



1. Name : Dr. Mobin Ahmad
2. Date of Birth : 15.01.1961
3. Current Position and Address : Scientist, Gr. – IV(2)  
(with E-mail & Phone no.) Environmental Assessment & Remediation  
CSIR-Central Institute of Mining & Fuel Research, Barwa Road  
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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
I	Ph.D.	1993	Banaras Hindu University	Geology- Mining Environment
II	M. Sc.	1986	Banaras Hindu University	Geology
III	B. Sc. (Hons),	1982	Banaras Hindu University	Botany, Geology, Chemistry

5. Work experience

Designation	Institution/company	From	To	Nature of work	
I	Research Fellow	Central Mining Research Institute, Dhanbad, India	1993	09.05.1995	
II	Scientist	Central Mining Research Institute, Dhanbad, India	10.05.1995	Till date	

6. Area of specialization : EIA/EMP, Ground Water & Hydrology, Geo-hydrology, Landuse, Mine Plan.

7. Honors/Awards received : **Not Applicable**

8. Fellowships/Scholarships : Research Fellow, Central Mining Research Institute, Dhanbad

9. No. of Research Publications : 71
- Papers in journals : 22
  - In conference proceedings : 49
  - Invited/key-note addresses :
  - List of best 05 publications : Given Below :

- i. **Ahmad, M.**, Dora Lata S., Chakraborty, M.K., Arya, P. K. and Gupta Asha (2007) "Hydrological Study of Limestone Mining Area, Vijayraghovgarh, Katni, Madhya Pradesh" *Indian Journal of Environmental Protection, Volume – 27, Number 11, November 2007, pp 980 - 986.*
- ii. Chakraborty, M.K., **Ahmad, M.**, Singh, R.S., Pal, D., Bandopadhyay, C and Chaulya, S.K. (2002) "Determination of Emission Rate from Various Opencast Mining Operation." *Environmental Modelling & Software, 2002; Elsevier.*

- iii. Chaulya, S.K., Chakraborty, M.K., **Ahmad, M.**, Singh, R.S., Bandopadhyay, C, Mondal, G.C. and Pal, D. (2002) "Development of Empirical Formulae to Determine Emission Rate from Various Opencast Coal Mining Operations." *Water, Air and Soil Pollution*, 140: 21-25, 2002.
- iv. Chaulya, S.K., Chakraborty, M.K., **Ahmad, M.**, Singh, R.S., Bandopadhyay, C. and Mondal, G.C. (2001). "Validation of Two Air Quality Models for Indian Mining Conditions." *Int. Jr. of Environmental Monitoring and Assessment*.
- v. Chaulya, S.K., Chakraborty, M.K., **Ahmad, M.**, Singh, K.K.K., Singh, R.S., Tewary, B.K. and Gupta, P.K. (2000). "Water Resource Accounting for an Iron Ore Mining Area in India." *International Journal of Geosciences, Environmental Geology*, Vol. 39, No. 11, September 2000.

10. Number of Books authored/edited: Not Applicable

11. (a) No. of Patents granted/applied for: Not Applicable  
(b) Technologies developed, Licensed and/or commercialized:

12. Foreign visits : Not Applicable

13. Details of Professional memberships:

- Mining, Geological and Metallurgical Institute of India;
- International Society of Hydro-geologists;
- Computer Society of India;
- Current Science;
- International Society of Tropical Ecology

14 . Major contributions: ( Max. 150 words)

Working on various National Mission Environmental Projects sponsored by Ministry of Environment and Forests, Ministry of Coal, Ministry of Rural Development and Employment, Government of India, Council of Scientific and Industrial Research and industry sponsored projects for the last sixteen years service at Central Mining Research Institute, Dhanbad in the field of mining environment. He has worked in more than 90 projects, sponsored by various central and state governments, including public and private sectors. Published more than 70 papers in international and national journals, seminars, symposia and workshops. He has attended four major training courses, namely, a) ISO 9000; b) GIS and Remote Sensing Courses; c) Environmental Management Courses; and d) Training on Atmospheric Modeling (CERN Workshop). He is also working in World Bank Aided Project entitled "Environmental Management Capacity Building-Mining Sub-Component" for formulation of guidelines for EIA/EMP appraisal, compliance mechanisms and reclamation of abandoned mining area.

15. Technologies and Products/ Services : Not Applicable

- (i) Developed:
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed: Not Applicable

17. Honours and awards won for technological contributions or sociological impact of R&D:  
Not Applicable



Signature