

CURRICULUM VITAE

DR. BIDYUT HALDAR

Date of Birth: 01.10.1966

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DESIGNATION

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

ACADEMIC BACKGROUND

- Ph.D. (Physics), Indian Institute of Technology–Kanpur, Uttar Pradesh, 1997.
- M.Sc. (Physics), Indian Institute of Technology–Bombay, Maharashtra, 1990.
- B.Sc. (Physics), Presidency College (University of Calcutta), West Bengal, 1987.

POSITIONS HELD/ HOLDING

- 2001–Present : Associate Professor, Dum Dum Motijheel College
- 1997–2006 : Lecturer, University Institute of Engineering and Technology, C.S.J.M University, Kanpur, Uttar Pradesh
- 1996–1997 : Senior Project Assistant, Department of Mechanical Engineering, IIT–Kanpur

TEACHING INTEREST

- Mathematical Physics, Mechanics, Electromagnetism, Atomic and molecular Physics, Relativity.

RESEARCH PROFILE

Ph.D. Thesis:

Positron annihilation lifetime studies of some polymer electrolytes, Polymers and Metal Matrix composites.

Supervisor: Prof. R. N. Singru, Indian Institute of Technology–Kanpur.

M.Sc. Dissertation Thesis:

Giant Resonance at $T = 0$ K and $T > 0$ K.

Supervisor: Prof. Y. K. Ganbhir, Indian Institute of Technology–Bombay.

PUBLICATIONS:

Journal Paper:

1. **Haldar, B.**, Singru, R.M., Maurya, K.K. and Chandra, S. (1996): Temperature dependence of positron annihilation lifetime, free volume, conductivity, ionic mobility and number of charge carriers in a polymer electrolyte polyethylene oxide complexed with NH_4ClO_4 , *Physical Review*, B54: 7143–7150.
2. **Haldar, B.**, Balasubramanium, R. and Singru, R.M. (1996): Positron annihilation study of hydrogen charged Al– Al_2O_3 composites, *Journal of Material Science Letters*, 15: 1858–59.
3. **Haldar, B.**, Singru, R.M. and Chandra, S. (1998): Positron annihilation lifetime studies of free volume in a polymer electrolyte polyethylene oxide complexed with NH_4I , *Polymer Physics*, 36: 969–976.
4. Bandyopadhyay, D., **Haldar, B.**, Sharma, R.C. and Chakraborty, N. (1999): The Ti–Mo – C (Titanium–Molybdenum–Carbon) system, *Journal of Phase Equilibria*, 20(3): 332–336.
5. **Haldar, B.**, Bandyopadhyay, D., Sharma, R.C. and Chakraborty, N. (1999): The Ti –W – C (Titanium–Tungsten–Carbon) system, *Journal of Phase Equilibria*, 20(3): 337–343.
6. Roy, M.K., **Haldar, B.** and Verma, H.C. (2006): Characteristic length scale of nanosize zinc ferrites, *Nanotechnology*, 17: 232–237.

NUMBER OF SEMINAR PRESENTATIONS:

National: **5**

NUMBER OF WORKSHOP/ CAPACITY BUILDING COURSE PARTICIPATIONS:

National: **2**; State Level: **8**