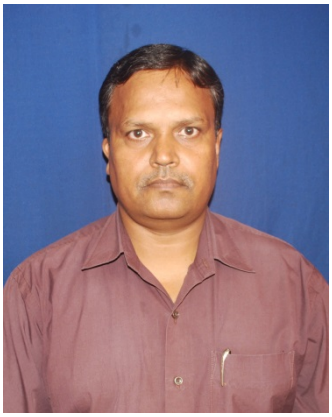
Format for Bio-Data



1. Name: **Dr Krishna Murari Prasad Singh**

2. Date of Birth: 19-01-1969

3. Current Position and Address: Senior Scientist
(with E-mail & Phone no.)
singh_kmp@yahoo.co.in, kmpsingh69@gmail.com
03262388-254 (O), 03262396070, 9431512931, 9471192491

4. Educational qualifications: (Graduation and above)

SI. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
1.	B Sc.(H)	1990	Ranchi University Ranchi	Industrial Chemistry, (Chem., Bot. & Zoo)
2.	M Sc.	1992	BVU, Hazaribag	Chemistry
3.	M Phil	1997	ISM, Dhanbad	Applied Chemistry
4.	Ph D	2014	ISM, Dhanbad	Applied Chemistry

5. Work experience

SI. No.	Designation	Institution/company	From	To	Nature of work
1	Scientist 'B'	CSIR-CFRI	28th May 2001	27th May 2006	
2	Scientist 'C'	CSIR-CFRI/CIMFR	28th May 2006	27th May 2011	
3	Sr. Scientist	CSIR-CIMFR	28th May 2011	Continue	

6. Area of specialization: Coarse and Fine coal Beneficiations

7. Honors/Awards received: Nil

8. Fellowships/Scholarships: Nil

9. No. of Research Publications:

- Papers in journals: 14
- In conference proceedings: 40
- Invited/key-note addresses: 0
- List of best 05 publications:

1. A Modified Godbert Apparatus for Determining Optimum Level of Beneficiation for Indian Non-Coking Coal for Power Generation, ***K. M. P. Singh****; U. S. Chattopadhyay; T. GouriCharan; D. D. Haldar*, Taylor & Francis Vol 30, Issue 6, 2010, P -310-321, International Journal of Coal Preparation and Utilization

2. Comparative Studies on the settling behavior of Indian non-coking coal fines by standard Jar test and Instrument, ***K. M. P. Singh***, *G Udayabhanu& T. GouriCharan,* Volume 34, Issue 2, 2014, pp 65-74, International Journal of Coal Preparation and Utilization
3. Sedimentation Studies on Non-coking Coal Fines with Some Industrial Flocculants, ***K. M. P. Singh***, *G Udayabhanu, T Gouricharan& J K Panday,* 10-12, December 2013, P 214-219 XIII International Seminar on "Mineral Processing Technology" MPT - 2013
4. Cryo-SEM investigation of flocculated coal fines slurry in liquid condition on treating with different industrial flocculent, ***K. M. P. Singh***, *G Udayabhanu and T GouriCharan, MPT* 2016
5. Coal washability based on dual energy X-ray, ***K M P Singh***, *T GouriCharan, G V Ramana, K M K Sinha, G S Jha, Priyanka KumariUjala and Raj Gaurav Prasad,* MPT-2016.

10. Number of Books authored/edited: 0
11. (a) No. of Patents granted/applied for: 0

    (b) Technologies developed, Licensed and/or commercialized: 0
12. Foreign visits: Turky
13. Details of Professional memberships: 1.Indian Mining, Geological and Metallurgical Institute of India, Kolkata
    2. Indian Institute of Mineral Engineers (IIME) and
    3. Indian Institute of Metals, Kolkata
14. Major contributions: (Max. 150 words):

- ❖ Working on a high value projects "Development of an online coal washability analyser" awarded by MoC, to access coal washability in all most real time during commercial operation of plant. Which may help in maximize the combustible coal recovery in the cleans.
- ❖ FE-SEM with EDS expected to be installed in the month of February 2016 for advance characterizations of coal. Another instrument DSC-TGA with online and offline FT-IR and GC-MS procurement are in progress. These two instruments may explore new dimension in coal characterizations.
- ❖ The Ph D work entitled "Studies on Flocculation of Indian Non-Coking Coal Fines Using Suitable Reagents" will provide a most economic and justified utilization of chemicals in coal fines handling, at the same time conserve our natural resources i.e. coal and water. Further may help to reduce polluting water and air as well. While the Cyro SEM studies for the flocculated mass in liquid condition will explore a new area of studies

15. Technologies and Products/ Services

    (i) Developed:
    (ii) Licensed:
    (iii) Commercialized:
16. Designs and Prototype Developed: Sedimentation studies facilities were developed with the existing contact angle measuring instrument.
17. Honours and awards won for technological contributions or sociological impact of R&D:

Signature