

1. Name: TARUN PRAMANIK

2. Date of Birth: 30-06-1980

3. Current Position and Address: Senior Technical Officer-1
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4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
i	3 years diploma In Mechanical Engg.	2003	WBSCTE	EDWG, EM, GE, SM, TOM, MT, HP, MDWG, ET, MP, Design, Thermal Sc. & Engg. Automobile
ii	Passed AMIE Section A & B degree course In Mechanical Engg.	Summer-2013	The Institution of Engineers (India)	computer, society Material Science, Manufacturing Sc. Mechanics of solids Fluids, Thermal Sc. Manufac. Tech. Design of M/C, Plant, IC engine Turbomachinery

Power

5. Work experience

Designation	Institution/company	From	To	Nature of work
i Technical Assistant	CIMFR	20-01-2005	19-01-2010	R & D in Coal Carbonisation
ii Senior Technical Assistant	CIMFR	20-01-2010	19-01-2012	R & D in Coal Carbonisation
iii. Senior Technical Officer-1	CIMFR	20-01-2012	19-01-2015	R & D in Coal Carbonisation

6. Area of specialization: :

7. Honors/Awards received:

8. Fellowships/Scholarships:

9. No. of Research Publications:

- Papers in journals:
- In conference proceedings:
A paper entitled “**Direct reduction iron ore using non-coking coal in non-recovery type coke oven**”
Authors:- G.K. Bayen, R. Ranjan, R.S. Yadav, Tarun pramanik, S. Maity, S. Mukherjee, S.K. Dey, G.K. Gupta
Presented in Koyla Upoyog Dristi 2025, a Hindi Seminar at CIMFR Digwadih Campus, Dhanbad from 4-5th May 2012
- 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 (AM 149547-2) of The Institution of Engineers (India), Kolkata by examination passed (AMIE Section A & B)

14. Major contributions: (Max. 150 words)

- i. Preparation of detailed drawing (constructional drawing) of non-recovery type coke oven of CIMFR design.
- ii. Commissioning, initial heating and trial run of non-recovery coke oven.
- iii. Operation of high temperature coal carbonization pilot plants.
 - a. Electrically heated coke oven
 - b. Pilot non-recover type coke oven with and without stamp charging system.
- iv. Briquettes making in 1 tph capacity pilot scale briquetting plant, thermal treatment in curing chamber (batch type) and characterization of the products.
- v. Physical testing of coke such as Micum index, shatter index and apparent density were also carried out.
- vi. Technical aid to industries along with sub-sampling of coal and coke for laboratory tests pertaining to carbonization characteristics were also done.
- vii. Training imparted on coke making to the students from different academic institutions.

15. Technologies and Products/ Services

(i) Developed:

(ii) Licensed:

(iii) Commercialized:

16. Designs and Prototype Developed:

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

Signature