

**Soumyadeep Paty**

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### ACADEMIC DETAILS

Qualification	Board/University
PhD (pursuing)	Indian Institute of Technology Kharagpur
M. Tech. (Mining Engineering)	Indian Institute of Technology Kharagpur
B. E. (Mining Engineering)	Indian Institute of Engineering Science and Technology, Shibpur (Formerly Bengal Engineering and Science University, Shibpur)

### WORK EXPERIENCE:

Organization	Position	Duration
Kazi Nazrul University	Assistant Professor	2021- Present
Coal India Limited	Assistant Manager (Mining)	2019-2021

### PROJECT/TRAINING DETAILS:

Training/ Project Title	Organization/University	Project Details
Study on effects of Whole Body Vibration (WBV) on HEMM operators	IIT Kharagpur	Post graduate project work on whole body vibration prediction from different influencing parameters
Estimation of Coal Bed Methane Production using Coal Bed Methane Reservoir Simulation	IEST, Shibpur	Under graduate project work using reservoir simulator software GEM
Industrial Training	Hindustan Copper Limited	45 days industrial training in Surda underground copper mining project
Industrial Training	Coal India Limited	45 days industrial training in Dudhichua opencast coal mining project

**GATE RANK: All India rank 02 of year 2016**

## CONFERENCE PAPER:

**Influence of some mechanical factors on Whole Body Vibration (WBV) for 100 tonne dumpers**  
(Published in The XXIXth Annual Occupational Ergonomics and Safety Conference, Seattle, Washington, USA, June 1-2, 2017)

## TECHNICAL PROFICIENCY:

- ❖ **Language:** C, HTML, Python
- ❖ **Software:** SPSS, Minex, Surpac, whittle, MATLAB, CPLEX, GEM, Dreamweaver
- ❖ Assisted a consultancy project work on 'Evaluating Whole Body Vibration of HEMM operator' conducted by IIT Kharagpur and sponsored by Tata Steel Ltd.
- ❖ Presently pursuing PhD on Open pit to Underground mines transition.

## AREA OF INTEREST:

- ❖ **Mine Planning, Coal Mining, Optimisation Problems, Robotics in Mining, Ergonomics, Artificial Intelligence and IoT in Mining Industries.**

## PERSONAL DETAILS

- ❖ **Languages Known** :- English, Hindi & Bengali
- ❖ **Nationality** :- Indian
- ❖ **Permanent Address** :- Rangamati, Suryanagar  
Midnapore Town  
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