

Curriculum Vitae

Close-up
photograph
(Optional)

Name: **Dr Rabindranath Mishra**

Designation: **Reader**

Subject: **Physics**

Mobile: **9437275380**

E-mail: **mishrarabindranath@yahoo.com**

Professional Experience: (Starting with the most recent)

1. Reader in Physics Ravenshaw University 24th Nov 2010 Continuing
2. – do- Govt. (Auto) College , Phulbani 4.10.2010 to 24.11.10
3. - do- S.B.Women's College , Cuttack 21.08.2003 to 4.10.10
4. –do- Dhenkanal (Auto) College, Dhenkanal 1999 to 2003
5. Sr Lect N.C.College Jajpur 1998 to 1999
6. U.G.C Teacher Fellow /Study Leave 1996 to 1998
7. Lecturer Govt. College Sundergarh, 1990 to 1996
8. Lecturer R.M.C Rourkela 1983 to 1990

Worked as a resource person in the Teacher's Training Programme both in secondary and Higher Secondary level in the state(B.S.E Orissa) and central level (N.C.E.R.T). since 2000.

Presently working also as a Referee to the Indian Journal of physics.

Teaching experience -26 Years,

Guidance- Guiding four(04) students for M.Phil Dissertations .

Education:

(Starting with Bachelors up-to the highest qualification)

B.Sc Physics(Hons):- Passed from Ravenshaw College , Cuttack in 1979 with First class Honors and Distinction and a University Position Got the National Merit Scholarship.

M.Sc Physics:- Passed from the Post Graduate Dept. of Physics Utkal University, in 1981 with First Class and A+ Grade and a University Position
Special paper- Solid State Physics

Certificate courses in Computer Science:- Passed in 1997 and the project was adjudged the best . Secured highest marks in the certificate courses

Ph.D: Awarded Ph.D in High Energy Particle Physics in 2003 from the Utkal University Vani Vihar

Thesis-Study of Deep-Inelastic Structure Functions of Nucleon and Parton Distributions Based on a Relativistic Independent Quark Model

Area (s) of specialization: (Five Lines)

1. Particle Physics & Astroparticle Physics , worked in Deep Inelastic Scattering for the award of Ph.D
2. Solid State Physics (Specialization in M.Sc)

Publications:

1. Books: (Five maximum with ISBN Number, Publication House, Year, Place)
 1. Classical Mechanics
 2. Thermal and Statistical PhysicsBoth the Books are Published by Sri Krishna Publication , Cuttack and are Published in the Year 2010 and 2011 respectively . ISBN No Applied . They are presently the text Books in +3 Physics Honours in different Universities and Autonomous Colleges.
2. Research Papers in Peer Reviewed Journals: (Ten most significant and recent publications with ISSN Numbers)
 - a. Spin dependent structure functions .. Physical.Review . **D 61**, 014002(2000)
ISSN-0556-2821
 - b. Unpolarised Structure functions ... Pr.J.Phys. **V-56**, No-4, pp519(2001)
ISSN-0973-7111
 - c. Unpol Struct funct... Int. Bull Board **Hep/Ph-0108228** (2001)
Electronic Publication
 - d. Structure functions... Fizika B (Zagreb) **11** pp.27-48 (2002)
ISSN-1330-0016
 - e. Why present Universe... Bull. (IAPT) Vol-25 No-10 (2008)
ISSN: 14923831
 - f. Spin in Non-relativistic.. O.J Phy Vol-18 No-3 Feb (2011)
ISSN-0974-8202
3. Research Papers in Non-peer Reviewed Journals: (Five maximum, with ISSN Numbers)
 - a. Deep Inelastic--- B. Phys(OPS) **Vol-VI** pp-3 (1999)
ISSN-0974-8202
 - b. Matrix Algebra... B.Physics Vol-XI Feb,(2004)
ISSN-0974-8202
4. Chapters in Edited Books: (Five maximum with ISBN Numbers, Publication House, Year, Place)
5. Reviews in Peer Reviewed Journals: (Five recent reviews)
Future computer... O.J Phy Vol-16 (2009) ISSN-0974-8202

Conference Presentations: International (Maximum-10); National (Maximum-10)

- a. In 2004 conducted by IUCAA in U.U Vanivihar (National)
- b. In 2008 on gravitation and cosmology in U.U Vanivihar (National)
- c. Evolution and struct... Proc of DAE Symposium (2001) (Int)
- d. Conducted by SERC at Viswa Bharati, Shantiniketan (2000) (Int)

Conferences/ Workshops/ Training Programs Organized: (Five major & recent ones)

Organized a seminar on "Nanotechnology and Social and Ethical Issues". on 6.03.2011
Sponsored by Ravenshaw Alumni Association .

Research Projects, Evaluation Research, Consultancies: (Five major & recent ones)

Have applied for a research Project on " Investigating the structure of proton through Light cone formalism"

Advisory & Editorial Boards:

Working as a advisory member in

- a. Anti-Ragging Cell of Ravenshaw University
- b. Day Scholar Association
- c. Statute Committee

Remained in the editorial boards of "college magazine" and " College calendars" of S.B.Women's College, Dhenkanal (Auto) College

Honours, Fellowships:

Membership in Professional Bodies:

- a. Member Board of Studies Utkal University for +3 Sc Physics (Hons)
- b. Resource person in the Teacher's Training Programme both in secondary and Higher Secondary level in the state(B.S.E Orissa) and central level (N.C.E.R.T). since 2000 .
- c. Parton member of Orissa Physical Society
- d. Indian Association of Physics Teachers

Personal Information:

(Optional)

Popular science articles published in Odiya (samaj , Jhankar and others) - 10
in last five years