

CURRICULUM VITAE

DR. RAKHI MUKHOPADHYAY

Date of Birth: 01.10.1963

E-mail ID: rakhi5@rediffmail.com

DESIGNATION

Associate Professor of Physics, Dum Dum Motijheel College, Kolkata-700074.

ACADEMIC BACKGROUND

- Ph.D. (Physics), University of Calcutta, West Bengal, 1998.
- M.Sc. (Physics), University of Calcutta, West Bengal, 1990.
- B.Sc. (Physics), Presidency College (University of Calcutta), West Bengal, 1987.

POSITIONS HELD/ HOLDING

- 2009–Present : Associate Professor, Dum Dum Motijheel College
- 1997–2009 : Assistant Professor, Dum Dum Motijheel College

TEACHING INTEREST

- Acoustics, Geometrical Optics, Nuclear Physics.

RESEARCH PROFILE

COMPLETED RESEARCH PROJECTS:

- UGC-sponsored **Minor Research Project** completed in 2008 (Amount Rs. 80,000/-).

PUBLICATIONS:

Journal Paper:

1. Das, T.K. and **Chattopadhyay, R.** (1993): Perturbative Solution of Integro Differential Equation, *Fizika*, B2: 73.
2. Das, T.K., **Chattopadhyay, R.** and Mukherjee, P.K. (1994): Convergence of hyperspherical harmonics....., *Physical Review*, A50: 3521.
3. **Chattopadhyay, R.**, Das T.K., and Mukherjee, P.K. (1996): Hyperspherical Harmonics Expansion....., *Physica Scripta*, 54: 601.
4. **Chattopadhyay, R.** and Das, T.K. (1996): On the truncation of the hyperspherical harmonics expansion....., *Fizika*, A5: 1.
5. **Chattopadhyay, R.**, Das T.K. (1997): Adiabatic approximation in....., *Physical Review*, A: 56.

NUMBER OF SEMINAR PRESENTATIONS:

- National: 5

MEMBERSHIPS OF LEARNED SOCIETIES

- Indian Physics Association.