

Bio-Data

Name : ASHOK KUMAR SINGH
Date of Birth : 07th July 1952
Marital Status : Married

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Educational and Professional Qualifications:

Sl. No.	Institution	Degree	Year of passing	Distinction	Remarks
i.	ISM, Dhanbad	B.Tech (Mining)	1974	Ist Class First	Pickering Medal of MGMI
ii.	DGMS, Dhanbad	I st Class Mine Manager's Cert. (Coal)	1976		Mine Mgmt. Legislation & General Safety
iii.	ISM, Dhanbad	PG Cert.	1976		Industrial Engg & Mine Mgmt.
iv.	ISM, Dhanbad	PG Diploma	1990	Ist Class First	Longwall Mine Mechanisation
v.	IGNOU, New Delhi	PG Diploma	1993		Management
vi.	DPE, GOI				Director's Cert. Programme
vii.	Wharton School of Mgmt., Pennsylvania (USA)	EDP	2009		Executive Development Programme of two weeks

Membership of Professional bodies :

- (a) Mining Geological & Metallurgical Institute of India (MGMI) - Life Member
(b) Indian Mine Manager's Association (IMMA) - Life Member

Work Experience:

After obtaining B.Tech in Mining Engineering from Indian School of Mines, Dhanbad in the year 1974, worked in different capacities in the mines of BCCL and Regional Institute- II (Dhanbad), CMPDI from Feb' 1975-1986 and 1986-1997 respectively. During this period was actively associated with mechanization in underground mines like Sudamdih, Moonidih and was trained under Colombo

Plan for four months in Longwall Mine Mechanization at National Coal Board (NCB), UK, France and Germany (1980).

Worked in large opencast mines of M/s Northern Coalfields Limited e.g. Nigahi (15 MTPA), Amlohri (10 MTPA) from 2000 to 2006 as General Manager and Chief General Manager. During this period was inter-alia actively involved with Environmental Measure and Social Mitigation Project aided by World Bank for CIL Mines and ISO 14001 certification of NCL.

Selected by PESB as Director (Tech) for M/s Central Coalfields Limited, Ranchi in Oct. 2006 and again as Chairman-cum-Managing Director of M/s Central Mine Planning & Design Institute (CMPDI) in January, 2008. Retired after attaining the age of 60 years from CMPDI on 31st July 2012. During this period also took additional charge of CMD, Mahanadi Coalfields Limited (MCL) from Sept' 2010 to Feb' 2011 and CMD of South Eastern Coalfields Limited (SECL) from March 2011 till August 2011. These were the coal subsidiaries of CIL producing more than + 100 MTPA range.

Before joining at ISM in Environmental Science & Engineering Dept. on 1.8.2013 as Rajiv Gandhi Chair Professor had given advice to some private coal block allottees in obtaining environmental and forestry clearances from MoEF.

Awards

- (i). DD Thakkar Gold Medal of MGMI in 2012 towards recognition of contribution to mining industry
- (ii). During the tenure in CMPDI as CMD, Company was awarded with :
 - 'Mini Ratna' (Cat-II) by the GOI in 2010
 - Excellent MOU Ratings for the years 2007-08, 2008-09 and 2009-10 consecutively
 - Meritorious award in R&D, Technology Development and innovation in Public Sector Companies for the year 2011
- (iii). CCL was awarded 'Mini Ratna' in 2006-07.
- (iv). Awarded National Mineral Award for the year 2007 by Ministry of Mines, GOI for outstanding contribution in the field of Mining Technology
- (v). Represented India as Member and Co-chair the Technical Sub-Committee on Coal Mine Methane of M2M Partnership of USEPA from 2008 to 2011.
- (vi). Indira Gandhi Rajbhasha award for original writing in Hindi for the year 2012

Contribution to Book/technical Magazines/Papers/Review/Articles

- 1) Coal Bed Methane - Alternate Energy Resource (in Hindi), CMPDI Publication (2011)
- 2) Appointed as Reviewer of FRAGBLAST-10 (International Explosives & Blasting Seminar held in November 2012 at New Delhi)
- 3) A Critical analysis of application of ANFO and ANFO Blends in opencast coal mine blasting in India – VISFOTAK, December, 2011.
- 4) Analysis of peak particle velocity recorded at Underground mine roof generated by nearby surface blasting – A case study FRAGBLAST 10, November 2012, New Delhi

- 5) “Underground Coal Gasification : An Indian perspective”, World Coal May 2012.
- 6) “Slope stability : Mitigating risk in dragline dump slopes” presented in Seminar on “Slope Stabilisation Challenges in Infrastructure Projects” organized by Central Board of Irrigation and Power, New Delhi 20-21, October 2011.
- 7) “Augmentation of Indigenous Coking Coal availability by washing of LVMC coal of Jharia and East Bokaro Coalfields” – Journal of Coal Preparation Society of India.
- 8) “Effective utilization of beneficiated LVHR Coking coals and low rank Indian coals for BF coke making” – Minetech Jan-Mar 2011, Vol 32, Page 3-12.
- 9) Challenges & Opportunities for Underground Coal Mining in India (Key note address published in the Journal of Mines Metals & Fuels in March-April 2011)
- 10) “Resurgence of Coal Mining in Orissa – Prospects & Challenges ahead” July/Sept. -2010 (Volume 31, No. 3, Page 3 to 14) of Mine Tech.
- 11) Growth perspective of Coal Sector in India – Paper published in the Proceedings as well as presented during the 3rd Asian Mining Congress held during 22-25, January 2010 organised by MGMI, Kolkata.
- 12) “Towards efficient and safe Mining” published in the February 2010 issue of GIS Development magazine.
- 13) “Coal Mine Methane Demonstration Project at Moonidih : A Success story” – paper published in the Proceedings of 3rd Asian Mining Congress organized by MGMI at Kolkata in January 2010.
14. “Use of LVMC Coals in BF Coke making to improve availability of Indian Coking Coals” – Paper Published in Asian Mining Resurgence: Prospects & Challenges, MGMI, 2010 Vol II Page 259 to 267.
15. “Jharia Mine Fire : Challenges and Strategies” published in the Proceedings as well as presented in 9th International Mine Ventilation Congress” held at New Delhi during 10-13 November, 2009.
- 16) “The successful implementation of CBM Recovery & Utilisation Project by CMPDI/BCCL at Moonidih Mine” during 2nd CBM Annual Conference held at Singapore from 18-22 August, 2009.
- 17) “Coal Bed Methane: A Clean Energy Resource for Sustainable Development” – Paper published in Petroview, Volume-2, December 2008 (a quarterly journal of DGH) and presented at NITK, Suratkal.
- 18). “Coal Mine Methane Demonstration Project at Moonidih: A step forward towards development of CMM in India” – Proceedings of International Conference on Advanced Technology in Exploration and Exploitation of Minerals, February, 2009.

- 19). “Coal Exploration : Expanded requirement in India” – Paper published in the year 2008-09 in Journal of Mines, Metals & Fuels and Indian Journal of Power & River Valley Development and presented at International Conference on coal for power and steel – options for India.
- 20). “Coal Exploration of future UG mining in India” – in 2008-09 the Paper was presented at MGMI, Delhi Chapter.
- 21). Strategic Management for Coal Sector – at ISMU, Dhanbad on 2008-09.
- 22). Gainful utilization of washery rejects (Proceedings of 2nd Asian Mining Congress organized by MGMI, Vol. I, 2008, Page 87-92
- 23). Development of mechanized underground mining technology (Proceedings of 2nd Coal Summit organized by India Energy Forum, MGMI & Indian Coal Forum, 2007, Page 74-79).
- 24). A Retrospect of underground coal mining in India (Published in Minetech Vol 21, No. 2, March-April 2000).
- 25). Fire & Subsidence in Raniganj & Jharia Coalfield – A Review & Solution (Published in Minetech Vol 20, No. 6, November-December 1999).
- 26). Powered Support – Condition testing and Overhauling (Published in Minetech Vol 11, No. 4, July-August 1990).
- 27). Mechanization of roadway drivage with particular reference to Moonidih Project (IMMA Review, Vol. XXII, January 1983).
- 28). Experience with self-advancing supports at Moonidih Colliery (Published in Minetech Vol. 4, September 1980).
- 29). Training of operational people for mechanized Longwall mining (In Symposium on training of personnel for the mineral industry organized by MGMI, February 1980).
- 30). Scheme of Developing seams below water logged workings (Published in Journal of Mines, Metals & Fuels in January 1977).
- 31). Some comments concerning thick seam mining in Jharia Coalfield (In International Symposium on thick seam mining in Jharia Coalfield, ISM, 1977).