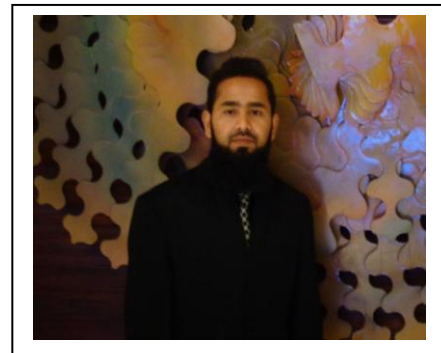


# CURRICULUM VITAE

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6. Qualification:

S. No	Degree (UG, PG, PhD)	Specialization	Institute
1.	PhD	Numerical Simulation of Support Design Using Rock Bolt in Bord and Pillar Method	IIT - BHU
2.	M. Tech	Mining Engineering	IT - BHU
3.	B.Sc. Engineering	Mining Engineering	BIT, Sindri

7. Area of Specialization : Rock Mechanics, Mine Planning and Design, Computer Application in Mining, Numerical Simulation

8. PhD (Guided): 0

9. Subjects Taught:

I) UG: -

Theory : Mine Planning & Planning Design, Coal Mining Methods,  
Applied Rock Mechanics

Laboratory : Rock Mechanics Lab, Computer Application in Mining, Mine  
Design Lab

Professor In charge (Lab): Rock Mechanics Lab, Mine System Lab

II) PG: - N/A

## 10. Professional Experience:

### I) Teaching Experience:

Sl. No.	Position held	Name of Organization	of from	to
1.	Assistant Professor	BIT, Sindri	05/01/2018	Till date

### II) Research Experience:

Sl. No.	Position held	Name of Organization	of from	to
1.	Research Scholar	IIT - BHU	2014	2020

### III) Industrial Experience:

Sl. No.	Position held	Name of Organization	of from	to
1.	Assistant Manager	Tata Consultancy Engineers Ltd.	April, 2010	November, 2013

## 11. Publications:

### I) International Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	Support Design during Depillaring Operation in Bord and Pillar Panel Using Numerical Simulation Method	Modelling, Measurement and Control C	Vol. 78; No. 3; January	2018	pp 351-363
2.	Estimation of rock load height during development operation in bord and pillar coal mine using numerical simulation method	Modelling, Measurement and Control C	Vol. 79, No. 2, June	2018	pp. 24-34

### II) International Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	Numerical simulation of roof bolt system during depillaring operation in bord and pillar panel	Recent Advances in Rock Engineering (RARE 2016)	ISBN: 978-94-6252-260-2	2016	pp. 69-73

### III) National Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	Analysis of Laminated roof with roof bolt using Numerical Simulation Method	The India Mining & Engineering Journal	Vol. No. 56, 10	2017	pp. 19-24

### IV) National Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1	A comparative study of chemical polymers to reduce dust on haul roads in opencast coal mines	National Conference on Recent Challenges in Mining Industries	RCMI - 2018 Proceeding CIMFR, Dhanbad	2018	319-326
2.	An efficient electrical power supply system for mines.	National Conference on Control and Automation in Electrical Engineering	CAEE - 2018 Proceeding AITAM, Tekkali, AP	2018	
3.	Use of different Optimization Techniques in Mine Planning for better utilization of Resources	National Conference on Advances in Mining (AIM-2020)	AIM Proceedings	January 2020	145-156
4.	Optimization of Coal Recovery using Different Cutting Pattern of Pillar in Continuous Miner (CM) Panel by Numerical Simulation Method	National Conference on Advances in Mining (AIM-2020)	AIM Proceedings	January 2020	
5.	Mine Planning and Design: A step wise approach to build better strategy for Mining Project	Recent Practices and Advancement in Mineral Industry (RPAMI)	RPAMI Proceeding	February 2020	201-206

## 12. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Induction Workshop (FDP)	Feb 06-10, 2018	IIT Chennai
2.	FDP on Outcome Based Learning	March 16-17, 2018	B.I.T. Sindri
3.	Workshop on Skill Excellence in Mining Sector, hosted	April 12, 2018	Jharkhand Skill Development Mission Society (JSDMS)
4.	Workshop on NBA & NAAC Accreditation Process	18-22, June, 2019	Engineering Staff College of India, Gangtok
5.	FDP on "Natural Language Processing"	06 – 10, January, 2020	Ministry of Electronics and Information Technology (MeitY), Government of India
6.	Faculty Development Programmed for Student Induction at Central University of Jharkhand, Ranchi	20-22, January, 2020	AICTE
7.	AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)	19-23, July, 2021	AICTE

## 13. Administrative Position Held:

S. No.	Position Held	From (date/month/year)
1.	NBA Coordinator	February, 2018
2.	Seminar/ Workshop Coordinator	February, 2018
3.	TEQIP Coordinator (Departmental)	March, 2018
4.	B.Tech Course Coordinator	July, 2018
5.	Departmental Purchase Committee Member	July, 2018
6.	Mentor/ Counselor for Mining Engineering Students	September, 2018
7.	NAAC Member Secretary of BIT, Sindri	March, 2019
8.	Faculty Advisor SME Chapter BIT Sindri	August, 2021
9.	Member of Organizing Committee “ 2 – Days Workshop/Seminar Recent Advances in Mining Technology – Opportunity & Challenges”	December, 22-23, 2018

#### 14. Award / Recognition Bestowed on Faculty (State / National / International)

- Winner of **Young Engineer Innovation Award** in 2012 in Tata Group
- NBA appreciation certificate for being a core committee member of BIT, 2021 (Successfully got accreditation of five Branches at BIT out of Five)
- Charge of Head of Department, Mining Engineering BIT SINDRI during the expert visit for NBA accreditation process (Successfully got accreditation in 2019)

#### 15. Members of Professional Bodies:

- Member, Inspection of mines for Star Rating of Coal and Lignite Mines, Ministry of Coal, Govt. of India
- ISTE Lifetime member
- Mining Society, Department of Mining Engineering, IIT – BHU lifetime member