

Bibhuti B. Mandal has more than 22 years of experience in mechanized underground metal mining. Mr. Mandal graduated in Mining Engineering in 1982 from the University of Calcutta and joined Hindustan Copper Limited (HCL/ICC). He left HCL in 2002 and joined Sikkim Mining Corporation as Deputy General Manager (Tech) as incharge of Mining and mineral beneficiation. In 2004 joined National Institute of Miners' Health as Senior Research Officer and currently heading the Research & Development division.

He has done pioneering research work on human response to equipment induced vibration in Indian mines and has been awarded M.Tech (by Research) for this work by Visvesvaraya National Institute of Technology (VNIT), Nagpur in 2008. In last four years he has participated/coordinated in more than 25 clientele sponsored environmental/occupational health study projects. He holds the Manager's First Class Certificate of Competency (unrestricted) issued by DGMS and also certificate of Recognised Qualified Person (RQP) to prepare Mining Plans issued by the Indian Bureau of Mines.

Professional membership: Member of the Mining Geological & Metallurgical Institute of India and Indian Mining & Engineering Journal Reader's Forum.

Publication: He has contributed a chapter in the book "Mining: Social & Economic Issues" published by ICFAI University Press and has 6 national and 3 international publications to his credit.

Research interest: Air pollution, Noise pollution and occupational hazards in mines.

Expertise: Risk analysis of occupational exposure to Vibration

Projects in hand: as Principal Investigator in "Development of a protocol for evaluation of vibration hazard potential of mining equipment" – sponsored by the Ministry of Mines (Government of India).