

ROSHAN KUMAR



Assistant Professor (Department of Mining Engg.)
BIT Sindri, Dhanbad,
B.Tech., M.Tech.(Mining Engineering)
Pursuing PhD at IIT Kharagpur
First Class Mine Manager Certificate of Competency Holder (Coal)
Email:- roshan.min@bitsindri.ac.in

Work Experience

Teaching Experience Working as **Assistant Professor** at the Department of Mining Engineering, BIT Sindri, Dhanbad w.e.f. **16.04.2022 at present**.

Industrial Experience Field Experience of **4 Years and 3 Months and 14 days** at **Central Coalfields Limited** (A Subsidiary of **Coal India Limited**, (A Public Sector Undertaking). Gained wide exposure to Mine Safety, Mine operations and Management in Opencast and Underground Mines.

Statutory Certificate Holder of **First-Class Mines Manager Certificate of Competency (Coal) (Unrestricted and Restricted)**
(It is the highest professional recognition to Mining Engineers given by the Directorate General of Mines Safety (DGMS) under the Ministry of Labour & Employment)

Academics

Degree	College	University	Year (Passing)
Ph.D.	IIT Kharagpur	IIT Kharagpur	(Pursuing)
M.Tech.	IIT-BHU, Varanasi	Banaras-Hindu University	2017
B.Tech.	BIT Sindri, Dhanbad	Vinoba Bhave University	2014

Class	School	Board	Year (Passing)
XII	Kendriya Vidyalaya, Namkum, Ranchi	C.B.S.E	2010
X	Kendriya Vidyalaya, Namkum, Ranchi	C.B.S.E	2008

Publications

- International Conferences**

International Conference paper in ISRM2019 Specialized Conference titled: **Numerical Simulation of water flow through a Protective Barrier in Underground Coal Mines, December 2019**

Areas of Specialization

- Rock Mechanics
- Mine Safety, Mine Operations and Management
- Internet of Things
- Drilling and Blasting

Software Proficiency

- FLAC 2D
- Basic Programming via **C** and C++

Professional Body Membership

- International Society for Rock Mechanics and Rock Engineering (ISRM, India)

Positions of Responsibility at BIT Sindri

- **Co-Ordinator**, Training and Placement, Department of Mining Engineering, BIT Sindri

I hereby declare that the credentials provided herewith are genuine and best of my knowledge and belief.

Date:16.08.2023

Roshan Kumar