

# CAMBRIDGE INSTITUTE OF TECHNOLOGY

Tatisilwai, Ranchi – 835103, Jharkhand  
Approved by AICTE, New Delhi,  
Affiliated to Jharkhand University of Technology,  
Govt. of Jharkhand

*Our Vision- "Quality Education"*

*Our honourable President her excellency  
Smt. Droupadi Murmu  
(then Governor, Govt. of Jharkhand)  
with our Chairperson Smt. Janki Devi*



**22**  
Years of  
Academic Excellence

**500+**  
Campus  
Placement  
Drives

**22+**  
Years of  
Academic  
Excellence

**300+**  
Top Notch  
Companies  
Visited

**16LPA**  
Highest  
Package



**Courses- B. Tech | M. Tech | M.B.A.**

 : [www.citranchi.ac.in](http://www.citranchi.ac.in)



## Our Founder

**Dr. Bahadur Singh**

14 Jan. 1941-24 Sept. 2014

## Our Sister Concern Institutions



**Cambridge School**  
Affiliated to CBSE. Class- Nursery to 10+2,  
Residential and Day School.



**Gautam Buddha International School**  
Affiliated to CBSE. Class- Nursery to 10th,  
Day School.



**Cambridge Institute of Polytechnic**  
Approved by AICTE, New Delhi, Affiliated to Jharkhand  
University of Technology, Govt. of Jharkhand



**Cambridge Institute of Teachers Education**  
B.Ed - Recognized by NCTE and Affiliated to Ranchi  
University, Ranchi. DL. Ed. - Affiliated to JAC.

## About the Institute

Cambridge Institute of Technology was established in the year 2001 at Tatisilwai (16 kms from Ranchi, the capital of Jharkhand) as a preferred centre of scientific and technical education under the able and visionary guidance of Late Dr. Bahadur Singh- An Educationist & Social Reformer. The Institute has been promoted by Cambridge Trust of India, a registered body under Indian Trust Act. The Board of Governors of the trust comprises of Educationists, Technocrats, Social Workers and Philanthropists.

Since its establishment, the Institute has grown and flourished rapidly and is today one of the premier Engineering Institutes of the country. The Institute is approved by All India Council for Technical Education (AICTE) New Delhi and affiliated to Jharkhand University of Technology, Government of Jharkhand.

Cambridge Institute of Technology has a sprawling campus and the range of hillocks provides a scenic natural surrounding which is most suited for academic environment. The building house contains Academic Block, Administrative Block, Computer Laboratories, well equipped workshops, State-of-the-art well stocked library, Conference and Seminar hall and students' amenities like Lounge, gardens and well-laid playgrounds, physical education centre and canteen. There are many small, medium and large scale industries located in the vicinity which provides opportunities for practical training and placement of students. The Institute produces versatile, innovative, entrepreneurial, globally competitive engineers imbued with high ethical standards and social responsibility and has established a reputation as an institution free from the evil of ragging.

Cambridge Institute of Technology provides holistic education by which character is formed, strength of mind is increased, and intellect expanded - enabling students to stand on their own feet. Focus is always on promotion of self-learning, sports, games, social, cultural and technical events for honing talents to ensure all-round development amongst the students.

- ❖ All India ranked 12th & 2nd in Jharkhand by CSRGHRDC under "Best Promising Engineering Colleges" for 2016.
- ❖ First, Foremost and the Best Private Technical College Campus in the State of Jharkhand.
- ❖ Located in the Industrial area of the State capital.
- ❖ Highly qualified, dedicated team of faculties and technical supporting staff.
- ❖ Prospective arrangement of Guest, Visiting & Adjunct faculties from different Organisations, Institutes & Industries for better interaction.
- ❖ Best results among colleges under JUT.
- ❖ Well equipped laboratories.
- ❖ Research and Development laboratory.
- ❖ Hi-Tech computer centre.
- ❖ Sophisticated English language laboratory.
- ❖ MoMSME recognised Incubation Center for startups & Entrepreneurship.
- ❖ Smart classrooms, Tutorial rooms.
- ❖ Conference and seminar halls.
- ❖ Library with national and international Journals.
- ❖ E-Journals & e-books.
- ❖ Dedicated reading rooms and Remedial classes.
- ❖ Wi-Fi campus



- ❖ NPTEL for e-learning from IIT Professors.
- ❖ Hygienic food in cafeteria and hostel.
- ❖ Round the clock electricity.
- ❖ Fire fighting systems.
- ❖ Separate hostel for boys and girls.
- ❖ Pure and safe drinking water.
- ❖ Indoor and outdoor games.
- ❖ Health care centers, first aid and sick room.
- ❖ Vigilant security round the clock.
- ❖ Scholarship to poor and meritorious students
- ❖ Parents teacher interaction.
- ❖ Community outreach program.
- ❖ Industry Institute interaction and Industrial visits.
- ❖ Personality Development and Interview Preparation Programs.
- ❖ Latest infrastructure as per norms.
- ❖ Complete placement assistance.
- ❖ Tie up with nationalized bank for educational loan facility.
- ❖ Seminars and workshops at regular intervals Among the few colleges selected as centre for the conduct of various online examination on national basis.
- ❖ Eco friendly campus.
- ❖ Well connected by road, rail and air.
- ❖ More than 10,000 alumni working in different Government, private sectors and multinational companies.
- ❖ Uniform dress code for students.
- ❖ B.Tech, M.Tech and M.B.A under one roof.
- ❖ Ragging Prohibited campus.
- ❖ Internships in top industries.
- ❖ Best Placements



## Courses with Intake

Under Graduate Programme – B.Tech	
Civil Engineering	120
Mechanical Engineering	60
Computer Science & Engineering	120
Electrical & Electronics Engineering	60
Electronics & Communication Engineering	30
Post Graduate Programme – M.Tech & MBA	
M.Tech ( CAD/CAM) – Mechanical Engineering	18
M.Tech ( Structural Engineering ) – Civil Engineering	18
MBA –Marketing, Finance, IT & HR	30

## Eligibility & Admission Criteria : As per norms of AICTE & Govt. of Jharkhand

1. The above fees are subject to change by the Fee Fixation Committee, Govt. of Jharkhand and the revised fee will be applicable to all ensuing/pursuing students.
2. University Exam Fees will be charged separately as applicable.
3. Students who are admitted to any of the course are required to pay the fees in full for 1<sup>st</sup> year at the time of admission.
4. In case of withdrawal the refund of fees will be applicable as per AICTE handbook.
5. Caution money of the Institute shall be refunded only after completion of the course.
6. For payments, D.D. to be made in favour of 'Cambridge Institute of Technology', Payable at Ranchi



1. The above charges may be revised annually and the revised fee will be applicable to all ensuing/pursuing students.
2. No refund of fees will be made after allotment of the Hostel.
3. Caution money of the hostel shall be refunded only after 2 years of stay in the hostel.
4. \*Mess charges may vary subject to the market index
5. For payments, D.D. to be made in favour of 'Cambridge Trust of India', Payable at Ranchi

## Facility

### Hostel

There are separate hostel campus for boys and girls. The rooms are available on sharing basis. All hostels are equipped with excellent mess facility and Wi Fi. Students are encouraged to reside in the hostel for overall development.



### Transport Facility

Transport facility is provided to the students. Pick and drop facility are available from hostel to college building for girl students

### Medical Facility

Excellent healthcare facilities are provided for all students of the Institute. Each hostel has a medical dispensary where round the clock medical assistance is provided on regular basis. In case of emergency hospitalization is done in nearby hospitals.

### Cafeteria

A well-equipped neat and clean cafeteria is in the college campus, which provides fresh, delicious and healthy food for students at a very nominal price.



### Bank and ATM

Many private and PSU banks are located in close proximity of the campus.

### Health Club

There is a health club / gymnasium inside the campus for physical fitness of the students which is an important aspect for academic pursuit.

### Internet Facility

The entire Institution including the hostel is Wi-Fi enabled yet there is additional Internet connection in the library for the purpose of Internet browsing.

### Library

The Library of the Institute possesses copious amount of books from immense fields and subjects, which are not restricted just to the course curriculum. National and International Journals with thousands of e-books are there to support the academic programme.

## Computer Science & Engineering

The course is designed to equip the students with the skills, concepts and principles of computing and help develop an understanding of its application in computing system design, implementation and usage. The department has instructional labs with 400+ latest computers.

### Laboratory facilities include

- ❖ Data Science Lab
- ❖ Artificial Intelligence Lab
- ❖ Computer Programming Lab
- ❖ Computer Network Lab
- ❖ Computer Graphics Lab
- ❖ DAA Lab
- ❖ Data Structure Lab

### Job Opportunities

- ❖ Ethical Hacking
- ❖ Cyber Security
- ❖ System Designer
- ❖ Network Engineers
- ❖ Software Developers
- ❖ Hardware Engineers
- ❖ System Analyst
- ❖ Data science and many more....



## Mechanical Engineering

Mechanical engineers are found in almost every type of engineering activity and are involved in power generation, transportation systems for land, sea and air, pollution control, environmental protection and biomedical engineering.

### M.Tech Mechanical - CAD/CAM

M. Tech in Computer Aided Design & Manufacture engineers interested in pursuing higher studies in the discipline may pursue Ph.D. in the subject upon completion of their course. They are hired in a variety of sectors such as manufacturing, education, R&D in industries, and steel plants, space research institutes, power plants, universities, among others.

#### Laboratory facilities include:

- ❖ Strength of Materials
- ❖ Fluid Mechanics and Machines
- ❖ Theory of Machines
- ❖ Internal Combustion Engine
- ❖ Manufacturing Engineering Lab
- ❖ Thermodynamics
- ❖ Heat & Mass Transfer
- ❖ Refrigeration & Air-Conditioning
- ❖ Automobile Engineering
- ❖ Computer Numerical Control (CNC)
- ❖ Computer Aided Design Lab

#### Job Opportunities:

- ❖ Product Design Engineer
- ❖ R & D Engineer
- ❖ Production Engineer
- ❖ Plant Engineer
- ❖ Technical Engineer
- ❖ Quality Control Engineer
- ❖ Mining Engineer
- ❖ Manufacturing System Engineer and many more....



## Civil Engineering

Civil engineers do the task of producing those permanent structures and services such as roads, railways, bridges, buildings, tunnels, airfields, water supply and sewerage systems, dams, pipelines, river improvements, harbours and irrigation systems and give the greatest amenity for the funds expended.

### M.Tech - Structural Engineering

Structural Engineering involves advanced study of the course's components such as Structural Mechanics, Finite Element Analysis, Structural Dynamics, Structural Reliability and Optimization, Reinforced and Pre-Stressed Concrete, Steel Structures, Design for Wind and Earthquake, Tall Buildings And Towers, Computer Applications In Structural Engineering, etc.

#### Laboratory facilities include:

- ❖ Geo-Tech Lab
- ❖ Structure Engineering Lab
- ❖ Transportation Lab
- ❖ Concrete Engineering Lab
- ❖ Geology Lab
- ❖ Fluid Engineering Lab
- ❖ Open Channel Flow Lab
- ❖ ARC GIS
- ❖ CYPE CAD Lab

#### Job Opportunities:

- ❖ Construction projects.
- ❖ Jobs in PSU, Govt. Organisation and in Private sectors.
- ❖ Infrastructure promoters
- ❖ Scientists in Research Organisations
- ❖ Design/Architect Engineer
- ❖ Can set up own engineering consultancy and many more....

## Electronics & Communication Engineering

Electronics Engineers are primarily concerned with development and manufacture of components and systems which utilize electrical, magnetic and optical phenomena.

Modern courses like Digital signal processing, very large scale integration and optical communication are offered to the students as per the need of the market and for better placement opportunities in global industries.

#### Laboratory facilities include:

- ❖ Basic Electronics Lab
- ❖ Digital Electronics Lab
- ❖ Microprocessor & Microcontroller Lab
- ❖ Electronics Instrumentation & Measurement Lab
- ❖ Analog and Digital Communication Lab
- ❖ Optical Communication Lab
- ❖ Simulation Lab
- ❖ Microwave Engineering Lab
- ❖ Analog Electronics Lab

#### Job Opportunities :

- ❖ Software Engineer
- ❖ System Engineer
- ❖ Junior Telecom Officer
- ❖ Tele - Communication Engineer
- ❖ Radar Engineer
- ❖ Defense research organizations.
- ❖ Space industries involved in design and fabrication of devices used in space communication.
- ❖ Integrated circuits, embedded systems, electronic equipments etc also provide large scale placements for engineers with these specialization.
- ❖ Equipments and systems for instrumentations and control in process industries.
- ❖ Automation systems of assembly line in production industries etc are also handled by Electronics engineers and many more....



## Electrical & Electronics Engineering

It is one of the core branches of engineering that deals with electricity, power generation and transmission. Study of electrical machines, transformers, motors and generators forms the major part of the curriculum.

#### Laboratory facilities include:

- ❖ Basic Electrical Lab
- ❖ Electrical Machine Lab
- ❖ Measurement/Instrumentation Lab
- ❖ Power System Lab
- ❖ Control System Lab
- ❖ Power Electronics Lab
- ❖ Switchgear & Protection Lab
- ❖ Computer Lab ( Network Theory, Simulation Lab, Signal System Lab )
- ❖ Project Lab

#### Job Opportunities :

- ❖ Electrical Engineers are needed in all manufacturing units
- ❖ All major companies of public and private sector such as Electricity Boards, Large Scale Industries, Manufacturing Plants, Power Corporations and Hydro- Electricity sector.
- ❖ Many premier Educational and Research Institutions regularly intake electrical engineers as graduate Engineer Trainees and Management Trainees to work on research projects.
- ❖ They also get well placed in Thermal and Nuclear Power Corporation Limited and many more....



## Master in Business Administration – MBA – (Dual Specialization)

### Marketing, Finance, IT & HR

#### Benefits of pursuing MBA

- ❖ Students pursuing MBA become liable with skills required to start a new business venture/ startup or become an entrepreneur.
- ❖ It hones your expertise in a particular sector like management, human resources, finances, accounting, etc.
- ❖ Provides you with an opportunity to explore the market well and opens up various foreign job opportunities with great benefits and salaries.
- ❖ MBA ensures a progressive career as well as increases your brand value.
- ❖ Even if you are from a science or arts background, you can still pursue an MBA in your post-graduation.
- ❖ A plethora of fields to choose from.
- ❖ Adds to your brand value and makes you stand out before the hiring manager.

### Training & Placement Cell

Training and Placement Cell has an important role to play in students future an indispensable pillar of the Institute. This department continuously strives to help students in pursuing their career goals by acquiring employment seeking skills and ultimately to attain desired employment. This is accomplished through building a strong partnership amongst students, alumni, faculty members and industries.

CIT(R) follows centralized placement activity which gives each branch equal opportunity to grow for sustained excellence in career through Training & Placement. *“Transforming the students from Educational to Professional is the primary goal of our Training and Placement cell.”*

- ❖ Training and Placement encompasses three main activities: Training, Education, and Development.
- ❖ **Training** : Keeping in view the current trends and technologies being used by the industries, the training curriculum is designed for preparing the students as entry level Graduate Engineer trainees & Management trainees.

- ❖ **Education** : Appropriate skills for the job profile are acquired by the students during the classroom sessions on Aptitude and Conceptual training.
- ❖ **Development** : This activity focuses upon the personality development to make the students reliable, with positive attitude and right decision making.

### Our Latest Placement Records

SL. No.	COMPANY	PACKAGE (CTC-LPA) (Rounded Off - INR)
1	DBS Singapore	30.0
2	Carrier Midea India (Listed in Fortune 500)	15.0
3	Tata Consultancy Services (TCS)	3.5
4	Byjus	10.0/6.5
5	Cognizant	4.0/5.5
6	Amazon	8.2/7.5
7	Tata Steel Limited	10.0
8	Wipro Singapore	11.0/3.6
9	Capgemini India	4.0
10	Happiest Minds	4.0
11	Accenture	4.5
12	KPIT Technologies	4.0
13	Reliance Industries (Retails)	3.5
14	Infosys	3.6
15	HCL Technologies Limited	2.75
16	Epirock Mining India	4.0/5.75
17	Hinduja Global Solutions (HGS)	2.0
18	Genpact	1.8
19	Ericson Global India Services	4.5
20	Extramarks	4.0
21	Bureau Veritas	3.0

SL. No.	COMPANY	PACKAGE (CTC-LPA) (Rounded Off - INR)
22	ICICI Bank	2.5
23	Canara HSBC	3.0
24	HDFC Asset Management	4.0
25	Toppr Technologies	6.0
26	Vedantu	10.0
27	Credex Technologies Private Limited	3.0
28	Renault (Nissan) Technology and Business Center	4.25
29	Fanuc India Private Limited	4.0
30	Mphasis Limited	2.0
31	Josh Technology Group	9.0
32	Flash Electronics (India) Limited	2.0
33	Pidilite Industries Limited (Subsidiary)	2.5
34	Airox Nigen Equipments Pvt Limited	2.2
35	Napino Auto and Electronics	3.0
36	Decathlon Sports India	3.6
37	Manikaran Power Limited (MPL)	3.45
38	Gainwell Commosales Private Limited	4.5
39	Orient Craft Limited	2.0
40	Sasken Technologies Limited	5.0/4.5
41	Progility (Seimens)	3.5-4
42	Trysis IT Services	6.0/4.0
43	Tudip Technologies	4.0
44	Shriram Automall India Limited	5.0/3.0
45	24/7[AI] Customer Private Limited	2.7
46	Frigoglass India Private Limited	2.6
47	Garuda Power Private Limited	2.0
48	L&W Group of Companies	3.6/2.0

SL. No.	COMPANY	PACKAGE (CTC-LPA) (Rounded Off - INR)
49	Metaflex Doors India	2.2
50	Tata Tinplate	3.0
51	Lenskart	2.4
52	Vivo India	2.0
53	Yokohama Rubber Co. Limited	2.4
54	Indus Towers	4.25
55	Spray Engineering Devices Limited	2.75
56	Brembo Brakes	2.0
57	Vedika Group Companies	3.0/2.0
58	Vishal Bearings Limited	2.4
59	Pin Click	6.0
60	Vmoksha Technologies Private Limited	2.8
61	Walia Auto Ancillaries Pvt. Limited	2.0
62	QH Talbros Private Limited	1.8/2.0
63	Electromotion E-Vidyut Private Limited	3.0
64	Quality Austria Central Asia Pvt Limited	2.0
65	Qwik supply Chain Pvt Limited	3.5
66	Rashmi Group Companies	2.0
67	Newtown Grand	2.0
68	Eduquis Technology LLP	3.0
69	Kirloskar	3.0
70	OD Business Solutions	2.2
71	Astu Global Tech	2.0
72	Argusoft India Private Limited	7.1
73	Parmar Constructions Private Limited	2.4
74	PASA Constructions	2.0/2.4
75	ARMJET Thane	2.4
76	Samadhan India	3.5

SL. No.	COMPANY	PACKAGE (CTC-LPA) (Rounded Off - INR)
77	Powertek Automation	2.0
78	Cadworks India	2.0
79	EVitamin Business Consulting	3.0
80	Concentrix	1.8
81	Zomato	10
82	Filo Edtech Private Limited	3.0
83	Fintech Banking and Financial Services	2.4/3.2
84	Arenyam Technologies	3.5
85	Jodart Consultants	3.4
86	High-Technext Engineering & Telecom Pvt. Ltd	2.0
87	MKC Infrastructure	1.8
88	Kodnest Technologies Private Limited	2.4
89	Transformers and Rectifiers	2.5-3.0
90	Rialto Enterprises Private Limited	1.8
91	Sachi Geosynthetics Private Limited	3.0
92	Shriram General Insurance Co.	2.2/2.7
93	Shriram Transport Finance	2.2
94	Siddheshwar Group of Industries	2.0
95	Yogpath Wellness Pvt. Limited	3.0/2.0
96	SLN Buildcon Private Limited	2.0
97	TVM Signalling and Transportation Systems	3.0
98	Universal Hunt	2.5
99	Vastu Vihar	2.0
100	Legato Health Technologies	5.0
101	And many more....	

## Clubs and Society

Life at CIT Ranchi stretches way beyond classroom rigor and assignments.

The Institute offers excellent opportunities to its students to participate in recreational and creative activities through many clubs and societies.

These clubs and societies intend to serve as the nerve Centre of all student activities in the campus. It aims to foster a well-balanced development of its members through excellence in extra-curricular activities along with their academic achievements.

- ❖ Photography Club
- ❖ Spic Macay Heritage Club
- ❖ Literary Club
- ❖ Cultural Club
- ❖ Environment Club
- ❖ Science Club
- ❖ Red Ribbon Club
- ❖ Sports Club

## Cells & Committee's

- ❖ Entrepreneurship Development Cell
- ❖ Grievance Redressal Committee
- ❖ CIT Alumni Association- (CITAA)
- ❖ Industry Institute Interaction
- ❖ Internal Complaints Committee
- ❖ Sports Committee
- ❖ Internal Quality Assurance Cell
- ❖ Anti Ragging Committee
- ❖ Disciplinary Committee
- ❖ Library Committee
- ❖ SC/ST Committee
- ❖ Womens Cell
- ❖ R & D Cell
- ❖ CEP Cell
- ❖ NSS Cell
- ❖ IIC



Our Non-Teaching Staff

## News Clipping

### Four students of civil engg of CIT placed

Four students of civil engineering of CIT Ranchi have secured excellent placements in various companies.

### सीआईटी में एक्सपर्ट लेक्चर का आयोजन

An expert lecture was organized at CIT Ranchi to provide students with practical insights into their field.

### सीआईटी के इंटर-रिचिंग वेड टोपीएलसी एडिटीयोरनी आर्टोमेलन टैनिंग परसटाइल संयोजन

A seminar was held at CIT Ranchi to discuss the latest trends in fashion design and textile technology.

### सीआईटी के 20 डिपार्टमेंट्स का उत्सव

CIT Ranchi celebrated the 20th anniversary of its departments with a grand event.

### सीआईटी में दो दिवसीय औद्योगिक अभिप्रेरण का समापन

The two-day industrial orientation program at CIT Ranchi has concluded successfully.

### सीआईटी के नौ विद्यार्थियों का कैंपस सिलेक्शन सम्मूह (आजारा विद्यापीठ)।

Nine students of CIT Ranchi were selected for a campus placement drive.

### आगे की पढ़ाई जर्मनी में करेगी सीआईटी की सितेश्वरी

One of the students of CIT Ranchi is pursuing further studies in Germany.

### सीआईटी के 34 विद्यार्थियों का हुआ कैंपस सलेक्शन

Thirty-four students of CIT Ranchi were selected for campus placements.

### सीआईटी के मेकेनिकल एवं इलेक्ट्रिकल इंजीनियरिंग के 12 विद्यार्थियों का कैंपस

Twelve students from mechanical and electrical engineering departments were selected.

### इंडस्ट्रियल ट्रेनिंग प्रोग्राम में 450 विद्यार्थियों ले रहे भाग

Four hundred and fifty students participated in the industrial training program.

### सीआईटी के 25 डिपार्टमेंट्स का कैंपस सिलेक्शन सम्मूह (आजारा विद्यापीठ)।

Twenty-five departments of CIT Ranchi participated in a campus placement drive.

### सीआईटी के 5 विद्यार्थियों का एपिरोक इंडिया में चयन

Five students of CIT Ranchi were selected by Apurok India.

### सीआईटी में रक्तदान शिविर

A blood donation camp was held at CIT Ranchi to support the community.

### महत्वपूर्ण न्यूज

Important news updates regarding the institute and its activities.

### सीआईटी में विश्व पर्यावरण दिवस पर विभिन्न कार्यक्रमों का आयोजन

Various programs were organized at CIT Ranchi to celebrate World Environment Day.

### सीआईटी के 25 डिपार्टमेंट्स का कैंपस सिलेक्शन सम्मूह (आजारा विद्यापीठ)।

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### सीआईटी के छात्रों ने किया औद्योगिक भ्रमण

Students of CIT Ranchi went on an industrial visit to learn from real-world experiences.

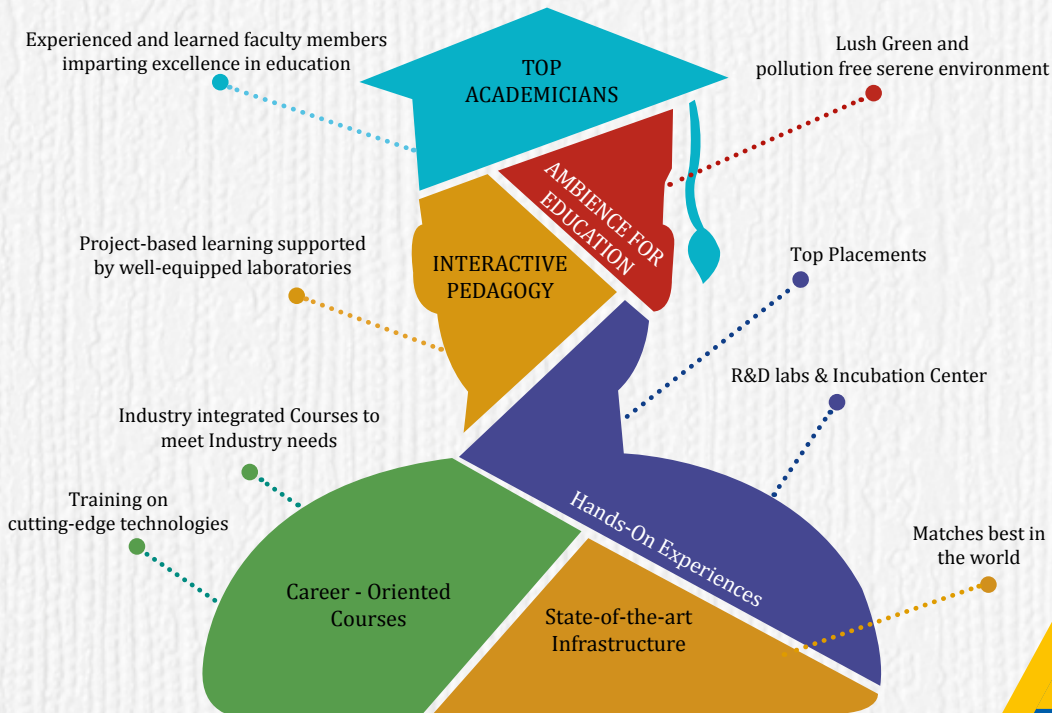
### सीआईटी के छात्रों ने किया औद्योगिक भ्रमण

Students of CIT Ranchi went on an industrial visit to learn from real-world experiences.

# Our Teaching Staff



## SALIENT FEATURES



Contact for Admission Enquiry

9931444441,9279439460

adm@citranchi.ac.in

secretarycambridge@gmail.com

www.citranchi.ac.in



Scan QR Code : Website



Instagram



Facebook