

## Brief Bio-data

1. Name: Shailendra Kumar Singh

2. Date of Birth: 05.08.1974

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

Senior Technical Officer (1),  
[sks\\_cimfr@yahoo.com](mailto:sks_cimfr@yahoo.com)  
9431315843

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
01.	B.Sc. (Hons.)	1994	Banaras Hindu University, Varanasi	Physics (Hons.), Mathematics & Chemistry
02.	M.Sc.	1996	Banaras Hindu University, Varanasi	Physics
03.	Ph.D.	ongoing	AcSIR	Rock Mechanics

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Senior Technical Officer (1)	CSIR - Central Institute of Mining and Fuel Research, Dhanbad	31.07.2002	Continuing	Testing, Data Analysis and Research Work

6. Work Area(s)/ Specialization: Rock Mechanics

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

About 150 projects have been carried out successfully to till date since 2002 at Rock testing Department. During this period a sum of more than Rs. 25 crores (Rupees twenty-five crore) of external cash flow has been generated through the departmental Projects, Testing and Calibration activities. Laboratory and field investigations were carried out to understand the characteristics of intact rock and rock mass. Most of these projects are Industry sponsored and are related to study of rock mechanical properties for design of different surface or Underground structures of short, medium- and long-term stability, coal bed methane extraction etc.

8. No. of Research Publications:

- Papers in Journals: Nil
- In conference proceedings: One (01)
- Invited lectures delivered: Nil
- List of best 05 publications:
  01. Buragohain, J., S. K. Singh, Shailendra Kr. Singh and P. Rabidas Rock Mechanics Investigations of Coal Measure Rocks in Mahatadih-Raidih Block, Kulti Area, Raniganj Coal Field
- Books/Chapters authored/edited: Nil

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

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:

Contributed a lot in coal mining for pillar and slope design, In railways for tunnel design and in Hydro Electric projects for foundation and different tunnel design, using the rock mechanical knowledge, for the safety and benefit of the society and to meet the energy demand of the country. Involved in Coal quality Mega project for coal quality assurance and monitoring. As a result of this project the quality of coal supplied to Thermal power plant improved and hence the price of electricity to consumer dropped.