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1. Name : RAKESH KUMAR SINGH
2. Date of Birth : 16/06/1974
3. Current Position and Address: Technical officer, Slope Stability
(With E-mail & Phone no.) Room No-37, CSIR-CIMFR, Dhanbad
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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
	Bachelor of Science	1995	T M Bhagalpur University, Bhagalpur	Physics

5. Work experience

Designation	Institution/company	From	To	Nature of work
(I) Technical Assistant Gr.III (1)	CSIR-CIMFR, Dhanbad	23/07/2002	22/07/2007	To Carry out R&D Work in the field of Slope Stability.
(II) Technical Assistant Gr.III (2)	CSIR-CIMFR, Dhanbad	23/07/2007	20/07/2010	
(III) Technical Officer Gr.III (3)	CSIR-CIMFR, Dhanbad	21/07/2010	Till date	

6. Area of specialization: Prediction of Slope instability, Open Cast Mine and Dump slope design of Coal/ Non Coal mines, Soil and Geomechanics.

7. Honors/Awards received:

8. Fellowships/Scholarships:

9. No. of Research Publications:

- Papers in journals: 2
- In conference proceedings:
- Invited/key-note addresses:
- List of best 05 publications: 1. राकेश कुमार सिंह ,मनीष कुमार झा मरकोठरा रॉक फॉस्फेट खान के खंड-डी के ढलान स्थिरता का अध्ययन एवं विश्लेषण”
Minetech, October- December, 2007, Vol.28 No.4 P 34-37
- 2 राकेश कुमार सिंह ,मनीष कुमार एवं वीरेन्द्र कुमार सिंह डंप डिजाइन एवं स्थिरीकरण हेतु सुरक्षात्मक उपाय भारतीय वैज्ञानिक एवं अनुसंधान पत्रिका वर्ष 20 अंक 2 दिसम्बर 2012 पृ. .251-256

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10. Number of Books authored/edited:

11. (a) No. of Patents granted/applied for:

(b) Technologies developed, Licensed and/or commercialized:

12. Foreign visits:

13. Details of Professional memberships:

14. Major contributions: (Max. 150 words)

The input data generated has helped in optimum slope design of a number of active mine and dump slopes (HZL, RSMML, NMDC, CIL, TISCO, OMC, etc) which have resulted in saving of several crore rupees to the different mine managements. It helped to ensure the minimum land acquisition for the development of the open pit and dumps.

The slope monitoring has helped to detect the movement in and around the mine for the safety of the men and machinery for the companies such as HZL, MCL, NMDC, RSMML, TISCO, BCCL, WCL, HCL, NCL, NALCO, and DTRL (DRDO).

15. Technologies and Products/ Services

Developed:

Licensed:

Commercialized:

16. Designs and Prototype Developed:

17. Honours and awards won for technological contributions or sociological impact of R&D:

Signature