

## Brief Bio-data

**1. Name:** Mr. Saurabh Singh

**2. Date of Birth:** 18/06/1994

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

Technical Officer Gr.III/3

Coal and Mineral Processing Division,

CSIR – Central Institute of Mining and Fuel Research (CIMFR)

(Digwadih Campus) PO: FRI – Dhanbad 828108

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**Contact:** 03262388-254 (O), 9179950359

**4. Educational qualifications: (Graduation and above)**

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1.	Bachelor of Engineering (B.E.)	2016	RGPV Bhopal	Mechanical Engineering

**5. Work experience:**

Designation	Institute/company	From	To	Nature of Work
Technical Officer Gr.III/3	CSIR-CIMFR, Dhanbad	18/12/2017	Continue	R&D on Coal Preparation and Tech. Support

**6. Work Area(s)/ Specialization:** Beneficiation of Coarse and Fine Coal through Coal Handling Plant, Simulation and Optimization of Coal washing data.

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

Regular maintenance of coal beneficiation Pilot Plant which is more than 60 years old. Responsible for operation of Pilot Plant as and when required. Installation of new LC3, 8 turn Spiral for better beneficiation of fine Coal. R & D studies on coking coal fines and washery rejects. Sampling of indigenous and imported coals and standardization of auto mechanical samplers (AMS).

**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. Installation of a new LC-3, 8 turn spiral at the Coal Washing Pilot Plant in place of old LD-7 spiral followed by testing of Indian Coking /Non Coking Fine Coal, MLP Project **(Role: PL)**.

ii. Infrastructural facilities for processing/beneficiation of different minerals and ores, MLP Project **(Role: Team member)**

**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:**

Carried out R & D studies on beneficiation of coking and non-coking coal to meet the requirements of different end users and to achieve excellence in judicial utilization of resources through existing facilities and development of new technologies for achieving sustainable development. Imparted hands on laboratory training to college student and newly join project fellows. Demonstrated the working of coal preparation Pilot Plant to various industrial visitors, student and project fellows at CIMFR (DC).