

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."



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, Jio, Capgemini, MAQ Software. It is a calm, peaceful and productive place to study and student-friendly atmosphere all around.

Placement Statistics

Ongoing batch (2017-21)

42

STUDENTS REGISTERED FOR PLACEMENT

17 LPA

HIGHEST SALARY OFFERED IN CAMPUS
RECRUITMENT

10.2 LPA

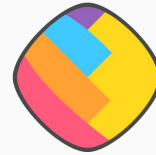
AVERAGE SALARY OFFERED IN CAMPUS
RECRUITMENT

29

JOBS OFFERED TO REGISTERED STUDENTS

Companies where our alumni work

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

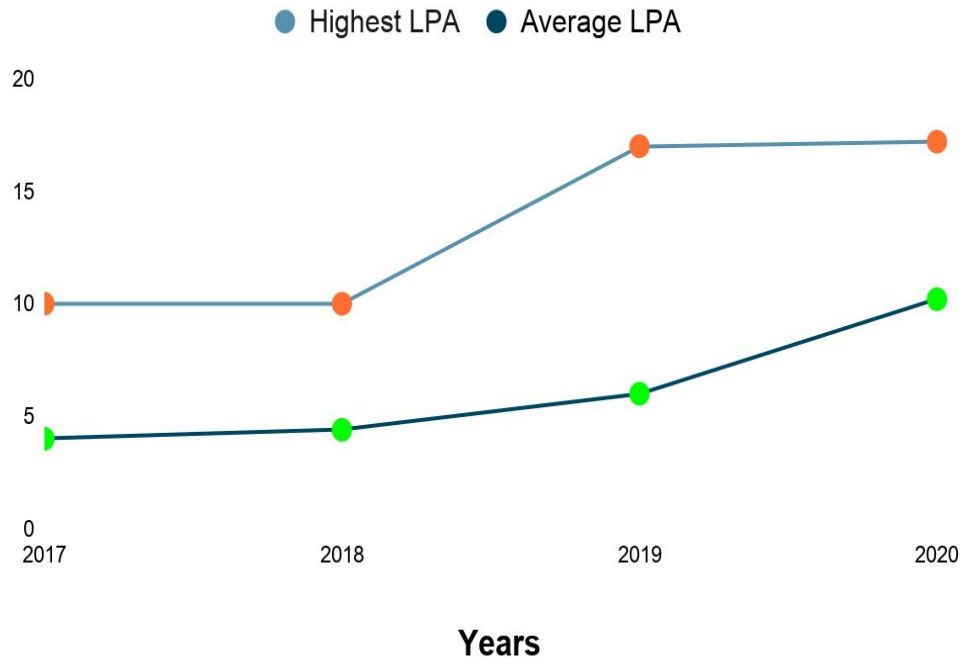


ShareChat

MAQ Software



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

COMPUTER SYSTEMS

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

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

GRAPHICS AND MULTIMEDIA

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

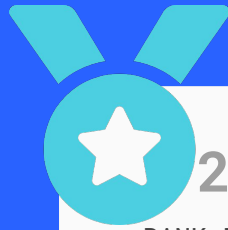
1

MLH FELLOWSHIP SELECTION
(SPONSORED BY GITHUB)

2

GOOGLE BUILD FOR DIGITAL INDIA
SELECTIONS

Some more achievements



256th

RANK IN GOOGLE
KICKSTART
WORLDWIDE



5

WINNINGS AT
FAMOUS STUDENT
ORGANIZED
HACKATHONS



142nd

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 trend of building at hackathons has actually been started by the 2021 batch.

SOME FAMOUS HACKATHONS IIIT
KALYANI STUDENTS HAVE BEEN TO

InOut 6.0

2 students of the 2021 batch went to InOut 6.0 in Bangalore which is one of the best community driven professional hackathons in India

Hack in the North 4.0

IIIT Kalyani's 2021 and 2020 batch had record number of selections in HINT 4.0, IIIT Allahabad with a total of 14 students selected from the aforementioned two batches

Hack-A-Bit 2018/2019

A team consisting of 4 students of the 2021 batch won "Best Hardware Hack" at Hack-A-Bit 2018. Another team from 2022 batch won the 5th prize in Hack-A-Bit 2019.

Codeutsava 3.0

A team of 3 students of the 2021 batch won the 2nd runner-up prize at Codeutsava 3.0 at NIT Raipur.

Undergraduate Publications

IIIT Kalyani has the privilege to have 13 publications from undergraduate students

International Conferences

9 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 publications

One book chapter and one paper has been published and accepted in in international 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



PAST RECRUITERS

Past Recruiters (Full-time)

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

The logo for Infosys, featuring the word "Infosys" in a blue, sans-serif font.The logo for Cognizant, featuring the word "Cognizant" in a blue, sans-serif font.The logo for smartprix, featuring the word "smartprix" in a blue, sans-serif font, with "smart" in a lighter blue and "prix" in a darker blue.The logo for MAQ Software, featuring the word "MAQ" in red, bold, sans-serif font, followed by "Software" in a black, sans-serif font.The logo for virtusa, featuring the word "virtusa" in a black, sans-serif font.

PAST RECRUITERS

Workshops/Seminars

Session	Description	Speakers/Organization
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 Pratihara, 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

IIT 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
HYPERSPETRAL IMAGING
INFRARED REMOTE SENSING

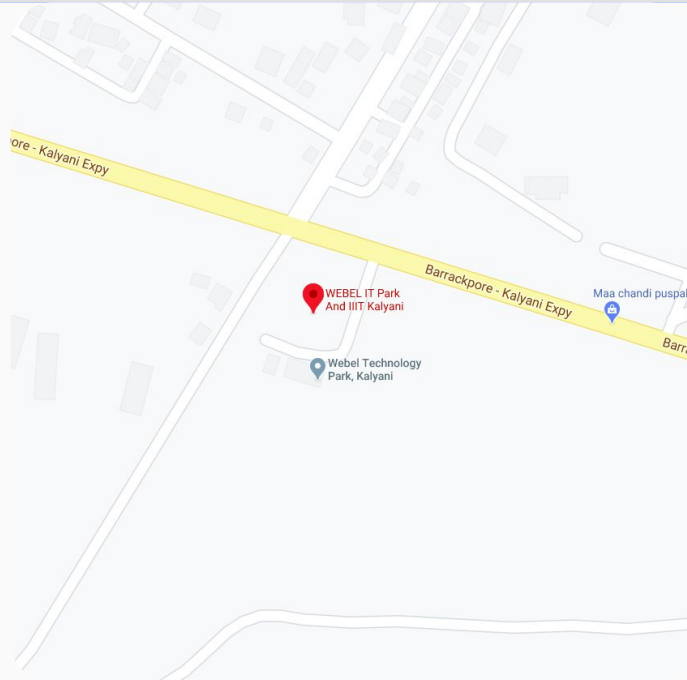
Find Us

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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

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