

Brief Bio-data

1. Name: **SUBODH KUMBHAKAR**
2. Date of Birth: **02/02/1996**
3. Current Position and Address (Include Email ID and Contact Number:
Current Position : **Technical Assistant (Gr.III/1)**
Email : **subodhk8541@gmail.com , skumbhakar@cimfr.nic.in**
Contact Number : **8789980589**
Address : **Kumhardih, Govindpur Dist-Dhanbad, Jharkhand
828109**
Current Address : **NEERI Colony Laxminagar, Nagpur, Maharashtra
440022**

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1	Diploma in Mining Engineering	2016	SBTE Jharkhand	Mining Technology , Mining Geology, Mining Surveying etc.

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Trainee	CIL- BCCL	28/03/2017	27/03/2018	Ventilation, Production, Mine safety etc
Project Assistant	CSIR- CIMFR Dhanbad	03/07/2018	02/06/2019	Ventilation survey, Calibration of Anemometer, Methanometer, Testing of Helmet, Cap lamp etc.
Technical Assistant	CSIR- CIMFR Nagpur	01/08/2019	Till date	Slope Stability, Rock Mechanics & Rock Excavation

6. Work Area(s)/ Specialization: **Slope Stability, Rock Mechanics & Rock Excavation**

7. Major contributions: (Max. 100 words):

- Technical input through data entry/data analysis with regard to evaluation of slope movement threshold & failure characteristic of Rajpardi Lignite Project.
- Field visit for studies on Rock Mass characteristics, Pit slope & Waste dump stability, Joint mapping, Joint characterization, Assessment of SMR, RMR & RQD, Rock mass classification, Soil & Rock sample collection and preparation.
- Rock testing and data analysis and contribution in drafting project report.
- Field visit at Malanjkhand copper mines, investigation of geotechnical condition of mine and support design.

8. No. of Research Publications:

- Papers in Journals: **01**
- In conference proceedings: **04**
- Invited lectures delivered: **01(Paper Presentation)**
- List of best 05 publications:

Subodh Kumbhakar
28/08/2021

1. SLOPE MOVEMENT THRESHOLDS FOR ASSESSMENT OF SLOPE BEHAVIOR IN OPENCAST MINES- A SCIENTIFIC REVIEW, International Conference on Opencast Mining Technology & Sustainability (ICOMS 2020) Jan 2021, NCL Singrauli, pp. 211-216,
 2. GEOTECHNICAL STUDY TO EVALUTE PIT SLOPE DESIGN OF A LIMESTONE OPENCAST MINE - A CASE STUDY" Mining Engineers' Journal VOL- 22, No-11 Monthly Technical Article June -2021, pp- 15-20,
 3. ASSESSMENT OF WASTE DUMP STABILITY THROUGH SLOPE MONITORING AT A LEAD – ZINC OPENCAST MINE, National Seminar on Recent Practices and Advancement in Mineral Industry (RPAMI), 21st – 22nd Feb. 2020, VNIT Nagpur, pp. 38 – 42,
 4. GEOTECHNICAL STUDY FOR PIT SLOPE DESIGN OF AN OPENCAST LIMESTONE MINE- A SCIENTIFIC CASE STUDY" International Conference on Opencast Mining Technology & Sustainability (ICOMS 2020) Jan 2021, NCL Singrauli, pp. 191- 194.
 5. PASTE FILL TECHNOLOGY – SMART WAY TO DISPOSE MILL TAILINGS, National Seminar on Recent Practices and Advancement in Mineral Industry (RPAMI), 21st – 22nd Feb. 2020, VNIT Nagpur, pp. 58 – 61.
- Books/Chapters authored/edited: 00
9. List of 5 Major Contract R&D Projects (As a team member):
1. Geotechnical study for the advice on slope stability at Rajpardi lignite project sponsored by GMDC (CNP/N/4844/2019-20)
 2. Geotechnical study for the advice on pit slope and waste dump stability at Grasim Cement Limestone Mine.(CNP/N/4906/2019-20)
 3. The advice on pit slope management at the Morwad & Dharmeta marble mine sponsored by R.K Marble Pvt.Ltd. (CNP/N/4827/2019-20)
 4. Design of stoping parameters and crown pillar for Malanjkhanda Underground Mine (SSP/N/415/2019-20)
 5. Scientific investigation on Fragmentation, Ground vibration, Flyrock & Air overpressure at Bela limestone mine of UltraTech Cement, Rewa Madhya Pradesh. (SSP/419/ 2019-20)
10. (a) Name of Patents/Copyrights applied /granted/commercialized: 00
- (b) Technologies/Products /knowhow/Services developed: 00
11. Honors/Awards/Recognitions/Fellowships/Scholarships/Professional Memberships received: 00
12. Societal Contributions: Technical support rendered in Mining & Metro rail project of National importance.

J. H. Bhatnagar
25/10/2021