

1. Name: **Dr. Pashupati Dutta**

2. Date of Birth: 18-09-1960

3. Current Position and Address:
(with E-mail & Phone no.)

Sr. Principal Scientist,
CSIR-Central Institute of Mining & Fuel Research,
Digwadih Campus, CLF Division, P.O.-FRI, Dhanbad-828108, India.
Mobile: 9470121058,
Email: p Dutta2002in@yahoo.co.in



4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/Certificate	Year of Passing	University/Institute	Subjects
i	B. Sc. (Hons)	1981	Ranchi University	Phy, Chem(Hons), Maths
ii	M. Sc.	1984	Ranchi University	Organic Chem spl
iii	Ph. D.	1989	Ranchi University	Chemistry

5. Work experience

Designation	Institution/company	From	To	Nature of work
i Sct. B	CFRI	03-08-1990	02-08-1995	R&D
ii Sct. C	CFRI	03-08-1995	02-08-2000	R&D
iii Sct. EI	CFRI	03-08-2000	02-08-2005	R&D
iv Sct. EII	CSIR-CIMFR	03-08-2005	02-08-2012	R&D
v Sr. Principal Sct.	CSIR-CIMFR	03-08-2012	till date	R&D

6. Area of specialization: Catalytic synthesis of organic chemicals of coal tar origin, direct coal hydrogenation, modified FT synthesis.

7. Honors/Awards received: CFRI Golden Jubilee award for the development of a process on hydration of 3-cyanopyridine to nicotinamide.

8. Fellowships/Scholarships:

- i) JRF 1986-1988
- ii) SRF 1988-1990

9. No. of Research Publications:

- Papers in journals: 10
 - In conference proceedings: 15
 - Invited/key-note addresses: Nil
 - List of best 05 publications:
1. Conversion of syn-gas to lower alkenes over Fe-TiO₂-ZnO-K₂O catalyst system - S.C.Ray, H.L.Prasad, **P.Dutta**, A.Bhattacharya, B.Singh, S.Kumar, S.Maharaj, V.K.Kaushik, S.M Pillai, M.Ravindranathan; Appl. Catal. A:Gen 220 (2001) 153-164.
 2. Synthesis of lower olefins from methanol and subsequent conversion of ethylene to higher olefins via oligomerisation - **P.Dutta**, S.C.Roy, L.N.Nandi, P.Samuel, S.M.Pillai, B.D.Bhat, M.Ravindranathan; J. Mol. Catal. A:Chem 223 (2004) 231-235.
 3. The influence of support on ammoxidation of 3-picoline over vanadia catalyst - S.K.Roy, **P.Dutta**, L.N.Nandi, S.N.Yadav, T.K.Mondal, S.C.Roy, P.Samuel; J. Mol. Catal. A:Chem 223 (2004) 211-215.
 4. Hydration of 3-cyanopyridine to nicotinamide over MnO₂ catalyst - S.C.Roy, **P.Dutta**, L.N.Nandi, S.K.Roy, S.M.Pillai, V.K.Kuashik & M.Ravindran; Appl. Catal. A:Gen 290 (2005) 175-180.
 5. PAHs and potentially toxic elements in the fly ash and bed ash of biomass fired power plants - R.E.Masto, E.Sarkar, J.George, K.Jyoti, P.Dutta, L.C.Ram, Fuel Processing Technol. 132 (2015) 139-152.

10. Number of Books authored/edited: 1

11. (a) No. of Patents granted/applied for: 5
 (b) Technologies developed, Licensed and/or commercialized: 1

12. Foreign visits: Nil

13. Details of Professional memberships:

- (i) Indian Science Congress Association, Kolkata;
- (ii) Catalysis Society of India, Chennai.

14. Major contributions: Developed catalysts and processes for the synthesis of organic chemicals of coal tar origin and having worked on cyclodehydrogenation reaction of acetaldehyde and ammonia to pyridine and picolines, ammoxidation of picolines to cyanopyridines, hydration of cyanopyridines to respective amides, direct hydrogenation of coal to produce liquid fuels, selected fraction of hydrocarbons from syn gas by modified FT process, catalytic conversion of methanol to olefins. Published more than twenty five papers and five patents.

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:

P Dutta
Signature