with the requirements of the modern IT industry. Our students, selected through the highly competitive All India JEE examination, are among the top performers nationally. They come equipped with a solid foundation in technical knowledge complemented by problem solving skills and an innovative approach to technology. Moreover, students at IIIT Kalyani are encouraged to engage in practical learning opportunities such as internships and live projects with leading corporations. Our students have made significant contributions in various national and international forums, illustrated by their innovations and research.

We invite you to engage with this talent pool through our intended recruitment activities including pre-placement talks, internships, and final placements, starting from July, 2024.



-Mr. Chinmoy Ghosh  
(Assistant Registrar (TnP Cell))

# Academics

## Undergraduate Program

**The institute provides B.Tech programs in the following disciplines:**

- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)

## Postgraduate Program

**The institute provides Executive M.Tech. programs in :**

- Artificial Intelligence and Data Science

## Doctor Of Philosophy

- Ph.D. in major areas of CSE, ECE & Basic Sciences.

# Research & Development Areas

The faculty members and the students at IIIT Kalyani have been actively contributing to cutting edge research, including inter-disciplinary areas

## Research Areas

CSE	ECE	BASIC SCIENCES
<ul style="list-style-type: none"><li>• Computer Vision</li><li>• Natural Language Processing</li><li>• Image Understanding</li><li>• Coding Theory</li><li>• Cryptography</li><li>• Cryptology</li><li>• Block chain Technology</li><li>• Steganography</li><li>• Quantum Computing and Quantum Machine Learning</li><li>• AI and Data Science</li></ul>	<ul style="list-style-type: none"><li>• Sensor Fabrication</li><li>• Flexible Bio-electronics</li><li>• Wireless Communications</li><li>• Signal Processing</li><li>• Antenna Design</li><li>• Microwave and RF Systems</li><li>• Embedded VLSI Design</li></ul>	<ul style="list-style-type: none"><li>• Elastodynamics</li><li>• Applications of AI/ML in Atmospheric Sciences</li><li>• Seismogenic Ionosphere</li><li>• Non-Linear dynamic systems</li></ul>

# Research & Development Areas

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## Sponsored projects

The Institute is currently involved in thirteen active projects sponsored by prestigious agencies such as DRDO, SERB, MeitY, MoES, STB West Bengal, DST INSPIRE, and ISRO. Moreover, it has been awarded 11 Visvesvaraya fellowships to support students pursuing PhDs. Additionally, the Institute provides fellowships for students undertaking full-time PhD programs at the Institute.

## MoU with reputed Institutes and Industries

- Institute of Space Science, National Central University, Jhongli, Taiwan
- Bose Institute, Kolkata
- Krisko Software Private Limited Bangalore
- All India Institute of Medical Sciences (AIIMS), Kalyani
- West Bengal National University of Judicial Sciences
- West Bengal Electronics Industry Development Corporation Limited (WEBEL)
- RISE Foundation (IISER Kolkata)
- National Institute of Fashion Technology (NIFT).

# Major Industry Relevant Subjects Offered in CSE Branch

## Core Computer Science

- Data Structures and Algorithms
- Object Oriented Programming
- Formal Languages and Automata
- Compiler Design
- Operating Systems
- Computer Networks
- Database Management System
- Computer Organization & Architecture

## Data Science and Applications

- Computer Vision
- Cyber Physical System
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Natural Language Processing
- Optimisation Theory

## Advanced Computer Science

- Cryptography and Network Security
- Advanced Cryptography
- Computation Complexities IoT
- Quantum Computing

## Applied Computer Science

- Cognitive Science & Technologies
- Software Engineering
- Image Processing

## Humanities

- Economics
- Psychology
- Cyber laws and Ethics
- Soft Skill & Development
- IPR

# Major Industry Relevant Subjects Offered in ECE Branch

## Communications and Signal Processing

- Signals and Systems
- Statistical Signal Processing
- Analog and Digital Communications
- Coding Theory
- Digital Signal Processing

## Applied Electronics

- Microprocessor and Microcontroller Systems
- Embedded System Design
- VLSI Technology
- IOT

## RF/Microwave and Control Engineering

- RF and Microwave Engineering
- Electromagnetic Field Theory
- Control Systems

## Core Electronics

- Digital Logic Design and Circuits
- Analog Electronics
- Semiconductor Devices and Physics

## Computer Science

- Data Structures & Algorithms
- Computer Organization & Architecture
- Computer Networks
- Machine Learning
- Deep Learning
- Computer Vision

## Humanities

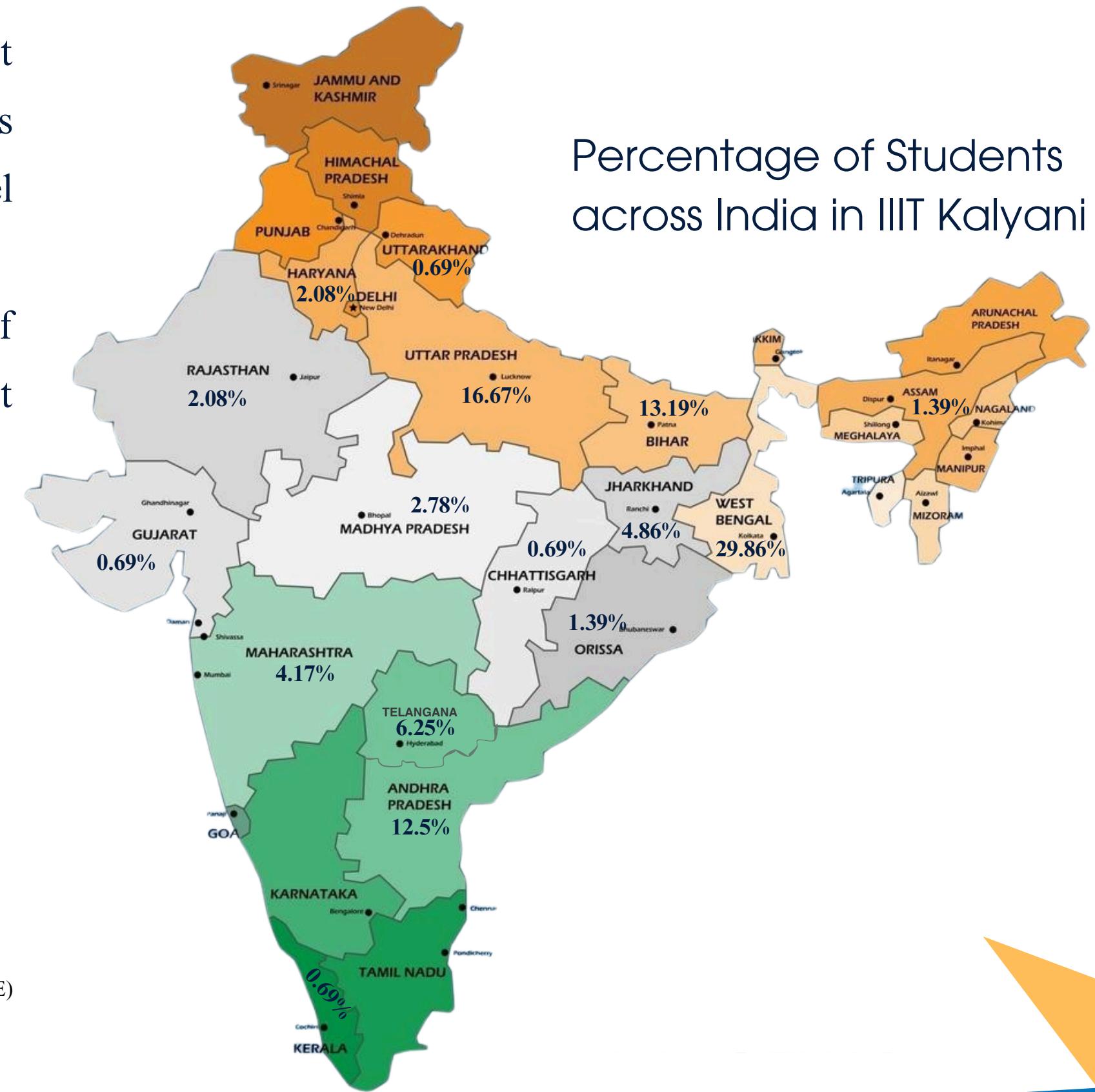
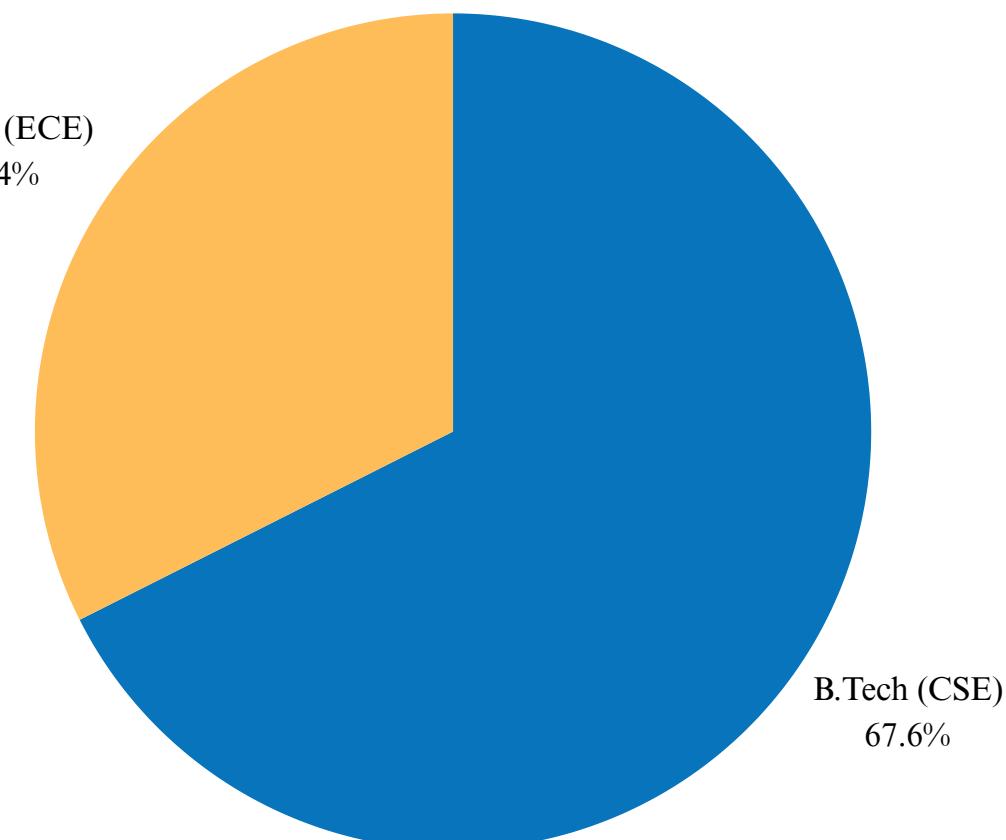
- Economics
- Psychology
- Cyber laws and Ethics
- Soft Skill & Development
- IPR

# Demographics of Students Graduating in 2025

- The B.Tech admission process at IIITs guarantees that only the most exceptional students are selected for their campuses. This is accomplished through the highly competitive national-level examination, **JEE Mains**
- The student community comprises the academically elite class of students who have come out in the top 0.5% in one of the most difficult entrance tests in the country, JEE

## B.Tech (2021-2025)

- Batch Size : 148 Students
- Gender Ratio : 1:12



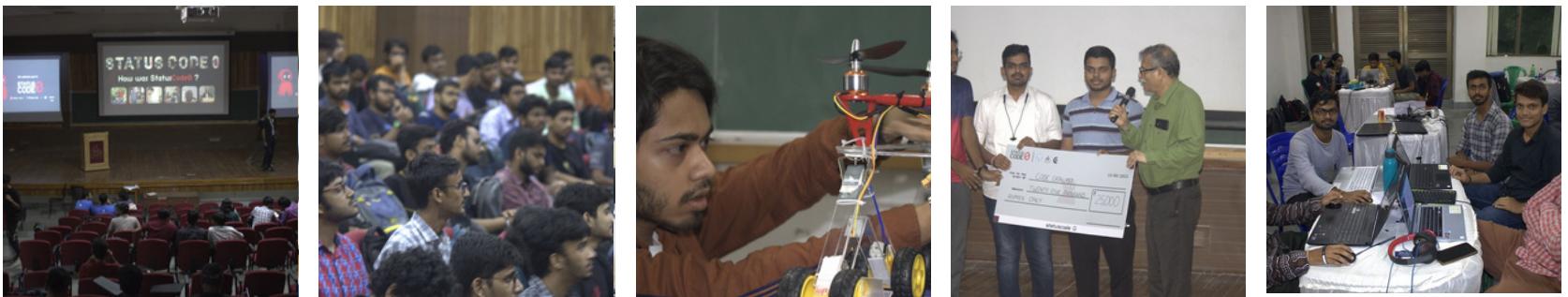
Percentage of Students  
across India in IIIT Kalyani

# Why Recruit at IIIT Kalyani

- **Status Code 0: Fostering Innovation and Skill Development at IIIT Kalyani**

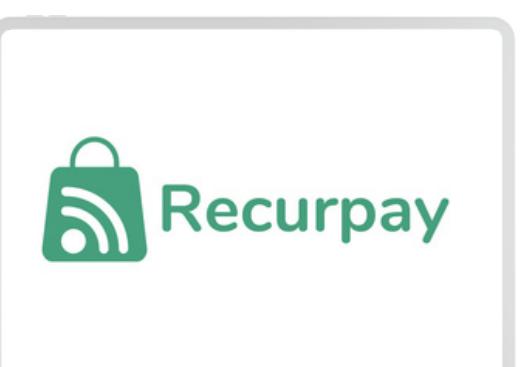
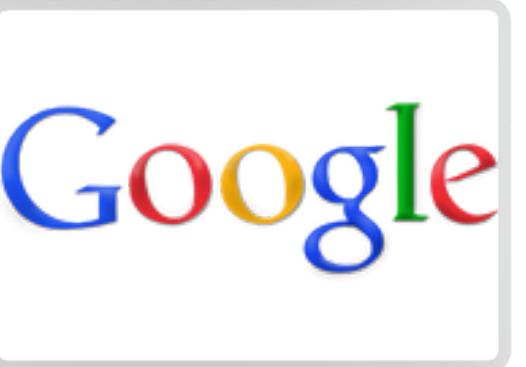


We cultivate a culture of innovation and skill development at IIIT Kalyani. Last year, we hosted 'Status Code 0', a thrilling tech event or hackathon that provided our students with a platform to demonstrate their creativity, problem-solving prowess, and technical skills. These events foster collaboration, learning, and invaluable real-world experience, equipping our students to succeed in their careers.



Additionally, this year, our college is gearing up to introduce 'Status Code 1', further expanding opportunities for our students to innovate and excel.

## Our Students Intern at!!



# Why Recruit at IIIT Kalyani

## Empowering Tomorrow's Innovators: IIIT Kalyani's 5G Lab Funded by India's Department of Telecommunications (DoT) Govt. of India

At IIIT Kalyani, we are dedicated to fostering the next generation of innovators through our state-of-the-art 5G Lab, generously funded by the Department of Telecommunications (DoT), Government of India. This cutting-edge facility equips our students with hands-on experience and expertise in the latest telecommunications technologies, preparing them to meet the evolving demands of the industry. As a result, our graduates are not only equipped with theoretical knowledge but also practical skills that make them highly sought-after by leading companies in the field. Join us at IIIT Kalyani and embark on a journey towards a successful career in the vibrant world of information technology and telecommunications.



### Goals of the Program:

**5G Training:** Equipping students and faculty with specialized 5G training, enabling them to harness the full potential of this transformative technology.

**Projects in 5G:** Encouraging students to undertake research projects and experiments that contribute to the advancement of 5G technology and its applications.

**Industry-Academia Collaboration:** Facilitating meaningful partnerships between academic institutions and industry leaders, leading to mutually beneficial initiatives.

**5G Use Case Development:** Empowering students to develop innovative use cases that leverage 5G capabilities, addressing real-world challenges.

**Providing Test Setup:** Offering a real-world testing environment for students and researchers to validate their 5G concepts and solutions.

**6G Ready India:** Pioneering the path towards a 6G-ready nation by nurturing the skills and expertise required for the next generation of wireless technology.

# Why Recruit at IIIT Kalyani

## • Student Achievements (Google Summer Of Code )

Students from IIIT Kalyani have actively participated and achieved success in Google Summer of Code, demonstrating their proficiency in software development and project management by contributing to and winning accolades in open-source projects under Google's mentorship.



- Rishi Kumar(GSoC 2023)
- Akshit Choudhari (GSoC 2023)
- Prayag Biswas(GSoC2023)
- Shubham Kumar (GSoC 2023)
- Ankit Gupta(GSoC 2022)

## • Student Achievements(Smart India Hackthon)

As winners of the Smart India Hackathon 2022, both teams demonstrated formidable skills and the potential for meaningful change.

- The Samurai team, including **Shubham Kumar, Hamdaan Ali, Oindrila Das, Akshit Choudhari, Prayag Biswas and Aayush Gupta** impressed with their collaborative and technical prowess.
- The Clovers team, comprising **Tathagata Roy, Ali Asad Quasim, Anuj Kirodia, Aditya Agarwal, Soumya Tiwari and Shubh Rai** showcased dedication and innovative thinking.



## • Student Achievments

- 111th RANK IN GOOGLE KICKSTART WORLDWIDE
- 27th RANK AMONG INDIAN CODEFORCES USERS



## • Student Achievements(Top 30 in Electhon 2023)

Team "Hacking Commission" consisting **Aditya Agarwal, Akash Parua and Subham Maji** selected for the final round in this national level Hackathon



## • Student Achievments (Winners, UtkalHacks 2.0)

A team of two students (**Shivam Prajapati and Abhishek Amrute**, 2022 Batch) won the first prize at UtkalHacks 2.0 , Ravenshaw University



## • Student Achievements(ACM ICPC Amritapuri 2020)

- Bit Masketeers - AIR 37 (**Sayan Medya, Anubhav Dinesh Patel, Bharat Keswani**)
- Not Gonna Byte - AIR 430 (**Kunal Kumar Barman, Subhadip De, Naresh N.**)
- Null Bytes - AIR 475 (**Rehan K., Naved Inam, Mohit Raj**)



## • Student Achievments(Inter-IIIT Sports Meet 2024)



- Preetraj Gupta achieved 2nd runner-up in swimming, demonstrating skill and determination in the competition, earning recognition for outstanding performance.

## • Student Achievements(Inter-IIIT Sports Meet 2024 )

- Arshalan Quassian led his team to 3rd place in cricket, showcasing exceptional leadership and sportsmanship throughout the tournament.



# Facilities in IIIT Kalyani

## COMPUTER LABS

The Computer labs are located at Webel IT park Phase I, 2nd floor. These Computer Centers caters to the need of different academic departments and various sections of the Institute by providing and managing extensive computing & networking facilities to the Institute. To facilitate the use of the latest information technology in Institute's teaching, learning, research and administration, to put innovation in technology transfer, to assist the Institute in its mission; to enable faculty, staff and students to use the computer and network resources effectively and efficiently and to aim to provide the best quality IT services in the region.



## LIBRARY

The library at IIIT Kalyani boasts an extensive collection of books, journals, and digital resources catering to computer science, engineering and electronics disciplines. It provides a conducive study environment with designated study areas, digital access to e-books, journals, and databases, supporting research with publications and thesis works. The library offers essential services like circulation, inter library loans, and reference assistance, facilitated by knowledgeable staff. Modern amenities such as computer terminals, printers and photocopying services further enhance academic and research activities.



Google Developer Student Clubs are university based community groups for students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome. By joining GDSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community. GDSC IIIT Kalyani is all set!



## Free and Open-Source Software Club(FOSS Club)

The Free and Open Source Software (FOSS) Club at IIIT Kalyani serves as a university based community group for students passionate about open-source technologies. Students from all undergraduate and graduate programs who are keen on expanding their skills as developers are encouraged to join. By becoming a part of the FOSS Club, students engage in peer-to-peer learning, deepen their understanding of open-source software and collaborate on projects that benefit local businesses and the community. FOSS Club IIIT Kalyani is poised to foster a vibrant environment where students can innovate, learn and contribute to the advancement of open-source initiatives.

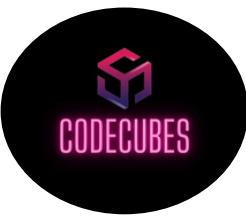


FOSS Club



# Student Clubs

## Gymkhana



### CODECUBES (CP Club)

CodeCubes, the Coding Club of IIIT Kalyani, a place where the love of coding meets countless opportunities! CodeCubes is a vital component of our esteemed Computer Science Engineering programme and exemplifies its culture of invention, teamwork and excellence. The PyNova Python Contest is one such occasion where competitors can demonstrate their Python programming prowess and compete for top prizes.



### SEAL (Robotics Club)

IIIT Kalyani's Robotics Club, S. E. A. L., is a prominent part of the Tech Club within the Gymkhana. With a track record of resoundingly successful events like Converse, a series of discussion sessions focused on control systems and Automation, sessions with hands-on deep-dive into the world of microcontrollers, S.E.A.L. Robotics Club has showcased its commitment to fostering a culture of collaboration and problem solving.



### FREESCAPE (Open Source Club)

Freescape IIIT Kalyani is the official open-source and development oriented club under the Gymkhana tech umbrella. At Freescape, we are dedicated to promoting open source culture by organizing events, advocating for open-source software and actively contributing to their development. We also prioritize values such as fostering strong team bonds, maintaining a community-focused approach and nurturing relationships among like-minded individuals. So far in the past year, we have organised prestigious events like Aarambh, Intro to Open Source, PyNova, Getting Started with GSoC and Pratiti.



### PIXEL

PiXeL is a dynamic club at Gymkhana, IIIT Kalyani, dedicated to fostering creativity and overall development among students. Through its focus on arts, mathematics and various other creative pursuits, PiXeL provides students with opportunities to explore their talents and think critically by organizing workshops, competitions and exhibitions.



### SPORTS CLUB

At IIIT Kalyani, the Sports Club is a vibrant and dynamic community that fosters a spirit of healthy competition and teamwork. Despite being a college primarily focused on Studies we believe in the holistic development of our students and our Sports Club is a testament to this belief. Our Sports Club not only encourages physical fitness and competitive spirit but also instills essential life skills such as leadership, teamwork and perseverance.



### SYMPHONY(Music Club)

Symphony Music Club is a vibrant and dynamic cultural club that thrives within the lively atmosphere of the college campus. As a haven for music enthusiasts, the club offers a diverse range of activities that cater to the various tastes and talents of its members. From classical symphonies to contemporary pop tunes, the club embraces a wide array of genres, ensuring a rich and inclusive musical experience for all.

# Student Clubs

## Gymkhana



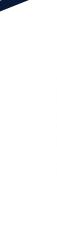
### GROOVZ (Dance Club)

GROOVZ, The dance club is the ultimate destination for those seeking a captivating and immersive dance experience. With a pulsating sound system and mesmerizing lighting effects, the atmosphere comes alive, igniting your passion for dance. Whether you're a seasoned dancer or a novice looking to explore new moves, our skilled instructors (Secretary & choreography lead) and diverse range of dance styles ensure there's something for everyone.



### SPOTLIGHT (Drama Club)

The spotlight club exists to foster the appreciation and study of filmmaking. The purpose of our club is to give students the opportunity to approach all aspects of film and film making in a serious, meaningful and in-depth manner. If you love watching films, talking about them, making them, or just have interest in connecting with other film lovers, you've come to the right place.



### UDAAN (Literary Club)

Udaan, the literary club of IIIT Kalyani, is a realm of literature decorated with the gems of diversity our nation holds. The club is working with the vision to create a venture for the writers with the flow of love and light in mind, speakers having rain and thunder in words and listeners with a silky heart and seething blood and in a mission to promote the same by conducting various events in the institute.

# Placement Procedure



Student Registration on placement portal



Invitation to companies for campus placement drives



Eligibility check and details of eligible students are made available to organization (on request )



Announcement of JNF & Online company registration



Slot allotment to the company as per available schedule

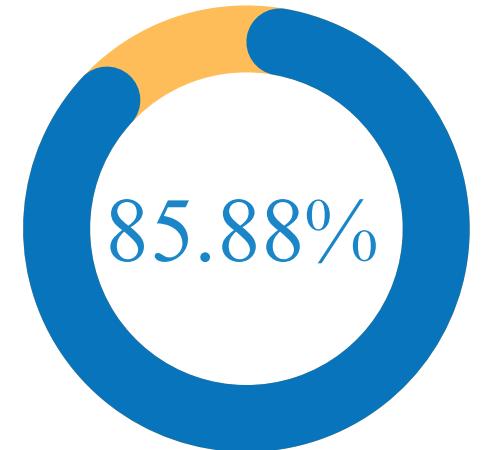


Recruitment process by the company Recruiters (Tests/Interviews)

# Placement Statistics

(Overall)

2023-24



Placement Percentage  
(Overall)

Students Registered - 75

Highest Package (CTC) - **44 LPA**

Average Package (CTC) - **11.47 LPA**

Registered students with offers - **70** (On Campus + Off Campus)

No. of students select for Higher - **03** Studies

At IIIT Kalyani, our commitment to student success shines through our placement statistics. Many students secure lucrative roles even before on-campus placements begin, showcasing our proactive approach and strong industry ties.

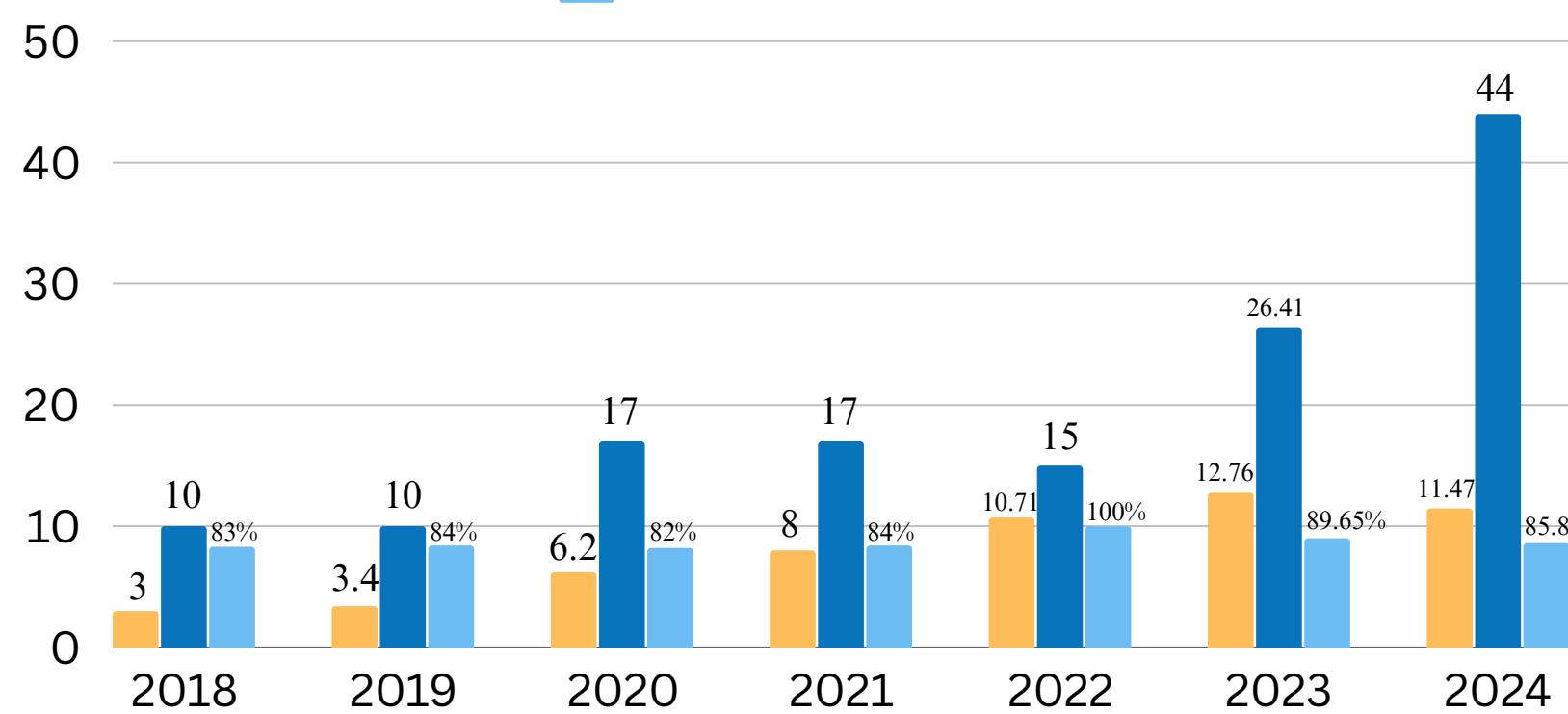
Our impressive off-campus placement record highlights our graduates' employability and the trust industry leaders have in IIIT Kalyani as a top talent pool. On-campus sessions then expand career horizons, enhancing professional growth.

Discover boundless opportunities at IIIT Kalyani your launchpad to a thriving career.

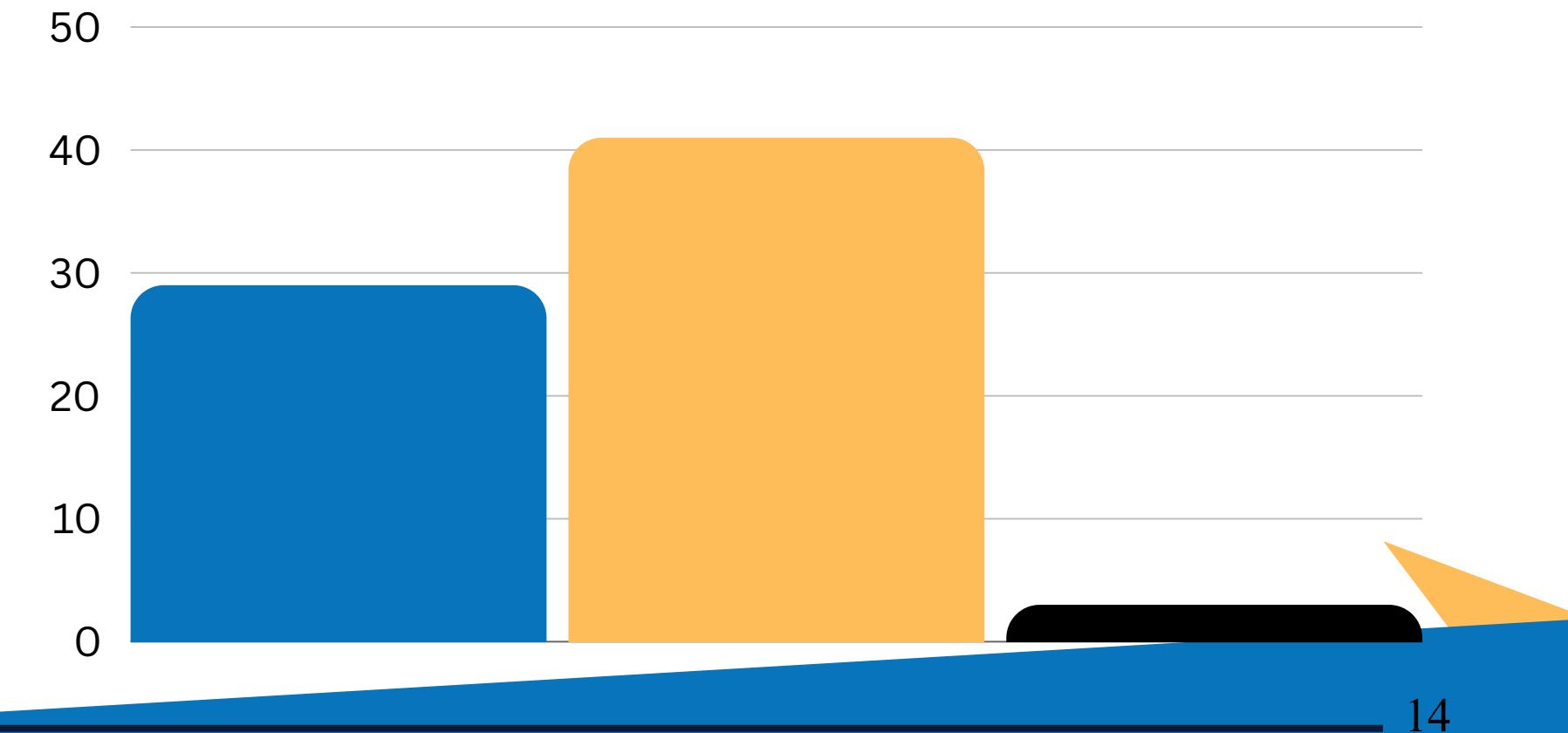
## Year Wise Offered Salary(in LPA)

■ Avg. Package in LPA ■ Highest Package in LPA

■ Percentage Placed/10



■ No. of Students Placed(On Campus)  
■ No. of Students Placed(Off Campus)  
■ No. of Student Opting for Higher Studies



# Our Alumnis At



# Placement Team

Faculty In-charge, Training and Placement Cell, IIIT Kalyani



**Dr. Pratik  
Chakraborty**

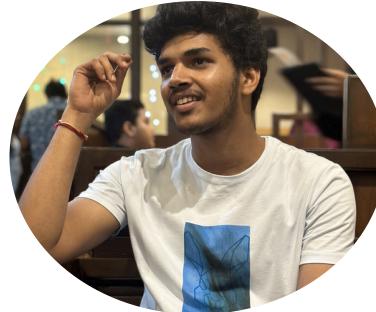


**Mr. Chinmoy  
Ghosh**

## Student Placement Coordinators



**Rajesh Kumbhakarn**  
(ECE)



**Sarath Sai**  
(CSE)



**Yash Rastogi**  
(CSE)



**Divyanshu Kumar**  
(ECE)



**Pratham Prajapati**  
(CSE)

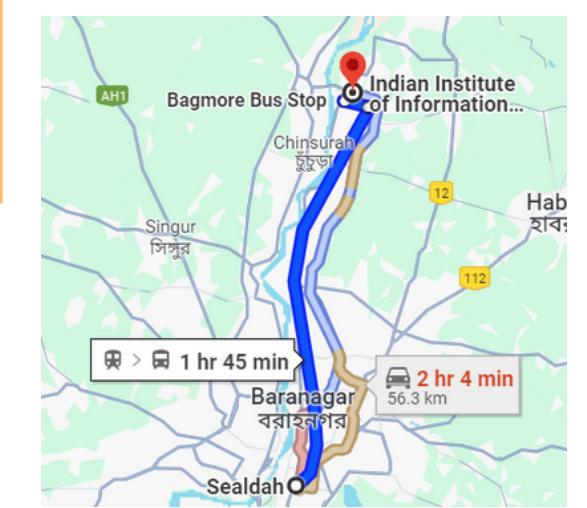


**Shubh Rai**  
(CSE)

# How to Reach Us?

## Rail Connectivity

As IIIT Kalyani's permanent campus is under construction, hence currently all Official Works, Classes & Labs are functioning at temporary campus. The campus is located at Webel IT Park, Kalyani and is well connected with major railway stations of Sealdah, Sealdah Junction is approx 45 KM away from campus and Kalyani Station is less than 3 KM from the campus. Railway Services to the city are frequent and daily trains are available from Delhi, Mumbai, Lucknow, Chennai & Bangalore Regions.



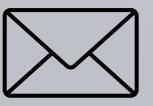
## Air Connectivity



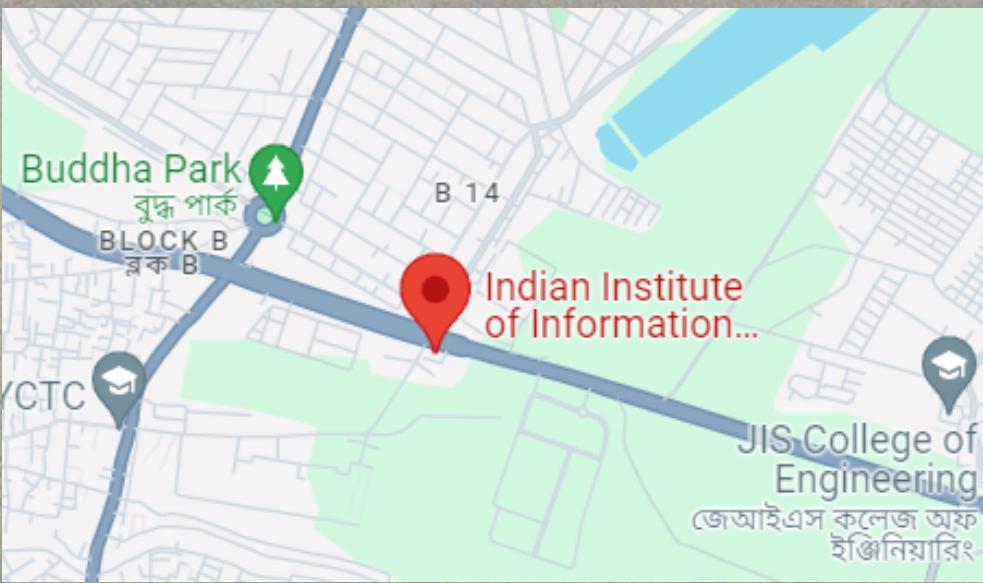
Netaji Subhash Chandra Bose International Airport in Dum Dum (Kolkata) is a hub for Supreme Airlines and Alliance Air in India. It connects Kolkata with all major commercial cities like Delhi, Bengaluru, Hyderabad, and Mumbai through non-stop flights. Located at 40 Km from IIIT Kalyani. It takes approximately 1.5 hrs to reach the college campus

# Contact Us

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