

1. Name : Mrs. Mousumi Mallick
2. Date of Birth : 19-11-1981
3. Current Position and Address : Scientist, CSIR-CIMFR (HQ), Barwa Road, Dhanbad – 826015.



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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
i.	B.E	2004	N.I.T, Durgapur (DU)	Metallurgy
ii.	MBA	2007	ICFAI, Kolkata	Finance & IT

5. Work experience

Sl. No.	Designation	Institution/comp any	From	To	Nature of work
1	SCIENTIST	CSIR-CIMFR, DHANBAD	10 TH JANUARY 2011	TILL DATE	METALLURGICAL PROPERTY EVALUATION AND FAILURE ANALYSIS OF MINING EQUIPMENT USED IN UNDERGROUND MINES, R & D RELATED TO DISASTER MANAGEENT, CORROSION OF WIRE ROPE
2	Jr. SCIENTIST	CSIR-CIMFR, DHANBAD	31 AUGUST 2009	9 TH JANUARY 2011	-DO-
3	SCIENTIST -B	CSIR-NCL, PUNE	10 TH JANUARY 2008	28 TH AUGUST 2009	TECHNOLOGY ATTACTIONESS ASSESSMENT, VALUATION AND COMMERCIALIZATION,BUSINESS PLANNING
4	TAX ANALYST	ERNST & YOUNG, BANGALORE	SEPTEMBER 2007	JANUARY 2008	PREPARING US TAX RETURNS

6. Area of specialization : Metallurgy

7. Honors/Awards received : Won third prize, "Hindi Kabita lekhan & path" CSIR-CIMFR, 2009.

Won first prize, "Hunt for Bill Gates", Confluence-2006, ICFAI National College, Kolkata, 2006.

Awarded Bhavishya Jyoti Scholarship, NIIT, Durgapur, 2005.

Awarded Merit Award for 12th Std. Exam Results, Bidhan Chandra Institution for Girls, Durgapur, 2000.

8. Fellowships/Scholarships : -

9. No. of Research Publications :

- 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: Associate member of "Institute of Engineers"

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 laboratory by procuring latest technology equipment which will help in details and critical analysis in short time. And maintenance of Mine Fire Model Gallery which has online telemonitoring facility.
- Assisted in establishing a technology business incubator (a spin off from NCL).

15. Technologies and Products/ Services

(iii) Developed:

(iv) Licensed:

(v) Commercialized:

16. Designs and Prototype Developed:

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

Signature