Placement Brochure

2 0 2 3 - 2 4

Indian Institute of Information Technology

Kalyani

An institute Of National Importance Under Ministry of Education, Govt. of India, Department of Information Technology and Electronics, Govt. of West Bengal and Industry Partners

About the **Institute**

In 2014, a Memorandum of Understanding (MoU) was signed between Govt. of India, Govt. of W.B. and Industry Partners, viz; Coal India Limited, Rolta Foundation and Webel, for setting up of IIIT Kalyani under Public Private Partnership (PPP) mode. In 2017, IIIT Kalyani has acquired the status of an **Institute of National Importance**. The Institute has been offering a 4-year B.Tech degree programme in Computer Science and Engineering (CSE) since 2014. Another 4-year B.Tech degree programme in Electronics and Communication Engineering (ECE) along with an M.Tech program in Artificial Intelligence and Data Science, have been initiated in 2021.

The Institute aims to impart quality technical education to students, along with the skill set required to solve complex problems faced by the industry in the 21st century. The Institute is backed by young and dynamic faculty members, who are doctorates from prestigious Institutes and Universities in India and abroad. Under their able guidance, more than 50 research scholars are working towards their PhD degree. Over the years, the Institute has transformed into a place of research excellence.

IIIT Kalyani looks forward to receive enormous support and help from the major industries in India. Some of the major IT Companies such as Amazon, Trilogy Innovations, C-DOT, Sigmoid, Publicis Sapient, Accolite, Byju's, Cogoport, Wipro, TCS, Cognizant, IBM, PWC, Yellow Class, Goldman Sachs, ShareChat, OLA, Mihup, TCG, Deloitte, Jio, Capgemini, MAQ Software, Cisco, Tata 1mg, Nvidia and many more, have recruited students from this Institute. It is a calm, peaceful and productive place to study, with a student-friendly atmosphere all around.

The insitute has 15 ongoing sponsored projects funded by reputed agencies such as DRDO, SERB, DPCI, ITEA, Meity, WBSTBT and MoE.

Message From The Director
Prof. Santanu Chattopadhyay

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.

IIIT Kalyani has been set up by the Government of India (Ministry of Education), Government of West Bengal, and Industrial Partners on a N-PPP basis. Additionally, Government of West Bengal has lent support to the Institute by granting 50-acres of land for setting up the campus. The major objective of IIIT Kalyani is to set up a model of education which can produce best-in-class human resources in IT and harnessing the multidimensional facets of IT in various domains. Established in the year 2014, the "unique nature" of IIIT Kalyani allows us to be constantly dynamic in our curriculum. We enjoy the flexibility to quickly respond to the rapidly changing global socio-economic conditions, and can efficiently adapt the best practices of leading technical institutes. We consider this agility for technical education today. We look forward to build this institute as a world-class academic institution with the highest quality of education and research facilities.

Prof. Santanu Chattopadhyay
(Director, IIIT Kalyani)

Message From The Chairman
Mr. Manoj Kohli

Warm greetings to all the stakeholders in the Placement Session of IIIT Kalyani – my beloved students, companies visiting the campus for recruitment drives, and the Training & Placement cell of the Institute facilitating the whole recruitment process. This stage is very crucial for the graduating students as they venture into a new phase of their life to fulfil their dream. I wish all the best to their journey.

IIIT Kalyani, established in 2014, is very young with six B.Tech. batches graduating so far. The placement records of previous years are nevertheless quite encouraging, with continuous improvement over the years. The young and vibrant faculty members of the Institute have made sure that adequate knowledge is imparted to the students, making them ready to pick up the technological and management challenges in their career. With the kind of grooming we give our students in both theory and practical aspects of their engineering curriculum, I am sure that frontier companies in the domain of Information Technology will be highly interested in recruiting them. In the broader picture, I see this as an overall development in terms of sociotechnical growth in our country.

In this background, I would like to invite all the corporates involved in the domain of Information Technology to visit IIIT Kalyani and recruit our students.

Manoj Kohli
(Chairman, Board Of Governors)

Faculty-In-charge (TnP Cell)

Dr. Pratik Chakraborty
Faculty In-charge, Training and Placement Cell, IIIT Kalyani

Dr. Sanjay Chatterji
Faculty In-charge, Training and Placement Cell, IIIT Kalyani

IIIT Kalyani was established in 2014 with a motto to bridge the gap between education, research and industries. It offers a B.Tech. program in Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE) (Initiated since 2021). The Institute is equipped with current state-of-the-art equipment/ facilities/ laboratories. Faculty members, besides teaching, are involved in a broad range of research activities and industrial consultancy. Apart from imparting quality technical education, we pay special attention on interpersonal skill development and teamwork among students, which are the essential ingredients to excel the workplace. To emphasize on student-industry interaction, our undergraduate students undergo summer internships at the end of 3rd year of their B.Tech. program. Such endeavors not only inculcate a feel of the corporate culture among students, but also help industries to identify potential candidates as their prospective employees. We have the required facilities to conduct placement sessions, video conferencing, etc. to organize campus placement activities. We invite esteemed organizations and eminent industry personnel to visit our campus regularly. We envision this as opportunities to make students aware of the current industry needs, apart from building the platform for the companies to recruit our students and establish a synergetic interface. In addition, we also invite the companies to induct our third year undergraduate students for summer training/internships.

Academic Programs

The academic structure of IIIT Kalyani exhibits the diversity, comprehensiveness, and depth befitting an institution of its age and stature. The programmes/courses offered at the Institute have the flexibility to evolve and change in response to new requirements. They serve the dual purpose of building a solid foundation of knowledge and of enhancing confidence, creativity and innovation in its students. A unique attribute of IIIT Kalyani's academic structure is the autonomy enjoyed by the faculty in designing and structuring their curriculum and courses. A favourable student-teacher ratio ensures productive and personal contact between students and the teachers. Finally, credit-based academic programmes offer flexibility to students to progress at their own pace.

This system ensures academic programmes that are dynamic, constantly evolving, and which reflects the Institute's commitment to stay tuned with the expanding frontiers of knowledge worldwide. The Institute provides high quality education, and ensures that its students are also of an exceptionally high calibre. Admission to IIIT Kalyani is enabled through Joint Entrance Examination (JEE-Main) only for the undergraduate programmes.

IIIT Kalyani's B.Tech. programme admits 118 students for Computer Science and Engineering (CSE) and 60 students for Electronics and Communication Engineering (ECE). Seats are filled up through Joint Seat Allocation Authority (JoSAA) after qualifying JEE (Main) examination administered by the National Testing Agency (NTA).

Academic Courses
Computer Science and Engineering

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 & 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

Academic Courses
Electronics & Communication Engineering

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
- Cognitive Science & Technology
- IPR

Ph.D.
Academic Programmes

The Institute offers Doctor of Philosophy (Ph.D.) programme in areas related to Computer Science, Electronics and Physical Sciences. Ample opportunities are provided to research-minded students to exhibit their research skills and participate in pioneering research activities. Currently, over 50 Research Scholars are working towards their Ph.D. degree in diverse areas. With collective efforts by the Research Scholars and by the faculty members, research works have got published in highly acclaimed journals and conferences.

Research Areas

- **Coding Theory**
- **Cryptology**
- **Computer Vision**
- **Digital Geometry**
- **Natural Language Processing**
- **Radio-Wave Propagation**
- **Signal Processing**
- **5G Communications**
- **Elastodynamics**
- **Seismogenic Ionosphere**

Placement Statistics

2022-23

89.65%

Placement Percentage

58
Student Registered

26.41 LPA
Highest Salary

12.76 LPA
Average Salary

12 LPA
Median Salary

81
Number of Job Offers

52
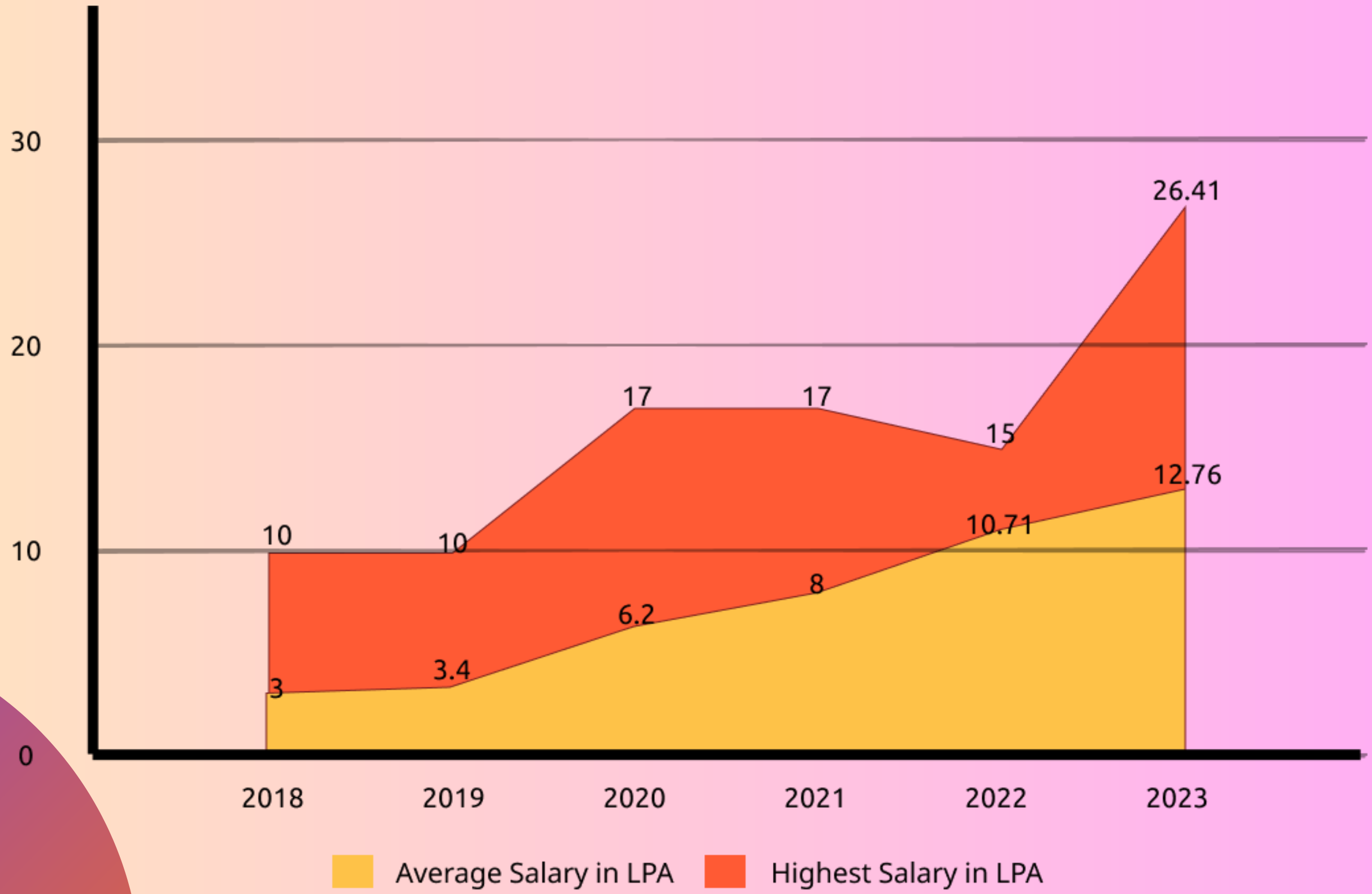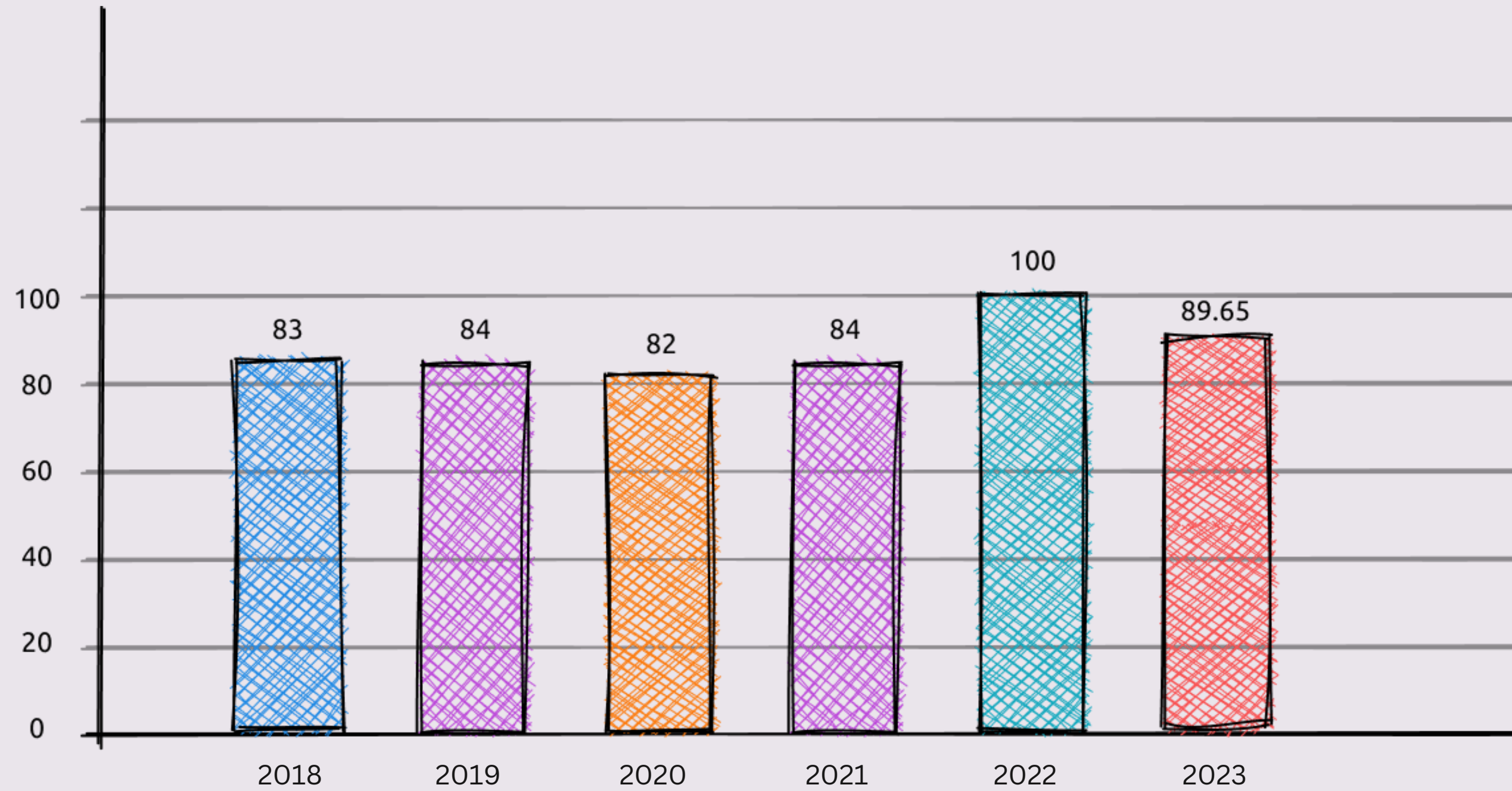Registered Students are offered Jobs

Year Wise Offered Salary(in LPA)

Legend:
- Average Salary in LPA
- Highest Salary in LPA

Year	Average Salary in LPA	Highest Salary in LPA
2018	3	10
2019	3.4	10
2020	6.2	17
2021	8	17
2022	10.71	15
2023	12.76	26.41

Year Wise
Placement Percentage

Year	Percentage
2018	83
2019	84
2020	82
2021	84
2022	100
2023	89.65

TOP Recruiters

Academic Internships

amazon

Deloitte.

Infosys

Jio

MAQ Software

Qualcomm

314e

virtusa

SIGMOID

cognizant

tcs TATA CONSULTANCY SERVICES

Extramarks

indiamart

SAMSUNG

YELLOW CLASS

ERICSSON

Kickdrum

planetspark

publicis sapient

CGI

nagarro

cogoport

wipro

Capgemini

Companies Visited

#

314e IT Solutions India Pvt. Ltd

A

Amazon
Accolite
Addverb
Anthem
Apollonius Computational
Business Solutions Pvt Ltd
Affine
Apply High
Adecco

B

Beehyv
Boltzman
Brigosha Technology Pvt Ltd
Byju's

C

Capgemini
Capgemini Phase 2
CGI
Cisco

Cognizant
Cogoport
C-DOT
CRM
Crove

D

DarwinBox
Decision Point
Deloitte
DeltaX
DotPe

E

ElectricPe
Elucidata
Ericsson

G

Gupshup
GoBudGo

H

Haldia Petrochemicals

I

IndiaMart
Infosys
innominds
Infologitech Systems

J

JIO Digital Life
JTG

K

KickDrum
Kuliza

M

MAQ Software
ModernMonks
Mindfire Solutions

N

Nagarro
NewGenesis
Nvidia
NvidiaWomen
Nextwave
National Digital Library

O

Octro
OneFin
Oneshot

P

Planet Spark
PPL Work
Prolifics
Publicis Sapient

Q

Quolum
Qualcomm

R

Real Variable INC
Right Doctor
Ritwik
Rules

S

Samsung
SAP
ShopConnect
Sigmoid
Synopsys
Sparrow

T

Tata1 mg
Taylor & Francis
TCS
Techolution
Tejas
Thrillophilia
Trilogy Innovations

U

Undertaking
Unfied Infotech Pvt. Ltd.

V

VessarLab
VessarLab Phase 2
VAP

W

Wiley-mthree

Y

Yellow Class

Z

Zensar
Zycus

Students' Achievements

Google Summer Of Code

Rishi Kumar(GSoC 2023)
Prayag Biswas(GSoC2023)
Aditya Agarwal(GSoC 2023)

Akshit Choudhari (GSoC 2023)
Shubham Kumar (GSoC 2023)
Ankit Gupta(GSoC 2022)

Smart India Hackathon

- The Samurai team, including **Shubham Kumar, Hamdaan Ali, Oindrila Das, Akshit Choudhari, Prayag Biswas, and Aayush Gupta**, impressed with their collaborative and technical prow-ess.

- The Clovers team, comprising **Tathagata Roy, Ali Asad Quasim, Anuj Kirodia, Aditya Agarwal, Soumya Tiwari, and Shubh Rai**, showcased dedication and innovative thinking.

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

Students' 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

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

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)

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

Gymkhana
Student Clubs

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.
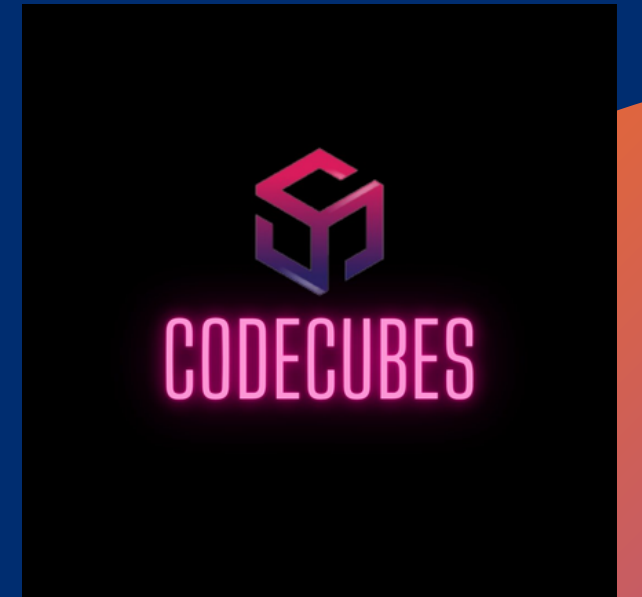
FreeScape (Open Source Club)

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.

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 focussed on control systems, and Automaton, 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.

Gymkhana
Student Clubs

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 Computer Science Engineering & Electronics and Communication Engineering, 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.
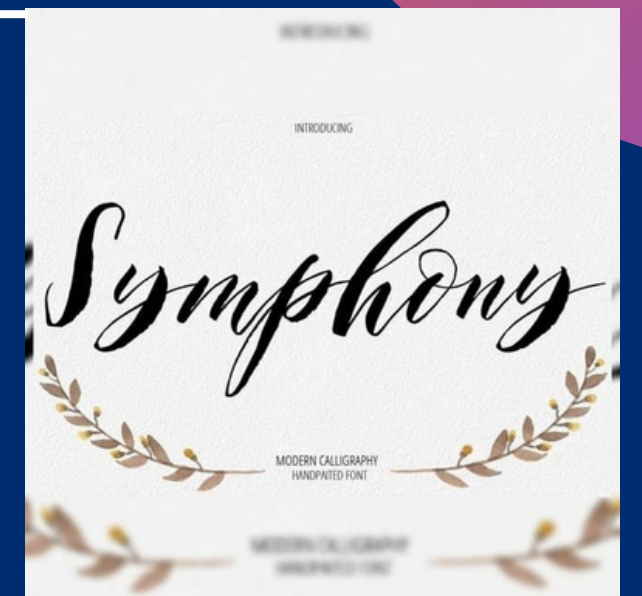
Student Clubs
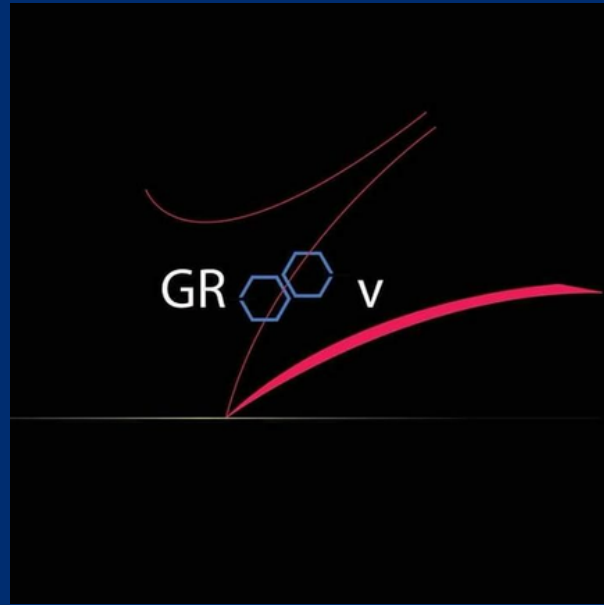
GROOVZ (Dance Club)

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.
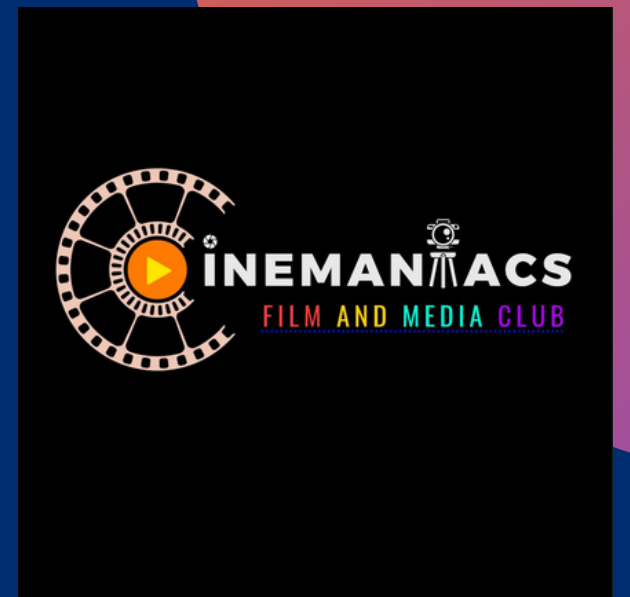
Udaan (Literary Club)

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.

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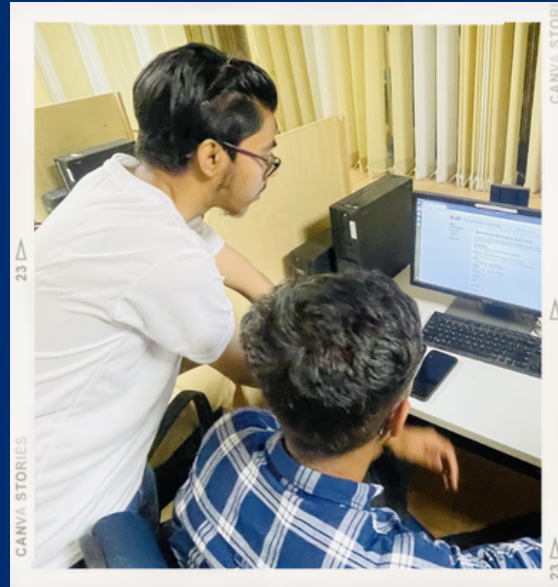
Google Developer Student Clubs are university based community groups for students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome. By joining a GDSC, students grow their knowledge in a peer-to-peer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

Contact Us

Dr. Pratik Chakraborty
Faculty In-charge, Training and Placement Cell

📞 +91 8168824544

Dr. Sanjay Chatterji
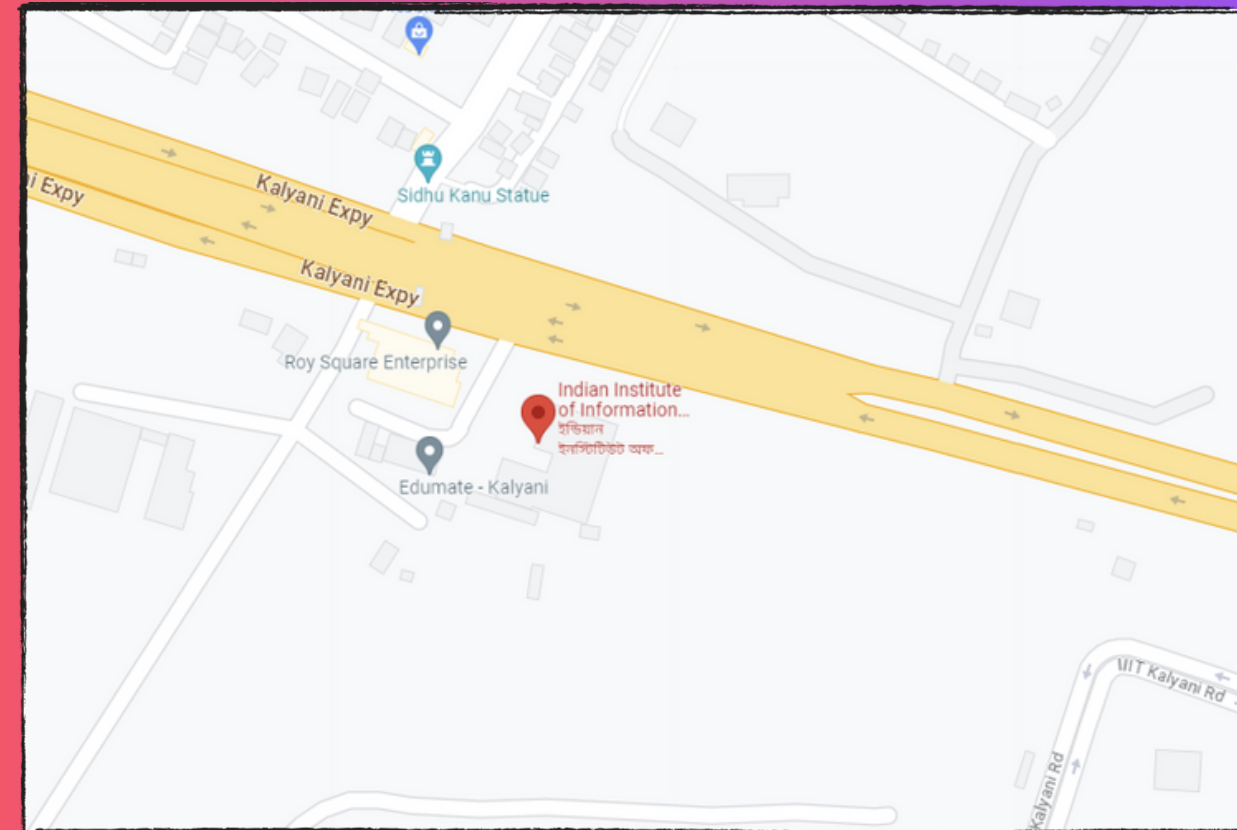Faculty In-charge, Training and Placement Cell

📞 +91 97401 22889

Student Coordinators
Training and Placement Cell

- 🔗 **Anuj Kirodia**
- 🔗 **Ali Asad Quasim**
- 🔗 **Yashraj Singh**
- 🔗 **Aman Yadav**

✉️ tnp@iiitkalyani.ac.in

🌐 https://iiitkalyani.ac.in/placement/

📍 Webel IT Park, Kalyani, Nadia, West Bengal - 741235

Indian Institute of Information Technology Kalyani

WEBEL IT Park Campus
Opposite of Water Treatment Plant
Kalyani – 741235, Dt. Nadia West Bengal

www.iiitkalyani.ac.in