

# Placement Brochure



## Indian Institute of Information Technology Kalyani

An Institute of National Importance

An autonomous institution under MHRD, Govt. of India, Department  
of Technology and Elec. Govt. of West Bengal, and Industry Partners





**Prof. Santanu Chattopadhyay**

Director, IIIT Kalyani

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 Government of India (MHRD), Government of West Bengal and Industry 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 "Newness" factor 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 essential 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 activities.

**Prof. Santanu Chattopadhyay**  
( Director IIIT Kalyani)

IIIT Kalyani was established in 2014 with a motion to bridge the gap between education, research and industries. It offers a B.Tech programme and is equipped with state of the art equipment/facilities/laboratories and its faculty members are involved in a broad range of research areas and industrial consultancy. Our professors are well experienced with an emphasis on the technical knowledge, communication, teamwork and life-long learning skills which graduates need to excel at the workplace and solve real life engineering problems.

To highlight student-industry interaction at our institute, at the end of 3rd year students from undergraduate engineering streams go for a summer internship as a part of the course curriculum. This summer internship programme helps industries to harness the talents of students.

"We have the required facilities to conduct placement sessions, video conferencing, etc. to organize campus placement activities. We provide all the possible support and guidance to the students for this purpose. I invite esteemed organizations to visit our campus for the recruitment. Your visit shall provide a platform to utilize the technical knowledge and motivated young talent of our students establishing a synergetic interface. Besides I also invite the companies to take our third year undergraduate students for summer training/internship."



**Dr. Debasish Bera**

Faculty In-charge  
Training and Placement (IIIT Kalyani)



**Dr. Pratik Chakraborty**

Associate Faculty In-charge  
Training and Placement Officer  
(IIIT Kalyani)



**Mr. Sudeep Chowdhury**

Training and Placement Officer  
(IIIT Kalyani)

### 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. Under the guidance of the Mentor Director Prof. Partha P. Chakrabarti (Director IIT-KGP), Executive Director Prof. Anupam Basu (Director NIT-DGP) and number of industry representatives. The institute has designed a 4-year B. Tech programme CSE along with the skill set required for solving complex problems, faced by the industry in 21st Century. The Institute is backed by young dynamic PhD faculty members coming out of national institutes of India. The R&D is growing up day-by-day with the Professors and Students. With the NASSCOM Head of Eastern Region, FICCI & CII associated with this IIIT, the Institute will try to provide internship to the students in the major industries of the country. The Industry Partners are from Coal India Limited, Rolta Foundation & JSW Steel Limited. The IIIT Kalyani looks forward to receive enormous support and help from the major industries of India. It is connected with IT Companies such as Wipro, TCS, Cognizant, IBM, PWC, Yellowclass, Goldman Sachs, ShareChat, OLA, Mihup, TCG, Deloitte, Jio, Capgemini, MAQ Software. It is a calm, peaceful and productive place to study and student-friendly atmosphere all around.

# Placement Statistics

Batch (2017-21)

75

STUDENTS REGISTERED FOR PLACEMENT

17 LPA

HIGHEST SALARY OFFERED IN CAMPUS  
RECRUITMENT

8.56 LPA

AVERAGE SALARY OFFERED IN CAMPUS  
RECRUITMENT

95

JOB OFFERED TO REGISTERED STUDENTS

# Placement Statistics

Batch (2017-21)

15

Above 10 LPA

26

8 - 10 LPA

10

5-8 LPA

3

Below 5 LPA

Salary distribution

Less than 5 LPA

5.6%

5 - 8 LPA

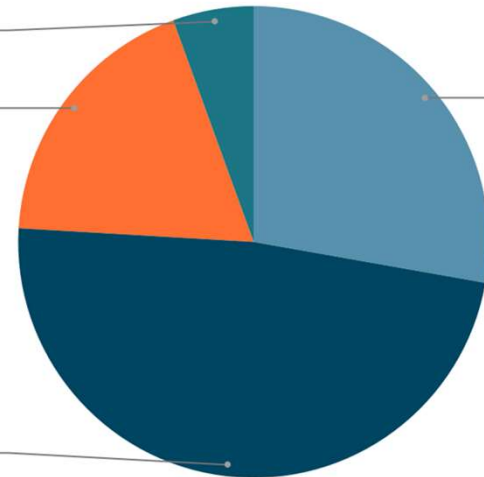
18.5%

Above 10 LPA

27.8%

8 - 10 LPA

48.1%



# Companies where our alumni work

Our alumni have proven their skill and have been working in various reputed companies

amazon

CISCO

Jio

TCG DIGITAL

Deloitte.

Infosys

MAQ Software

314e | HEALTHCARE  
DELIVERED IT

Extramarks

Education Made Easy & Effective

OLA

wipro



AppyHigh

Capgemini



ShareChat

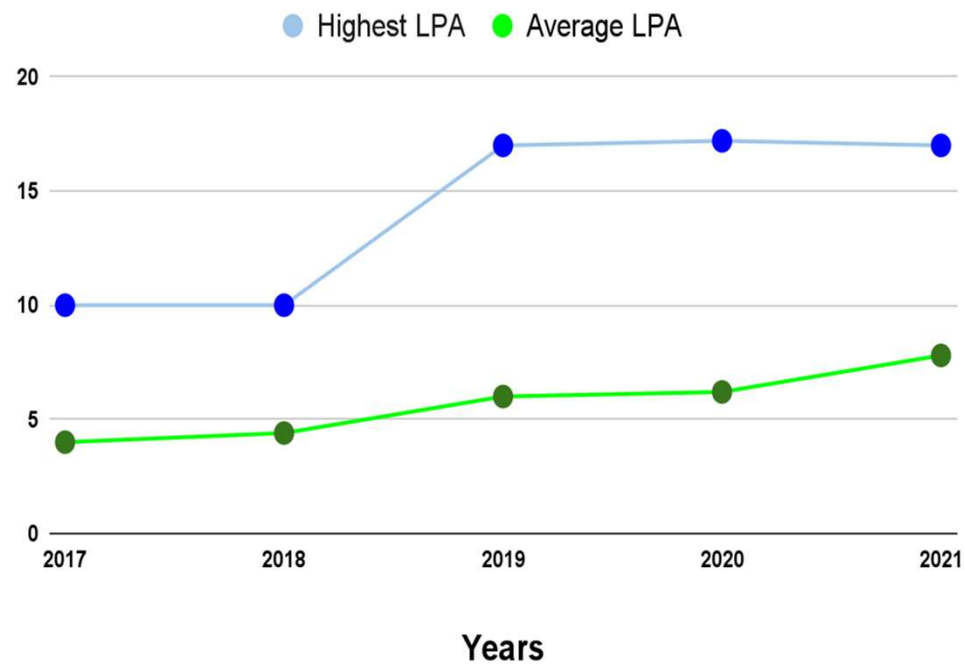
Qualcomm

zomato

TATA  
TATA CONSULTANCY SERVICES

mihup

COMPANIES



## The 2-fold Improvement

Placement statistics at IIIT Kalyani have improved drastically in the past year and this is a testament of the effort the students and faculty are putting in to make this institute one of the best institutes for Computer Science.



# 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 an academic programme which is dynamic, constantly evolving and which reflects the institute's commitment to stay in tune with the expanding frontiers of knowledge worldwide.

The institute provides high quality of education, and it ensures that its students are also of an exceptionally high calibre. Admission to IIIT Kalyani is enabled through Joint Entrance Examination (JEE) only for the undergraduate programme. IIIT Kalyani's B.Tech. programme admits 130 students for only one of its discipline, Computer Science and Engineering (CSE). Seats are filled up through Joint Seat Allocation Authority (JoSAA) after qualifying JEE (Main) examination administered by the National Testing Agency (NTA).

# Computer Science and Engineering

The B.Tech program in Computer Science and Engineering at IIIT Kalyani is designed to be one of the best curriculums for the subject

## THEORETICAL COMPUTER SCIENCE

- Data Structures and Algorithms
- Object Oriented Programming
- Machine Learning
- Formal Language and Automata
- Artificial Intelligence
- Cognitive Science
- Statistical Signal Processing

## COMPUTER SYSTEMS

- Operating Systems
- Computer Networks
- Database Management System
- Compiler Design
- Computer Organization & Architecture
- Cryptography
- Computer Vision
- Cyber Physical System

# Computer Science and Engineering

The course structure is made with the industry in mind where students are allowed to go for 6-month internships and made to do projects for the last 4 semesters

## **ELECTRONICS**

- Signals and Systems
- Analog and Digital Electronics
- Microcontroller and Systems
- Hardware design using Verilog & MIPS

## **MATHEMATICS**

- Discrete Mathematics
- Linear Algebra
- Calculus
- Graph Theory
- Numerical Analysis
- Data Analytics

## **HUMANITIES**

- Economics
- Psychology
- Cyber laws and Ethics

# Ph.D Program

IIIT Kalyani is dedicated to carrying out research that generates new knowledge and advances human understanding. Our Ph.D program focuses on training future researchers: teaching them the very essence and excitement of new discoveries and inventions. Currently 9 students are pursuing Ph.D at IIIT Kalyani.

## RESEARCH AREAS OF STUDENTS

### **Computer Science**

The areas of research being conducted consists of Coding Theory, Cryptology, Computer Vision, Digital Geometry, NLP, etc.

### **Electronics**

The areas of research being conducted consists of Radio wave propagation, Statistical Signal Processing, 5G Communication, etc.

### **Physical Sciences**

The areas of research being conducted consists of Mathematical modelling, Elastodynamics, Seismogenic Ionosphere, etc.

# We specialize in these fields

The B.Tech program in Computer Science and Engineering at IIIT Kalyani is designed to be one of the best curriculums for the subject

**DEEP LEARNING**

**DATABASE MANAGEMENT  
SYSTEMS**

**CRYPTOGRAPHY**

**COMPUTER VISION**

**WIRELESS COMMUNICATION**

# Notable achievements of the students

SELECTIONS IN GOOGLE SUMMER OF  
CODE

5

SELECTIONS IN SMART INDIA HACKATHON  
(SOFTWARE)

9

TEAMS IN ICPC REGIONALS

2

2

GOOGLE SUMMER OF CODE & CODE-  
IN MENTOR SELECTIONS

1

MLH FELLOWSHIP SELECTION  
(SPONSORED BY GITHUB)

2

GOOGLE BUILD FOR DIGITAL INDIA  
SELECTIONS

## Some more achievements



**111<sup>th</sup>**

RANK IN GOOGLE  
KICKSTART  
WORLDWIDE



**12**

WINNINGS AT  
FAMOUS STUDENT  
ORGANIZED  
HACKATHONS



**142<sup>nd</sup>**

RANK AMONG  
INDIAN  
CODEFORCES  
USERS



**9**

PAPERS IN  
INTERNATIONAL  
CONFERENCES

# IIIT Kalyani's Hackathon Culture

IIIT Kalyani students are super active at hackathons and believe that the best way to learn something is to build a project on it. This culture is upheld by the students of the 2022 batch.

SOME FAMOUS HACKATHONS IIIT  
KALYANI STUDENTS HAVE BEEN TO

## UtkalHacks 2.0

A team consisting of 2 students of the 2022 batch won *first prize* at UtkalHacks 2.0.

## Smart India Hackathon

2 Teams from the 2022 and 2021 batch won *first prize* at Smart India Hackathon in software edition.

## Game of Codes Hackathon

A team of the batch 2022 won *first prize* at Game of Code Hackathon conducted by IIIT Una.

## Hackabit 2019

A team consisting of 3 students won category prize at Hackabit 2019.

## Unscript 2k20

2 teams from the 2022 batch won runner-up prizes at Unscript 2K20 in respective categories.



## Undergraduate Publications

IIIT Kalyani has the privilege to have more than 15 publications from undergraduate students

## International Conferences

More than 20 papers have been accepted at various international conferences like 37th International Joint Conference on Neural Networks - 2019, IEEE Conference on Devices for Integrated Circuits , 10th Annual ACM India Compute Conference - 2017, Security and Privacy - 2018, IEEE Region 10 Symposium etc.

## Internationally recognized Journal / Book chapters

Several book chapters and more than 20 International recognized journal.

# Research

Students and faculty alike are interested in asking meaningful questions and finding answers to them.

IIIT Kalyani, in addition to faculty publications, has considerable number of undergraduate student publications.

This is the hallmark of the creative thinking process instilled in the students here at IIIT Kalyani

# Past Recruiters (Internship)

For complete list of our recruiters contact [placement@iiitkalyani.ac.in](mailto:placement@iiitkalyani.ac.in)



PAST RECRUITERS

# Past Recruiters (Full-time)

For complete list of our recruiters contact [placement@iiitkalyani.ac.in](mailto:placement@iiitkalyani.ac.in)

Infosys

Deloitte.



TATA CONSULTANCY SERVICES



HEALTHCARE  
DELIVERED IT

Capgemini



ShareChat



AppyHigh

MAQ Software



Cognizant

virtusa



REDSKY  
TECHNOLOGIES



PAST RECRUITERS

# Workshops/Seminars

Session	Description	Speakers/Organization
2020-2021	FDP on "Signal Processing for 5G and IoT" sponsored by AICTE (ATAL)	Prof. A. Chockalingam, ECE, IISc Bangalore, Dr. Devendra Kumar Yadav, SAG, DRDO, Delhi
2019-20	Impact of Data Science on SME Sector	Mr. Ujjwal Konar, CEO, Kriskosoft
2019-20	Fractal Geometry in Nature and Engineering	Prof. Soumitro Banerjee, IISER Kolkata
2018-19	Identification of Synthetic Sentence in Bengali News using Hybrid Approach	Prof. Sanjay Chatterjee, Asst. Professor, IIIT Kalyani
2018-19	Plant Leaf Recognition using Geometric Features and Pearson Correlations	Prof. Sanjoy Pratihar, Asst. Professor, IIIT Kalyani
2018-19	Analysis of Multitasking in Divided Attention using Machine Learning	Prof. Oishila Bandyopadhyay, Asst. Professor, IIIT Kalyani

# Workshops/Seminars

Session	Description	Speakers/Organization
2018-19	Seminar on "Quantum Computation; A Basic Perspective"	Prof. P. K. Panigrahi (Professor, IISER Kolkata)
2018-19	One day lecture series on Computational Intelligence (26th July, 2018)	1. Prof. Mike Hinchey, University of Limerick, Ireland, 2. Prof. Ashok Deshpande, University of California, Berkeley, USA
2018-19	Workshop on "Digital Geometric Algorithms, Applications and Prospective Future Directions" (28th - 30th October, 2018) [Sponsored by National Board of Higher Mathematics (NBHM), and IEEE GRSS Kolkata Chapter	1. Prof. J. Mukhopadhyay, IIT Kharagpur 2. Prof. P. Bhowmick, IIT Kharagpur 3. Prof. B. Chanda, ISI Kolkata 4. Prof. A. Biswas, IEST, Shibpur 5. Dr. R. Biswas, IIT Roorkee

# Workshops/Seminars

Session	Description	Speakers/Organization
2018-19	Semi-Supervised Approach for Hindi Stemming	Prof. Sanjay Chatterjee, Asst. Professor, IIIT Kalyani
2018-19	Workshop on "Text and Image Processing"	1. Prof. D. P. Dogra, IIT Bhubaneswar 2. Dr. R. Prasanth, IIIT Sri City
2018-19	Workshop on "Benchmark Advance Computer Network Lab"	Benchmark Electronic Systems Pvt. Ltd., Chennai
2018-19	Seminar on "Higher Studies Opportunities in France"	Institut Francais, Campus France (French Institute in India)

# 7th International Conference on Advanced Computing, Networking, and Informatics-2019

IIIT Kalyani hosted the 7th ICANI-2019 which marked the presentation of recent ideas in computing, networking, and informatics.

18

ACCEPTED ARTICLES

Theme

COMPUTATIONAL INTELLIGENCE AND  
MACHINE LEARNING

Domains

KNOWLEDGE REPRESENTATION  
DEEP LEARNING TECHNIQUES  
MACHINE TRANSLATION  
INFORMATION RETRIEVAL  
PATTERN RECOGNITION  
GEOSPATIAL INFORMATION  
HYPERSPPECTRAL IMAGING  
INFRARED REMOTE SENSING

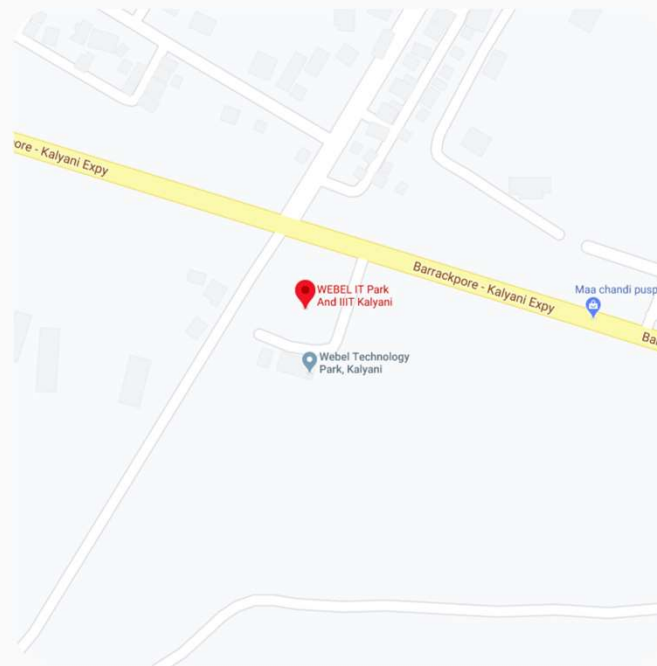
# Find Us

## Indian Institute of Information Technology, Kalyani

Webel IT Park (Near Buddha Park), Kalyani –  
741235  
Nadia, West Bengal

For further details on reaching IIIT Kalyani  
follow this link -

[http://iiitkalyani.ac.in/php/reach\\_iiit\\_kalyani.php](http://iiitkalyani.ac.in/php/reach_iiit_kalyani.php)







# Contact the Placement Team for 2022 batch

Or  
Mail us at  
[tnp@iiitkalyani.ac.in](mailto:tnp@iiitkalyani.ac.in)



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Training and Placement Officer

**Phone Number - +91 98360-75844**



**Dr. Debasish Bera**

Faculty In-charge Training and Placement



**Indian Institute of Information Technology  
Kalyani**

**WEBEL IT Park Campus  
Opposite Water Treatment Plant  
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West Bengal**

**<http://iiitkalyani.ac.in>**