

Curriculum Vitae

Ref.	Name	Prof. M. P. Dikshit
1.	Date of Birth	01/02/1955
2.	Address: a) Present	Dept. of Mining Engineering, IIT Kharagpur, Dist.:Midnapur (West), W.B Pin: 721302
	b) Permanent	B -103, Abhinandan Apartment, Koyla Vihar, VIP Road, Kolkata – 700052, W.B
	c) Contact No.	9433002310 (M), 03222-283712 (O), 03222-283713 (R)
	d) E-mail ID	dikshit1955@gmail.com
3.	Qualifications/Education & Training	B. Tech (Mining), Indian School of Mines, 1 st Class First, Gold Medalist in ISM & Pickering Medalist from MGMI. Also received Best Student award amongst all the students in all the disciplines in the Institute.
		First Class Mine Manager's Certificate of Competency (Coal), Min of Labour, GOI
		Specialization course on "Coal Mining Strata Control and Subsidence" under Colombo plan in UK (Notts. University & British Coal's staff College)
		Specialization training course on "Coal Mining & Processing" in Australia (University of New South Wales)
		Corporate Management Training in Wharton Business School, USA
		Ph. D (Engineering), IEST, Shibpur, Howrah
4.	Experience	Served in various responsible capacities commanding Mining Operation in Indian Coal Mining Industry – Including Colliery Manager, Project Officer Addl. GM/GM, CGM, Director (Tech) and CMD in SECL – 39 years Served at Sr. Faculty position at IIT Kharagpur & continuing – <u>7 years</u> Total - 46years
5.	Some notable services extended for advanced u/g coal mining operation in the country	<p>a) Served as Manager and Project Officer/Agent of Jhanjra Project (ECL) since Incline drivage / shaft sinking till project implementation and successful operation of Powered Support Longwall (PSLW) equipment with record Longwall Output.....7 years. Now it is the highest capacity u/g mine (3.5MTA) in India.</p> <p>b) Served as project officer / Agent of Kottadih u/g project (ECL) for implementation of single lift high seam (4.50m) PSLW equipment first time in the country5 years.</p> <p>c) Worked as project officer/Agent, Sarpi u/g project (ECL) for project implementation right from Incline drivage to all associated activities for successful implementation of the project..... 4years Now it is one of the important u/g coal projects with continuous miner operation.</p> <p>d) Served as Dy. GM/Agent of Kumda group of mines in SECL with Powered Support Longwall equipment in SECL.</p> <p>e) While functioning as CGM, Baikunthpur Area (SECL) all with u/g mines in the Area, had significant growth and the area was reckoned as one of the best performers in the company (2006-07') with one mine (Churcha) came up as highest producing u/g mine in the country (2006-2007) by systematic improvement of u/g mining operations in the mines. The Area was rewarded for best performance in both A group mine and B group mines in SECL and also in CIL where the profitability was increased (Rs. 91 Crs) over 200% of that budgeted (Rs. 43.64 Crs).</p> <p>f) Implemented successfully short wall Mining for extraction of Bord Pillar developed workings at Balrampur mine, Bistrampur Area using Powered Supports in SECL while functioning as Director (Tech) & CMD in SECL. The mine came from red to green and the technology it was the first time in India.</p> <p>g) Planned for High Wall Mining at Sharda mine Sohagpuer Area (SECL) 1st time in the country while functioning as CMD of the company. It is with a technological success and entire Area became profitable from the least cost effective mining operation of the property which was neither viable by o/cast nor u/g mining.</p> <p>h) Implemented many o/c and u/g coal projects where all the u/g coal projects were with advanced technological practices (L/Wall, Short Wall, Continuous Miner (CM), High Wall, Blasting gallery, independent extraction of contiguous Coal Seam).</p>

6.	Publication	Published 50 technical papers in the field of Mining Engineering and Environmental Management with new technology adoption and problem solving spheres in different national/ international Journals / Seminars / Workshops /Institutes of repute.
7.	Honours/Awards Conferred	Many awards & honours were conferred during study/professional journey including ISM Gold Medal/Pickring Medal (MGMI), best students shield at ISM Dhanbad, Best Chief Executive, Project Implementation Award, Best Safety Performance, Gallantry Award in Republic day and other awards on Management, Outstanding Performance, Project Implementation (Coal Ministry), Best Safety Performance in Mega Mine Operation (from President of India), etc. for significant contribution while discharging official responsibility in Coal India Ltd.
8.	Specialization	Project Formulation, Planning & Operations of Advanced Technology & Large Capacity Underground Mining. Mine Safety Performance assessment/Auditing and suggesting measures for appropriate technology adoption/performance improvement etc. Registered Qualified Person (RQP) from Ministry of Coal, GOI for preparation of Mine plans and Environment Management Plans for Mines. Selection of site specific New Technology adoption in suitable locales in Mining Fields, Optimization of production performance, Geo-Technical Assessment, Stability Assessment/Solution for strata control an effective subsidence management, Control and Monitoring of Mine Fires, Mine Rescue and Recovery Works and Emergency Management Plan. Worked as captain in Several Mine Rescue and Recovery Operations during Emergency in mines and disaster control.
9.	Membership of Academic, Scientific and Professional Bodies	Members of many academic, professional and cultural / educational bodies like Institution of Engineers (India), MGMI, IMMA, ASCI-Hyderabad, Akhil Bharatiya Vivekanand Yuva Maha Mandal, Poet Nazrul Islam Foundation, Ramkrishna Mission Institute of Culture, Management studies at ISM, Dhanbad. Also functioned as member for assessment on impact of R&D on Mining operations & safety Performance with renowned scientists of the country in project from PMO. Formerly Member of Indo-European Working Group in Mining, Board of Mining Examination (DGMS, Min of Labour, GOI).
10.	Role played/Contribution	In the last 44 Years of professional career, many awards on production/productivity, Sate of The Art technology adoption, New Technology Adoption, Project Implementation, Underground Mega Project/operation & management have been awarded for his commendable performance and significant contribution in the underground mine development/mining operations in the country. Outstanding performance in new technology adoption, cultivation of engineering knowledge and technology both in academic and professional spheres, in safety engineering/performance improvement helped to pay active role in the progress of the country. The organization (SECL) was rated as best amongst CIL subsidiaries in successive 2 yrs (2008-09 & 09-10) when functioned as CMD. All the New Technology formulation, adoption & successful Implementation in Indian Coal Mining Industry (L/W, S/W, H/W, CM/LCCM-in u/g & Highest Capacity HEMM operation in OCM for Large Scale O/C & U/G Sustainable Technology Adoption) with technological success in the country. Presently functioning also as Adviser in M/s CBL at Kolkata (dealing New Technology Implementation in Underground Mining).
11.	Availability for Assignments	On contacts for services in planning, operation management and improvement in safety performance in Coal Mining Industry and in Research Work and improvement in operation performance of mines.
12.	Contribution in U/g Coal Mining	<u>Out of the 39 years of professional journey in coal mining industry around 30 years served in underground Mining and mostly in underground Mine development and also operation of Mega Underground Projects with all modern / advanced technological approach in Indian Coal Mining Industry. Long Wall, Short Wall, High Wall Mining made successful 1st time in the country with active and direct involvement in decision making position for operation.</u>

M. P. Dikshit

Date: 25.11.2020