

Brief Bio-data

1. Name: **SIMANTA SINHA**

2. Date of Birth: **05/12/1990**

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

Technician

CSIR – CIMFR

Dhanbad

826001

Email :- s.sinhasurvey@gmail.com

Mobile no:- 7001407505

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1.	Surveyor's Certificate of Competency	2018	DGMS	Surveying
2.	Bachelor of Arts	2017	Vinoba Bhave University	Political Science

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Mines Surveyor	Sadbhav Engineering Limited	24/01/2018	31/12/2018	Official work and Opencast survey.
Technician	CSIR-CIMFR	13/09/2019	Continue	Subsidence measurement and survey using advanced instrument

6. Work Area(s)/ Specialization: **Subsidence monitoring and Mine surveying**

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

- Subsidence monitoring due to extraction of underground coal for safety of surface structure
- Survey of Opencast mines and topographical survey using Total Station, terrestrial laser scanner and Global Navigation satellite system.

- Analysis of point cloud data using ATLA Scan software for preparation of plans
- Establishment of Base Station, Base line, demarcation of mining leasehold area etc. using Global Navigation Satellite System

8. No. of Research Publications:

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

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

- SSP/489/2020-21
- SSP/482/2020-21
- SSP/545/2020-21

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

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

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

12. Societal Contributions : Survey of Vigyan bharti and timely inspection of the work.