

Brief Bio-data

1. Name : Naresh Kumar
2. Date of Birth : 01/08/1972
3. Current Position and Address : STO (2) - Senior Technical Officer (2),
(Include Email ID and Contact Number) MMTD, CSIR-Central Institute of Mining & Fuel
Research, Barwa Road, Dhanbad-826 001 (Jharkhand)
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Email: nareshkr@cimfr.nic.in, ncfri@rediffmail.com,
4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1.	Diploma in Electronics Engineering	1994	Govt. Polytechnic Kashipur, Nainital, (UP) BTE, UP	AVS System, Television Engg., Communication Engg, Electronics Instruments and Measurement, Microprocessor, IMS Engg., EDP

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
JTA - Junior Technical Assistant, Gr. III(1) to Technical Officer, Gr. III(4)	CSIR-CIMFR, Digwadih Campus, Dhanbad (Erstwhile CSIR-CFRI)	31.10.1995	31.10.2017	(1) Servicing/maintenance of Electrical & Electronics Instrument of office lab. (2) Telephone Services to office CSIR-CIMFR Digwadih, Maintenance of EPABX Systems, Telephones & Lines maintenance, 3. Test, Measurement and Calibrations of laboratory equipment. 4. Services to office related Audio Video and Multimedia Systems and PA system.
STO (2) - Senior Technical Officer (2)	CSIR-CIMFR, Barwa Road Campus, Dhanbad	31.10.2017	Contd ...	(1) (a) Setting up of Electronics & IT Products Safety Testing Laboratory (EISTL) at CSIR-CIMFR, Dhanbad as per NABL and BIS norms. (b) Safety Testing & certifications as per NABL/BIS guidelines of electronics & IT products related household and industrial equipments. 2. PPTD; - Products Process and Technological Deptment. 3. MMATD: Mine Mechanization and Automation Technological Department 4. Intellegent Mining Department

6. Work Area(s)/ Specialization:

1. Safety Testing and certifications of Electronics and IT Products related to household and industrial equipments as per IS/IEC Standard and NABL/BIS norms, etc.
2. Telephonic services with ISDN (PRI-BRI features) to office/laboratory and maintenance of EPABX Systems. Telephones and lines maintenance work, etc. at CSIR-CIMFR, Digwadih Campus with various facilities and features
3. Testing, Measuring and Calibration of office/ laboratory equipment related Mass, Pressure, Temperature, Density, Timer and Electrical equipment.

4. Installations/maintenance related works of FCTPP- Fine Coal Treatment Plant with equipped PLC based system at CSIR-CIMFR, Digwadih
5. Installations/maintenance works of PFBG Plant- Pressurized Fluidized Bed Gas Reactors Plant with equipped SCADA based system at CSIR-CIMFR, Digwadih
6. Installations/operation/testing works of Setting up of Safety Testing Laboratory for Electronics and IT Products recognition with NABL/BIS.
7. Installation/procurement/training works of Setting up of Information Facilitation Centre for Empowering Living in Rural area of Jharkhand.

7. Major contributions: (Max. 100 words):

1. Procurements/Installations/testing/certification related works of Setting-up of Safety Testing Laboratory for Electronics and IT Products. The laboratory recognized with NABL and BIS certification and the laboratory is facilitated to safety test of various products related household and industrial equipment.
2. Procurement/Installation/training works of Setting-up of Information and Facilitation Centre for Empowering Living of Schedule Caste in Jharkhand State. The Facilitation Centre offered to various facilities to rural society: - IT based facilitation centre, Skill development / training, Employment, Soil and testing, Promotion to local culture, Rural product marketing, etc.
3. Installation related work of Vision Enhancement System for Foggy weather at NMDC, Bachel Iron ore mines at Dantewara, Chhattigarh.
4. Installation related work of Mines Transport Surveillance Systems at NMDC Iron ore mines at Donimali, Karnataka.
5. Safety and Performance Test of Tele-Monitoring Systems.
6. Coal Sampling related works "Quality assurance monitoring of TPS-Third Party Coal Sampling".

8. No. of Research Publications:

- Papers in Journals: 01
- In conference proceedings: 01
- Invited lectures delivered:
- List of best 05 publications
- Books/Chapters authored/edited

9. List of 5 Major Contract R&D Projects:

- I. Setting-up of Safety Testing Laboratory for Electronics and IT Products.
- II. Development of Digital Mine using Internet of things
- III. Development of Vision Enhancement System for Foggy weather.
- IV. Setting-up of Information and Facilitation Centre for Empowering Living of Schedule Caste in Jharkhand State.

10. (a) Name of Patents/Copyrights applied /granted/commercialized:

(Patents):

- I. Biometric Exploder
- II. Intelligent Dust separation System for Mining Applications
- III. Automatic Head Lamp Dimming Device
- IV. Digital Mine Using Internet of Things
- V. Multipurpose solar utility system

(b) Technologies/Products /knowhow/Services developed: NIL

11. Honors/Awards/Recognitions/Fellowships/Scholarships/Professional Memberships received: NIL

12. Societal Contributions:

An IT and IoT based online training course successfully conducted under the "Jigyasa" from 27th January to 23rd February 2021. In which 230 students from standard six to under graduation participated.