



### Brief Bio-data

1. Name: Mudassar Raja

2. Date of Birth: 23-10-1994

3. Current Position and Address

(Include Email ID and Contact Number): Technical Assistant at Rockmass Characterization and Innovative Mining Method Section, Room No.17 main building CSIR-CIMFR Barwa Road Dhanbad 826001.

Email:- [mudassaraja@cimfr.nic.in](mailto:mudassaraja@cimfr.nic.in)

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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1.	Diploma in Mining Enginnering	2016	Government Polytechnic Nirsha Dhanbad	Mining Engineering

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
P.D.P.T	B.C.C.L	16-06-2017	15-06-18	Supervisor
Project Asst.	CSIR-CIMFR	06-12-2018	25-07-19	R&D
Technical Asst.	CSIR-CIMFR	14-08-2019	Till date	R&D

6. Work Area(s)/ Specialization: Strata/rock mechanics for strata control in underground coal mining, pillar design for thick seam mining and underground instrumentation and monitoring of strata.

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

8. No. of Research Publications:03

- Papers in Journals:
- In conference proceedings: 02
- Invited lectures delivered:
- List of best 05 publications
- S. Ram, A.K. Singh, A. Kumar, **M. Raja**. Support design of a panel during depillaring with sand stowing using numerical and empirical approaches. RPAMI 2020

- A. Kumar, D. Kumar, S. Ram, AK. Singh, R. Kumar, **M. Raja**, A.K Singh. Rock mechanics challenges and advances in continuous miner based mechanised depillaring of coal pillars. AIM 2020
- Books/Chapters authored/edited: 01
- A. Kumar, D. Kumar, A.K. Singh, R. Kumar, S. Ram, **M. Raja**, A.K. Singh. Developments made for mechanised extraction of locked-up coal pillars in Indian geo-mining conditions.

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

Scientific study to assess the efficacy of the support system during the working of the panel and thereafter continuously monitor the strata movement from the outside of the panel till the completion of extraction in the panel and two subsequent years at Sarni UG Mine E3 panel of Pathakhera Area, WCL.

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: No