

1. Name: BIMAL KANT JHA

2. Date of Birth: 01.01.1957

3. Current Position and Address: Sr. Technician II (2), bkjha09@gmail.com
(With E-mail & Phone No.) Mobile no. 09860183449, 09075830388

4. Educational qualifications: (Graduation and above):

S. No.	Degree/Certificate	Year of passing	University/ Institution	Subjects
1	Diploma in mining Engineering (CSIR-CIMFR Sponsored candidate)	2003	Bombay Technical Board(M.S) Nagpur polytechnic Nagpur	Mine surveying, Method of working Mine Ventilation Etc.
2	P.G. Diploma (CSIR-CIMFR Sponsored Candidate)	1986	Delhi Institute Of Management and Service (DIMS) New Delhi	Computer Programming
3.	Graduation Certificate Course (CSIR-CIMFR Sponsored)	1986	Datametrix Corporation new Delhi	Data Entry, IBM Key Punching and Verification
4.	B.A. (Psychology Honors)	1977	Psychology	L.N. Mithila University, Darbhanga (Bihar)

5. Work experience: (i) R& D Experience

(A) IN HOUSE R&D AS PROJECT LEADER

(a) Societal Mission Programs:-

6. Area of specialization:

(i) Eco-friendly Garbage Loader

(ii) Life Safety Device for Two – wheeler Motorized Vehicle

(iii) Air Pollution Absorber Phase-1, Phase-2

(iv) Waterol

(b) Mining Activities:-

(i) Design of Retractive Bolt

(ii) Retractable Borehole Extensometer

(iii) Electro - Mech. Borehole Extensometer (Patent sold to PMT Jaunpur)

(iv) Digital Tape Extensometer (Patent sold to PMT Jaunpur)

(v) Non Combustible Spacer (under pipe line)

(vi) Blast mate.

(vii) Development of Screw Prop(patented)

(viii) Plugging System Of Borehole (under pipe line)

(ix) Child Rescuer from Borehole (under Pipeline)

(x) Development of Electromechanical PALM (Patented)

7. Honors/Awards received:

- Citation by **Director – General (CSIR), New Delhi on Development of Life Safety Device for Two – wheeler Motorized Vehicle and Eco – friendly Garbage Loader.**
- **Cash prize of Rs. 500/-** and a **citation** on developing Eco – friendly Waste Loading System given by the Director, CMRI.
- **Cash prize of Rs. 1000/-** and a **citation** on developing Life Safety Device given by the Director, CMRI.
- Citation by Health Officer, Nagpur Municipal Corporation on developing of **Eco – friendly Garbage Loader.**
- Citation by Police Commissioner, Nagpur on developing **Life Safety Device** for Two – wheeler Motorized Vehicles.

- **Television program** was relayed by Bombay Doordarshan, India on 27/05/1994 covering **Eco – friendly Garbage Loader** and various activities of Central Mining Research Institute, Dhanbad and its Regional Center at Nagpur.
- **(a). T.V. Coverage** on live demonstration of the Life Safety Device at New Delhi on April 10, 1995 was extensively covered in all the three evening News Bulletin from Doordarshan on the same day.
- **(b).** A special coverage at 07:25 hours was beamed from DD2 in its **FIRST EDITION PROGRAMME** on June 19, 1995.
- The development of Life Safety Device and Eco – Friendly Garbage Loader was extensively covered press through all the leading National Newspapers.

8. Fellowships/Scholarships: Nil.

9. No. of Research Publications: Two as First Author and Three as Co – Author.

- Papers in journals: Nil.
- In conference proceedings: Two Papers as Co – Author.
- Invited/key-note addresses: Nil.
- List of best 05 publications: Nil.

10. Number of Books authored/edited: Nil.

11. (a) No. and details of Patents granted/applied for: 7 Patents Granted and 5 Patents Filed.

(b) Technologies developed, Licensed and/or commercialized: 3 Patents Commercialized
9 Patents Developed

12. Foreign visits: Nil.

13. Details of Professional memberships: Nil.

14. Major contributions: (Max.150 words)

R&D Experience:

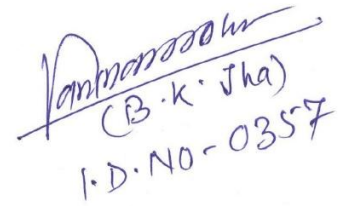
- 4 in societal Mission Programs
- 9 in Mining Activities.
- 2 in World Bank Added Projects.
- 4 in Major Irrigation Projects.
- 12 in Major Hydroelectric Projects.
- 8 in Coal Mining Projects.
- 7 in Metal Mining Projects.
- 1 in Thermal Power Project.
- 2 in HPCL – design of underground crude oil storage, Bombay.
- 4 in miscellaneous Tunnels, slope stabilities.
- 1 GAP Project INCRMTT 1996 – 97.

15. Technologies and Products/ Services

- (i) Developed: 9 Patents.
- (ii) Licensed: 3 Patents.
- (iii) Commercialized: 3 Patents.

16. Designs and Prototype Developed: - (1). Life Safety Device for Two – wheeler Motorized Vehicle.
(2). Waste Garbage Loading System.

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


(B.K. Jha)
I.D. NO - 0357

Signature