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1. Name: Dr.(Mrs.) Bably Prasad

2. Date of Birth: 05/08/1962

3. Current Position and Address: Dr(Mrs) Bably Prasad
(With E-mail & Phone no.) Principal Scientist & Associate Professor -AcSIR
Environmental Assessment & Remediation
CSIR- Central Institute of Mining and Fuel Research
Barwa Road, Dhanbad-826015, Jharkhand, India
Phone- 0326-2296027 ext- 4392 (O), 0326-2200072 (R)
Mobile- 09431122060

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
I	Ph.D	1992	Indian School of Mines Dhanbad	Environmental Sciences
II	M.Sc	1981	Jabalpur University	Chemistry
III	B.Sc	1979	Jabalpur University	Chemistry, Botany, Zoology

5. Work experience

Designation	Institution/company	From	To	Nature of work
I Principal Scientist	CIMFR	Oct 2008	Continue	Research work
II Scientist E1	CIMFR	Oct 2004	Oct 2008	Research work
III Scientist C	CMRI	Oct 2000	Oct 2004	Research work
IV Scientist B	CMRI	Oct 1995	Oct 2000	Research work

6. Area of specialization: Water Pollution and Fly ash Utilisation

7. Honors/Awards received:

- Secured 7th Position in the order of merit in M.Sc. (Chemistry) examination, 1981 (declared by Jabalpur University).
- Awarded as one of the **Internal Auditor** of Central Mining Research Institute for implementation of ISO: 9001.
- Have been awarded Commonwealth Academic Staff Fellowship in Environmental Sciences that was tenable at University of Leeds, United Kingdom from Oct 2008 to March 2009. Commonwealth Commission, UK, has given the award.
- Deputed to POLAND Under CSIR-PAS bilateral exchange programme on fly ash disposal and management in the year 1999
- Received International Training at University of New South Wales, Sydney, AUSTRALIA, June 2004, on Environmental Management and Capacity Building Technical Assistance project for non-coal mining sector, Sponsored by Ministry of Environment and Forest, New Delhi.

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8. Fellowships/Scholarships:

- Have been awarded Senior Research Fellowship from Council of Scientific & Industrial Research, New Delhi, in the year 1989.
- Have been awarded Research Associate ship from Council of Scientific & Industrial Research, New Delhi in the year 1993.

9. No. of Research Publications:

- Papers in journals: 42
 - In conference proceedings: 50
 - Invited/key-note addresses: 2
 - List of best 05 publications:
1. B.Prasad and G.Singh; Removal of ammonia from coke-plant wastewater using synthetic zeolite. *Water Environment Research (USA)*, Vol.69, No.2, and pp.157-161, (March/April, 1997).
 2. B.Prasad and J.M. Bose; Evaluation of Heavy Metal Pollution Index for Surface and Spring Water near Lime Stone Mining Area of Lower Himalayas; *Environmental Geology (USA)*, vol.41, no 1/2, November'2001 pp 183-188.
 3. Bably Prasad and Kajal Kr. Mondal; The impact of filling an abandoned open cast mine with fly ash on ground water quality: a case study. *Mine Water and the Environment*, Springer-Verlag publication, United Kingdom, Vol.27, No.1, March 2008. pp 40-45.
 4. Bably Prasad and Robert G.J. Mortimer; Treatment of Acid Mine Drainage Using Fly ash Zeolite. *Water Air and Soil Pollution*. 2011, 218:667-679. Springer-Verlag, Netherlands.
 5. Bably Prasad, Sudip Maity, Sangita Kumari, Robert J.G. Mortimer; Synthesis and Characterisation of Zeolite Prepared from Coal Ash by Hydrothermal Process. *Environmental Technology*, Taylor & Francis, United Kingdom. Vol. 33, No.1, January 2012, 37-50.

10. Number of Books authored/edited:

11. (a) No. of Patents granted/applied for:

(b) Technologies developed, Licensed and/or commercialized:

12. Foreign visits:

- Deputed to **POLAND** Under CSIR-PAS bilateral exchange programme on fly ash disposal and management in the year 1999
- Have got International Training at **University of New South Wales, Sydney, AUSTRALIA**, June 2004, on Environmental Management and Capacity Building Technical Assistance project for non-coal mining sector, Sponsored by Ministry of Environment and Forest, New Delhi.
- Have been awarded **Commonwealth Academic Staff Fellowship** in Environmental Sciences that was tenable at **University of Leeds, United Kingdom** from Oct 2008 to March 2009. Commonwealth Commission, UK, has given the award.

13. Details of Professional memberships:

- Member of Mining Geological and Metallurgical Institute of India.
- Life Member of Indian Institute of Mineral Engineers

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14. Major contributions: (Max. 150 words)

More than 27 years research experience in the field of Environmental Sciences and Technology. Research specialisation in the field of environmental pollution studies in the coal mining and allied industries. Study of conversion of waste into useful material. Fly ash has been converted into useful zeolitic mineral. Fly ash zeolite is used as permeable reactive barrier to protect the ground water of fly ash filled mines. Fly ash has been studied for leaching characteristics to know its environmental suitability as mine fill material. Water pollution studies in surface and ground water with evaluation of water quality indices is one research area. Evaluation of heavy metal pollution index for ground water of townships near mining areas has also been carried out. Treatment of acid mine drainage using low cost material has successfully completed. Eco restoration of fly ash filled mines is one of the recent research work.

15. Technologies and Products/ Services

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

16. Designs and Prototype Developed:

17. Honours and awards won for technological contributions or sociological impact of R&D:

Signature