

## Brief Bio-data

1. Name: Prerna Jaiswal

2. Date of Birth: 07/10/1989

3. Current Position and Address (Include Email ID and Contact Number): Technical Assistant  
Add: Room no.105, Bhagwant Singh Building, CSIR-CIMFR, Barwa Road, Dhanbad-826001

**E-Mail ID:** prernacimfr@gmail.com

**Contact No:** +91- 8789761615, 8540921749

4. Educational qualifications: (Graduation and above)

| Sl. No. | Degree                  | Year of Passing | University/Institute                | Subject            |
|---------|-------------------------|-----------------|-------------------------------------|--------------------|
| 1       | M.sc.                   | 2012            | Ranchi University,<br>Ranchi        | Geology            |
| 2       | B.Sc.                   | 2010            | St. Xavier's College,<br>Ranchi     | Geology            |
| 3       | 12 <sup>th</sup> (JAC)  | 2007            | Annada College,<br>Hazaribag        | General<br>Science |
| 4       | 10 <sup>th</sup> (CBSE) | 2005            | D.A.V Public School,<br>Tapin North | English            |

5. Work experience:

| Designation                                   | Institute/company                                   | From       | To         | Nature of Work  |
|---|---|------------|------------|---|
| Trainee                                       | JSAC, Ranchi  | 10.12.2012 | 09.03.2013 | Map Digitization<br>using Arc GIS<br>Software.  |
| Assistant<br>Manager<br>(Geology<br>Planning) | Sen's Geomin<br>Consultancy Pvt.<br>Limited, Ranchi | 05.01.2015 | 07.08.2019 | Work related to the<br>Mine Planning using<br>Autocad software                        |
| Technical<br>Assistant                        | CSIR-CIMFR,<br>Barwa Road,<br>Dhanbad               | 09.08.2019 | till date  | Research work<br>related to Mine<br>Planning &<br>Economics, Survey<br>and Ergonomics |

6. Work Area (s)/ Specialization: Mine Planning & Economics, Survey and Ergonomics

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

- Volumetric measurement of hired opencast mines of Bharat Coking Coal Ltd. using 3D Terrestrial Laser Scanner.
- Advice on Vetting of Mining Plan of Taliha Graphite Deposit, Arunachal Pradesh and help in Drawing & report writing.
- Volumetric measurement of opencast Mine of Khanak stone Mine using Laser Technology.
- Coal sampling and testing Sulphur % through Sulphur analyzer machine. (ELTRA)
- Coal sampling and testing Gross Calorific Value through GCV machine. (parr)

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:

- SSP/456/2019-2020
- SSP/482/2020-2021
- SSP/489/2020-2021

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

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

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

12. Societal Contributions:

To safer and healthier environment around the mine for the dwellers surrounding mining area as well as for the people working in the mines.