Brief Biodata of Prof. D.C.Panigrahi

Prof. D. C. Panigrahi obtained his B. Tech in Mining Engineering in 1984 from Indian School of Mines, Dhanbad. Subsequently, he did his M. Tech in Mining Engineering in 1990, M. Tech in Industrial Engineering and Management in 1992 from Indian School of Mines, Dhanbad. He did his Ph. D in Mining Engineering from Indian School of Mines, Dhanbad in the year 1994. After graduating from Indian School of Mines, Dhanbad; he served as Assistant Manager in coal mines of Tata Iron and Steel Company Limited for a period of 3½ years, as Scientist in erstwhile Central Mining Research Institute, Dhanbad, a CSIR lab., for a period of 4½ years and subsequently joined as Assistant Professor in the Department of Mining Engineering, ISM, Dhanbad in 1992. In 1998 he was promoted to Professor in Mining Engineering. He was the Chairman, IIT Joint Entrance Examination during 2004-2007 from ISM, Dhanbad. He was Head, Department of Mining Engineering, Indian school of Mines, Dhanbad from 2007 to 2010. He took over as the Director, Indian school of Mines, Dhanbad on 9th September 2011.

He specializes in mine ventilation, mine fire control, coal bed methane and other areas related to underground mine environmental engineering. During his period of work, he has executed 11 major research projects as Project Leader and Coordinator, and submitted the reports as single/main author. He has published 129 research papers in the areas of mine ventilation, coal bed methane and sub-surface mine environmental engineering. He has edited a book containing 64 papers of reputed authors from 9 countries and the book has been published by A. A. Balkema, Rotterdam, Netherlands in 2001. He has edited his second book containing 100 papers from reputed authors of 14 countries and the book has been published by Science Publishers of USA in 2009. He has guided 12 students for their Ph. D degree and several students for their M.Tech degree in Mining Engineering. Presently he is guiding 07 students for their Ph. D degree in Mining Engineering. He has successfully executed more than 353 industry sponsored major projects as Project Leader and Coordinator for solving the real life problems of 51 different organizations and submitted the reports as single/first author. Prof. Panigrahi has designed the ventilation system for most of the complex coal, metal and also uranium mines of the country up to a depth of 1.2 km from the surface and remained associated with these companies for their implementation in the mines to accrue the benefit to the bottom line of these companies.

Prof Panigrahi is a Fellow of Indian National Academy of Engineering. He was also nominated as one of the 11 members of the International Mine Ventilation committee representing 11 leading mineral producing countries of the world in 1997, viz. USA, Canada, Australia, South Africa, UK, Germany, Japan, France, China and India. He was also elected as the Chairman of the same committee for the duration 2009-14. He has been an honorary member of International Bureau of Mining Thermophysics since 1997 and is a member of International Advisory Board for the Journal Archives of Mining Sciences published by Polish Academy of Sciences, Poland since 2002. He was invited to chair technical sessions in 7th & 10th International Mine Ventilation Congresses in Poland and South Africa. He has received the certificate of appreciation in recognition for contributions to India Education Abroad in 2014 from University of South Florida, USA.

Prof Panigrahi is already nominated by GOI as an Independent Director of Coal India Ltd., a Maharatna company under Ministry of Coal. He has been nominated as a member of Governing Body and General Body of National Institute of Rock Mechanics, Kolar Gold Fields, Karnataka; member of the Section 12 Committee under Mines Act constituted by Ministry of Labour and Employment, Govt. of India for formulating Rules and Regulations on safety and health in the Mining and Mineral Sector of the country; He is also a member of PERC (Project Evaluation and Review Committee) and SSAG (Standing Scientific Advisory Group) of Ministry of Mines, Govt. of India. He was a member of Governing Council of Association of Indian Universities, New Delhi; a member of Executive Council of Central University of Jharkhand under Ministry of Human Resource Development, Govt. of India; as a Chairman of Sectoral Innovation Council of Occupational Safety and Health of the Ministry of Labour and Employment under the National Innovation Council constituted by the Prime

Minister of India; as a member of Mentor Council for Mining and Mineral Sector of the country to bridge the burgeoning gap faced by the Indian economy under the Ministry of Labour and Employment, Govt. of India. He was also appointed as a member of the expert committee for studying the problems leading to a mine disaster in New Kenda Mine in 1994 in which 55 persons had died and he had also been chosen by the Ministry of Coal as a member of the Expert Committee for Anjan Hill Mine Disaster in 2010 in which 14 persons had died and 34 persons seriously injured.

For his significant contributions and distinguished services to the mining industry in India, he was conferred several reputed awards, viz.

1. National Mineral Award – 1998 by the Ministry of Mines and Minerals, Govt. of India.
2. Received Dr Rajendra Prasad Memorial Prize for the year 2016 of The Institution of Engineers (India) for research publication.
3. Dewan Bahadur D D Thacker Coal Mining (Gold) Medal for the year 2015-16 for his outstanding contribution in Coal Mining from Mining Geological and Metallurgical Institute of India.
4. Indian Mine Managers' Association Excellence Award 2015.
5. ISM Alumni Association Awards of the year 2013-14 and 2014-15 for receiving the highest funding through R&D and Industry Sponsored Projects (presented during the Convocation of Indian School of Mines, Dhanbad on 08th April, 2016).
6. SBI Best Researcher Awards of the year 2013-14 and 2014-15 for receiving the highest funding through R&D and Industry Sponsored Projects (presented during the Convocation of Indian School of Mines, Dhanbad on 08th April, 2016).
7. Canara Bank Research Publication Award 2015 for publications in SCI journals with highest cumulative Impact Factor during the year 2014 in Mining Engineering.
8. Prof S. K. Bose Memorial Award for the year 2013-14 for excellence in teaching in Mining Engineering by MGMI.
9. SBI Best Researcher Award of the year 2012-13 for receiving the highest funding through R&D and Industry Sponsored Projects (presented during the Convocation of Indian School of Mines, Dhanbad on 10th May, 2014 in the presence of the Honorable President of India).
10. State Bank of India (SBI) Best Researcher Award of the year 2011-12 for receiving the highest funding through R&D and Industry Sponsored Projects (presented during the Convocation of Indian School of Mines, Dhanbad on 23rd February, 2013).
11. Debadutta Memorial Best Academic Management Excellence Award for the year 2011-12 on 22nd May, 2012 during National Technology Day Celebration of the Indian Mineral Industry Journal at Bhubaneswar, Odisha.
12. Indian Mining Engineering Journal Golden Jubilee Award - 2012 for his contribution in the field of Mining Education & Research.
13. Eminent Mining Engineer award during 23rd National Convention of Mining Engineers at Kolkata in 2012.
14. National Design Award-2012 by National Design and Research Forum of Institution of Engineers(India).
15. Certificate of merit for the year 2004-05 by the Institutions of Engineers (India) for publication of a paper in the Journal of the Institution of Engineers (India).
16. ASPIRE recognition by Tata Steel Limited in 2005.
17. S.S.B. Memorial Award – 2005 by ISM, Dhanbad.
18. Gopabandhu Memorial Shield for securing 1st position of the University in Intermediate Science in 1979.