

B. K. Mishra

Personal Profile:

B.Sc.(Engg.)	(1981)	R.E.C. Rourkela, Odisha, India
M.S.	(1987)	Wayne State University, U.S.A.
Ph.D.	(1991)	University of Utah, U.S.A.



Research Interest:

Minerals Engineering- comminution and classification, bio-mineral processing, and gravity separation.
Modeling- discrete element method and Monte Carlo method.
Powders and particles.

Experience:

Director: IMMT Bhubaneswar since 2006.
Teaching at IIT Kanpur from 1993 till 2005.
Adjunct Professor: Department of Metallurgical Engineering, University of Utah, USA since 2011.
Visiting Professor: Aston University, UK from July 1999 to July 2000.

Publications:

Refereed Journal (SCI)	International Conference Proceedings	National Conference Proceedings	Patent	Book
110	22	25	6	1 [†]

[†] Managing Waste From Aluminium Smelter Plants, B.M Mazumder & B.K. Mishra, Woodhead Publishing, 2010.

Thesis Supervision:

M. Tech 12 completed; Ph.D. 3 completed & 3 in progress

Commercial Software Developed:

Millsoft© for design and routine operation of tumbling mills.

Symcyclone© for designing industrial hydrocyclone

Honors and Awards:

Fellow of Indian National Academy of Engineering
National Mineral Award
Mineral Beneficiation Award (Indian Institute of Mineral Engineers)
Member, editorial board of *International Journal of Mineral Processing* (Elsevier)
Member, editorial board of *Minerals Engineering* (Elsevier)
Member, editorial board of *The Open Mineral Processing Journal* (Bentham)
Fulbright Fellow, May-July 2002

Membership in Important Committees:

- Member, Empowered Committee, Ministry of Steel, Govt. of India.
- Member, Indo-EU evaluation committee for computational materials science.
- Member, PAC on Materials, Mining, and Minerals of DST, Govt. of India.
- Member, Board of Governors, IISER Kolkata
- Council Member, Odisha Bigyan Academy, 2011-present
- Member, Council of Indian National Academy of Engineering, 2009- present
- Member of Governing Council of Techno-economic Mineral Policy Options (C-TEMPO), Ministry of Mines, Govt. of India, 2010-present