

1. Name: TARIT BARAN DAS



2. Date of Birth: 25/10/1960

3. Current Position and Address: Sr. Principal Scientist, Combustion Science and Technology, CSIR-CIMFR, Digwadih Campus, e-mail- tarit25@rediffmail.com , Ph. No. 03262388289/9431317472

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
I	B.Sc (Chem. Hons)	1982	Univ. of Calcutta	Chem (Hons), Phy, Maths
ii	B.Tech(Chem Tech)	1985	Univ. of Calcutta	Specialisation in Ceramics
III	M.Tech	1987	Univ. of Calcutta	Ceramic Engg.

5. Work experience

Designation	Institution/company	From	To	Nature of work
i. Ceramist	Hindustan Sanitaryware	June, 1987	Feb, 1989	Production
ii. Scientist	CIMFR	24.04.1989	Continuing	Fuel Research

6. Area of specialization: Energy, Environment and Waste Utilisation

7. Honors/Awards received: None

8. Fellowships/Scholarships: None

9. No. of Research Publications:

- Papers in journals: 10
- In conference proceedings: 12
- Invited/key-note addresses: 2
- List of best 05 publications: :
 1. Reactivity assessments of non-coking coal by oxidative thermo gravimetric studies
 2. Use of an alternative probe for improving flue gas collection for estimation of mercury
 3. Evaluation of reduction potential of selected heavy metals from an Indian coal by conventional coal cleaning
 4. Assessment of the mercury content in coal fed to Power Plants and study of mercury emissions from the sector in India.
 5. Study of Effect on Combustion Performance of Coal at Various Level of Cleaning in a Drop Tube Furnace

10. Number of Books authored/edited: None

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

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

12. Foreign visits: 1. Visit to St. Petersburg, Russia in May,'12 to participate in Workshop MEC 9

13. Details of Professional memberships: i) Life member, Metrology Society of India
ii) Life member, Material Research Society of India

iii) Convenor, PCD-7.2, Solid Mineral Fuels Sectional
Committee, Bureau of Indian Standard

14 . Major contributions: (Max. 150 words):

- Drafted five standard methodologies for acceptance as Indian Standard.
- Preparation of mercury emissions inventory from coal based power plants of our country
The inventory will assist in developing a national mercury action plan to reduce mercury releases from coal combustion in the power sector.
- Process development for producing improved building bricks by water curing.

15. Technologies and Products/ Services

- (i) Developed:
Process development for producing improved building bricks by water curing.
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed:

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

Jarit Baran Das

Signature