

## Indian Institute of Information Technology , Ranchi

### About the Institute

Indian Institute of Information Technology Ranchi, India is an autonomous institute setup by the MOE, Government of India, and Government of Jharkhand with the industry partners Tata Motors, TCS and CCL on a Public Private Partnership (PPP) in the year 2016. MOE, Government of India has taken up the initiative to setup 20 new Indian Institutes of Information Technology (IIITs) on a Public Private Partnership Model. A major objective in establishing IIITs is to set up a model of education which can produce best-in-class human resources in IT and harnessing the multi-dimensional facets of information technology in various domains. While the number of students produced by these IIITs would be small, the impact they create would be great. IIIT Ranchi is determined to offer state-of-the-art facilities for advanced studies and research.

The construction of the permanent campus of IIIT Ranchi is currently underway at Sanga village, Kanke, Ranchi. Designed to be a modern center of academic excellence, the upcoming campus will feature advanced infrastructure, dedicated research facilities, academic blocks, student hostels, and recreational spaces. This development marks a transformative phase for the institute, promising a vibrant and well-equipped environment that will support innovation, learning, and holistic growth for students and faculty alike.

IIIT Ranchi announces a new B.Tech program in Mathematics and Computing with 50 seats, reflecting the institute's dedication to offering future-ready education in emerging and critical domains. This program is designed to build strong foundations in mathematics, computer science, and data analysis, with an emphasis on real-world applications, research orientation, and interdisciplinary learning. It adds to the institute's diverse academic portfolio, which already includes CSE, ECE, and various specializations, expanding opportunities in technology-driven fields.





## National Space Day



National Space Day at IIIT Ranchi was a remarkable event where students showcased their incredible coding and electronics skills through mind-blowing projects. The event featured variety of advanced

projects, highlighting the innovative spirit of the participants. Students from nearby schools were invited to witness the event, offering them a chance to explore the world of space science and technology. Additionally, the event was enlivened with vibrant singing and drama performances, adding a creative flair to the scientific atmosphere. It was a perfect blend of technology, creativity, and entertainment.

## FDP on AI Sustainability

Indian Institute of Information Technology Ranchi successfully hosted a 5-day Faculty Development Program (FDP) on "AI and ML for Sustainable Development" from 19<sup>th</sup> to 23<sup>rd</sup> December, 2024, sponsored by AICTE and ATAL. The program commenced with an insightful address by our Honorable Director, Prof. Rajeev Srivastava, emphasizing the role of AI and ML in sustainable growth. Renowned resource people from across the country shared their expertise, practical insights, and real-world applications of AI and ML, inspiring participants to innovate and implement. The valedictory session featured an inspiring talk by Dr. Subhir Das from IIT BHU, highlighting the transformative impact of these technologies on industries and society. Participants gained hands-on experience, explored practical use cases, and engaged in meaningful discussions on innovation in AI and ML.



## Advances in Business Analytics

Indian Institute of Information Technology Ranchi successfully hosted a 5-day AICTE-sponsored ATAL Faculty Development Programme (FDP) on "Recent Advances In Business Analytics and Management Research" from 8<sup>th</sup> to 12<sup>th</sup> January 2025. The event commenced with an inaugural ceremony led by our Honourable Director Prof. Rajeev Srivastava, who emphasized the significance of such programmes in advancing academic and research excellence. Over

the course of five days, participants from 5 states and 20 institutions engaged in insightful sessions and discussions conducted by eminent resource persons from across the country. These session focused on integrating analytics with decision-making and exploring innovative approaches to management research. The FDP provided an invaluable platform for academicians and researchers to enhance their knowledge and skills in business analytics, enabling collaboration and innovation in the field.



## Programme-wise Seat Distribution

IIIT Ranchi offers a dynamic mix of undergraduate and postgraduate programmes aimed at building expertise in emerging fields.

### Bachelor of Technology

Program Name	Seat Intake
Computer Science and Engineering (4 Years, Bachelor of Technology)	120
Electronics and Communication Engineering (4 Years, Bachelor of Technology)	90
Computer Science and Engineering (With Specialization Data Science and Artificial Intelligence) (4 Years, B.Tech/B.Tech (Hons.))	30
Electronics and Communication Engineering (With Specialization Embedded Systems and Internet of Things) (4 Years, B.Tech/B.Tech (Hons.))	30
Mathematics and Computing (4 Years, Bachelor of Technology)	50

### Master of Technology

Program Name	Seat Intake
Computer Science and Engineering (With Specialization: Data Science and Artificial Intelligence) (2 Years, Master of Technology)	Full Time-25 Part Time-10
Electronics and Communication Engineering (With Specialization: Embedded Systems and Internet of Things) (2 Years, Master of Technology)	Full Time-25 Part Time-10

IIIT Ranchi also offers both Full-Time and Part-Time Ph.D. programmes in diverse and interdisciplinary domains including Computer Science, Electronics and Communication, Mathematics, Physics, Humanities and Social Sciences, and Management. These programs are designed to cultivate advanced research capabilities and critical thinking among scholars.



## VLSI: Path to Success

On October 27<sup>th</sup>, 2024, an inspiring talk on "Circuitry to Success: The Lucrative World of VLSI" was delivered by Vikas Kumar, an R&D Verification Engineer and a proud alumnus of the 2020–2024 batch. The session provided an in-depth exploration of the opportunities in the VLSI industry, highlighting the growing demand for skilled professionals in semiconductor design and verification. Vikas shared valuable insight from his



journey, emphasizing the importance of strong fundamentals, hands-on experience, and continuous learning in the field. His talk motivated students to pursue careers in VLSI, shedding light on the potential career paths, required skill sets, and industry expectations. The session was well-received by attendees, sparking curiosity and enthusiasm among aspiring engineers eager to make a mark in the world of Very Large Scale Integration.

## Advancements in Semiconductor

A session on semiconductors was conducted on September 28<sup>th</sup> by Dr. Shashikant Sharma, Assistant Professor in the ECE department. The session provided students with a comprehensive understanding of semiconductor fundamentals, their applications, and their significance in modern electronics. Prof. Sharma elaborated on the role of semiconductors in various technological advancement, including microprocessors, integrated circuits, and emerging trends in the industry. The discussion also covered the latest trends in semiconductor fabrication, device physics, and career opportunities in the field. The session was highly informative, encouraged students to explore the vast potential of semiconductor technology in shaping the future of electronics.



## Training and Placement Development

Indian Institute of Information Technology Ranchi successfully conducted the 7-day workshop "Path to Professional Success: Mastering Skills for Job Placement." The event commenced with an inspiring address by our Director, Prof. Rajeev Srivastava, who emphasized the importance of continuous learning and industry readiness. Mr. Rajesh Srivastava (WIPRO)

and Mr. Akshansh Singh (TCS & Alumnus of IIIT Ranchi) shared valuable insights during the inaugural session, setting the stage for an enriching experience. Throughout the workshop, the students engaged with an esteemed lineup of experts, including Mr. Shiv Charan Banerjee (Joint Director, IT & State Coordinator, NICSI), Dr. Pratik Chattopadhyay and Dr. Bidyut Kumar Patra from IIT BHU, and Mr. Gaurav Suman (KPMG). The interactive sessions covered essential industry-relevant skills, technical expertise, and professional development strategies. Organized under the aegis of the Training and Placement Cell, the workshop provided final-year students with practical knowledge and exposure to industry expectations, equipping them with the skills necessary to excel in their professional careers. The event was a resounding success, leaving participants more confident and prepared for their future endeavours.



## Tech Meets Talent at Celestio'25

IIIT Ranchi came alive with excitement during Celestio 2025, the institute's annual techno-cultural fest, held over three vibrant days. The celebration began with a surge of innovation through a 24-hour hackathon, an ICPC-style coding contest and various tech events that showcased problem-solving and creativity. As the fest progressed, the cultural flair took center stage with mesmerizing dance and singing performances by students, followed by soul-stirring acts from guest artists like Albert Warepam and the electrifying band The Ablaze. The final day featured a melodious performance by Anshika Pandey and a high-energy DJ night by DJ Tracer, bringing the event to a thrilling close.



Celestio 2025 was a perfect fusion of technology, talent, and celebration—an unforgettable experience that captured the spirit of IIIT Ranchi.

## Google Summer of Code 2025

Adding another feather to its cap, IIIT Ranchi celebrates the outstanding achievement of three of its students who have been selected for Google Summer of Code (GSoC) 2025, a prestigious global program that promotes open-source development. Anshu Kumar from the 2027 batch has been selected



for the Accord Project, Varad Gupta from the 2026 batch will contribute to Meshery, and Siva Sai Pidugu, also from the 2026 batch, will work with the Open Healthcare Network. Their selection highlights the institute's growing presence in global tech communities and the students' exceptional talent, dedication, and passion for open-source innovation.

## Inter IIIT Sports Meet



IIIT Ranchi marked a strong presence at the Inter IIIT Sports Meet held at ABV-IIITM Gwalior from March 20<sup>th</sup> to 23<sup>rd</sup>, 2025, which witnessed participation from over 2,000 students representing 22 IIITs across the

nation. The institute showcased laudable athletic performance by winning the gold medal and trophy in table tennis (team event), securing a silver medal in the men's triple jump, and earning a bronze in the 110 meters hurdles. These accomplishments reflect the students' remarkable dedication, discipline, and sporting excellence in sports. Our Honourable Director Prof. Rajeev Srivastava extended his congratulations and best wishes for the participants and their continued success.



## Inter IIIT Employee Sports Meet

Team IIIT Ranchi shined at the 1st Inter-IIIT Employee Sports Meet held from November 15<sup>th</sup> to 17<sup>th</sup>, 2024, at IIIT Allahabad, bringing home medals and pride. Miss Payal demonstrated her outstanding athleticism by securing a gold medal in Table Tennis, along with silver medals in Long Jump and Carrom, and a bronze in Javelin Throw. Mr. M.S. Champia also excelled in the competition, earning a silver medal in Long Jump, while Dr. Bharat Singh showcased his aquatic expertise,



winning a bronze medal. Our Honourable Director, Prof. Rajeev Srivastava, warmly congratulated the team on their resounding success, praising their hard work, dedication, and sportsmanship. Their achievements highlight the

vibrant and competitive spirit of IIIT Ranchi.

## Placement Statistics

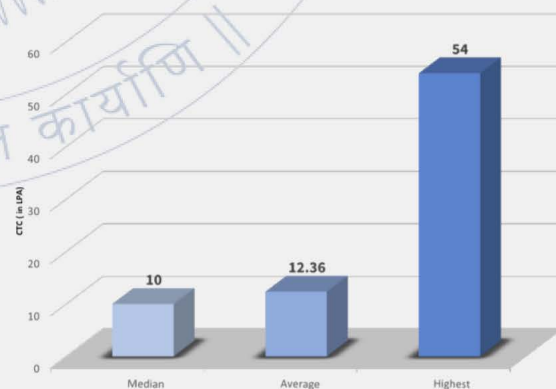
IIIT Ranchi students continue to secure placements and internships at top companies like Nvidia, InfoEdge, Hyperverge, Hugosave, Whiteklay, National Instruments, and others — reflecting strong industry connect and academic excellence.

## RBI State-level Quiz

Students from IIIT Ranchi showcased their brilliance by securing the 2nd runner-up position in the prestigious RBI State-Level Quiz Competition. Aditya Gautam and Suyash Pandey represented the institute and demonstrated exceptional knowledge and quick

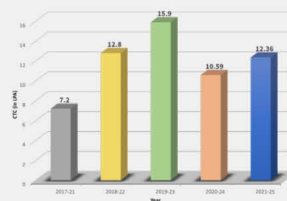


thinking, earning them the 2nd prize in this highly competitive event. Their achievement in such a grand competition highlights their dedication, intellect, and competitive spirit, bringing pride to IIIT Ranchi.

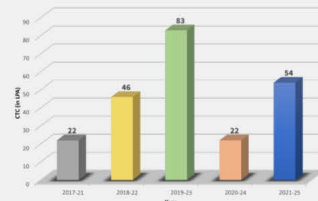


Median, Average and Highest Package for Year 2024-25

Average Package Comparison



Highest Package Comparison



## FACULTY EDITORS

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Dr. Puja Ghosh

## NEWSLETTER TEAM

Student Coordinators  
Alumni Cell, IIIT Ranchi