

1. Name: Jagapthal Vinod Kumar

2. Date of Birth: 09/04/1989

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

Technical Assistant,

Group III (I),

Geomechanics And Numerical Simulation Section,

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Room No-16, Main Building, CSIR-CIMFR Barwa Road Campus, Dhanbad-826001

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1	Diploma in Mining Engineering	2010	State Board Of Technical Education And Training, Andhra Pradesh	Mining
2	Associate Member of Institution of Engineers (A.M.I.E)	Summer 2020	Institute of Engineers(India)	Advance Mine Ventilation, Mine Environment and Pollution, and control, GeoMechanics

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Trainee Foreman	Hindustan Zinc Limited (S.K Mine)	02/06/2010	06/06/2011	Below Ground
Foreman	Uranium Corporation Of India Limited	24/06/2011	25/06/12	Below ground
Foreman	Mahantha Mica Mine	29/06/2012	29/08/2013	Below ground
Junior Mining Engineering Trainee	Singareni Collieries Company Limited	30/09/2013	23/06/2015	Below ground
Foreman	Hindustan Zinc Limited (R.Agucha Mine)	11/02/2016	21/07/2016	Below ground
Overman	Bharat Coking Coal Limited (A.B.OCP	31/05/2018	20/08/2019	Opencast Mine

	Mine)			
Technical Assistant	CSIR-CIMFR	22/08/2019	Continuing	Research and Development

6. Work Area(s)/ Specialization: Underground Coal and Metal Mining, Strata Mechanics, Numerical Modeling

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

I have been involved in research works for the development and application of new mining technologies along with the Mining methods and Geomechanics research group of the institute. I have been involved in different Grant-in-Aid projects, Sponsored Projects, and Consultancy projects to contribute significantly to the excellence of the coal and metal mining industry in the country. I have attended one national conference. I would like to maintain consistency in my academic and professional career.

8. No. of Research Publications:

- Papers in Journals:

1. K Nageswara Rao, G Budi, P K Mandal, A J Das, **J Vinod Kumar**. Retrospection of the Longwall Mining for Mass Production of Coal from Indian Underground Mines. 35th Indian Engineering Congress organized by Institution of Engineers (India). December 18-20, 2020; 1173-1182.

- In conference proceedings: 1

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

Sponsored Projects running during the period:

1. Roof Rock Reinforcement System (R3S) for mine Intersection under varying Geomining conditions, (MLP-144/2020-2021).
2. Instrumentation and strata monitoring of continuous miner working during development/depillaring operation in RVI seam (operated by single continuous miner), at MIC, Jhanjra Project colliery (SSP/461/2019-20).
3. Instrumentation and strata monitoring during stoping at Rampura-Agucha underground mine, HZL (SSP/428/2019-20).
4. Instrumentation and strata monitoring of low height continuous miner project at Jhanjra 3&4 mine in seam RVII and RVIIA of Jhanjra Project colliery, ECL (SSP/485/2020-21).
5. Instrumentation and strata monitoring of low height continuous miner project at Jhanjra 3&4 mine in seam RVII and RVIIA of Jhanjra Project colliery, ECL (SSP/561/2021-22).

10.0 Professional Memberships received:

Associate member of The Institution of Engineers (India)