BIT SINDRI

RECRUITER'S GUIDE

2022-23

B.I.T SINDRI
Dhanbad, Jharkhand
(Department of Higher
& Technical Education)
Govt. of Jharkhand
www.bitsindri.ac.in

ABOUT US

BIT Sindri was founded in 1949 and now includes a total of ten academic departments. With more than 500 acres of land, the college has a huge infrastructure. It is considered one of India's oldest government technical colleges. It is known for the high caliber of its staff and students who graduate from its undergraduate and postgraduate programs. More than 34000 quality engineers have graduated over the previous five decades and are offering their knowledge and experience to the advancement of our society in the fields of Technology and countless other far-reaching aspects. The institute boasts a large number of esteemed alumni.

The institute has also developed a reputation for its innovative short-term courses developed in partnership with NASSCOM and ISRO throughout the years. BIT Sindri was linked with Vinoba Bhave University till 2017 at the institutional level. From 2018 onwards, the institute has been associated with Jharkhand University of Technology (JUT), Ranchi, whose foundations were laid by Shri Pranab Mukherjee, the former President of India. The All India Council of Technical Education has given its approval to all courses. The institute was established to train international-caliber technical people who would serve as technological leaders in an independent India.

VISION

To maintain a dynamic balance between corporations and campus by generating high-quality frontline human resources for industry and society who will contribute to the nation's development through excellence in technical education and research.

MISSION

To create quality frontline human resources to serve the nation logically, economically, and ethically.

To generate knowledge based technological upliftment and service through strong interaction between industries and campus.

To provide wings to the aspirations of every individual by guiding them to reach their prime destination through realisation of their capabilities and providing ample support.

Message from the Director

Dr. D. K. Singh

(Director)
B.I.T Sindri, Dhanbad

B.I.T. Sindri, Dhanbad is a prestigious Engineering College in Jharkhand, operating under the Department of Higher & Technical Education of the Jharkhand government. It is an AICTE-approved and NBA-accredited institution. The college has produced numerous global leaders in the fields of engineering and research since its founding in 1949, thanks to its particular flair and soul.

Our Institute is known throughout the country for its distinguished history of serving as the alma mater of some of the country's brightest and most successful torchbearers, distinguished faculty, meritorious students, well-equipped classrooms and laboratories, and, most importantly, continuous monitoring and revised programs, all of which have helped us to be ranked among the country's top institutions.

The Training and Placement Cell of the college has done an outstanding job of cultivating students' careers by providing them with beneficial activities and healthy competitive programs in a variety of industries. It has been critical in bridging the gap between industrial and academic understanding. I commend the TPO and its members for taking on such a monumental and important assignment in the interest of student career development.

We pledge to work for a better future, and we want to continue to receive various honors and praises from the entire nation for our progress toward the pinnacle.

From the desk of the Training and Placement Officer

Dear Recruiters,

Greetings from placement cell, B.I.T. Sindri

As the world moves into the second decade of the twenty-first century, India, as the leading developing country, requires a large number of diligent, hardworking, and technically proficient engineers. B.I.T. Sindri, one of the country's premier institutions known for its high teaching standards and cutting-edge research programs, satisfy these need and produces tomorrow's frontline makers.

The institution's motto has always been to foster excellence and perfection in all areas, and we strive to instill these values in our students. We expose our students to a variety of activities and topic areas while honing their interpersonal skills to develop them as future leaders in their fields.

Prof. (Dr.) Ghanshyam

(Training & Placement Officer)
B.I.T Sindri, Dhanbad

The training and placement cell of the institute urges to provide a platform for interaction between college students and the corporate sector so that both can discover the ideal fit based on their needs and expectations. Our students are among the best students picked from the Joint Entrance Examinations, and they are an impeccable group of tomorrow's forefront leaders.

Despite the Covid-19 pandemic, our prior placement sessions saw an increase in the number of placement offers and internships available to our students. Even in such a difficult situation, our students' remarkable accomplishment reflects the caliber of the students and the institute. We strive to deliver the greatest hospitality and services to organizations seeking positions with us. To set the relationship between the firm and the university, we offer pre-placement talks and online webinars at the convenience of the companies.

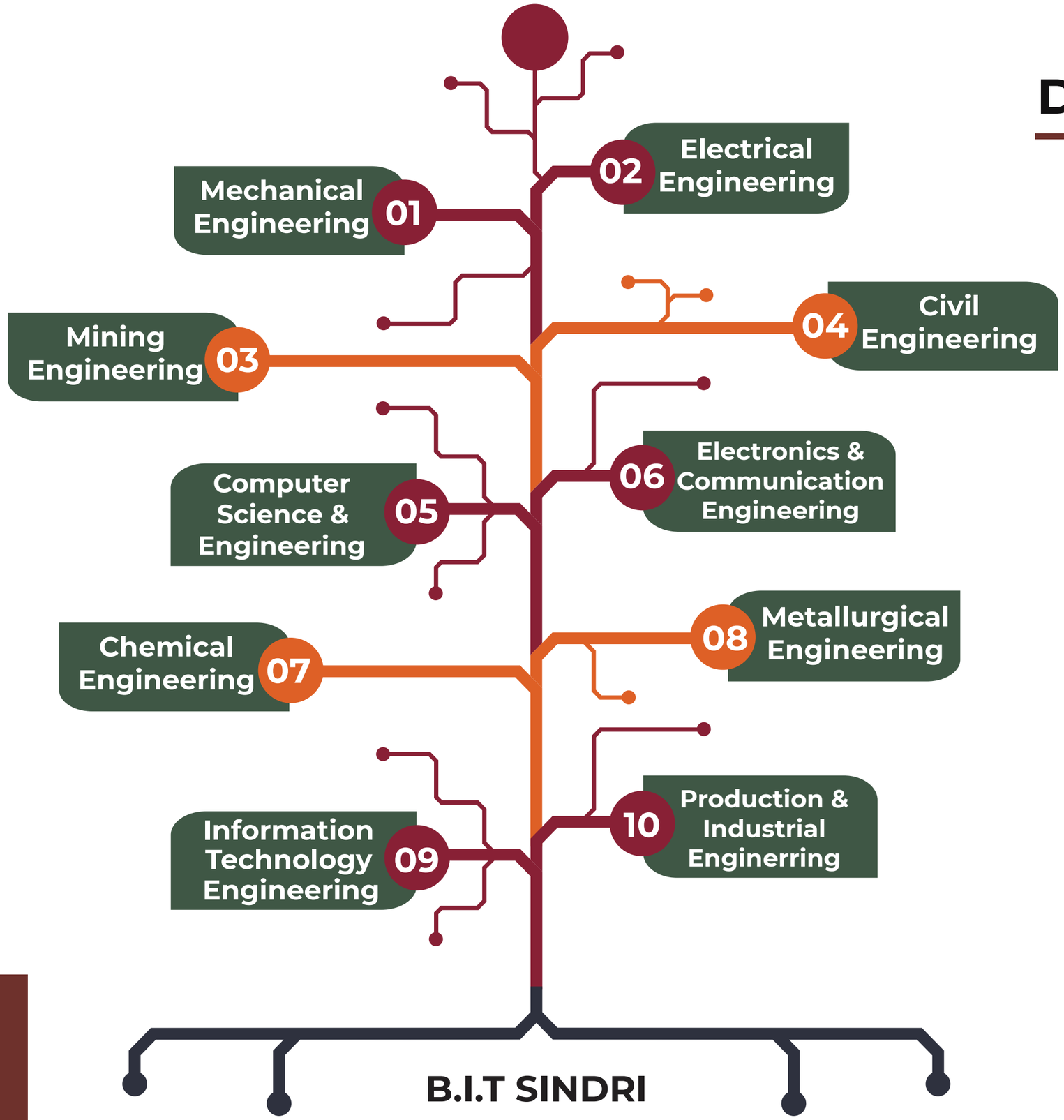
I assure you that your expectations will not only be met, but exceeded significantly, and I would like to take this opportunity to invite you to BIT Sindri placements.

The New Age BIT: Keeping the Legacy Alive

BIT is second to none. We have a long and illustrious history of producing geniuses. We are proud to state that we have produced individuals who have benefited the economy and society. The institute takes pride in its massive infrastructure. BIT Sindri has a vast and adequate infrastructure that fully meets the needs of students and faculty on campus, as well as being well recognized by the NBA team. In 2021, the NBA granted accreditation to five branches of BIT Sindri's undergraduate engineering curriculum, adding another feather to our college's cap (Civil, Chemical, Electrical, Mechanical and Metallurgy). The NBA had already approved the Mining and Production divisions. We've also been named a Tier-2 institute, which gives us great pride and joy. In addition, the Institute was also given a NIRF ranking of 201-250 in 2021.

The desire for greatness lies at the heart of every BITian. The faculty places a strong emphasis on academic excellence and fosters critical thinking and discussion. The college has established a world-class language lab to help students improve their communication skills and personalities. The college's enhanced lab is further enriched by the installation of cutting-edge software such as MATLAB, SURPAC, PLAXIS, FIAC-3D, ORACLE, and IBM BLADE SERVERS.

While preparing students for the rigors of the corporate world, BIT never forgets to inculcate values like fairness, integrity, and respect for dissent. During these four years, relationships of devotion and involvement are established with classmates, instructors, and alumni that lasts a lifetime.



Departments at B.I.T. Sindri

In 1949, the institute began as an engineering college with only two disciplines: Electrical and Mechanical engineering. With improved infrastructure and an alumni network, the Institute gradually incorporated new disciplines of engineering and research. The Institute now has ten departments that offer undergraduate, graduate, and doctorate programs.

The departments have elicited a large number of research papers and high-quality frontline human resources that have made a substantial contribution to the country's development.

The departments incorporate the essential infrastructure, such as labs, conference rooms, and dedicated R&D offices.

MECHANICAL ENGINEERING

The department of Mechanical Engineering was started in the year 1949 when the institute was born. The department offers a four years B. Tech degree course with an annual intake of 105 students. The two year postgraduate program is also offered leading to an M. Tech degree course with specialization in Heat Power Engineering, Machine Design and Production Technology. The annual intake in the postgraduate program is 75. The department has well equipped laboratories required for undergraduate & post graduate programs. The important laboratories include: Strength of Materials, Applied Mechanics, Heat Engine, Hydraulics, Aerodynamics, Heat and Mass Transfer, Solar Energy, Tribology, Industrial Engineering Lab etc. The department has a huge workshop consisting of various units like Carpentry, Smithy, Foundry, Machine Shop etc.

LAB FACILITIES

Aerodynamic Lab
Applied Mechanics Lab
Automobile Lab
Heat Engine Lab
Heat & Mass Transfer Lab
Hydraulics Lab
Solar Energy Lab

ELECTRICAL ENGINEERING

LAB FACILITIES

Analog Lab
Communication Lab
Control Lab
Digital Lab High tension Lab
Instrumentation Lab
Machine Lab
Microprocessor Lab
Modeling & Simulation Lab
Microcontroller Lab
Computer Aided Power System Lab
Electrical Workshop
Power Electronics Lab
PPAS Lab
Computation Lab
Basic Electrical Lab

The department of Electrical Engineering was started in the year 1949 when the institute was born. The department offers a four years B.Tech. degree course with an annual intake of 100 students. Eighteen months' postgraduate program is also offered leading to M.Tech. degree with specialization in Control System and Power System. The annual intake in the postgraduate program is 10. The department is also looking after an electrical sub-station and is maintaining a 14 Km distribution line of BIT campus. The department has well equipped laboratories required for undergraduate and postgraduate programs. The important laboratories include: Computer Lab, Control System Lab, Microprocessor Lab, Electrical Machines Lab, Instrumentation Lab, Circuit Lab, High Voltage Lab and Electrical Workshop. The prestigious million volt Atkinson High Tension Laboratory of the department is considered as first of its kind in India in the yesteryears.

COMPUTER SCIENCE & ENGINEERING

The first computing activity in BIT Sindri started in the year 1987. The first undergraduate batch rolled out in the year 1991 .It aims to be in the forefront and produce qualitative, competitive & productive graduates trained in the latest technologies in the area of Computer Science & Engineering. The department offers opportunities for exploration to students in the following areas: Algorithms & Complexity, Artificial Intelligence, Computer Graphics, Computer Networks, Computer Vision, Database Systems, Web Technologies, Machine Learning or Data Mining, Operating Systems & Formal Verification, Programming Language and Compilers. The department has a total of 53 students under the able guidance of 10 faculty members.

INFORMATION TECHNOLOGY

Established in the year 2001, this four-years degree course boasts of being the latest addition to the elite branches of B.I.T. Sindri. Looking at the contemporary industrial scenario wherein most of the corporate world is concentrated at and maneuvered by the IT sector, the institute aims to produce the IT professionals who would best in.

LAB FACILITIES

Computer Architecture Lab
Computer Networks Lab
DBMS Lab
Software Engineering Lab
Operating System Lab

ELECTRONICS AND COMMUNICATION ENGINEERING

BIT SINDRI became a pioneering institution of India heralding the country towards rapid development in Telecom, since 1957 (When this Deptt. was established). We have had eminent personalities in the faculty. The name was subsequently changed to E.C.E. The venerated alumni of this domain have added feathers in the cap of BIT's rich history by making a mark in the industrial sphere. The students will strive to keep the lamp burning and follow the path to success. The desideratum behind the founding of this branch was to get recognized as a centre of academic excellence for globally competent, professionally and socially responsible Electronics & Communication engineers and entrepreneurs. The department has a total of 64 students under the superintendence of 11 faculty members.

LAB FACILITIES

Basic Electronics Lab
TSSN Lab
DSP Lab
Microprocessor Lab
VLSI Design Lab
CEDT/Project Lab
Internet of Things

Analog Electronics Lab
Digital Electronics Lab
Digital Communication Lab
Microwave Engineering Lab
Communication System Lab
Simulation Lab

CHEMICAL ENGINEERING

The Department of Chemical Engineering, established in 1956, is one of the oldest disciplines at BIT Sindri. It is considered a premier centre for Chemical Engineering in India by industries as well as academia. The department offers a four year B. Tech. Degree course and Postgraduate program of M. Tech. with specialization in Chemical Plant Design. It has experienced and qualified faculties, associated with numerous industrial projects to promote research and development. The department has several well-equipped laboratories such as Unit Operations Lab, Process Control Lab, Petroleum Refinery Engineering Lab, Plastic Technology Lab, Process Engineering Lab, Chemical Engineering

LAB FACILITIES

Fluid Mechanics Lab
FluidizationEngineering Lab
Thermodynamics Lab
Process Control Lab
Petroleum Refinery Lab
FluidizationEngineering Lab
Process Engineering Lab
Unit Operations Lab
Computer Lab

CIVIL ENGINEERING

The Department of Civil Engineering has been a part of BIT Sindri since 1957. Over the years, the department has grown tremendously, and is now recognized as one of the major engineering departments in the country. The department offers UG & PG courses with Soil mechanics, Foundation Engineering and Structural engineering as specialization. The department also offers adequate facilities for R&D work and thus provides a vital impetus in growth of the state. It has developed strong links with the building and construction industry and academia, within the country. The students of the department actively pursue R&D under the guidance of faculty members funded by the state government. Besides high quality teaching and instruction at both UG and PG levels, the department is actively involved in basic and applied research. With its multifaceted faculty, it provides technical advisory support through various R&D projects and consultancy to infrastructural industry, academic and research institutions. At present, the department has a strength of 112 students under the assistance of 18 faculty members.

LAB FACILITIES

Adv. Structural & M.O.S Lab
Concrete Lab
Geology Lab
Soil Mechanics Lab
Building Material Lab
Geodesy and Surveying Lab
Hydraulics & W.R.E. Lab
Environmental Engg. Lab

MINING ENGINEERING

The Department of Mining Engineering, BIT Sindri was started in the year 1975 by the Government of Bihar, keeping in view the vast and large variety of mineral reserves in the state of Bihar (now Jharkhand). There was also an urgency to cater to the need for a large number of trained and skilled mining engineers in the 1970s as natural consequences of the nationalization of the mineral industries. The department was started with an initial intake of 25 students in a four years degree course which was subsequently approved off late, enhancing to 64 students per year by AICTE, New Delhi.

Since the inception of the department, it has contributed, through its well-trained and efficient products and experienced faculty members, in a very positive way in the areas of coal and non-coal mining concerning their management, planning, research, and development. The department has the unique locational advantage of being in the middle of the country's prominent coal mining companies as well as various institutions and research organizations of national and international reputation such as BCCL, CCL, ECL, CMPDIL, CIMFR, IIT (ISM), TATA STEEL Ltd., SAIL, NML, etc. The department is privileged to take the benefit of the presence of such big and illustrious organizations through regular interaction of industry experts with students as well as faculties.

The Department of Mining Engineering in its last 47 years of existence has developed its curriculum and significant laboratory facilities in keeping with the present-day requirements in the mining and allied industries of the nation and also in a global context. The department has laboratories with state-of-the-art facilities namely, viz. Rock Mechanics, Mine Ventilation, Mine Environmental Engineering, Mine Systems, Mining Machinery, Mine Surveying as well as Mine Geology. Efforts are continuously being made for improvements in every aspect of curricular, co-curricular, and extra-curricular activities to maintain its position among the top league in the country.

LAB FACILITIES

Mine Environment
Mine Surveying.
Mine Ventilation
Mining Machinery
Rock Mechanics
System Laboratory

PRODUCTION AND INDUSTRIAL ENGINEERING

The Department of Production Engineering, first in Asia, was started in the year 1955. A multidisciplinary academic program comprises 64 intakes to the four years B. Tech. program in Production Engineering. The department has established links with the industries, R&D organizations, consultancy organizations, and academic institutes in the region in furtherance of the cause of manufacturing engineering. The faculty members are also actively engaged in R & D and have a large number of publications. The main objective of production engineering is the integration of technology with management in planning and controlling the design, development, and operation of the manufacturing system in accordance with recent technology. The curriculum of Production engineering encompasses the contents of engineering materials, casting technology, machining technology, physical and mechanical joining processes, tool design, metrology, manufacturing automation, and rapid prototyping. In a typical industry, once the design is realized, production engineering concepts regarding work-study, ergonomics, operation research, tooling, manufacturing management, materials management, production planning, transportation, etc., play important roles in the efficient production processes.

LAB FACILITIES

Metrology Lab
TMCF Lab
Ergonomics and Work-Study Lab
Welding Lab
Production Workshop Tool
Designing Lab • Computer Lab
CAD/CAM Lab
FMS & Robotics Lab
Mechanics Lab MOS/KOM Lab
Fluid Mechanics Lab

METALLURGICAL ENGINEERING

Since 1956, B.I.T. Sindri has a rich heritage of building and shaping world-class metallurgists. The operative professors, interactive alumnus and enthusiastic students together comprise the metallurgical department. The alumni of this department are occupying topmost positions in MNCs all over the world. Renowned metallurgists regularly visit our campus and share their experience in the field of metallurgy.

LAB FACILITIES

Metallography Lab
X-Ray Diffraction Lab
Metallurgical Analysis Lab
Electro-hydro Lab
Mineral Dressing Lab
Foundry Lab
Heat Treatment Lab
Metallurgical Workshop
Physics of Metal Lab.

BIT SINDRI
NBA ACCREDITATION

The National Board of Accreditation (NBA) is one of the two major bodies responsible for accreditation of higher education institutions in India. The National Board of Accreditation (NBA), India was initially established by AICTE (All India Council of Technical Education) in the year 1987. NBA in its present form is an autonomous body from 2010 has the aim of Assurance of Quality and Relevance of Education, especially of programmes in technical disciplines.

NBA has established well defined guidelines, parameters and criterias for accreditation. These are in line with the best international practices and oriented to assess the outcomes of the programme.

BIT Sindri established in 1949 is recognized as one of the oldest Government technical institutes of independent India. The institute is now controlled administratively by the Department of Science and Technology, Govt. of Jharkhand, Ranchi and academically it is affiliated to Jharkhand University of Technology, Ranchi for conducting examinations and awarding degrees. All courses are approved by All India Council of Technical Education and most of the undergraduate programs are accredited by the National Board of Accreditation, New Delhi. NBA accreditation has been provided to Mechanical, Civil, Electrical, Chemical, Metallurgy, Mining and Production department of BIT Sindri.

The accreditation by NBA carries a label of recognition for its education quality which are evaluated periodically with the purpose that they are on par with the international best practices.

Through accreditation, the following purposes may be served:

1. Constant support and advice to technical institutions in the maintenance and improvement of their quality.
2. Using Outcome-based Education (OBE) as a metric, NBA measures student's outcomes based on their knowledge, skills, and attitudes which improves students performance overall and make them employment-ready.
3. Enabling an institution to state publicly that it has volun tarily accepted independent inspection and has fulfilled all the requirements for satisfactory operation and main tenance of quality in education.

The purpose and impact of accreditation is summarized below:

1. Better recognition and increased credibility for institutions.
2. Improves student enrollment in terms of quality and quantity
3. Helps the institution in securing necessary funds.
4. Enhances employability and provides greater opportunities.
5. Helps in recognition of degrees and mobility of graduates and professionals.
6. Helps create sound and challenging academic environment in the Institution.

BIT Sindri
NIRF Ranking

The National Institutional Ranking Framework (NIRF) is a methodology adopted by the Ministry of Education, Gov ernment of India, to rank institutions of higher education in India. The Framework was approved by the MHRD and launched by Minister of Human Resource Development on 29 September 2015. Depending on their areas of operation, institutions have been ranked under 11 different categories - overall, university, colleges, engineering, management, pharmacy, law, medical, architecture, dental and research. The Framework uses several parameters for ranking purposes like resources, research, and stakeholder perception. These parameters have been grouped into five clusters which broadly cover "Teaching, Learning and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception" and these clusters were assigned certain weightages. The weightages depend on the type of institution.

Recently our college Birsa Institute of Technology, Sindri (BIT Sindri) performed outstandingly and secured 201-250 rank band NIRF ranking under engineering category.

NIRF ranking speaks a lot about quality of education in the institute, academics, curriculum and overall scenario which people takes in high regards and this builds a trust. Thus ultimately giving a placement boost by drawing company's attention. On the other hand students seeking to take admission also look for rankings of the institute, making it easier for them to choose the institute of their choice.

Student Activity

HnCC

Hackathon and Coding Club or HnCC is the official club of BIT Sindri with a motto to inculcate a coding culture among students. HnCC organizes various national and college level events related to Web development, App development, back-end development, Game development, Machine learning, Deep learning, Artificial Intelligence, and Open source. The member here collaborates with AWS, GDG Ranchi, CodeChef chapter, and conducts Tech Fest(Developer of the year), Hacktoberfest Celebration, Technical workshops/webinars, Linux installation drive, Hackathons(Hackatrons), Monthly Competitive Programming contests(BIT CODE, via CodeChef platform as service).

MODEL CLUB

Model club is an organization that is inherently associated with the diffusion of science and technology. They organize workshops, seminars, guest lectures, invited talks, and various events including a mega Tech-fest (Sandhan). From organizing various webinars on topics like DSA, Machine learning, etc. to national level hackathon (nav ujjwal e-innovation hackathon).

SAE INDIA BIT SINDRI

SAEINDIA BIT SINDRI is a collegiate club of BIT SINDRI. It provides a platform to students for learning and innovating real engineering skills and encourages them to participate in different automotive events across India. Over the period of the last 1 year, students took part in various virtual events and brought Laurence to the college. Team WONDERS 2.0 and TEAM XSURGE participated in SAENIS EFFICYCLE 2021 & EFFIQUE 2021 respectively and secured ranks of AIR 8 and AIR 5. Also, team BLITZKRIEG participated in the virtual of SAE e-BAJA 2022

GDSC, BIT Sindri

The Google Developer's Student Club, BIT SINDRI, welcome students from all cultures and diversities to grow and learn together. The Club organize resourcefully webinars, seminars, tech talks, ted talks, and various other intersecting workshops. The major idea is to create innovative projects for the betterment of the local community

PRAYAAS INDIA

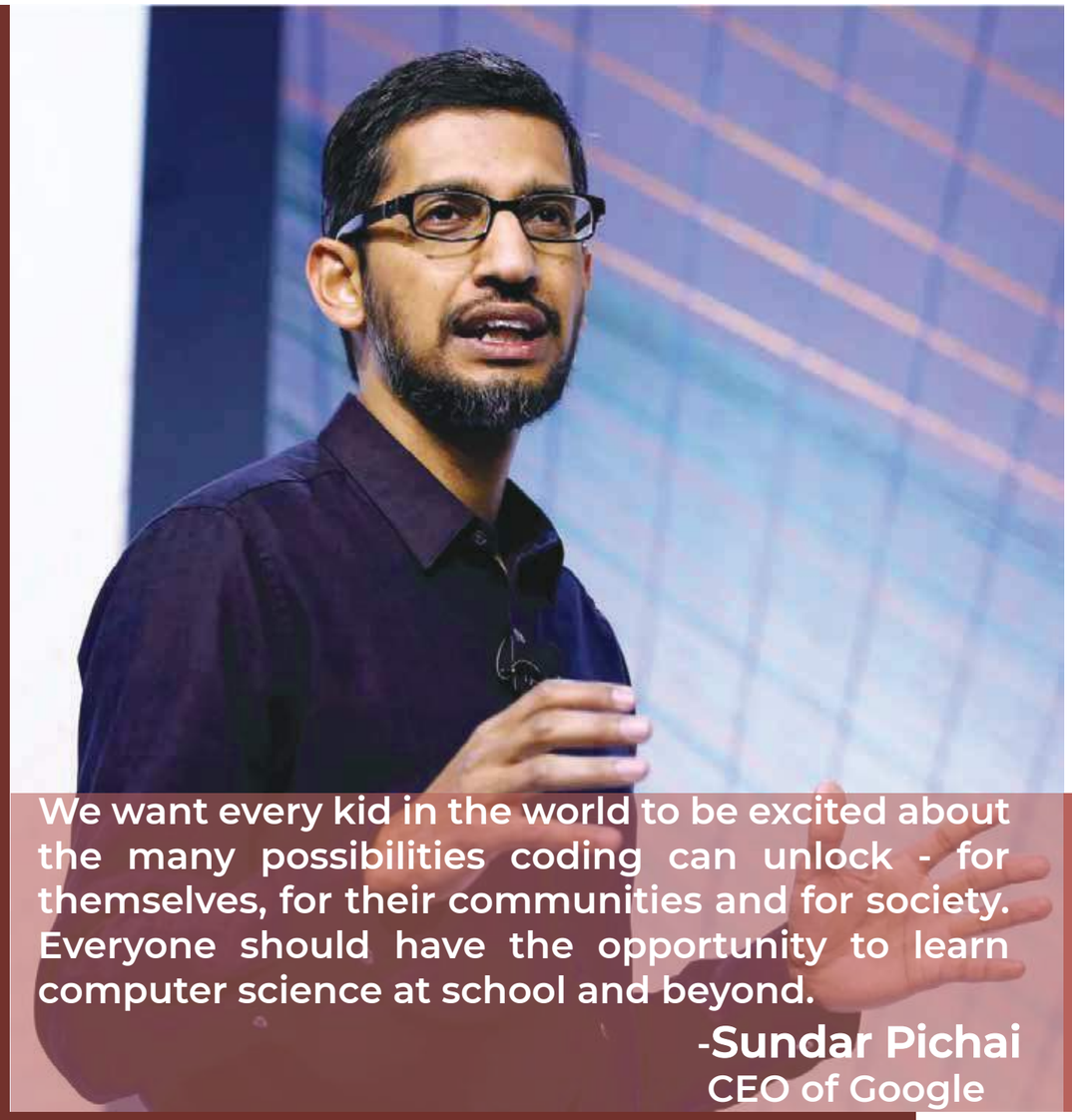
Prayaas India, an initiative by students of BIT Sindri, for educating and thereby, uplifting the lesser privileged section of the society. They organize RAINBOW as their annual literary mega event. Prayaas India has built a fully wifi-based computer lab with the help of its strong alumni base. Whilst educating the needy Prayaas also contributes to the society with the various events like blood donation camp, books donation, fun activities, etc

CODING CULTURE

Although computer programming was once seen as an elite skill for the selected few, it's now viewed as an essential aptitude for learners of 21st-century and is becoming a key module of many curriculums at colleges. Coding, which involves the basic operations of computer programming, has recently seen a rise as an in-demand skill in the industry. Moreover, India is turning into a digital and start-up hub, and coding skills are just starting the in-demand climb.

The coding culture at BIT Sindri is promoted by TnP cell along with various students body and clubs of the institute. For promoting coding among students, TnP cell organizes various competitive programming contests. Consequently HnCC (Hackathon and Coding Club) organized BITCODE as the monthly CP contest for helping students to compete.

In a nutshell, the premier engineering college of Jharkhand is changing with the times and is leaving no stones unturned in ensuring that the college which has given gems to the nation in core branches will continue doing so in the IT sector also.



We want every kid in the world to be excited about the many possibilities coding can unlock - for themselves, for their communities and for society. Everyone should have the opportunity to learn computer science at school and beyond.

-**Sundar Pichai**
CEO of Google

CENTRE OF EXCELLENCE

The Centre of Excellence, established on 5th September 2017 at BIT Sindri by the Department of Higher & Technical Education, Government of Jharkhand with the former Chief Minister Shri Raghuwar Das inaugurating the 14 new hi-tech laboratories on campus in assistance with Siemens India, CISCO, Oracle, and Ericson for developing further engineering skills of the students. These laboratories are sophisticated for Product Design and Validation, Advanced Manufacturing, Test and Optimization, Automation, Electrical and Energy Studies, Process Instrumentation, Mechatronics, CNC Machines, CNC Programming, Robotics, Rapid Prototyping, Lift maintenance, Body Repair & Body paint which provides opportunity for promising innovations.

Laboratories

- Advance Manufacturing Lab
- Automation Lab
- Automobile Body Paint
- Automobile Body Repair
- CNC Workshop
- PI Lab
- Lift Maintenance
- Mechatronics Lab
- NC Programing Lab
- Electrical & Energy Study Lab
- Product Design & Validation Lab
- Rapid Prototyping Lab
- Robotics Lab
- Testing & Operation Lab

The move to forge academic ties with Siemens follows BIT Sindri's efforts to collaborate with top-ranking institutions of the world. BIT Sindri has also signed a number of agreements with domestic institutions and companies like IIT (ISM), Dhanbad, Central institute of Mining and Fuel Research (Dhanbad), National Institute of Foundry and Forge Technology (NIFFT) and TATA Steel.

Pursuit of Excellence

AICTE-SLAP Ranking

Our Institute BIT Sindri have secured 2nd rank among 314 institutes at national level in AICTE Student Learning Assessment Test. The AICTE-SLA project is designed to measure the benchmark levels and gains in academic and aptitude skills by the students in technical programs.

Mind Over Matter

A campus connect program by TATA Steel, empowering young aspiring minds to research in the fields of core industry problems. Last year, two teams from BIT Sindri have qualified in the TOP 10 of MIND OVER MATTER Challenge

भास्कर खास • संस्थान के 193 विद्यार्थियों ने 70% अंकों के साथ हासिल की 5 स्टार रैंकिंग

एआईसीटीई के स्टूडेंट लर्निंग एसेसमेंट में बीआईटी सिंदरी देशभर में नं 2, पुणे का कॉलेज ऑफ इंजीनियरिंग शीर्ष पर

Best Placement Officer

BIT Sindri's TPO Dr. (Prof.) Ghanshyam was recognized as one of the top 50 TPOs in Higher Education across India by ULektz. He secured first rank in TPO Olympics organized by FirstNaukri.

पहली बार बीआईटी सिंदरी के 19 विद्यार्थियों को कनाडा के विश्वविद्यालयों में पेड इंटर्नशिप

इन छात्रों को मिला ऑफर

NEI IdeaFactory : First runner up

A team from our college TEAM WONDERS including Souvik Shantikari, Mechanical and Ankita Jha, Metal has won first runner up of IdeaFactory Season 6 organised by NBC bearings.

Internships

Our students, Suraj Kr. Mahto and Anjani Kumar, IT has cleared the Google Summer of Code, for the first time in our history. 12 students also got selected in the MITACS research fellowships

ACM ICPC 2020

Our students, Tanay Kumar Deo(EE), Shivam Kedia(IT) and Zeeshan Ashraf(ECE) has secured a rank of 322 as a team at ACM ICPC Amritapuri on-site event. They secured a rank of 711 among 3500+ teams in the ICPC Amritapuri Priminary round and qualified for the ICPC regionals for the first time in our history.

Paid Internships

On average, more than 70% of students have expressed strong interest in internships, indicating their desire to gain hands-on experience with the subject in a real-world situation. For the year's interns, we have some of the most reputable companies and universities, including:

- Google
- Amazon
- Microsoft
- TATA Steel
- MITACS
- The Indian Steel & Wire Processing Limited
- State Bank of India
- TATA Steel Processing & Distribution Limited
- TATA Motors
- CIMFR
- DRDO
- BARC
- PITC
- Adecity
- EduFeat Private Limited
- Schlumberger
- Wrytin
- Icy Tales
- ERIDE
- Pocktrip
- IOCL
- Wilco Source
- Vedantu
- CodingNinjas

Summer Internship is an integral part of B.I.T. Sindri, Dhanbad. This educational initiative aims to connect professional experience with classroom learning. In most cases, the internship programme lasts two months.

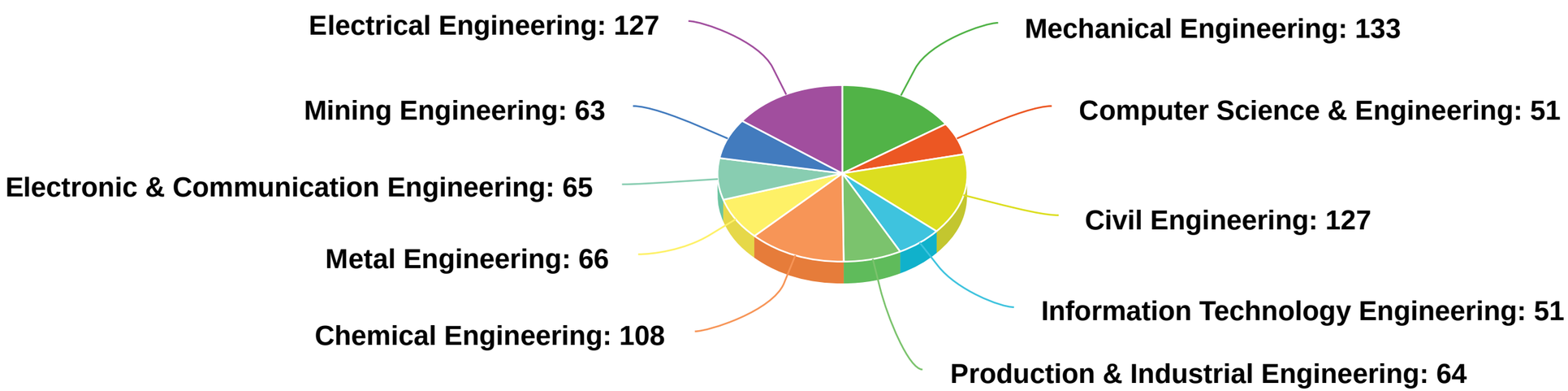
Training

Industrial Tour & Training is an integral part of B.I.T. Sindri, Dhanbad. Industrial visits allow students to learn in a hands-on manner through contact, working methods, and employment practises. It exposes students to current work practises rather than the theoretical knowledge they are given in college classrooms. Our students have been trained by the following prestigious corporation and trainers:

- Tata Steel
- Tata Power
- CSIR-CIMFR
- Bharat Coking Coal Limited (BCCL)
- Heavy Engineering Corporation (HEC)
- BSNL
- NASSCOM Nac-Tech
- Indian Railway Locomotives
- NHAI
- DVC Maithon
- BOLT IOT
- VERZEO
- Internshala Trainings

.....and many more

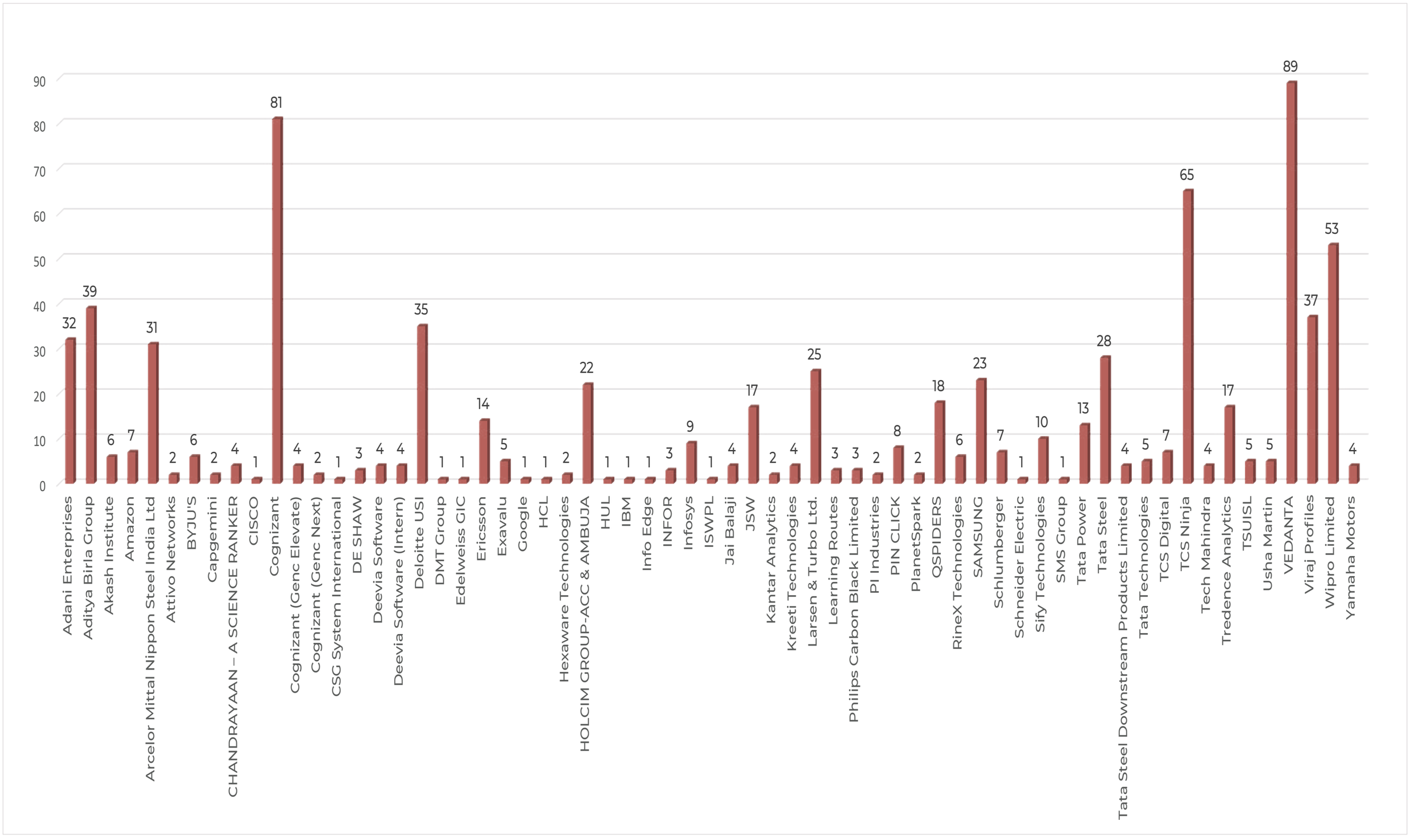
Strength of Graduating Profile (2019-2023)



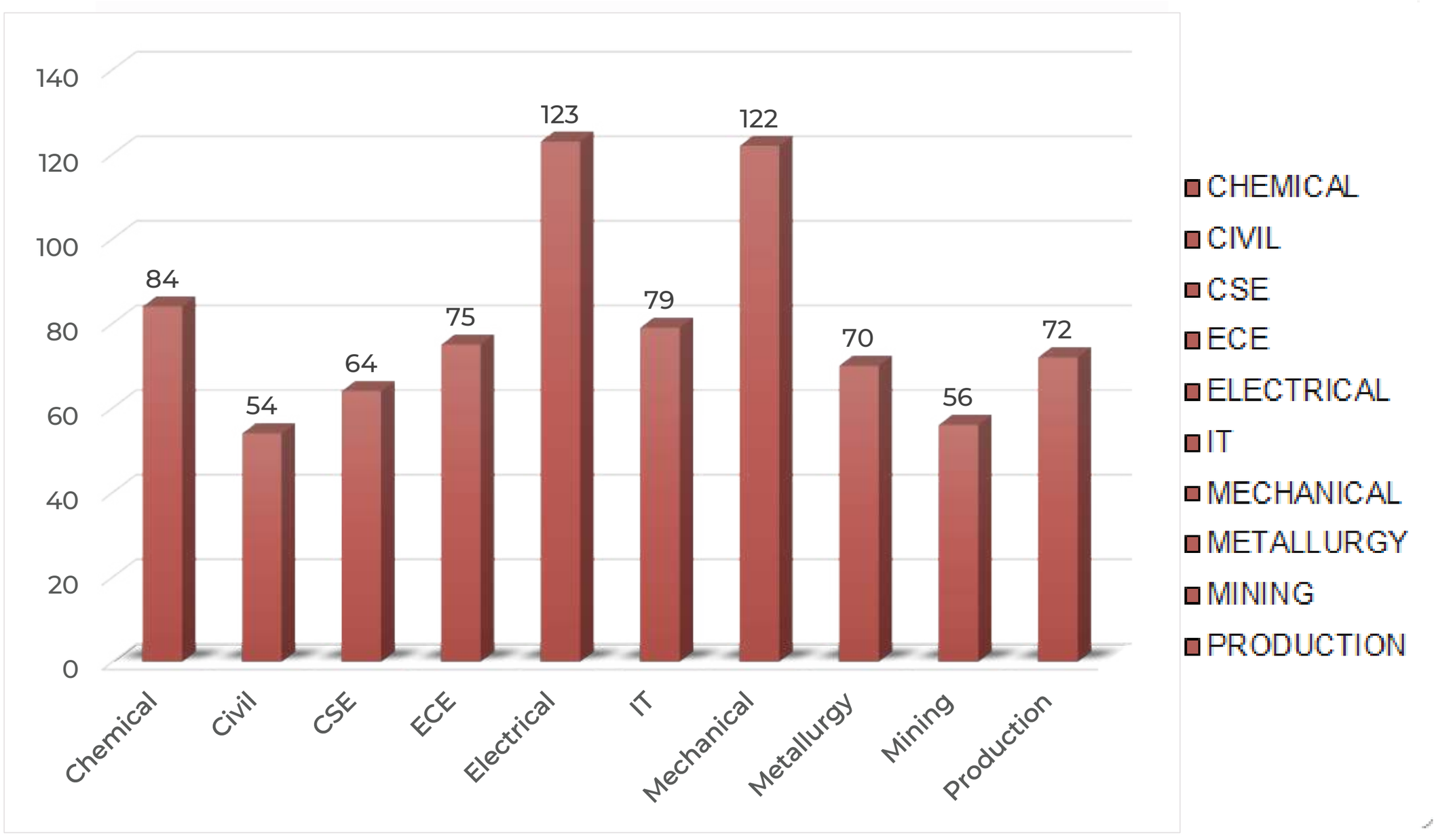
Total : 855

- Mechanical Engineering
- Information Technology Engineering
- Chemical Engineering
- Electronic & Communication Engineering
- Electrical Engineering
- Civil Engineering
- Production & Industrial Engineering
- Metal Engineering
- Mining Engineering
- Computer Science & Engineering

Placement Record (21-22)



Branch Wise Record(21-22)



Placement Process

01 The placement season commences in the month of August and extends till May of the following year, i.e. from August 2022 - May 2023.

02 A formal invitation with the placement timeline and other relevant information are sent out to the organisations by the Training & Placement Cell, BIT SINDRI to take part in the recruitment process.

03 The company should fill in the Job Notification Form(JNF) which contains basic details of the job opening like job description, requirement, salary etc. , and get the JNF verified by emailing Training & Placement Cell or as a hard copy.

04 After the verification, JNF is made available to all the students along with the information furnished by the company for a few days.

05 Interested and eligible (as per the criteria specified by the organization) students show their willingness to appear for the recruitment process of a company via the online portal.

06 Interested students sign the JNF to appear for the recruitment process. The verified resumes studentsof these students become available to the recruiter . The company has the liberty to shortlist them before the beginning of the placement process.

07 The company will be allotted slots and dates for conducting Pre-Placement Talk (PPT)/Written Test/Online Test. The student coordinators will help the companies finding a slot of mutual convenience and availability.

08 Recruiters can shortlist students based on their test results or resumes.

09 The recruiter is supposed to give the final selection and await list at the end of the slot in a sealed envelope.

10 Offer letters are to be sent to the training and placement cell

Adapting to New Normal

Passed two years were unusual. It was the time of the pandemic, it was the time of uncertainty and yet it was the time of new possibilities. But as the things were becoming normal, the training and placement cell managed to complete the placement process smoothly.

The Training and Placement Cell of BIT SINDRI adapted to the new normal in this COVID era and secured some stupendous placements. During the lockdown, the institute managed to organize online interviews for the students and they were able to bag some handsome packages as well as some wonderful internship opportunities.

Amidst these, the TAP Cell has successfully collaborated and listed BIT Sindri with the prestigious space organization centre of India i.e. ISRO and the online course offering giant Coursera. The students have also started registering and training with these institutions.

The Training and Placement Cell had been constantly upgrading its infrastructure and procedures to adapt to the new normal. It had emphasised on the need and demand for online interviews for the students during the restricted movements of people. The process of remodelling the current procedure had given excellent results and the TAP cell aims to enhance it as it marches ahead.

CAREER DEVELOPMENT CENTRE

The Career Development Centre in our Institute is a Resource Centre of Information, Guidance And Counselling. CDC aims to groom students overall and make them placement ready. It provides substantial guidance for all the opportunities ahead of them.

The CDC conducts many activities. It can be broadly categorised into four major sections.

CAREER INFORMATION

Information on professional development courses, higher studies available In India and abroad.
Knowing and sharpening students interest field and planning for a satisfying future.

CAREER ASSESSMENT

Interpretation of career and psychometric assessments tools such as DAT, Strong Interest Inventory etc.

CAREER GUIDANCE AND COUNSELLING

Career Counseling,
Group Counseling,
Personal Counseling,
Drop-In Advising.

CAREER SKILL TRAINING

Mock GDs, mock interviews, resume preparation, webinars on profile buildings, conducting training programs on behavioural skills and personality developments etc.

Placement Infrastructure

Presentation Hall

Group Discussion Hall

Conference Hall

Online Examination Hall

Recruiters's Felicitation Room

Round Table Discussion Hall

Conference Hall:
A dedicated conference hall for the recruiters to deliver their pre-placement talks and to interact with the candidates. The hall has all advance facilities to cater to the needs for successfully coducting a conference.

Presentation Hall:
This hall has the facilities of audio-visual interactions which can accommodate large capacity of students and has the necessary facilities to conduct written examinations smoothly.

Group Discussion Hall:
This hall has been specially designed to serve the purpose of Group Dississions. It has been furnished with round tables which ensures smooth communication between the members participating in the discussion and the recruiter.

Round Table Discussion Hall:
This hall is specially designed for the interaction between the placement officer and the recruiters. The hall is also used as a video conferencing hall for conducting online interviews.

Recruiter's Felicitation Room:
This is a room dedicated to the felicitation of recruiters. The team visiting for campus interviews is felicitated here.

Online Examination hall:
Every campus interview starts with the written round. The institute has a large infrastructure of over 600 computers for conducting online tests. The computers have a webcam and are suitable for e-proctored tests.

ESTEEMED ALUMNI

Dr. D.K. Singh
DirectorB.I.T. Sindri,
Dhanbad

Shri A.P. Singh
CEOS
talwart Infotech Pvt. Ltd

Shri A.K. Jha
Ex-Director (Technical)
NTPC

Shri Sushil Thakur
President
Ambuja Cement

Shri Kamal Nath
CEO
Sify Technologies

Dr. K.P. Singh
CEO
Holtec International

Shri Anuj Kathuria
COO
Ashok Leyland

Shri S.N. Verma
Chairman
JSEB, Ranchi

Shri Sangeet Sinha
Vice President
ICICI Securities Ltd.

Shri Sanjay K Verma
Chairman
& Managing Director
MECON Ltd.

Kailash Pandey
President and Cluster Head
Hindalco Industries Limited

Shri Shashank Shekhar Garuryar
Sr. Vice President
HFCL Limited

Shri Shashi Shekhar
Managing Director
Camfil

Shri Rajiv Kumar
President, Operations
TATA Steel, Kalinganagar

Shri Vikram Sarin
Vice President
Maruti Suzuki India

Shri Suresh Sinha
Vice President
Paul Wurth India

Shri Sanjiva Jha
President
Labour Net Limited

Dr. B.S. Sahay
Director
IIM Jammu

Shri B.N. Singh
Ex-CMD
Vizag Steel Plant

Shri Awadhesh Kumar Singh
Asst. Vice President
CPC Orient Cement Limited

Shri Arvind Kumar Singh
Director Technical,
Projects & Raw Material
SAIL

Purushottam Thakur
Chief-Generation
TATA Power

Shri Nitesh Kumar Nirala
Director Operations,
Iron & Power
Vedanta ESL Steel Ltd.

Shri Ashutosh Kumar
CEO
Asian Energy

Shri Subodh Das
CEO
Phinix LLC

Shri Alok Kant
Associate Vice Presidente
Infochips: An Arrow company

Shri Pankaj Kumar
Secretary
Bureau of Energy Efficiency
Ministry of Power

Shri Rajesh Verma
Assistant Vice President
Intellect Design Arena Ltd.

Shri K.K. Singh
CGM
BSNL, Jharkhand

Shri Pradeep Kumar
Vice President
Punj Lloyd Ltd.

Shri Manoj Jha
Owner & Founder
Arkin Creations Pvt. Ltd.

Shri Aswani Raina
Dy. General Manager
Essar Steel

Amarendu Prakash
Director In-charge
SAIL

Shri K.A.P Singh
Ex-Director
SAIL

Shri Pravesh Ranjan Biswas
Director,
Deptt. of Economic Affairs
Ministry of Finance

Shri Ramesh Jha
Chief Business Officer
Adani Power Jharkhand Ltd

Shri K. Satyanarayan
EX-CMD
Engineers India Limited.

Shri Nirdesh Sinha
Director
Ami Tech Private Limited

Shri N. Sharma
Ex-Vice President
Dani Bosworth, USA

Shri Smita Dutta
VP(Infrastructure)
Accenture

Shri Suresh Jha Ajit
Senior Scientist
NASA, USA

Shri J.K. Singh
Vice President
IS & WP Ltd. Ipsum

Shri B. Ganguly
Ex- Chariman Cum MD
Exide India Ltd.

Ram Naresh Singh
Chairman
Damodar Valley Corporation

Shri R. Vaishapyan
Assistant Vice President
Infogain

Shri Abhijeet Sarkar
Assisant Vice President
Infosys Healthcare**S**

hri Sanjay Sharma
Construction Manager
Cheveron Corporation

Shri Sanjay Sinha
GM-BIW Factory
TATA Motors

Mrs. Kiran Narendra
GM (Head) ,
Operations Driveliness
TATA Motors

Shri Anant Saurabh
Global Head (PLM)
TATA Technologies

Shri Sanjay Kumar
Head HR
L&T Metro Rail, Hyderabad

Mr. Ankit Avishek
Senior specialist (TAG)
DE Shaw India Pvt. Ltd.

Shri B.K. Barnwal
Ex-Deliver Head (India)
TCS

Shri Arwinder Singh
AVP (Metallurgy head and
R&D head)
Jindal Stainless Limited

Prabhakar Lal
Senior Director
Capgemini

WAY TO BIT SINDRI

RAILWAYS

Dhanbad Junction is the nearest Railway Station & is the most important junction of the state as it is connected directly to all major cities of India, via Kolkata, Mumbai, Delhi, Chennai, Bangalore, Nagpur, Pune, Ranchi, Jammu, Visakhapatnam, Bhubaneshwar, Raipur, Jaipur, etc. It is well connected to Howrah Junction through over a dozen of super-fast/ express/local trains.

AIRWAYS

Birsa Munda Airport (Ranchi) is well connected with Sindri through NH 32, road distance is 160 km between the two cities. Netaji Subhash Chandra Bose Airport (Kolkata) is 242 km away from Sindri

ROADWAYS

Numerous bus/taxi services are available between Ranchi & Sindri. Ranchi is also connected by the Rail route(distance 167 km).
It take 3-4 hours from Ranchi to Sindri by road.

PROMINENT RECRUITERS

SAMSUNG

Google

YAMAHA

TATA

TATA STEEL

vedanta

transforming elements

D E Shaw & Co

Schneider Electric

amazon

adani

Microsoft

infoedge

JSW

Deloitte.

AM/NS INDIA

TATA

TATA POWER

ADITYA BIRLA GROUP

Hindustan Unilever Limited

Schlumberger

HOLCIM

PROMINENT RECRUITERS

pinclick

JBG
Jai Balaji Group

TIAA

camfil

IBM

VIRAJ

BYJU'S
The Learning App

Cognizant

4IITEENS
NEET | IITJEE | OLYMPIAD | FOUNDATIONS

ERICSSON

Girikon
IT Around the Globe

kt

KANTAR

JSL
JINDAL STAINLESS

TRL KROSAKI

SAINT-GOBAIN

JCAPCPL

sify

TATA
CONSULTANCY
SERVICES

Dalmia
Bharat Cement

Reliance
Industries Limited

ZS

wipro

JK
PAPER

PROMINENT RECRUITERS

Spiders

PLANETSPARK

Inspired by Science

CISCO

Tredence
Connect the Dots

TATA STEEL DOWNSTREAM PRODUCTS LIMITED

Phillips Carbon Black Limited

Capgemini

Attivo NETWORKS

DEEVIA
DEEP VISION ANALYTICS

Aakash

RINEX

LEARNING ROUTES

infor

Edelweiss

SMS group

Tech Mahindra

TATA
TATA TECHNOLOGIES

CHANDRAYAAN
A SCIENCE RANKERS
विद्यां ददाति विनयं

ISWP

EXAVALU
STRATEGY • TECHNOLOGY • INNOVATION

HEXAWARE

HCL

DMT

TPO OFFICE CONTACT DETIALS

Address:
Training & Placement Office,
Dhanbad, Jharkhand (828123)
tpo@bitsindri.ac.in

Contact Number:
Cellphone: +91-9431094733/+91-8709655932
Fax: 0326-2350729
www.bitsindri.ac.in

B.I.T Sindri,
Dhanbad, Jharkhand
828123