Placement Brochure

Indian Institute of Information Technology, Kalyani
(An Institute of National Importance)

An Autonomous Institution under Ministry of Education, Govt. of India, Department of Information Technology and Electronics, 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 (MoE), 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)

Mr. Manoj Kohli

Chairman, Board of Governors

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 five B.Tech. batches graduating so far. However, the placement records of previous years are 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 socio-technical 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.

Mr. Manoj Kohli
(Chairman, Board of Governors)

Dr. Pratik Chakraborty

Faculty-in-Charge, Training & 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. programme in Computer Science and Engineering (CSE). The Institute is equipped with current state-of-the-art equipment/ facilities/ laboratories, and the 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 essential ingredients to excel at the workplace.

To emphasize on student-industry interaction, our undergraduate students undergo summer internships at the end of 3rd year of their B.Tech. programme. 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 recruiters to recruit our students and establish a synergetic interface. In addition, we also invite companies to induct our third year undergraduate students for summer training/ internships.

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 since 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 Wipro, TCS, Cognizant, IBM, PWC, Yellowclass, Goldman Sachs, ShareChat, OLA, Mihup, TCG, Deloitte, Jio, Capgemini, MAQ Software, 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.

Placement Statistics (Batch of 2018 – 22)

72

STUDENTS REGISTERED FOR PLACEMENT

15 LPA

HIGHEST SALARY OFFERED IN CAMPUS RECRUITEMENT

10.73 LPA

AVERAGE SALARY OFFERED IN CAMPUS RECRUITMENT

72

REGISTERED STUDENTS ARE OFFERED JOBS

47 students

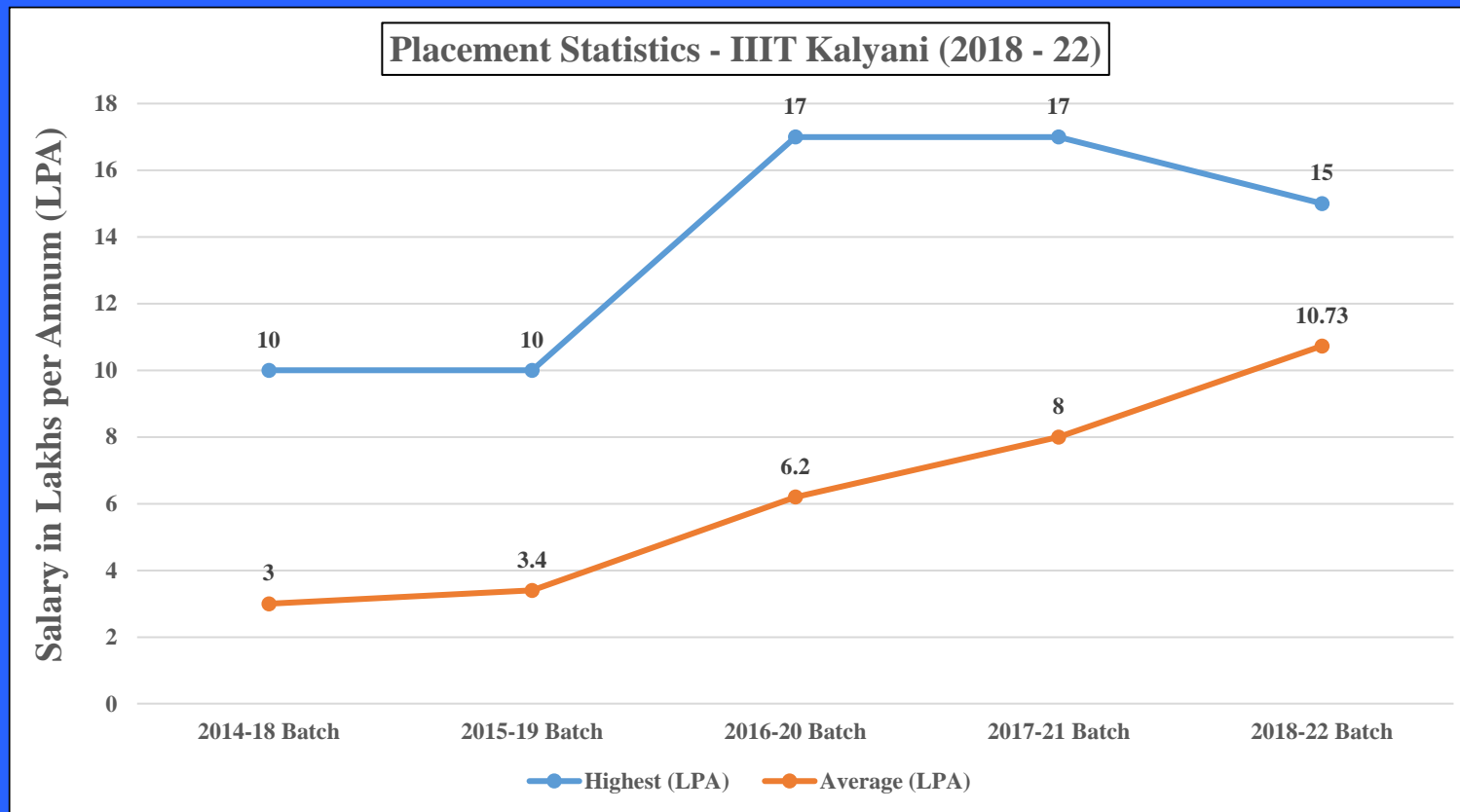HAVE SALARY ABOVE 10 LPA

25 students

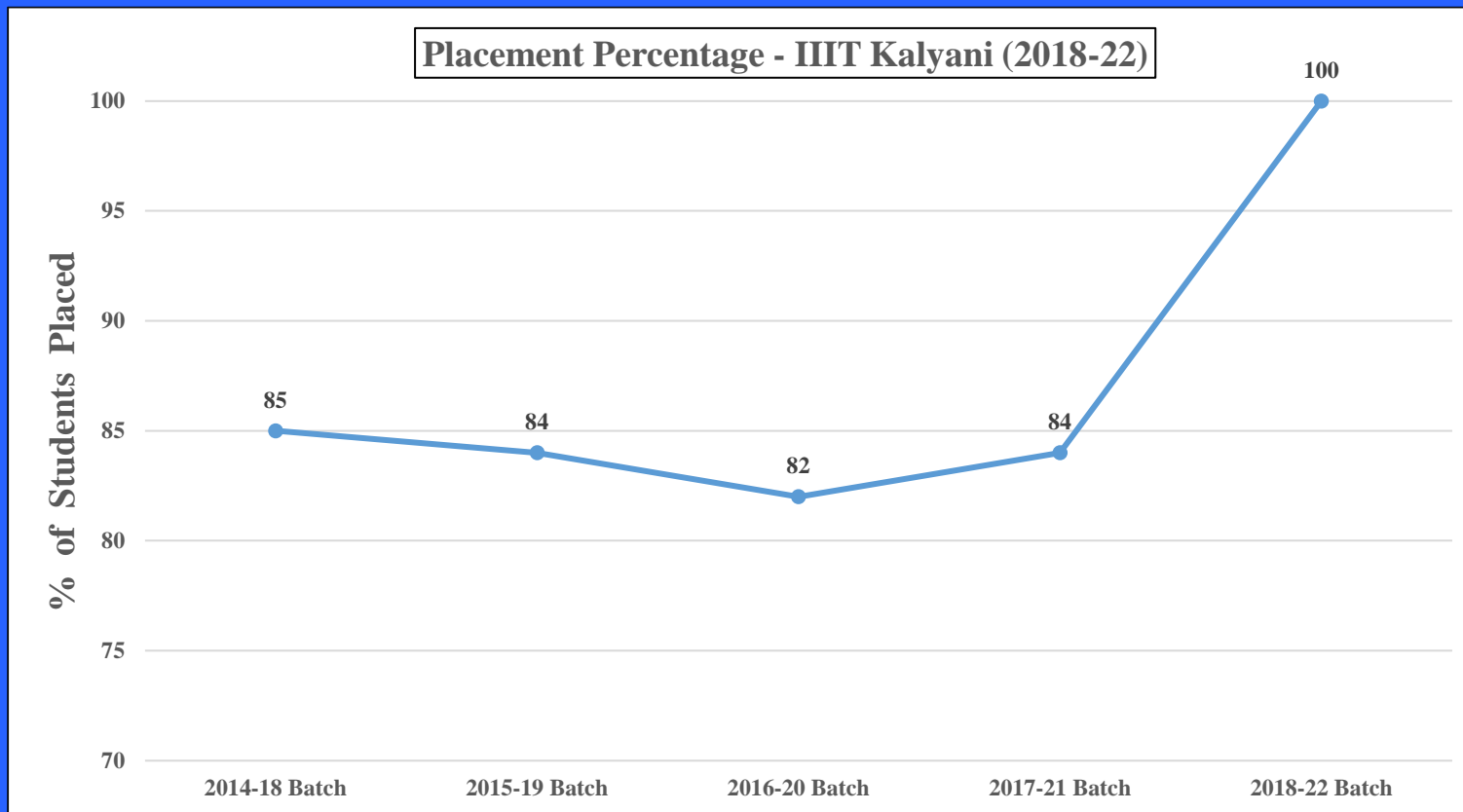HAVE SALARY BETWEEN 5-10 LPA

127

NUMBER OF JOB OFFERS

42 students

HAVE RECEIVED MULTIPLE JOB OFFERS

Year-wise Offered Salary in Campus Placements

Placement Statistics - IIIT Kalyani (2018 - 22)

Year-wise Placement Percentage

Placement Percentage - IIIT Kalyani (2018-22)

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

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 education, and 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 currently admits 118 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). From the academic year 2021-22 onwards, B.Tech. in Electronics and Communication Engineering has been initiated with 60 students.

Computer Science and Engineering

The Course structure

THEORETICAL COMPUTER SCIENCE

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

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

ELECTRONICS

Signal Processing
Analog and Digital Electronics
Microcontrollers and Systems
Hardware design using Verilog & MIPS

MATHEMATICS

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

HUMANITIES

Economics
Psychology
Cyber laws and Ethics

Ph.D. Program

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 our faculty, 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

We specialize in these fields

DEEP LEARNING

DATABASE MANAGEMENT SYSTEMS

CRYPTOGRAPHY

COMPUTER VISION

SIGNAL AND IMAGE PROCESSING

Student Achievements

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

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 as well.

STUDENTS' PERFORMANCE AT HACKATHONS

UtkalHacks 2.0

A team consisting of 2 students of the 2022 batch won the **First Prize** at UtkalHacks 2.0.

Smart India Hackathon

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

Game of Codes Hackathon

A team of the batch 2022 won the **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.

Past Recruiters (Internships Offered)

For complete list of our recruiters contact tnp@iiitkalyani.ac.in

Past Recruiters (Full-time Jobs Offered)

For complete list of our recruiters contact tnp@iiitkalyani.ac.in

Past Recruiters (Full-time Jobs Offered)

For complete list of our recruiters contact tnp@iiitkalyani.ac.in
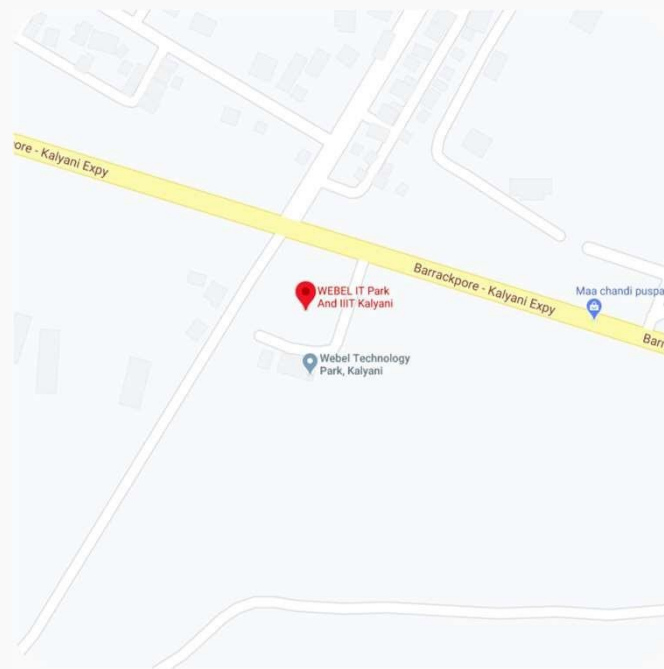

PAST RECRUITERS

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 -

www.iiitkalyani.ac.in/php/reach_iiit_kalyani.php

Contact the Placement Team

E-mail us at:
tnp@iiitkalyani.ac.in

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Faculty In-charge, Training and Placement
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