

**DR. RITU SINGH**  
**(Wife of DR NARENDRA SINGH)**  
**MANAGING TRUSTEE**



**EDUCATION**

- Post Doctoral Research : Enrichment of Coal, Department of Fuel, University of Leeds, UK; (1994-1995).
- Ph.D : Hydrocarbon from Petrocrops, Indian Institute of Technology (IIT), Delhi; (1987-92).
- M.Sc (Chemistry) : Chemistry, Indian Institute of Technology (IIT), Delhi (1984-86)
- B.Sc (Hons Chemistry) : St Stephen's College, Delhi University (1981-84)

**WORK & RESEARCH EXPERIENCE:**

S.No.	Designation	Place of Work	Years
1	Scientist	IIT Delhi Research & Development work on analysis and upgrade of Petroleum Crude and Coal Liquefaction	1992-1994
2.	Sr. Scientific (ST-II) Officer	Centre of Material for Electronics Technology, Ministry of Information Technology, Govt. of India	1994-1996
3	Sr Scientific officer – I	Software Technology, Parks of India, Ministry of Information Technology, Govt. of India	1996-1999

**PROFESSIONAL EXPERIENCE**

- Associated with Engineering Colleges in Jaipur & Bharatpur as Academic Advisor 2000-2007
- Associated with Ministry of Information Technology, Govt. of India for Monitoring Coordination, Evaluation, and formulation of Research Projects & Research Activities.

## RESEARCH PUBLICATIONS:

- ◆ Desulphurization of various Indian coals by Hydrogen Donor Solvent Extraction; Ratna Choudhury, A.K. Bhaktavatsalam and Ritu Singh; Proceedings of the Coal Utilization and the Environment Conference, Orlando, Florida, USA. Paper presented. Abstract Fuel 1993, Vol.72, No.5, P 707. Full Length paper Fuel 1993, Vol.72, No.6.
- ◆ Coal Ash minimization towards creation of Net Available energy, Ratna Choudhury, Ritu Singh and A.K. Bhaktavatsalam; Proceedings of 15<sup>th</sup> National Systems Conference, Roorkee, March 1992, pp 65-68,
- ◆ Enhanced liquid fuel from Single Biomass Species namely Calotropis Procera, Ratna Choudhury and Ritu Singh., Published in the proceedings of 9<sup>th</sup> International Congress on Energy and Environmental, Miami, USA, 1989, 82.
- ◆ Non-Polar Solvent Extraction of Calotropis Procera, Ratna Choudhury and Ritu Singh., Presented at National Conference of Petroleum Conservation Research Association, New Delhi, India in Feb., 1990.
- ◆ Enhanced Hydrocarbon extraction by Alkali Pre-treatment of Calotropis Procera-A Petrocrop, Ratna Choudhury and Ritu Singh, Accepted for publication in the Proceedings of Eco World 1992- 1<sup>st</sup> Annual Meeting, Washington Convention Center – Washington DC, USA.
- ◆ Enhanced Hydrocarbon Extraction from calotrops Procera – A petrocrop, Ratna Choudhury and Ritu Singh, Accepted for Publication in the Journal of Fuel Science and Technology international, 1992.
- ◆ Hydrocarbons from Calotropis Procera – Product Enhancement and Analysis, Ratna Choudhury and Ritu Singh, Accepted for Publication in the International Journal of Energy Research, 1992.
- ◆ Upgradation of a Petro Crop Extract to liquid fuels - Ratna Choudhury and Ritu Singh, Accepted for Publication in the International Journal – FUEL, 1994/0091.
- ◆ Beneficiation of Indian Coal by Chemical Techniques - Ratna Choudhury and Ritu Singh., Presented at National Conference of Petroleum Conservation Research Association, New Delhi, India in 1994.

## FELLOWSHIPS:-

- ◆ Nehru Centenary British Fellowship for post-doctoral research at University of Leeds, UK. 1994
- ◆ Research Fellowship of Council of Scientific & Industrial Research, India. 1986 (Nov)
- ◆ Research Fellowship of University Grants Commission, India 1986 (August)