

## Brief Bio-data

1. Name: Mr. Amar Kumar Singh

2. Date of Birth: 16/04/1992

3. Current Position and Address (Include Email ID and Contact Number):

Technical Assistant (864),  
Main Building room no. - 16, CSIR-CIMFR, Barwa Road, Dhanbad-826001  
Email- [amarsingh@cimfr.nic.in](mailto:amarsingh@cimfr.nic.in) , [singh.amar092@gmail.com](mailto:singh.amar092@gmail.com)  
Mob. No. - 9431990178, 8709719199  
Office: - 4226

4. Educational qualifications: (Graduation and above)

| Sl. No. | Degree            | Year of Passing | University/Institute             | Subject                   |
|---------|-------------------|-----------------|----------------------------------|---------------------------|
| 01      | Diploma In Mining | 2015            | Govt. Polytechnic Bhaga, Dhanbad | Mining and Mine Surveying |
| 02      | B.E (Mining)      | Pursuing        | IEI, Kolkata                     | Mining                    |

5. Work experience:

| Designation         | Institute/company        | From         | To           | Nature of Work                      |
|---------------------|--------------------------|--------------|--------------|-------------------------------------|
| P.D.P.T (Trainee)   | TATA Steel Ltd. Jamadoba | January 2016 | August 2016  | Mining Trainee                      |
| P.D.P.T (Trainee)   | BCCL ( Coal India)       | August 2016  | January 2017 | Mining Trainee                      |
| Project Assistant   | CSIR-CIMFR, Dhanbad      | March 2017   | July 2019    | Coal Sampling                       |
| Technical Assistant | CSIR-CIMFR, Dhanbad      | August 2019  | Till Date    | To assist R&D work, Making reports. |

6. Work Area(s)/ Specialization:

As Mining Specialization working on Underground Coal mining, Underground Metal Mining and also engaged in Coal quality assurance and monitoring.

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

It is my privilege to work in this renowned institute where the research is dedicated to the field of mining. Currently, I have been involved in diversified works for the Research and Development and application of new mining technologies along with the Mining methods and Geo-mechanics research group of the institute. I have been involved in different Grant-in-Aid projects, Sponsored Projects, and Consultancy projects to contribute significantly to the excellence of the coal and metal mining industry in the country. To be part of the success of the institute, I would like to

enhance in my academic, professional career and want to contribute to mining sector in future.

8. No. of Research Publications:

- Papers in Journals: NIL
- In conference proceedings: NIL
- Invited lectures delivered: NIL
- List of best 05 publications: NIL
- Books/Chapters authored/edited: NIL

9. List of 5 Major Contract R&D Projects:

- I. Development and adoption of the Real Time Prognosis System (RTPS) for cost effective safe operation of the mobile machinery show-cased demonstration of dumper fleet for funding by CIL R&D Board. (GAP/CIL/119/2019-20).
- II. Design and Stability of the pillars/array of the pillars for different mining methods coal mine workings( GAP/MOC/109/2017-18)
- III. Roof rock reinforcement system (R3S) for mine intersection under varying geo-mining condition.(MLP-144/2020-21)
- IV. Instrumentation and Strata monitoring of low height Continuous miner project at Jhanjra 3&4 mine seam RVII AND RVIIA of JPC, ECL (SSP/485/2020-21).
- V. Scientific & Technical services for quality evaluation of coal at loading end of Dudhichua area, NCL for its optimum utilization in power generation, Phase-1V (SSP/8608/2021-22).

10. (a) Name of Patents/Copyrights applied /granted/commercialized:

(b) Technologies/Products /knowhow/Services developed:

11. Honors/Awards/Recognitions/Fellowships/Scholarships/Professional Memberships received:

Hindi Pakhwara Award, Vigilance Awareness award, Communal Harmony award

12. Societal Contributions:

Food packet distribution during COVID-19 pandemic and being Samadhan team member helps to provide foods, essential things, study stationeries, etc.