

Summer Internship 2025

June 01 – August 15, 2025

Organised by:
Department of Mining Engineering



BIT Sindri, Dhanbad
PO: Sindri Institute, District: Dhanbad
Jharkhand-828123, India

About BIT Sindri

The primary aim of the institute is to cater the requirements of the country for technological manpower for development and research programs comparable to the best in the world. The college offers BTech courses in 10 disciplines of engineering, namely Civil, Chemical, Computer Science, Electrical, Electronics and Communications, Information Technology, Mechanical, Metallurgy, Mining, and Production. All the courses are approved by the All-India Council of Technical Education, New Delhi (AICTE). Also, most undergraduate programs are accredited by the National Board of Accreditation (NBA), New Delhi.

About the Department

The Department of Mining Engineering was started in the year 1975. The department offers UG & PG courses with Environmental Engineering as specializations. The department also offers adequate facilities for R&D works and thus provides a vital impetus in growth of the Jharkhand state. Both undergraduate and postgraduate students are trained in computer applications of Mining Engineering and the latest softwares. The students of the department actively pursue R&D under the guidance of faculty members funded by Government Bodies.

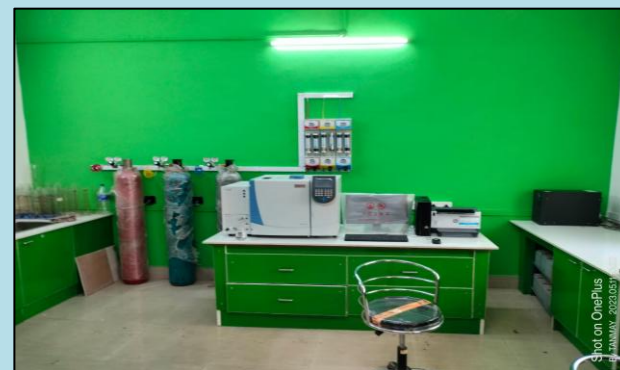
Vision of the Department

Enhancing mining engineering research, education, and industry institution collaboration to international standards.

Mission of the Department

To produce competent Mining Engineers by

- Provide outstanding technical education for analysis, design, and operation of mining and materials systems.
- Keep abreast with rapid strides in technology and improve academic standards through innovative teaching and learning processes.
- Engage in quality research in Mining, materials, and allied engineering areas.
- Develop academic linkage with leading industries for mutual benefit.



Who should attend?

Students of all levels of technical institution (Diploma/UG) from academic institutions

Course outline:

The following topics will be covered in this workshop:

- Computer - Aided Blast Design
- Design and Selection of Equipment in Mine Mechanization
- Mine Ventilation
- Mine Surveying
- Application of Rock Mechanics & Numerical Modelling in Mine Design
- Application of Auto CAD in Mining Industry

Key Mentors:

Name of the Mentor	Internship Topic	Level	Max. Intake
1. Dr. Manas Kumar Mallick 2. Dr. Rizwan Hasim	Computer - Aided Blast Design	B. Tech / Diploma	15
1. Dr. Manas Kumar Mallick 2. Dr. Rizwan Hasim	Design and Selection of Equipment in Mine Mechanization	B. Tech / Diploma	15
1. Prof. Tanmay Dasgupta 2. Prof. Suman Hessa	Mine Ventilation	B. Tech / Diploma	15

1. Dr. Rizwan Hasim 2. Prof. Roshan Kumar	Application of Rock Mechanics & Numerical Modelling in Mine Design	B. Tech / Diploma	15
1. Dr. Rizwan Hasim 2. Dr. Manas Kumar Mallick	Application of Auto CAD in Mining Industry	B. Tech / Diploma	15



Registration Details:

- **Registration fee: Rs 1000/-**
- Link for the registration: Participants are requested to register compulsorily in the following link:
https://docs.google.com/forms/d/e/1FAIpQLSe_fgqn7D8HJOtCvxp-jEcouWFAHM90p62qNT6KRhBMUxKU5g/viewform?usp=sharing&ouid=116157541562432450671



- Last date of registration: 31st May 2025

About the Internship:

A summer internship in the Mining Engineering Department offers valuable practical experience and exposure to real-world mining operations. Interns gain hands-on training in areas such as mine planning, drilling, blasting, mining machinery, rock mechanics, ventilation, and surveying. The program bridges academic knowledge with field applications, enhancing problem-solving and technical skills. This experience not only strengthens their understanding of mining processes and safety protocols but also improves teamwork and communication abilities.



Bank Details:

Account Name: BIT Students Fund
Name of Bank: SBI, BIT Sindri
A/C No.: 10635508860
IFSC: SBIN0011812

For any queries please contact:

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