INDIAN INSTITUTE OF INFORMATION

TECHNOLOGY KALYANI

2017-18

PLACEMENT

BROCHURE

CONTENTS

MENTOR DIRECTOR

Prof. Partha P. Chakrabarti,,
Mentor director of IIIT kalyani &
Director of IIT Kharagpur.
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Director's Message

It is my pleasure to introduce you with one of the youngest
and vibrant Technological Institute in Eastern India, Indian
Institute of Information Technology, kalyani, West Bengal.
IIIT, Kalyani has been set up by MHRD (Government of
India), 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 Institute is located in the calm,
peaceful, serene city of Kalyani which is within an hour's
drive from the bustling metropolitan city of Kolkata

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. The institute will evolve into a world-class academic institution with the highest quality of Education and Research Facilities.

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 these 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.

With the NASSCOM Head of Eastern Region, FICCI, CII associated with this institute the students will have a advantage in getting Internships in major Industries of the country.

We look forward to build a long lasting and mutually beneficial relationship with you.

Director of IIIT Kalyani
Professor Partha Pratim Chakraborty
Director IIT-Kharagpur & Mentor Director
IIIT-Kalyani

Training and placement cell officer

Mr. Sudeep Chowdhury,

Training and placement officer's message

IIIT Kalyani was established in 2014 with a mission to bridge the gap between education, research and industries. It offers programme of B.Tech. The Schools at IIIT Kalyani are 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.The professors are well experienced. This experience includes an emphasis on the technical knowledge, communication, teamwork and life-long learning skills in which graduates need to excel at the workplace and in the society in general. real life engineering problems..

To highlight about student-industry interaction, 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 the industries to harness our talents. It is my pleasure to introduce TPC which looks after the placement activities of the students at IIIT Kalyani. We have the required facilites 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**.**

Training and Placement Cell
Mr. Sudeep Chowdhury ,
IIIT Kalyani.

ABOUT IIIT KALYANI

The Indian Institute of Information Technology (IIIT) is set up at Kalyani, Nadia District by Government of India (MHRD), Government of West Bengal and Industry Partners on a Not-for-profit Public Private Partnership (N-PPP) basis. The IIIT, Kalyani is funded in the ratio of 50:35:15 respectively by the above three parties. Additionally, the Government of West Bengal has lent support to the Institute by granting 50 acres of land for setting up the Campus. The Industry Partners of IIIT Kalyani are Coal India Ltd and Rolta Foundation.

The Institute will be run by the Board of Governors of IIIT, Kalyani Society. The members of the Board include the representatives of Government of India, Government of West Bengal, Industry Partners and eminent people from academia, industry and civil society.

The working of the Board will be monitored by the State Steering Committee (SSC) in which the representatives of Government of West Bengal, Industry Partners and eminent people from industry nominated by major Industry Associations will be the members.

The major objective in establishing 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. The Institute will evolve into a world-class academic institution with the highest quality of education and research facilities which will create industry ready IT graduates to feed the demand of the industry. The Institute will act as the catalyst in fostering an innovative entrepreneur-focused ecosystem to ensure that new products, solutions and IP are created in the State taking advantage of the intellectual capital of the State.

The Institute is beginning its classes from the Academic Year 2014-15 at the campus of JIS College of Engineering, Kalyani, Nadia.

INFRASTRUCTURE

The present campus is developing into its functionality with sophisticated networking and facilities.The campus provides a unique serene and pollution free environment .The entire campus is fully equipped with latest computers ,electronics and Wi-Fi zoned .

Library

The library has large volumes of books of different Authors.The library plays a vital role in supporting and furthering the academic and facilitates creation and dissemination of knowledge.The library also has resources like magazines/print journal etc

Other facilities

The college has various labs of electronics lab and computer labs for the students during the academic programmes.which are useful during the projects of the students during the graduation.

- During the refreshing time , faculty and students can avail the canteen that is built in the campus. The campus ground is helpful for the students for the physical activity which will be helpful in their over all development.

FACULTY

The professors of the IIIT Kalyani have excelled in their
respective fields and by promoting students in their
studieswith their high teaching experience with total of 9
Members all PhD in CSE /ECE departments

Dr. Sandip Karmakar

Assistant Professor, Computer Science
and Engineering,Ph.D

IIT Karagpur

Dr. Uma Das

Assistant Professor, Physics

Ph.D[Physical Research
Laboratory],Ahmedabad

Dr. SK Hafizul Islam

Assistant Professor, Computer Science
and Engineering,Ph.D[IIT(ISM)
Dhanbad]

Dr. Imon Mukherjee

Assistant Professor, Computer Science
and Engineering, Ph.D[Jadavpur
University]

Dr. Dalia Nandi(Das).

Assistant Professor, Electronics and communication Engineering. Ph.D. [Calcutta University]

Dr. Sanjoy Pratihar.

Assistant Professor,Computer Science and Engineering,Ph.D

IIT Karagpur.

Dr. Tamal Ghosh.

Assistant Professor, Electronics and communication Engineering. Ph.D.

[IIT hyderabad]

Dr.Oishila Bandyopandhyay

Assistant Professor. Ph.D.

[IIEST,Shibpur]

Dr. Sanjay Chatterji.

Assistant Professor, Computer Science and Engineering. Ph.D.

[IIT Kharagpur]

Besides , the campus have recruited guest faculty for the non- technical subjects from various colleges know for their reputation

Permanent :- 9 Members   (all PhD in CSE / ECE from reputed institutes)
Visiting Professor :- 3 Members (From IIT's and other reputed institutes)
Visiting Faculty :- 9 Members
Visiting Faculty From Industry :- 1 Member

INDUSTRIAL ADVISORY BOARD

An Industrial Advisory Board has been instituted with Industries like IBM, TCS, Capgemini,as the member of the Board. This will ensure that the curriculum is in line with the Industry Requirements.

RESEARCH

The very foundation of IIIT Kalyani is based on research and innovation.

The faculty selection procedure places a strong emphasis on candidates' research record and future research potential.

Most of the faculty members at the institute have substantial research experience in institutes of national and international repute.

The institute facilitates research program establishment through provision of competitive seed grants to all faculty members.

Computer Vision Using Deep Learning approach
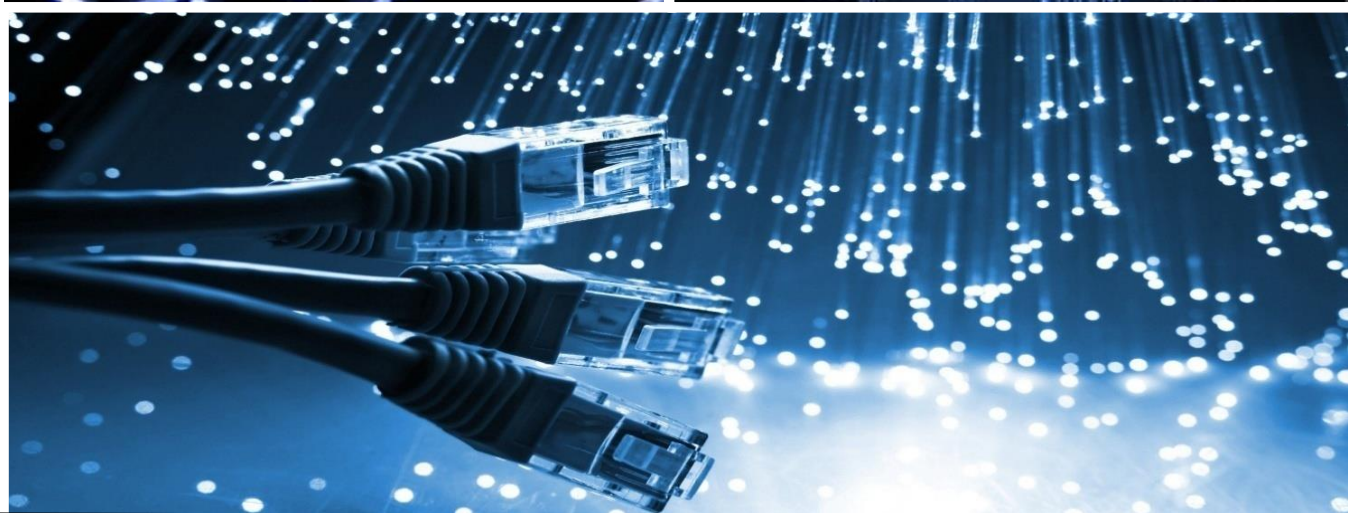
Information Security

Machine Learning

Patter Recognition & Image Processing.
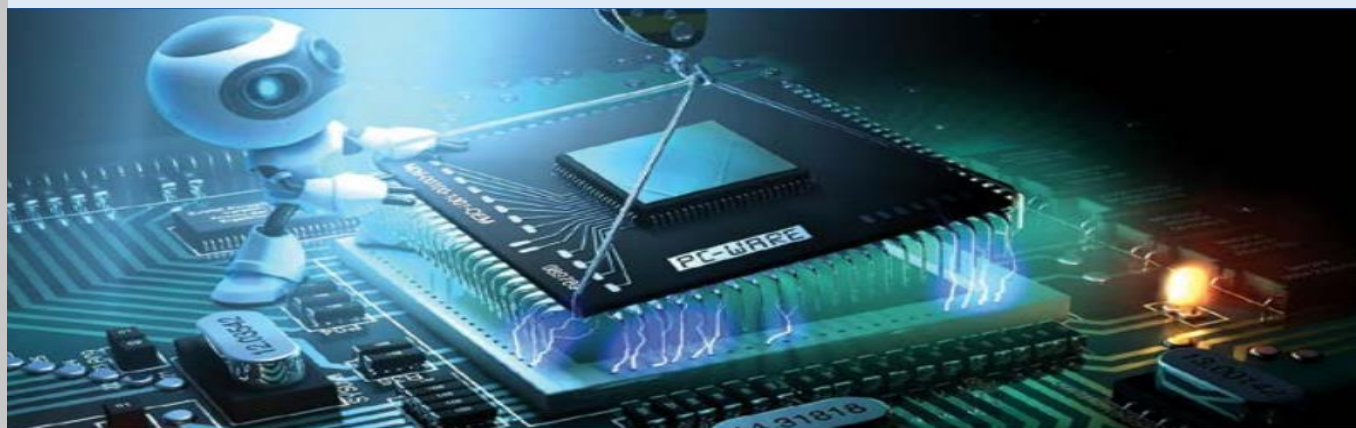
Admission Programmes

B.TECH

➤ Admissions to the IIIT Kalyani is done through JEE mains one of the most prestigious exam conducted in India.

➤ B.Tech. Program offered by four schools are developed to provide an excellent educational experience for the undergraduate students with an emphasis on the technical, communication, teamwork and life-long learning skills .

Department of computer science

Computer Science & Engineering The objective of Computer Science and Engineering Department is to offer high quality education and cutting edge research opportunities to its students, enabling them to take on challenging problems upon graduation. The pedagogy of the department is to produce well-rounded individuals who can actively contribute to the industry and society at large. The curriculum is designed with a motive to prepare students to be industrial and academic leaders. The focus is on honing the student's ability to solve real-life problems by applying the knowledge gained in the classroom. To facilitate this, a major part of the curriculum emphasizes on laboratory courses, with the department equipped with teaching and research laboratories such as: Systems Laboratory, Algorithms Laboratory, Computer Architecture Laboratory, Digital Signal Processing and Embedded Systems Laboratory. Core departmental requirements include courses on Theoretical Computer Science, Algorithms, Graph Theory, Computer Networks, Operating Systems, Compiler Design, along with regular projects. In addition, specialized elective courses such as Software Reliability, Artificial Intelligence and Network and Systems Security are offered to keep pace with emerging technologies and trends. Along with technical courses, Breadth courses in subjects such as Economics, Literature and Psychology are also offered to provide a holistic education to the students.

INTERNSHIPS

      The final year students have successfully Completed their internships at top notched institutions and companies . The names of the companies and institutions are metioned below :

• Indian institute of Technology, Kharagpur.
•Indian Institute of Technology, Bombay
•Indian Institute of Science, Bangalore
•National Digital Library
•FOSSEE
•CDAC
•VECC
•SNLTR
•Sky-Bits Technology

WHY RECRUIT FROM IIIT KALYANI ?

Admission into the B. Tech programmes of IIIT Kalyani takes place through the Joint Entrance Examination (JEE mains)

Students here at IIIT Kalyani govern many of their own affairs apart from their classroom studies. Various student bodies operate clubs and organize cultural, technical and sports festivals in the campus Being an autonomous institute, the curriculum is dynamic with continuous addition of new courses to keep pace with the latest developments. Industry experience is a part of the curriculum and lays the base for students to venture into the industry. IIIT Kalyani aims at all round development of the students besides imparting technical knowledge, We have the very best Students with sound technical knowledge, management skills and great set of soft skills that an industry needs.
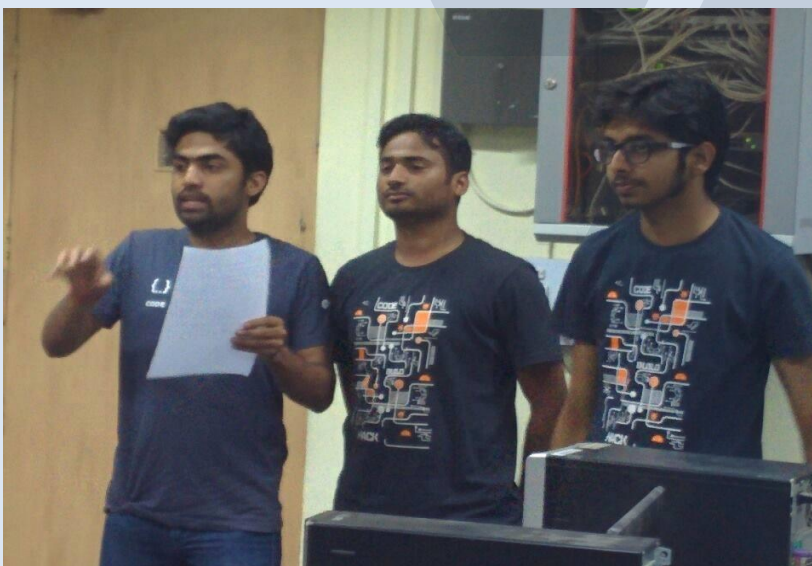
ACHIEVEMENTS

➢ <u>ROBOTICS</u>

The students of the IIIT Kalyani had actively participated in the Robotics competition organised by the TechieNest which is in a collabration of various IIT's and got selected for the finals. Students are trained in using various microcontrollers and electronics.

➢ <u>COMPETITIVE CODING</u>

Coding is becoming the most in-demand skill across industries. ... The students frequently participate actively in the competitive

coding field like code chef ,geeks for geeks. Hackerrank etc and securing The high rating .in the coding .Which ensures the logical ,analytical skills. IIIT Kalyani students have secured the global rank of 15. and campus rank of 69.

➢ __NASSCOM SEMINAR__

 Mr. Atul Prakash Agarwal conducted by NASSCOM
took the seminar on the behave of the NASSCOM on the
IoT(Internet of Things) which is the next stage of the
information revolution students are exposed to the real life
implementations of the various

➢ Seminar by Dr. Pradipta Biswas, IISc Bangalore on 8th
   August 2017 on The interdisciplinary chronical of
   interaction design

➤ <u>Cultural programmes and activities</u>

During the academic programme administration organizes various events consisting of festivals and national events in order to maintain the cultural heritage and national integrity among the students.

➤ <u>Independence day of 2017</u>

➤ <u>International yoga day on 21 june 2017</u>

➢ SPORTS AND GAMES

Sportsmanship is an attitude that strives for fair paly courtesy toward teammates and opponents ethical behaviour and integrity and grace in victory .

IIIT kalyani Compromised in providing the requirements for students .A well- equipped gymnasium is located at the hostel.Sports like cricket,volleyball,and indoor games like chess,badminton etc Students participate in Inter Department

Inter Hall tournaments and strive to keep up their department and hall pride.This serves as a platform for the students from various years to have a healthy interaction with each other

➢ INTER IIIT'S SPORTS MEET

This is the most prestigious event which is held in December among all the IIIT 's .IIIT kalyani have secured various medals in the event of 100m hurdle ,chess, shotput by showing their glorifying talents

TRAINING AND PLACEMENT CELL

> ## Placement procedure

- All students who expect to graduate from the institute by the end of the Academic Year 2017-18 may register for campus placements with this office.
- Placement registration is FOR ONE ACADEMIC YEAR ONLY.
- The registration form may be obtained from this office.
- Only registered students are allowed to appear in campus recruitment process.
- Students having back logs are advised not to register for placements before clearing the back logs.
- Students are required to express their willingness in writing for appearing in the recruitment process for a particular company. If a student does not appear in that company even after expressing willingness she/he will be disallowed from the placements for the rest of the academic year.
- Students will be allowed to have a single job offer only. However already placed students may also be allowed to appear for ``Dream Company''. Once a student bags a job offer from a ``Dream Company'' she/he will not be allowed to participate in any campus recruitment process at all. Moreover already placed students but not placed in ``Dream Company'' may also be allowed for two job offers after completion of 100% placement of registered students.

- `Dream Company'' status are given to some reputed organizations those offer an exceptionally big Pay-package. The institute reserves the right to give ``Dream Company'' status to organizations based on their Pay package and recruitment rules. Any negotiations/representations regarding this will be discouraged.
- A student is allowed (as per eligibility criteria set by the companies) to appear in ongoing placement process for multiple companies until the student bags first offer.
- If a student receives more than one job offer, the student is bound to accept the job offer whose results are declared earlier.

TRAINING AND PLACEMENT CELL(TPC)

CONTACT US

Professor – In – Charge , TPC
Dr. Imon Mukherjee
Email: imon.mukherjee AT gmail.com

Training and Placement Officer
Mr. Sudeep Chowdhury
Ph: +91-9836075844,
Email: sudeepchowdhury1969 AT gmail.com

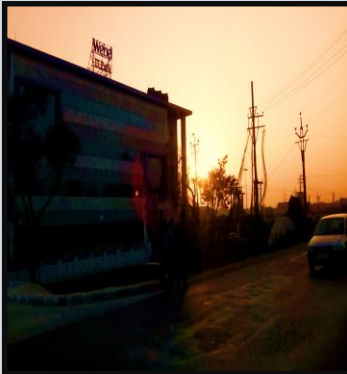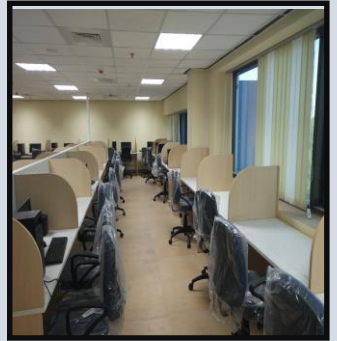**College address:**
Barrackpore - Kalyani Expy,
Block B, Kalyani,
West Bengal 741235
Tel : 033 2582 2240

College Website: www.iiitkalyani.ac.in

Gallery

CORE VALUES OF IIIT KALYANI

preservence

Integrity

Inclusivity

Excellence

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KALYANI

website : www.iiitkalyani.ac.in