

## Annexure 1

### LIST OF PUBLICATIONS

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#### JOURNAL

1. Rizwan Reza, Manish Kumar Jain, Gurdeep Singh (2009), “ Impact of Mining Activities on Surface Water Quality in Angul – Talcher Region of Orissa, India ” in “Mining Engineer’s Journal” VOL.10 No. 11 June 2009. pp. 22-28.
2. Rizwan Reza, Manish Kumar Jain, Gurdeep Singh (2009) , “ Pre and Post Monsoon variation of heavy metals concentration in ground water of Angul- Talcher Region of Orissa, India” in an International Journal “ Nature and Science” ISSN: 1545-0740 Vol. 7 – No. – 6 , pp 52-56
3. Jain Manish Kumar, Sastry B.S., (2005) "Characterization of Some Indian Coal Combustion By-Products” in “Mining Engineer’s Journal” VOL.7 No. 5 December 2005. pp 9-14, 26.
4. Jain Manish Kumar, Saxena N.C., (2002)"Air Quality Assessment along Dhanbad - Jharia (Road ", in an International Journal "Environmental Monitoring and Assessment" Netherlands Vol. 79 Issue 3, November, 2002, pp- 239-250.

#### CONFERENCE

1. Jain Manish Kumar (2010) “Application of Fly Ash in Mining Industry – A Critical Review” at 3<sup>rd</sup> Asian Mining Congress, Kolkata, 22-25, January 2010, pp 231-242.
2. Singh Gurdeep, Paul B, Jain Manish Kumar, Raju E.V.R., Das Gupta Rajarshi (2010) “Development of Geo-Environmental Rationale for Cautionization of Coal Mines for obtaining Comprehensive Environmental Clearance: A case Study of BCCL Lease Hold Areas” at 3<sup>rd</sup> Asian Mining Congress, Kolkata, 22-25, January 2010, pp 189-194.
3. Arpita Das, Manish Kumar Jain, Gurdeep Singh (2009), “ Fly Ash Production and Utilisation: An Indian Perspective” in National Seminar on “Recent Trends in emerging Frontiers of Physical Sciences” organized by Sindari College and BIT Sindari, Nov 02-03, pp 240-249.
4. Jain Manish Kumar (2008) “ Mine Closure and Information System” at 19<sup>th</sup> National Convention of Mining Engineers & National Seminar on Disaster in Mines, organised by The Institution of Engineers (India) Dhanbad local chapter in association with Department of Mining Engineering, ISMU, Dhanbad, 10-11 March, 2008. pp 205-210.
5. Rizwan Reza, Manish Kumar Jain, Gurdeep Singh (2008) “Surface Water Quality of Talcher – Angul Area of Orissa” at Conference on Emerging Trends in Mining and Allied Industries, Organised by Department of Mining Engineering, NIT Rourkela, 2-3, February, 2008, pp-207-214.
6. Jain Manish Kumar, Sastry B.S., (2007)"Paste Flow Behaviour of Indian Coal Fly Ash And Sand Mixtures For Mine Void Fill– A Laboratory Scale Investigation, “ at 1<sup>st</sup> International Conferences on Managing the Social and Environmental Consequences of Coal Mining in India, organised by The Australian National University, Indian School of Mines University & University of New South Wales, Sydney at India International Centre, New Delhi, 19-21 November, 2007.pp-813-821
7. Jain Manish Kumar, (2007), “ Effect of polymer on settling behavior of some Indian fly ash” at “ National Seminar on Industrial waste Management” Department of Chemistry, NIT Rourkela, 13 January 2007.
8. Jain Manish Kumar, Sastry B.S., (2006)" Fly Ash Properties and its Application in Mining Industry – A Critical Review” at “International Symposium on Environmental Issues of Mineral Industry” VNIT, Nagpur, 11-15 January, 2006,pp 67-75.
9. Jain Manish Kumar, Sastry B.S., (2004) “Slurry Flow Behaviour of Fly Ash” Published in the Proceedings of International Conference on “Technology and Management for Sustainable Exploitation of Minerals and Natural resources” (TAMSEM 2004), Department of Mining Engineering, IIT Kharagpur, 5-7 February, 2004.pp 149-160.
10. Jade R. K., Sastry B. S., Jain M. K. , (2004) “Placer Heavy Mineral Mining - A Global Perspective” Published in the Proceedings of National workshop and seminar on “ Sustainable Development of Coastal placer Minerals” (PLACER-2004), Organized by National Institute of small Mines, Kolkata in collaboration with Central Mining Research Institute Dhanbad at New Delhi, 31 January – 02 February, 2004. pp 101.111

11. Jain Manish Kumar, Sastry B.S., (2003) "Settling Characteristics of Some Indian Fly Ash", Published in the Proceedings of, "3<sup>rd</sup> International Conference on Fly Ash Utilisation and Disposal" Vol. 1, 19-21 February, 2003, Central Board of Irrigation and Power (CBIP), New Delhi, PP II -34-40.
12. Jain Manish Kumar, Sastry B.S., (2003) " Properties of Some Indian Fly Ash Relating to Mine Fill Applications ", Published in the Proceedings of, " 'National Seminar on Status of Environmental management in Mining Industry - SEMMI-2003", 17 -18 January 2003, Institute of Technology, Banaras Hindu University, Varanasi , pp 305 - 314.
13. Jain Manish Kumar, Sastry B.S., (2001) "Fly Ash Status in India and its Utilisation in Mining", Published in the Proceedings of "National Seminar on Environmental Issues and Waste Management in Mining and Allied Industries" February 23-24, 2001, Regional Engineering College, Rourkela, Orissa, India pp 74 - 84.

**Annexure 2****DETAILS OF COURSES ATTENDED**

(SHORT TERM / CONFERENCES / SEMNIARS / WORKSHO / ORIENTAION PROGRAMME)

<b>S. No.</b>	<b>Detail of Courses</b>	<b>Institution &amp; Place</b>	<b>Period</b>	<b>Total duration (Days)</b>
1.	3 <sup>rd</sup> Asian Mining Congress	MGMI, Kolkata	January 22-25, 2010	3
2.	Environmental Issues in Mining Sector – Legal; and Statuary Requirements (As per MoEF Guidelines)	ESCI, Hyderabad	December 09-11, 2009	3
3.	National Workshop on Mining, Natural Resources and Livelihoods	By SPWD New Delhi at Ashok Nagar Ranchi	March 19-20, 2009	2
4.	Management of Energy Resources – Issues And Challenges (MERIC-2009)	ISMU Dhanbad	January 31-February 0, 2009	2
5.	National Seminar on Crushing, Screening & Conveying	ISMU Dhanbad	September 11-12, 2008	2
6.	19 <sup>th</sup> National Convention of Mining Engineers & National Seminar on Disaster in Mines	ISMU Dhanbad	March 10-11, 2008	2
7.	Conference on Emerging Trends in Mining and Allied Industries	NIT Rourkela	February 2-3, 2008	2
8.	1 <sup>st</sup> International Conferences on Managing the Social and Environmental Consequences of Coal Mining in India	IIC, New Delhi	November 19-21, 2007	3
9.	Workshop on Information Management in digital age	CSE, New Delhi	August, 21 – 24, 2007	4
10.	National Seminar on Industrial Waste Management	NIT Rourkela	January, 13, 2007	1
11.	Geo statistical Models in Grade Control	IIT Kharagpur	September 05-09, 2005	5
12.	National Seminar on Mineral Exploration Mining and Mineral Beneficiation: A Road map to vision 2020	MEAI & Anna univ. at CLRI Chennai	May 20-21, 2005	2
13.	Faculty Orientation Programme	Anna University, Chennai	May 3 – 5, 2005	3
14.	International Conference on Technology and Management for Sustainable Exploitation of Minerals and Natural resources	IIT Kharagpur	February 5-7, 2004	3
15.	National workshop and seminar on “ Sustainable Development of Coastal placer Minerals” (PLACER-2004)	NISM, Kolkata & CMRI Dhanbad at New Delhi	January 31 – February 02, 2004	3
16.	3 <sup>rd</sup> International Conference on Fly Ash Utilisation and Disposal” Central Board of Irrigation and Power	CBIP, New Delhi	February 19-21, 2003	3
17.	'National Seminar on Status of Environmental management in Mining Industry - SEMMI-2003	IT BHU Varanasi	January 17 -18, 2003	2
18.	RDBMS with Oracle and Java JDBC	IIT Kharagpur	June 18 – July 04, 2001	15
19.	Object Oriented Programming with C++ and JAVA	IIT Kharagpur	May 21 –June 06, 2001	15
20.	International Conference on Technology Management for Mining Processing and Environment (TMMPE-2000),	IIT Kharagpur	December 1-3, 2000	3