

1. Name : Mr. Manoranjan Kumar Verma
2. Date of Birth : 01-02-1978
3. Current Position and Address : Technical Officer, NCV, MFG & Metallurgy , CSIR-CIMFR (HQ), Barba Road, Dhanbad-826015.
(with E-mail & Phone no.)
Near Laxni Niwas, Gali No.-6,
Jaiprakash Nagar, Bartand,
Dhanbad - 826001.
E-mail: ymanoranjan51@yahoo.com,
Pone No.: 09835134282.



3. Educational qualifications: (Graduation and above)

| Sl. No. | Degree/ Certificate | Year of Passing | University/ Institute | Subjects |
|---------|---------------------|-----------------|---|------------|
| i. | Diploma | 1998 | State Board of Technical Education, BIHAR | Metallurgy |

5. Work experience

| Sl. No. | Designation | Institution / company | From | To | Nature of work |
|---------|---------------|-----------------------|------------|------------|--|
| 1. | Group III(I) | CSIR-CIMFR, DHANBAD | 19-07-2002 | 19-07-2007 | <ul style="list-style-type: none"> Routine test of metallurgical aspect of wire rope & Cage suspension gear and other mining and allied industrial equipment/ component for quality control as per IS standard. Failure analysis of wire rope. |
| 2. | Group III (2) | CSIR-CIMFR, DHANBAD | 19-07-2007 | 19-07-2010 | -DO- |
| 3. | Group III(3) | CSIR-CIMFR, DHANBAD | 19-07-2010 | Till date | -DO- |

6. Area of specialization : Wire rope and Cage suspension gear

7. Honors/Awards received : NIL

8. Fellowships/Scholarships : NIL

9. No. of Research Publications : NIL

- Papers in journals : 4
- In conference proceedings : 1
- Invited/key-note addresses :
- List of best 05 publications :

10. Number of Books authored/edited:

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

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

12. Foreign visits:

13. Details of Professional memberships:

14. Major contributions :(Max. 150 words)

- Design and fabrication of suitable heating device for 1.5m long pressure tube and calandria tube (PT-CT) deformation study under simulated heating condition
- Analysis of the condition of different mining appliances used in mining for their safe operation time to time which in turns reduce the accidental hazards in mining.
- Failure analysis of wire ropes which will enable to explain the various causes of failures which can be either due to manufacturing defects or defects occurs during its operation at the industry. This will improved the safety in mines.
- Assisting in modernization of CIMFR Metallurgical Lab.

15. Technologies and Products/ Services

(vi) Developed:

(vii) Licensed:

(viii) Commercialized:

16. Designs and Prototype Developed:

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

Signature