

<b>Name</b>	<b>Dr. Dheeraj Kumar</b>	
<b>Date of Birth</b>	<b>22<sup>nd</sup> January 1977</b>	
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<b>Marital Status</b>	<b>Married</b>	
<b>Present Employment</b>	Presently working as Assistant professor, Dept. of Mining Engineering, ISM Dhanbad, India	
<b>Responsibilities</b>	<b>Teaching:</b> Computer Applications in Mining, Surveying, Mine Environment II etc. <b>Administrative:</b> Tabulator, Treasurer (TMES), Warden (Emerald Hostel), Dept. Member (ISM Website committee, Library Committee) etc.	

### Academic

DEGREE	PASSING YEAR	% OF MARKS/ DIV.	REMARKS
Ph. D. I.I.T Kharagpur	2003	"A" grade in course work	Programming languages Theory & Practice, Society Science and Technology, Computer Applications, Finite Element Analysis, RDBMS with Oracle and FoxPro
M.Tech I.S.M Dhanbad	1999	4.31/5.00 (86%) 1st	Advance Mathematics, subject related to Design and planning of an Excavation system, Explosive Engineering, Geomechanics, Fragmentation Mechanics and Tunnel Engineering
B.E	1997	79.0% 1st	Rank in the University – 5 <sup>th</sup>
12th (I.Sc)	1993	77.4% 1st	Physics, Chem., Math, English, etc

### Experience: 7 years

- Four years experience as System administrator and teaching experience to final year undergraduate and post graduate students at IIT Kharagpur
- One year and two months as Head, Education & IT, Indian Institute for Production Management, Larsen & Toubro, Kansbahal: Teaching Postgraduate students –Operation & Production Management, Computer application in Manufacturing.
- One year and 2 months experience as Assistant Professor, IBAT School of Management, KIIT Deemed University Bhubaneswar. **Rated 3.90 out of 4.00 by the PGP students in their feedback which is the maximum than any other faculties.** **Teaching:** Subjects like Introduction to Computers, Computer Applications to Business, Microsoft Project Management, Networking & Communication, Information System & Technology, Web Technology, Operation Research etc. **Administrative :** Chairman – Admissions; Member – Doctoral, LIS and Placement committee, Head– Documentation Cell & IBAT website developer's team
- One and half years of experience as Sr. lecturer, Dept. of Mining Engineering, ISM Dhanbad

## **Awards / honors**

- ❖ Selected as "Meritorious Scholar" for involving into academic activity at IIT Kharagpur, in consecutive three years i.e. during 2000–2001, 2001–2002 and 2002–2003
- ❖ Recipient of the "CSIR Foreign travel Grant" for sponsoring me to present key note paper in the international conference at SHENYANG, P. R. China
- ❖ Recipient of the "Hindustan Zinc Limited Award" by the Institution of Engineers (INDIA) for the best technical research paper

## **Projects/Consultancy/ Training Programmes**

- Five short term academic projects on IT area was handled by me during year 1999 - 2003
- One project sponsored by ISIRD in the area of Mining as a capacity of Co -coordinator during 1999 - 2001
- One consultancy project sponsored by IISCO, SAIL in the area of Mine Surveying as a capacity of Consultant In-charge during 2006-07
- One consultancy project sponsored by FACOR in the area of Blast Vibration Studies as a capacity of Consultant In-charge during 2006-07
- Conducted several short term training programmes on Information technology for different organizations at IIPM, Kansbahal during year 2003 - 2004.
- Working a Co-Coordinator in the project "Development of a setup for stress measurement in Concrete tunnel lining dam walls and pillars sponsored by Ministry of Water Resources, GOI
- Working a Co-Coordinator in the project "Development of Mine Information Systems" sponsored by MHRD
- Working as member in various Consultancy Projects at Dept. of Mining Engineering, and associated departments at ISM in the area of Blast Design, Ventilation and Surveying.
- Course co-coordinator of Six week intensive course on Advances in Mine Surveying Technology from February 12 to March 24<sup>th</sup>, 2007
- Course co-coordinator 4 -Week Course for Executives Trainees of NTPC

## **Organizing Seminar/Symposium/ Workshop**

- Convener of the All India Conference on "Maintenance & Reliability, Organized by IIPM in coordination with L & T, Indian Oil Corporation Ltd. and NHPC during 28-29 Nov. 2003 at The Oberai hotel, New Delhi
- Co- Convener of the National Management Convention on "Future Organization: Strategizing Business", Organized by IBAT, KIIT Deemed University during 06-07 Feb. 2005 at IBAT, Bhubaneswar
- Co- Convener of the National Conference on "Underground Metal Mining: Status and Prospects", Organized by Dept. of Mining engineering, ISM Dhanbad, during 13-14 Feb. 2006 at ISM, Dhanbad
- Co- Convener of the Indian Conference on "Mine Surveying", organized by Dept. of Mining Engineering, ISM Dhanbad, during 07-08 Sept. 2006 at ISM, Dhanbad
- Co- Convener of the International mine ventilation congress to be held in the year 2009 at ISM Dhanbad.
- Organizing Committee members of 4 other conferences organized at ISM

## **Publications: Total 30**

### **Journals**

**International refereed Journals: 3**

**National refereed Journals: 4**

### **Conference/seminar/symposium**

**International Conference (abroad): 6**

**International Conference (India): 5**

**National Conference (India): 12**

**Books (Edited): 3**

### **Short Term Courses**

- QIP Short term course on Geostatistics and its Application, April, 2000
- Short term course in Information Technology in Mining, March 2001
- 2<sup>nd</sup> Short term course in Information Technology in Mining, September, 2001
- Short term course on Mines safety and Legislation, June, 2002
- Short term course on GIS, GPS and Remote Sensing application, December, 2002
- Short term course in Mine closure and management, Feb, 2002
- Application of virtual reality in mineral industry, Sponsored by AICTE, from 31<sup>st</sup> Jan 04 – 5<sup>th</sup> Feb 05 at Indian Institute of technology Kharagpur
- Taken several classes in short term courses on Tunneling and Mechanical Cutting, Sponsored by NTPC, organized by Dept of Mining Engineering, ISM Dhanbad in September 2005.

Place: ISM

Date: 12 December 2006

(Dheeraj Kumar)