

IIT Kharagpur

The very First Premier Institute of Technology:

Dedicated to the Service of the Nation



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New Clock Tower Building



We all know this familiar face. He is **Sunder Pichai, CEO of Google**, based in the USA. We are proud that he is an Indian and he is from IIT Kharagpur.

IIT Kharagpur, is the very first Premier Institute of Technology; *Dedicated to the Service to the Nation*

About the Institute

The Institute is the first ever premier Institute set up as higher Technical Institute for grooming young professionals and preparing them for a highly competitive global platform.

IIT Kharagpur started its journey in the **old Hijli Detention Camp** where some of the great freedom fighters toiled and sacrificed their lives for the independence of our country. The history of IIT Kharagpur is thus intimately linked with the history of the Hijli Detention Camp.

This is the only Institutions in the world, which started life in a prison house. Though it started its life in a Prison house , its environment is like a “**Guru Kul**” with largest campus and open learning system. **Flexible Curriculum** is one example where the internship and placement trend at IIT Kharagpur has shown that the flexibility in curriculum makes the students fit into any sector such as Core Engineering, IT, Finance, Analytics, Consulting et al. It does not matter which discipline you study, you may make a successful in-road to placement and professional career.

History of IIT KGP

The history of the IIT system dates back to 1946 when a committee was set up by Hon'ble Sir Jogendra Singh, Member of the Viceroy's Executive Council, Department of Education, Health and Agriculture to consider the setting up of Higher Technical Institutions for post war industrial development in India.

The 22 member committee headed by Sri N.R.Sarkar, in its report, recommended the establishment of four Higher Technical Institutions in the Eastern, Western, Northern and Southern regions, possibly on the lines of the Massachusetts Institute of Technology, USA, with a number of secondary institutions affiliated to it. The report also urged the speedy establishment of all the four institutions with the ones in the East and the West to be started immediately. The committee also felt that such institutes would not only produce undergraduates but they should be engaged in research, producing research workers and technical teachers as well. The standard of the graduates should be at par with



those from first class institutions abroad. They felt that the proportion of undergraduates and postgraduate students should be 2:1.

With the above recommendations of the Sarkar committee in view, the first Indian Institute of Technology was born in May 1950 in Hijli, Kharagpur, in the eastern part of India. Initially the IIT started functioning from 5, Esplanade East, Calcutta and very soon shifted to Hijli in Sept. 1950. The present name 'Indian Institute of Technology' was adopted before the formal inauguration of the Institute on August 18, 1951, by Maulana Abul Kalam Azad.

About the Detention Camp

The district of Midnapore along with rest of Bengal and India took part in a very significant way in the revolutionary struggle against the British Raj from the early 20th century.

The large number of youth who participated in the armed struggle or the non cooperation movement could not be accommodated in ordinary jails. The then British Government decided to establish a few detention camps - the first one was located in Buxa Fort which was followed by the setting up of the Hijli Detention Camp in 1930. The Hijli Detention Camp bears a very significant mark in our freedom movement. Two unarmed detainees were shot dead here by the British Police on Sept. 16, 1931. Netaji Subhas Chandra Bose came to Hijli for collecting the bodies of the two great sons of the freedom movement - Santosh Kumar Mitra and Tarakeswar Sengupta. All the national leaders including Gurudev Rabindranath Tagore voiced their strong protests against the British Raj over this incident. The Hijli Detention Camp was closed in 1937 and was reopened again in 1940 to detain the freedom fighters without trial. In 1942 the camp was again closed and the detainees were transferred elsewhere.



IIT in its Infancy :

There were 224 fresher and 42 teachers in August 1951 when the first session started. The class rooms, laboratories and the Administrative office were housed in the historic building of the Hijli Detention Camp. The Institute started its academic program with only ten Departments. On March, 1952, Pandit Nehru laid the foundation stone of the New Building.

The layout of the present campus and the design of the buildings were carried out by a host of engineers and architects under the guidance of an eminent Swiss architect Dr. Werner M. Moser. A large amount of financial help was available for procuring a number of machine tools from the ministry of industry and supply. The Institute Workshop was supposed to be one of the best in the country. The Institute was fortunate enough to have Sir J.C.Ghosh, an eminent Scientist as its first Director under whose able stewardship the Institute grew in its formative years. The first Board of Governors was constituted with Dr. B.C. Roy, as the chairman and Mr. N.R.Sarkar, Sir Jehangir J. Gandhi, Dr. Tarachand, Mr. K.R.K. Menon, Mr. T. Sivasankar, Dr. S.S. Bhatnagar, Mr.

H. Kabir and Dr. J.C. Ghosh as members. Some eminent scholars from Europe had joined this Institute in its formative years and the first two of them were Prof. R.A. Kraus and Prof.H. Tischner, who was incidentally the first Head of Electronics and ECE Department.

On Sept. 15, 1956, the Parliament of India passed an act known as the Indian Institute of Technology (Kharagpur) Act declaring this Institute as an Institute of national importance. The Institute was also given the status of an autonomous University. From this modest start in 1950, IIT Kharagpur has been engaged in a steady process of development with about 18 academic departments, five centers of excellence. the vast tree-laden campus, spreading over 2100 acres has a self contained township of over 15,000 inhabitants. Currently we have about 550 faculty, 1700 employees and 9000 students on the campus.

The Central Library: IIT Kharagpur

Take your dreams off the shelf.

The Central Library of IIT Kharagpur is one of the largest and finest technical libraries in Asia. **It has been catering to the needs of the ten thousand students of undergraduates, postgraduates, research scholar, seven hundred faculty members and more than thousand staff members of the 19 departments, 9 centres, 12 schools and 15 research facilities of the Institute.**

The Library is well equipped with modern facilities and resources (print and electronic) in various formats. It has also developed a full-fledged Digital Library equipped with necessary modern equipment in order to provide various Library services in digital mode. This section has developed an institutional digital repository which holds up the Institute's intellectual resources for campus-wide access and ensures digital preservation for posterity.

The Library routine services have been fully automated using the library database management software 'LibSys' version 7.

The Central Library being a core of INDEST-AICTE Consortium under the aegis of the Ministry of Human Resource and Development provides online access to important full-text databases in Science and Engineering subjects as well as abstracting database services. The Central Library website, provides online access to all these e-resources.

In addition to INDEST-AICTE Consortium e-resources, Central Library, IIT Kharagpur also currently subscribed a good length of e-resources e-Journals, e-books and e-database).

In all, Central Library provides IP based access to 20,664 full-text e-Journals, and 1, 22,744 full-text e-books. In addition, it has a collection of more than 3.5 lakh documents, and 300 print journals. The collection consists of books, archived volumes of periodicals, theses, conference proceedings, standards, reports, microforms, CD-ROM/DVD-ROM databases and audio-visual materials.

A Glance into the Library Facilities:



Winner - Digitally Transformed Academic Library
Indian Institute of Technology Kharagpur

Wiley Library
Award 2018



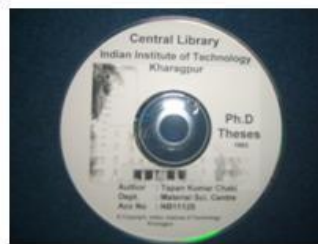
The Central Library of IIT Kharagpur has received Best Digitally Transformed Academic Library Award in the Country. There were 84 nominations for the award but Central Library, IIT Kharagpur has been selected for this Award.



Book Accompanied CD/DVD



Students Accessing eResources



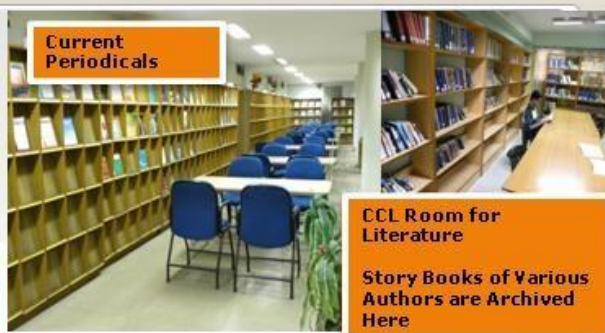
PhD Thesis Digitised CD



Library
Reading
Halls



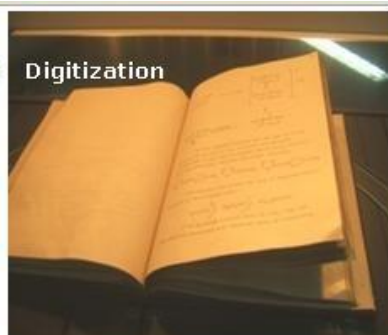
News Paper
Corner



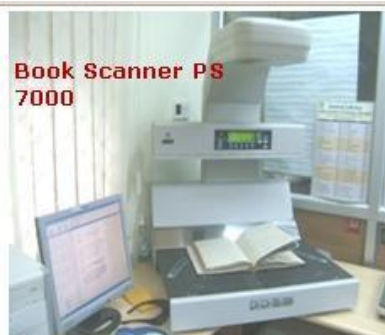
Current
Periodicals

CCL Room for
Literature

Story Books of Various
Authors are Archived
Here



Digitization



Book Scanner PS
7000

Preserving
old and rare
Books is an
on going
process.

Digitization
of our
civilization.



Central Library IIT Kharagpur
Is Now
ISO 9001:2015 Certified



Teachers are to
inspire;
librarians are to
fulfill.

Ray Bradbury

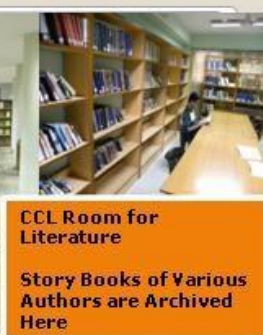
Contact Us

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Librarian
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Library
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Areas of Research

- Agricultural, Biological and Medical Sciences
- Chemical and Material Science
- Electrical and Computational Sciences
- Management, Mathematics, Architecture and Social Sciences
- Mechanical and Structural
- Physical and Earth Sciences

Social Corporate Responsibility

The Institute is sensitive to the cause of the rural areas and economically backward population. Keeping their needs and limited resources in mind the Institute students explore and come up with low cost , user friendly devices for the people.

While Climate Change is at the forefront of discussion on clean energy projects and commitments of world leaders, a village in West Bengal is taking small but steady steps to clean and sustainable energy.

The villages in Bhemua 10 No. Gram Panchayat in the vicinity of IIT Kharagpur has been equipped with 15 domestic Bio-Gas plants

In Collaboration with...

एन.बी.सी.एफ.डी.सी
नेशनल बैकवर्ड क्लासेज फाइनेन्स एण्ड डेवेलपमेंट कॉर्पोरेशन
N.B.C.F.D.C
NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION

Corporate social responsibility (CSR) refers to a business practice that involves participation in initiatives which are beneficial to society. India companies are committed to undertaking CSR activities in accordance with the provisions of Section 135 of the Indian Companies Act, 2013 and related Rules. As per the notified rules, all private firms have to spend 2% of their average profit of the previous three years on CSR activities specified by the government.

Businesses are economic power-banks of a nation with the capacity to bring transformational changes in development and growth of a necessitous section of the society.

The Institute has an assortment of 30 different innovative projects that are aligned to areas like:

- Hunger, Poverty, Malnutrition and Health, for details [click here](#)
- Education, for details [click here](#)
- Rural Development Projects, for details [click here](#)
- Gender Equality and Women Empowerment, for details [click here](#)
- Environmental Sustainability, for details [click here](#)
- National Heritage, Art and Culture, for details [click here](#)

The Institute has introduced an additional domain on Health and Wellness of Students, for detail:

Contact us at corporate.csr@hijli.iitkgp.ernet.in

Career Development Centre

All-round Career Development Program

The Institute organizes various programs to improve soft skills, professional communication and personality through career counseling by professional agencies/experts. Students are also assisted in preparing professional resumes by conducting resume writing workshops. Management development programs are conducted by experts. The Career Development Centre also assists the departments in organizing Industry oriented workshops, leadership talks, lectures, competitions, Curriculum Oriented Career Prospects (COCP) Workshops including specialized niche areas.

Choice of Companies - IIT Kharagpur invites the best recruiters in the market during the internship and placement season covering various sectors such as Core Engineering, IT, Finance, Consulting, Automobiles, PSUs, etc. The sheer diversity of recruiters across

Career Development Portal

www.cdc.iitkgp.ernet.in

Important Links

[Internship and Placement Policy](#)

[International Internship](#)

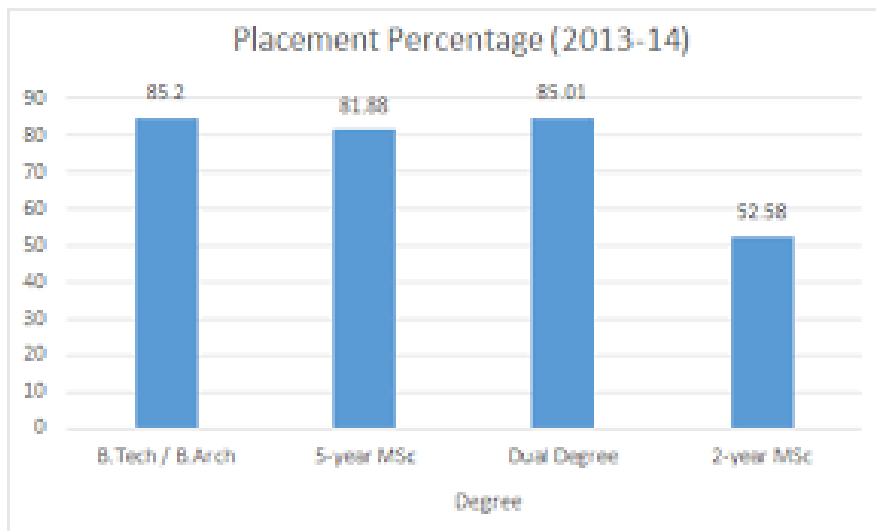
[ISWT](#)

[QIP / TEQIP](#)

all domains and the extensive participation of overseas companies is an epitome of the global stature of the brand IIT Kharagpur.

Flexible Curriculum - The internship and placement trend at IIT Kharagpur has shown that the flexibility in curriculum makes the students fit into any sector such as Core Engineering, IT, Finance, Analytics, Consulting et al. It does not matter which discipline you study, you may make a successful in-road to placement.

Universally Compatible - More than 1500 students placed every year in 250+ top brands with best compensation packages. KGP students are universally compatible to take up challenges in any of the sector because of the flexibility in our curriculum. The entrepreneurial frame of mind of the students of IIT Kharagpur has also received appreciation from the recruiters. The corporate preparedness of the students is indicated by the significantly large number of students hired by the recruiters as compared to other institutes.



Some of the Star Alumni of IIT KGP

Dr. Mani Bhaumik: Invented LASIK. Received Padma Shri Award!

ArunSarin : Ex CEO Vodafone

BedabrataPain: Scientist at NASA, has 87 patents. Recently directed a film, Chittagong!

ArvindKejriwal: CM of Delhi, Founder, AAP, Social Activist

AshokKhemka: IAS Officer. Civil Servant at Haryana

SundarPichai: Formerly Senior VP Android. CEO Goggles at present

Vinod Gupta: Founder of Infogroup

Arjun Malhotra: Co-founder of HCL Technologies

Ravi Kant: Former MD Tata Motors

Over the last 63 years IIT Kharagpur has fulfilled the dreams of many students who have graduated so far. The alumni have distinguished themselves in almost every field as scientists, academicians, technocrats, industry captains, architects, bureaucrats and have made significant contributions in building modern India. A large no. of them have also made their mark as successful entrepreneurs, academicians or scientists abroad.

IIT KGP also takes pride in producing alumni who have served the country as RBI governor, as Indian ambassador, as Chief Minister, as winner of prestigious Ramon Magsaysay awards, as winner of prestigious medals like VSM, AVSM from the President of India for serving the Indian ARMY, NAVY or the AIRFORCE. Some have made their mark as novelists or as Editors of Magazines and Newspapers, as Bonsai expert, in film making, photography or social work too.

And the list goes on...

DEPARTMENT WISE EMINENT ALUMNI

Aerospace Engineering
Agricultural & Food Engineering
Architecture & Regional Planning
Biotechnology
Chemical Engineering
Chemistry
Civil Engineering
Computer Science & Engineering
Electrical Engineering
Electronics & Electrical Communication Engineering
Geology & Geophysics
Humanities & Social Sciences
Industrial & Systems Engineering
Mathematics
Mechanical Engineering
Metallurgical & Materials Engineering
Mining Engineering
Ocean Engineering & Naval Architecture
Physics

<http://why.iitkgp.ac.in/eminent-alumni>

<https://www.toppr.com/bytes/successful-iit-alumni/>







Dr. Joy Banerjee,

An Alumnus of IIT (KGP), Arthur D. Little Boston, USA, Ex-World Bank, USA

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