

1. Name : **ATIS CHANDRA MANDAL**
2. Present Position : Associate Professor, Department of Physics, University of Burdwan.
3. Address for Correspondence : Department of Physics, The University of Burdwan Golapbag,
P.O. – Rajbati, Burdwan – 713 104, West Bengal, India.
4. Telephone : 91 342 2657800(Office), 91 342 2657193 (Residence)
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6. Academic Qualifications :
 - **M. Sc.** in **Physics** with **First Class & First** rank from the University of Burdwan with specialization in Radio Physics & Electronics.
 - **Post M. Sc. Associateship Diplom** in **Physics** from Saha Institute of Nuclear Physics, Kolkata.
 - **Ph. D.** in **Science (Physics)** from Jadavpur University, thesis entitled “Inner Shell Ionisation and Scattering by photons and charged particles” done at Saha Institute of Nuclear Physics, Kolkata.
7. Awards / Fellowship : National Scholarship, University Gold Medal,
DAE fellowship, NET (CSIR) Qualified.
8. Teaching Experience :

Lecturer (from 19-10-2000 to 9-5-2006), **Senior Lecturer** (from 10-5-2006 to 11-8-2008), **Reader** (from 12-8-2008 to 11-8-2011), **Associate Professor** (from 12-8-2011 onwards) in the Department of Physics, the University of Burdwan.

Guest Lecturer in Mathematics Department, University of Burdwan from 13-01-2006 to 31-05-2006.

Guest Lecturer in Mathematics Department, University of Burdwan from 06-03-2009 to 31-07-2009.

Acting as Coordinator, Additional Shift in M. Sc., Department of Physics, Burdwan University from 21-08-2008 onwards.
9. Areas of Teaching :

Mathematical Physics, Classical Mechanics, Quantum Mechanics, Radio Physics & Electronics, Computer oriented Numerical Methods.
10. Areas of Research :

Accelerator based Atomic Physics, Inner shell ionisation by photons, Inner shell ionisation by charged particles, Scattering, X-ray fluorescence study of materials, Elemental analysis using Particle Induced X-ray Emission (PIXE) technique.

Synthesis and structural characterizations of pure and doped oxide semiconductor nanoparticles, Optical absorption spectroscopy, Positron annihilation spectroscopy.
11. Total number of Publications: 17 (International: 16, National: 01)
12. Total number of Symposium/ Conference/ Workshop attended: 33 (International: 03, National: 29, State Level: 01).
13. Invited Lectures/Seminar experts etc.: 32