



Indian Institute of Information Technology Ranchi  
भारतीय सूचना प्रौद्योगिकी संस्थान रांची

# Placement Brochure

2024-25

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Indian Institute of Information Technology Ranchi, is an autonomous institute that was established in the year 2016 by the Ministry of Human Resource Development (MHRD) under the Public-Private Partnership (PPP). It is an "Institute of National Importance", declared by an act of parliament. In this endeavor, the Government of India, the Government of Jharkhand, and private partners – Central Coalfield Limited, Tata Consultancy Services, and Tata

Technologies Limited – are working in unison to establish an Institute that bridges the gap between academics and industry. The combined effort will create a pool of skilled Electronic Communication Engineers, Computer Scientists & Engineers readily employable in the industry.

## Our Vision

Our vision is grand and deeply rooted in a steadfast commitment to excellence in scientific and technical education and research. We are driven not only to achieve excellence but also to make significant and lasting contributions, not only within India but on a global scale. Our aspiration is to emerge as a beacon of innovation and knowledge, serving as a valuable resource not only for industry but for the benefit of society as a whole.

Central to our mission is an unwavering dedication to upholding the highest standards of excellence across all facets of our work. We take immense pride in our achievements, recognizing that they serve as a source of inspiration and national pride for all Indians. Our relentless pursuit of knowledge, innovation, and service is guided by a desire to create a lasting impact that transcends borders, shaping a brighter future for generations to come.

Through our visionary approach, collaborative efforts, and unwavering commitment, we endeavor to push the boundaries of what is possible, driving transformative change in scientific and technical education and research. We aim to cultivate a culture of curiosity, creativity, and excellence that not only benefits our immediate community but also contributes to the advancement of humanity as a whole.

## Our Mission

Our commitment to generating new knowledge through cutting-edge research and promoting academic growth through state-of-the-art educational programs remains unwavering. In alignment with this vision, we continuously assess Indian, regional, and global needs to identify strategic areas of specialization where our institute can concentrate its efforts.

Through an informed perception of these needs, we pinpoint specific disciplines and domains that hold immense potential for impactful contributions. These areas of specialization are carefully selected to address pressing challenges, harness emerging opportunities, and drive innovation in sectors crucial for societal progress and global development.

Moreover, our dedication to collaborative endeavors extends beyond conventional boundaries. We actively seek and undertake collaborative projects that foster long-term interactions with academia and industry. These partnerships create invaluable opportunities for knowledge exchange, research synergy, and the co-creation of solutions that address real-world challenges.

By combining our expertise, resources, and collaborative networks, we aspire to not only advance knowledge but also catalyze positive change on a global scale. Through strategic focus, interdisciplinary collaboration, and a commitment to excellence, we are poised to make enduring contributions that shape the future of education, research, and societal impact.

## Message from Director



Prof. Rajeev Srivastava  
Director, IIIT Ranchi

IIIT Ranchi is proud to present its 2021 batch of graduates for the Placement session 2024-25. We invite you to collaborate with us in engaging our students for better placements as well as internship programmes. Notified as an Institute of National Importance, IIIT Ranchi was founded in 2016 under the Public Private Partnership model as a collaborative initiative between the Government of India, Government of Jharkhand, Tata Consultancy Services, Tata Technologies Ltd, and Central Coalfields Ltd.

The Institute is in the process of setting up its own campus. The Institute offers graduate, postgraduate, and research programmes in the disciplines of Computer Science and Engineering and Electronics & Communication Engineering. Commencing from the intake of students, based on their performance in the National level Joint Entrance examinations(JEE), the rigor, and exacting standards continue right through the entire programme. The students have access to state-of-the-art laboratories that host advanced technologies providing hands-on exposure to complement the learning of theoretical concepts. In addition, the Institute has five research cells where both students and members of the faculty engage in high-level projects commencing from the second year of the programme. There is also a Center for Incubation, Innovation, Technology & Entrepreneurship that fosters creative ideation, experimentation, and successful translation of the same to a commercial reality.

## Message from TPO

Indian Institute of Information Technology (IIIT) Ranchi, established in Year 2016 as an Institute of National Importance by an act of Parliament, in a Public Private Partnership (PPP) mode with an aim to be a self sustainable institute within five years and achieved excellence in teaching and research in Information technology. In this endeavor, Government of India, Government of Jharkhand, and private partners – Central Coalfield Limited, Tata Consultancy Services and Tata Technologies Limited – are working in unison to establish an



Dr. Santosh Kumar Mahato  
Associate Dean, T&E, IIIT Ranchi

Institute that bridges the gap between academics and industry, creating a pool of skilled Electronic Communication Engineers, Computer Scientists & Engineers that are readily employable in Industry. The curriculum and labs at IIIT Ranchi commensurate with industry standards, established so that students get exposure at the earliest to the environment and work culture of industry. In coming years, the institute will contribute profusely in research and scientific discovery by adding various research programs. It is my earnest appeal to all stakeholders to contribute in the progress of the Institute and to all major players of IT industries to provide opportunities to students of IIIT Ranchi in terms of campus placement.

# Highlights



IIIT Ranchi Students secured 82 rank in ICPC regionals



1st Prize in UNESCO India Africa Hackathon 2022



Global Mental Health & Public Health Challenge



IIIT Ranchi Student got 1st prize in SIH 2022



MoU Signed with Jharkhand Govt. Tool Room



IIIT Ranchi student qualified GSOC from 2022-26 batch

# Highlights



Ranchi News: दिल्ली ॥ (इंफॉर्मेशन टेक्नोलॉजी और डिजिटल टैक्नोलॉजी) रांची की संस्कृत भाईस के इंजीनियरिंग की छात्रा प्रवीण शर्मा को 83.38 लाख रुपये का पैकेज मिला है, जो इतिहासिक है।

**IIIT Ranchi Student got 83.38 LPA Package in 2023**



**IIIT Ranchi Student grabbed summer internship at GOOGLE from 2021-25 batch.**



**Paytm CEO "Vijay Shekhar Sharma" visited IIIT Ranchi**



**IIIT Ranchi student qualified GSOC from 2021-25 batch**



**First Convocation of IIIT Ranchi in 2022**

# Convocation 2023

The second convocation ceremony of IIIT Ranchi held in 2023 will be remembered as a momentous event in the institution's history. The prestigious presence of the President of India, the Governor of Jharkhand, and the Chief Minister added an extraordinary sense of significance and excitement to the occasion. Their speeches resonated deeply with the audience, shedding light on the remarkable achievements of IIIT Ranchi and emphasizing the crucial role of technological advancements in shaping the future.

The speeches delivered by the esteemed guests highlighted the institute's commitment to excellence and innovation. They praised IIIT Ranchi's remarkable academic standards, research contributions, and its dedication to nurturing talent. The recognition bestowed upon the institute by such distinguished personalities reaffirmed its growing prominence in the field of education and technology. The ceremony culminated with the graduates receiving their well-deserved degrees and medals, symbolizing the successful completion of their educational journey at IIIT Ranchi. This momentous achievement left an indelible impression on the students, filling them with a profound sense of pride and accomplishment.



# Why Choose Us?

## Admission Process

Admission to the institute is solely based on performance in the **JEE Mains examination**, ensuring that all students admitted are merit-based and have excelled in their school and entrance exams. This year our opening rank was **19626**.

## Curriculum and Academics

The institute has an excellent faculty with most members holding doctorates from top IITs and NITs. We promote breakthrough research to generate new knowledge and offer state-of-the-art undergraduate, postgraduate, and doctoral programs that cater to the needs of the Indian, regional, and global community. Our syllabus is constantly updated to match the current industry standards, and we undertake collaborative projects with academia and industry.

## Industrial Exposure

To ensure practical application of knowledge and skills gained in the classroom, all students are required to complete industrial training in their 7th semester in any organization in India or abroad. This training familiarizes students with the functioning of industries and equips them to execute their ideas.

## Student Diversity

IIT Ranchi admits students from all over the country, and we believe in the importance of diversity in an organization. Our students have diverse interests and excel in sports, cultural activities, technical expertise, social volunteering, and more, creating a balanced student body.

## Alumni Network

The institute is immensely proud of its alumni and their achievements in various fields. With the focus on internationalization, interdisciplinary research, and industrial relations, our alumni play an active role in shaping these areas. They have become industry leaders, entrepreneurs, scientists, managers, and more, making us proud.

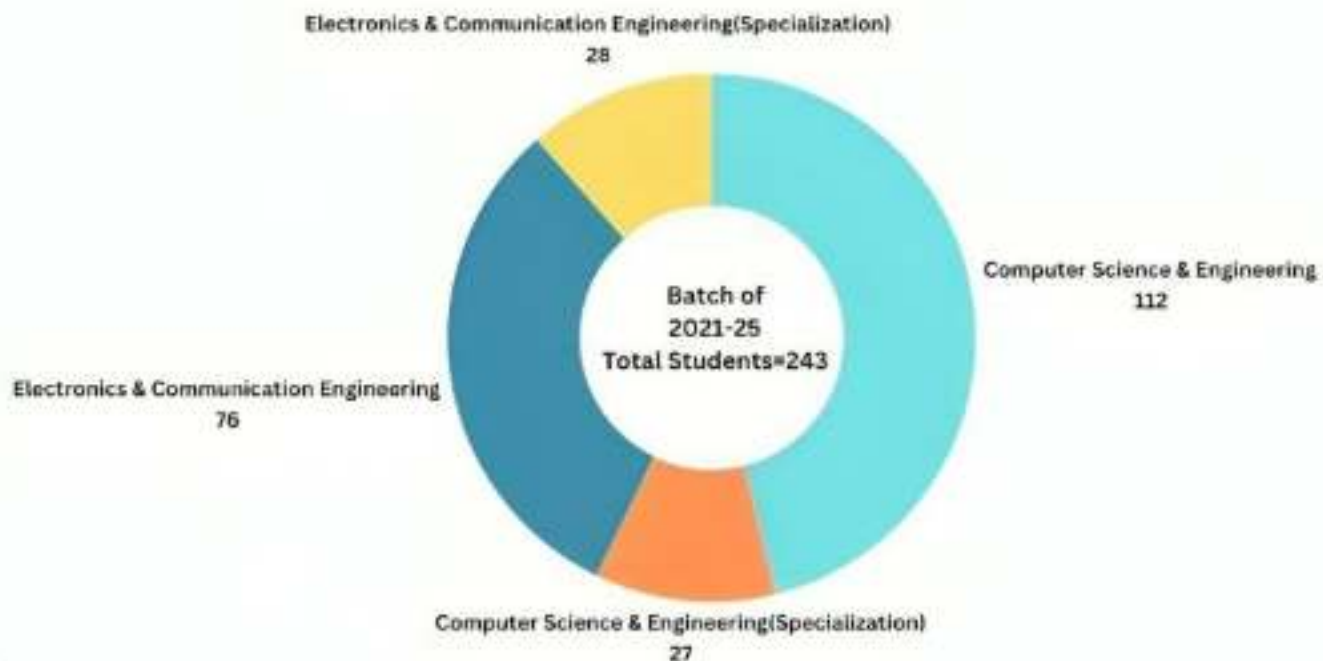
## GATE

Our students have achieved excellent results in GATE Exam 2024 with the top 3 ranks as 452, 711, and 1024



## 2021-25 Batch

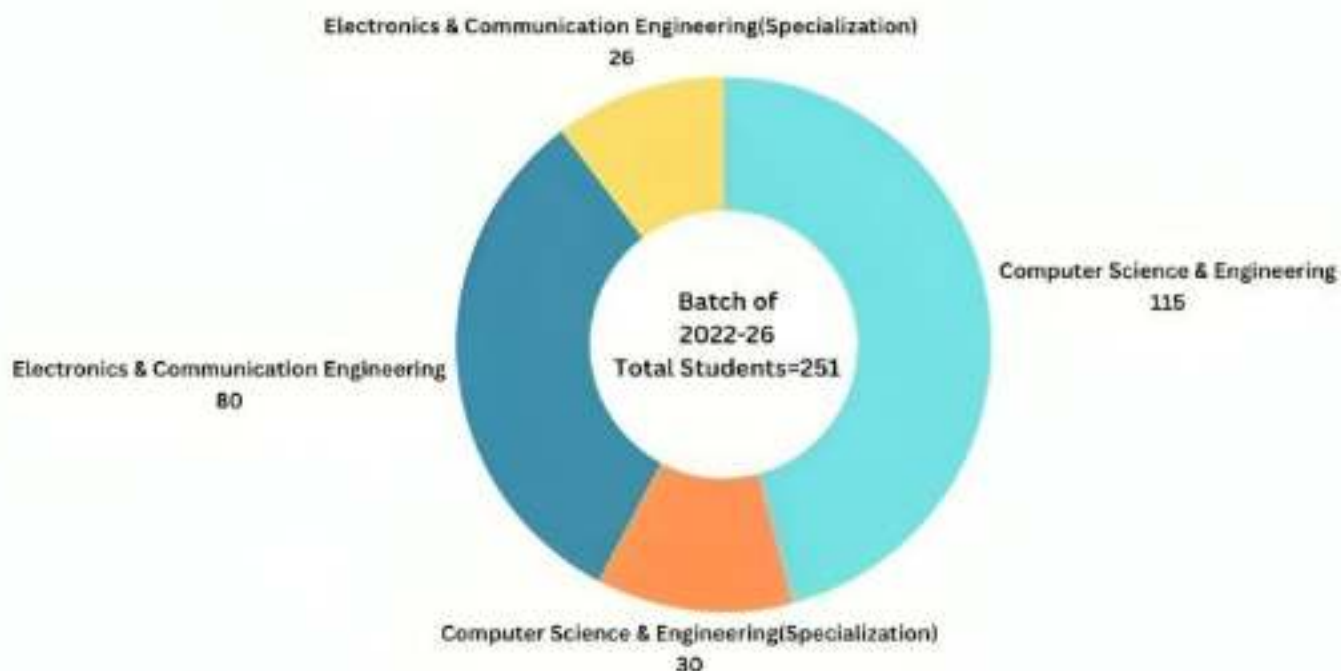
Available for 6 months internship & full time offers (PPO)



\*Internship period for 2021-2025 batch starts from 1st week of Jan 2025

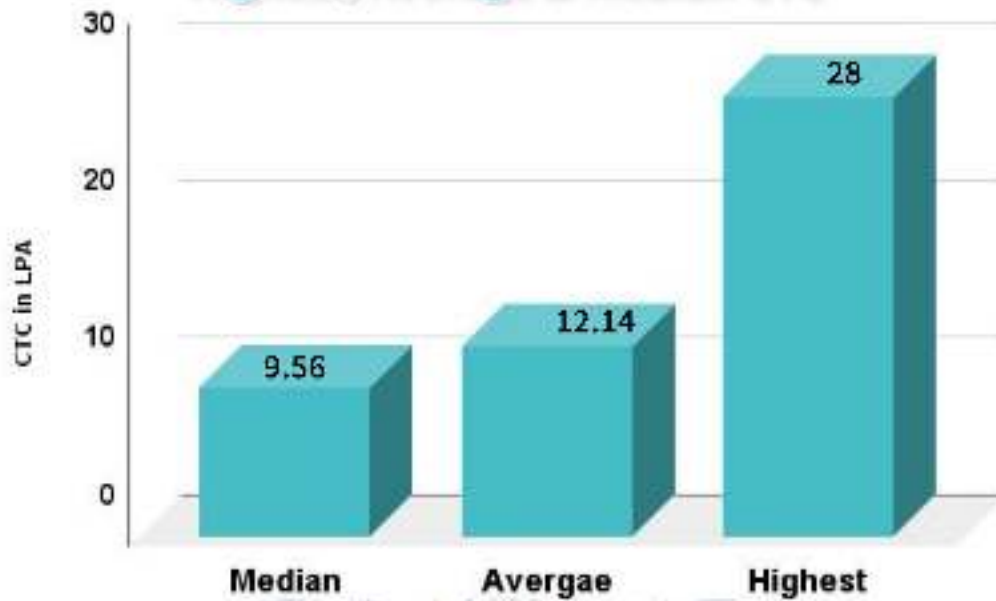
## 2022-26 Batch

Available for 2 months internship



\*Internship period for 2022- 2026 batch - May 2024 to July 2024

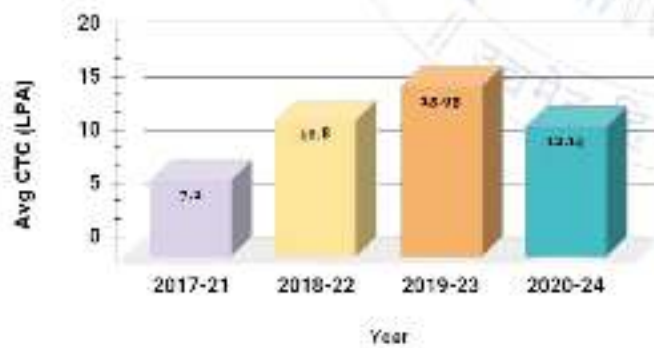
## Highest, Average & Median CTC



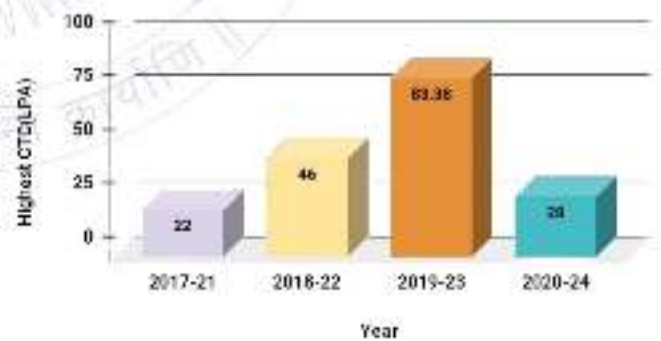
## Average Package Comparison

## Highest Package Comparison

Avg ctc vs. Year



Highest CTC(LPA) vs. Year



## Batchwise No. of Offers

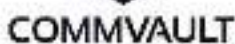
## Batchwise No. of Offers



● 2017-21 ● 2018-22 ● 2019-23 ● 2020-24

● 2017-21 ● 2018-22 ● 2019-23 ● 2020-24

Students Adding Value at



# Students Adding Value at



## Computer Science Engineering & Related Technology

-  Data Structures & Algorithm
-  Artificial Intelligence
-  Operating System
-  Object Oriented System Design
-  Advance Computing
-  Computer Networks
-  Database Management

## Courses Offered in B-Tech

- B-Tech in Computer Science & Engineering
- B-Tech in Electronics & Communication Engineering
- B-Tech in ECE with specialization in Embedded System and IoT
- B-Tech in CSE with specialization in Data Science & AI

## Courses Offered in M-Tech

- Executive Data Science & Artificial Intelligence (CSE)
- Executive Design Thinking and Innovation (CSE)
- Executive Embedded System and IoT (ECE)
- Executive Autonomous Connected Electric Vehicles (ECE)
- Data Science & Artificial Intelligence
- Embedded System and IoT

## Electronics & Communication Engineering Related Technology

-  Internet of Things
-  Antenna
-  Digital Signal Processing
-  VLSI
-  Microprocessor & Microcontroller
-  Fiber Optics & Optoelectronics

## Roles Offered

- ★ SDE Role
- ★ UI/UX Designer
- ★ ML/DL Engineer
- ★ Data science
- ★ VLSI Engineer
- ★ R&D Role
- ★ Cyber Analyst
- ★ Data analyst
- ★ Product Manager
- ★ Product Analyst
- ★ BDE Role
- ★ BA Role

## Industry Projects

IIIT Ranchi strives to contribute to the society and promotes the students as well to do the same. We also focus on students gaining industry experience by actually working on real life problems, thereby applying the concepts that they learn in the classroom in actual scenarios of conflicts



### 14 Grenadiers

IIIT Ranchi was responsible for a project involving the 14th regiment of "The Grenadiers". It included digitization of the battalion's data. The project was completed by students of 2023 batch of bachelor's program.

Department of School Education and Literacy (DoSE&L), Jharkhand aims to create an integrated digital platform called e-Vidyavahini to ensure robust governance of the school and effective service delivery. e-Vidyavahini shall serve as single centralized dynamic platform for monitoring of all key parameters to ensure effective delivery of quality education to all the schools in the state.

### E-Vidya Vahini



### Arogya Sahiya

Sahiya (ASHA Workers) in Palamu have been trained on diagnosis of signs and symptoms of the subjects and on the basis of this training they are expected to council the subject (case). For their help an Android Based Mobile Application, has to be developed which upon entering basic data of the subject suggests the next steps. IIIT Ranchi proposed to create a platform for the Sahiyas.

IIIT Ranchi is continuously updating in research fields with our esteemed professors working on cutting-edge technologies. Our professors are working on industrial projects and sponsored research. Development and Research activities are also being promoted among students currently pursuing Undergraduate courses.

## Research Cell

Research cell has been established at the Indian Institute of Information Technology, Ranchi as a Centre of National Importance for Research and Creation. The constellation of high-quality equipment enabled with cutting-edge technologies at a single location provides a scientific arena for researchers.

## Objective

- To support and promote inter-and multi-disciplinary research in contemporary and frontier areas.
- To enable Faculty members and research scholars of IIIT Ranchi to access facilities of the most advanced class of instruments

## Research Laboratories Established Under Research Cell

- Analog Communication Laboratory
- Digital Communication Laboratory
- Electronic Devices and Circuits Laboratory
- Embedded System & IoT Laboratory
- Microprocessor Laboratory
- Advance Computing Laboratory
- Data Science & Bio - informatics
- Advance Communication System
- Machine Learning & Artificial Intelligence Laboratory
- Sensors and IoT Laboratory
- VLSI and Embedded System Laboratory

## Research Highlights

50+

Ongoing Projects

12

Dedicated Laboratories

## TECHNICAL SOCIETY



House of Geeks is the Technical Society of Indian Institute of Information Technology, Ranchi. Gravity is not just a force, it is the tendency of matter to move towards where the time flows slower. We believe that collaborating, mending together minds to make something phenomenal is time travel in itself!

Wings Included In House Of Geeks:-

CP Wing   SD Wing   PDM Wing   AI/ML Wing   Robotics Wing   CyberSec. Wing   Blockchain Wing

### GALLERY





# Clubs & Activities



Google Developer Student Clubs

Google Developer Student Clubs (GDSC) are university-based community groups for students interested in Google developer technologies. The prime focus for these clubs is to conduct sessions and build community projects covering different Google technologies such as Google Cloud Platform, Firebase, and TensorFlow, etc.

## Events under GDSC IIIT Ranchi

Flutter Forward Extended, Kotlin Workshops, Google Solutions Challenge Hackathon, Google I/O Extended, Hacktoberfest, Google Cloud Platform, GitHub Events, JavaEEflow, Firebase, Angular, Android, Devfest

GDSC Club is the CodeChef partner chapter of IIIT Ranchi. The club conducts workshops for coding and competitive programming, online contests, seminars/collaborations with industry leaders, and numerous other activities.



IEEE- Student Branch boosts the growth of the students and thereby the Institution by keeping an unequivocal atmosphere around the campus and inspires the students to indulge themselves in Research activities.

The main objective of this society is to promote open-source work among students as well as guide beginners on how to go about finding the right project, leaving how to contribute and finally submit contributions to the project. We can easily contribute to thousands of projects and thereby contributing a great deal to technological



The Optical Society of America, IIIT Ranchi Chapter is one of its kind clubs that has been started with the vision of fostering a culture of research in the field of optics and aims to act as a platform for the program and gathering of students in India.

IIIT Ranchi takes up projects, research activities and collaborations. We have established partnerships with renowned organizations and startups to provide students with internships, research projects, and exposure to cutting-edge technologies. These collaborations ensure that our students are equipped with the practical knowledge and industry experience necessary to excel in their careers and contribute to the technological landscape.



## CULTURAL SOCIETY



Our Cultural Society, Culariti is regularly trying to create an environment where each and every student of our institute compete with each other in terms of soft skills which shows that we don't only depend on technical skills but also embued our students with different soft skills.

The smooth happening of all the events demonstrates our student's soft skills which include time management, leadership, decision-making, team spirit, and an increased sense of responsibility along with good communication and stage presentation skills which would help them in overcoming their upcoming lives

### Clubs Included In Culariti -

**LitClub**

*(Literary Club)*

**Saaz**

*(Music Club)*

**Rangraaz**

*(Drama Club)*

**Alfaaz**

*(Poetry Club)*

## GALLERY



## SPORTS SOCIETY



Sports club of IIT Ranchi is dedicated to promoting a healthy and active lifestyle among the students of IIT Ranchi through various sports and recreational activities. The sports club of IIT Ranchi provides students with a range of sporting activities to participate in, including basketball, football, cricket, badminton, table tennis, and more. The club is run by a team of passionate and experienced student volunteers who are committed to providing a safe and friendly environment for everyone to enjoy sports and stay active. In addition to regular practice sessions and friendly matches, the club also organizes various tournaments and events throughout the year, providing students with opportunities to showcase their skills and compete against other colleges.

### Clubs Included In Sport Society -

Chess Club    Athletics Club    Basketball Club    Volleyball Club    Football Club    Kabaddi Club

## GALLERY



## ENTREPRENEURSHIP SOCIETY



The Entrepreneurship Cell (F-Cell) at IIT Ranchi is a dynamic and innovative hub dedicated to fostering entrepreneurial spirit among students. Through various workshops, events, and mentorship programs, F-Cell nurtures budding entrepreneurs, equipping them with essential skills and insights to transform their ideas into successful ventures. Our commitment is to create a vibrant startup ecosystem within the institute, driving innovation and economic growth.



## 1. Invitation

TAP Cell provides the link to download the Job Notification Form (JNF) & Internship Notification Form (INF) that needs to be filled by the company and sent through email to [tpo@iiitranchi.ac.in](mailto:tpo@iiitranchi.ac.in)

Training and Placement (TAP) Cell, IIIT Ranchi invites companies/organizations or full-time hiring/internship hiring of the students.

## 2. Final JNF/INF

A student from the tap coordinators is assigned to every company as Point of Contact (POC) to coordinate with HRs and students for smooth conduct of hiring process

## 3. Assign a Coordinator

On receipt of JNF/INF, TAP Cell invites the companies to visit the campus for a Pre Placement Talk (PPT) either before the selection process or during the final recruitment process

## 4. PPT & OA

TAP finalizes a suitable date for the selection process and communicates to the company. Dates are allotted on the basis of students' perception of the job/internship offered viz, job profile and growth prospects, CTC/Stipend offered by company, past record recruitment.

## 5. Schedule

After completion of the selection process, the company is requested to furnish the final list of selected and/or wait-listed students.

## 6. Final List

## TPO OFFICERS



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## Airway

Birsa Munda Airport is the nearest domestic airport at a distance of 12 km from the campus. The nearest international airport from Ranchi is Subhash Chandra Bose Domestic & International Airport, Kolkata which is 410 KM i.e., an hour away by flight, 6-7 hours by train

## Railway

Hatia (HTE) and Ranchi (RNC) are the two Railway Stations serving the city of Ranchi, Jharkhand; situated at a distance of 15KM and 12KM respectively from the IIIT Ranchi Campus.

