

## Brief Bio-data

1. Name: **JYOTI SHARMA**

2. Date of Birth: **31-12-1988**

3. Current Position and Address

**Technical Assistant, Gr-III(1),**

**Coal Characterisation, Resource Quality Assessment Research Group,**

**CSIR CIMFR Digwadih Campus, P.O. FRI, 828108, Jharkhand**

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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subjects
1	B.Sc.	2010	Ranchi University	Chemistry
2	M.Sc	2013	Kolhan University	Inorganic Chemistry
3	P.hD	Enrolled through AcSIR in the session Aug, 2021		

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Project Assistant	CSIR-CIMFR	09 feb 2015	08 feb 2016	Quality Assessment of Coal
Technical Assistant	CSIR-CIMFR	Aug-2019	Till date	Quality Assessment of Coal and Operation of Instruments, assistance in R&D works

6. Work Area(s)/ Specialization:Coal

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

Working in Coal Characterization laboratory of RQA Research Group and having exposure in operating of analytical tools for generation of coal quality data related to Industrial purpose like ThermoGravimetric Analyzer (TGA), Bomb Calorimeters, CHNS analyzer, Sulphur Analyzer, Ash fusion Temperature(AFT). Performing different coal analysis manually and also working in coal tested result reporting group through data entry, data compilation, and interpretation. Regularly involved in imparting training to new project assistants and also the delegates of national workshop held at CSIR-CIMFR, Digwadih campus.

Enrolled in P.hD Research Fellow at RQA Division, Digwadih, CSIR-CIMFR, Dhanbad through AcSIR on the topic related to Physico-chemical, petrographic and thermal properties of stockpiled coals under different geographic locations in India.

8. No. of Research Publications:

- Papers in Journals: **01**
- In conference proceedings: **NIL**
- Invited lectures delivered: **NIL**
- Books/Chapters authored/edited: **NIL**
- List of Publication:

"Torrefaction of agro-wastes (Palmyra Palm shell and Redgram stalk): Characterization of the Physicochemical Properties and Mechanical strength of binderless pellets". Vallu Ramakrishna, Ph.D; Ashok K Singh; GK Bayen; RE Masto; RK Meena; Pradeep K Singh; Arya Mishra; **Jyoti Sharma**; Arnold L Usham.

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

Mega Coal Sampling (TPS) project on Coal Quality Monitoring for Indian Power Plants.

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: Societal support through my work in coal quality assessment for power sector and helping better and cheaper generation electricity to society.