

Brief Bio-data

1. Name: Subhay Kumar Prasad

2. Date of Birth: 01/06/1989

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

Technical Assistant, Room No.16, Main Building, CSIR-Central Institute of Mining and Fuel Research, Barwa Road, Dhanbad-826001

Email ID: subhay.lovley@gmail.com, subhaykumar@cimfr.nic.in

Contact No. - 9988211321

4. Educational qualifications: (Graduation and above)

| Sl. No. | Degree | Year of Passing | University/Institute | Subject |
|---------|--------|-----------------|-------------------------------------|----------------------|
| 1 | PhD | Pursuing | Panjab University, Geology Dept. | Palaeontology |
| 2 | M.Sc. | 2013 | Panjab University, Geology Dept. | Geology (Honours) |
| 3 | B.Sc. | 2011 | Panjab University, Geology Dept. | Geology (Honours) |

5. Work experience:

| Designation | Institute/company | From | To | Nature of Work |
|---------------------|--------------------------|-----------|-----------|---|
| Assistant Geologist | Vasudha Geo Pvt.Ltd, | June 2013 | June 2016 | Resources evaluation of limestone, corelogging and reserve estimation |
| Phd Scholar | Geology Dept, Geology | Feb 2019 | Aug 2019 | R&D Work |
| Technical Assitant | CIMFR, Dhanbad | Aug 2019 | Continued | R&D Work |

6. Work Area(s)/ Specialization:

As geologist working on the Lesser Himalayan as well as Tethyan Himalayan on trace fossils and trilobite and Underground Coal.

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

As a geologist it's my privilege to work in this institute where the research is dedicated to the field of mining. Currently, I have been involved in diversified works for the development and application of new mining technologies along with the Mining methods and Geomechanics 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 maintain consistency in my academic and professional career.

8. No. of Research Publications:

- Papers in Journals: 12 papers
 - In conference proceedings:10
 - Invited lectures delivered:-
Indian Statistical Institute at Kolkata on 27-28 Jan 2020 on Deep Time Biodiversity of Bengal.
 - List of best 05 publications
- I. Myrow, P.M., Fike, A., Malmskog, B., Leslie, S., Zhang, T., Singh, B.P., Chaubey, R. S., and Prasad, S. K. (2018). Ordovician-Silurian boundary strata of the Indian Himalaya: Record of the latest Ordovician Boda Event. *Geological Society of America Bulletin*. <https://doi.org/10.1130/B31860.1>. IF=4.708 .
 - II. Singh, B.P., Bhargava, O.N., Mikuláš, R., Prasad, S.K., Singla, G., Kaur, R., (2017). Asteriacites and other trace fossils from the Po Formation (Visean–Serpukhovian), Ganmachidam Hill, Spiti Valley (Himalaya) and its paleoenvironmental significance. *Geologica Carpathica*. *Geologica arapathica*, 68, (5), 464–478. IF=1.699.
 - III. Singh, B. P., Bhargava, O.N., Mikuláš, R., Prasad, S.K., Morrison, S., Chaubey, R.S., Kishore, N., (2019) Discovery of traces of *Cruziana semiplicata* and *C. rugosa* groups (Cambro-Ordovician) from the Lesser Himalaya, India and their stratigraphic, tectonic and palaeobiogeographic implications. *Journal Paleontological Society of India*, 64(2), 283-303. IF=0.610
 - IV. Chaubey, R.S., Vinn, O., Singh, B.P., Bhargava, O.N., Prasad, S.K., Kishore, N., (2019): Warm water dasycladacean algae from the Ordovician-Silurian of Parahio Valley, Spiti, India. *Estonian Journal of Earth Sciences*, 68(1): 45–53. IF=0.927.
 - V. Kaur, R., Singh, B.P., Bhargava, O.N., Mikuláš, R., Singla, G., Prasad, S.K., Stopden, S., .Ichnology and biostratigraphic significance of Cambrian trace fossils from the lowest stratigraphic level of Kunzam La Formation, Chandra Valley, Lahaul and Spiti, India. *Ichnos*. IF=1.469.
- Books/Chapters authored/edited Nil
9. List of 5 Major Contract R&D Projects:
- I. Development and adoption of the of Real Time Prognosis System (RTPS) for cast 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 during stopping at Rampur Agucha underground mine HZL.(SSP/428/2019-20).
 - V. Instrumentation and Strata monitoring of low height Continuous miner project at Jhanjra 3&4 mine in seam RVII AND RVIIA of JPC, ECL (SSP/485/2020-21).
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:
- Prof. S.K Singh Memorial Gold Medal for the paper entitle *Treptichus* Ichnogenus from the Crambrain of India and Bhutan. Its relevance to the Precambrian –Cambrian Boundary Published in the *Journal of the Palaentology Society of India* vol62 (1); 39-50, which was adjudges as the best Scientific Contribution in the journal for the 2017.at Cental of Advance Study in Geology, University of Lucknow,Lucknow
12. Societal Contributions: Food packet distribution during COVID-19 pandemic.