

SANJOY GORAIN

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Present Address:

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ACADEMIC PERFORMANCE

DEGREE	YEAR	UNIVERSITY/BOARD	PERFORMANCE
Ph.D. (Mining Engineering)	2016 - Continuing	Indian Institute of Technology, Kharagpur	NA
M. Tech (Mine Safety Engineering)	2013 - 2015	Academy of Scientific and Innovative Research	9.61/10
B. E. (Mining Engineering)	2008 - 2012	Bengal Engineering and Science University (Currently IEST), Shibpur	81.56%

EMPLOYMENT

Kazi Nazrul University	Assistant Professor	February 2019 – Till date
Responsibilities	Teaching students and associated with departmental administrative work	
Asansol Polytechnic-Asansol	Lecturer	September 2017 – January 2019
Responsibilities	Teaching students and associated with departmental administrative work	
GEC-Jagdalpur	Assistant Professor	January 2017 – September 2017
Responsibilities	Teaching students and associated with departmental administrative work	
ECL, Coal India Limited	Management Trainee	February 2013 – August 2013
Responsibilities	Supervision of installation and recording the data of Load-Cells and Convergence-Meters, testing the anchorage strength of roof bolts and supervising ventilation survey	
Hindustan Zinc Limited	Graduate Engineering Trainee	May 2012 – January 2013
Responsibilities	Worked as a Shift Incharge in mechanized shaft sinking operation of Rampur Agucha Lead-Zinc mine from initial box-cut level.	

KEY ACADEMIC PROJECT

Proposed Ph.D. Thesis, IIT-Kharagpur	Prof. B. S. Sastry & Prof. B. Samanta
Assessment of Dispersion of Diesel Particulate Matter in Mines	
M. Tech Thesis, AcSIR, CSIR-CIMFR	Prof. Jai Krishna Pandey
Development of a simulation model for various contaminants in airflow and optimization of ventilation system for a mechanised underground metalliferous mine	
B. E. Thesis, BESU, Shibpur	Prof. Suranjan Sinha
Assessment of Environmental Quality in an Opencast Coal Mine	

PUBLICATIONS

- Pandey, J. K., Agarwal, D., **Gorain, S.**, Dubey R. K., Vishwakarma, M. K., Mishra, K. K. and Pal, A. K., 2017, Characterisation of respirable dust exposure of different category of workers in Jharia Coalfields, Arabian Journal of Geosciences, Springer, Vol. 10, No. 183, pp. 1-10 (IF: 0.860)
- **Gorain, S.** and Pandey, J. K., 2016, Ventilation Study of a mechanised mine on the basis of contaminant dilution, In: Proceedings in the 6th Asian Mining Congress, February 23-27, 2016, MGMI, Kolkata
- **Gorain, S.** and Pandey, J. K., 2015, Contaminant Dilution Based Ventilation Study for Narwapahar Mine, The Indian Mining & Engineering Journal, Vol. 54, No. 06, pp. 09-13
- **Gorain, S.** and Pandey, J. K., 2015, Numerical Simulation of Ventilation in Underground Mines - A Review, Mining Engineers' Journal, Vol. 16, No. 8, pp. 23-27
- **Gorain, S.**, Pandey, J. K. and Sinha, S., 2014, Environmental Quality Assessment of Sonepur Bazari Opencast Mine, In: MRACSB15-2014 - Proceedings in the All India Seminar on Mining Recent Advances, Challenges and Scenario beyond 2015, November 8-9, 2014, Rourkela, pp. 255-260

AWARDS/HONOURS/ACHIEVEMENTS

- Nominated as an **Outside Expert** of the Selection Committee of **Coal India Limited** during the campus interview for Mining Engineering at **NIT-Raipur** in February, 2017.
- Secured **1st Position** in the recruitment of Assistant Professor of Mining Engineering in Government Engineering Colleges of Chhattisgarh through **CGPSC**.
- Conferred **S Lal Award** for Mining Engineering for 2011-12 by **The Mining, Geological and Metallurgical Institute of India (MGMI)**.
- Awarded **Institute Silver Medal** at **BESU, Shibpur** for securing **1st position** in the Department of Mining Engineering in the batch 2012.
- Ranked **21st** in the **GATE** Examination in **2012**.
- Awarded **Merit Scholarship** at **BESU, Shibpur** in the year 2010, 2011 and 2012.
- Ranked **70th** in the state in 10th grade state exam (2005).

EXTRA ACADEMIC ACTIVITIES

- Event and Fest coordinator in a number of symposiums and festivals in BESU, Shibpur.
- A Painter and Traveler by hobby.