



1. Name: Dr. B. Prabhakar

2. Date of Birth: 02/07/1958

3. Current Position and Address: Senior Principal Scientist
(with E-mail & Phone no.) CSIR - CIMFR, Regional Center, Nagpur Unit – I
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4. Educational qualifications: (Graduation and above):

S. No.	Degree/Certificate	Year of Passing	University/Institute	Subjects
1.	B.Sc.	1979	Magadh	Physics, Chemistry & Mathematics
2.	M.Sc.	1982	Patna	Mathematics
3.	Ph.D.	1997	Nagpur	Development of Mathematical & Numerical approaches for underground openings.

5. Work experience: 33 Years.

6. Area of specialization: Rock Mechanics, Tunneling, Blasting & Productivity.
(Administration also)

7. Honors/Awards received: Ph.D. from Nagpur University.

8. Fellowships/Scholarships: Nil.

9. No. of Research Publications:

(I). Papers in journals:

- An application of numerical methods along with a case study of Maneri Bhali stage - II tunnel, published in Newsletter of CBIP of the International Society for Rock Mechanics – (1999).
- Assessment of Tunnel Stability by convergence confinement method. The Journal of Mines, Metals & Fuels, Calcutta – (1994).
- Pressures & deformations for underground openings. Published in the Indian Mining & Engineering Journal, April - (1990)

(II). In conference proceedings:

- Numerical approaches along with a case study. Proceeding of Tunnelling Asia – (2000).
- Stresses for underground openings. Proceedings of Indian Geotechnical Conference, Bombay – (1991).

(III). Invited/key-note addresses: Nil.

(IV). List of best 05 publications: Given with details.

10. Number of Books authored/edited: Nil.

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

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

12. Foreign visits: Nil.

13. Details of Professional memberships: Life member of I.G~S. - LM - 0784.

14. Major contributions: (Max.150 words)

- As a Senior most scientist, I worked as officiating Scientist - in - Charge in the absence of actual Scientist - in - Charge to run the center and decision making always.
- A part of scientific works, I looked after financial responsibilities in controlling of office expenditure and fund also. I worked as regular cheque signatory of outgoing office cheques because I was officially appointed in - charge of administration and one of my signature is necessary.
- I mostly remained at center and looked after entire office responsibilities to run the center and maintaining day to day - office expenditures and sanctions also.
- Due to Senior most Scientist of the Center, SIC periodically informed me to look after office and its responsibilities whenever he went outside also.
- Because I was appointed as **office - in - charge of administration** of unit - I by head office Dhanbad, so I had to sign each paper of unit - I for payment and sanction of fund also. And without my signature no paper will be approved for the payment. This responsibility caused me to live in office mostly.

15. Technologies and Products/ Services: Nil.

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

16. Designs and Prototype Developed: Nil.

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

A. Sociological Impact of R&D

Mostly due to remaining in office, I have been evolving in knowledge generation, knowledge development or knowledge management, and I personally elaborated and diversified in **Area of HRD** that will impact of R&D as sociological development:-

"To change the world you need to perceive it in a different light. We limit our potential as a human beings by our limited belief system which supports our thinking patterns (past) which is in turn creates our attitudes. Thus, if our belief system is positive and profound, our thoughts will be positive and big and in turn our attitudes will be positive and constructive. Because the world awaits your contribution to make our world a better place. To make use of the full brilliance of our minds, we must discover and dedicate ourselves to something bigger and grandeur than ourselves, a cause that motivates us to rise above ourselves and stretch to our full potential."


9/6/16
Signature