



Dr PUNARBASU BOSE

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Address: Bardhaman ,West Bengal,India - 713424

Expertise

Condensed Matter Physics

Done Ph.D. on topic "Preparation and Characterization of Polycrystalline Composite Materials". Teaching Condensed Matter Physics in under graduate level over last nineteen years.

Work experience

1. Hooghly Womens College 2018 — Present

Associate Professor
Hooghly

2. Hooghly Womens College 2015 — 2018

Assistant Professor (Grade-III)
Hooghly

3. Bankura Christian College 2015 — 2015

Assistant Professor (Grade-III)
Bankura

4. Bankura Christian College 2008 — 2015

Assistant Professor (Grade-II)
Bankura

5. Bankura Christian College 2004 — 2008

Assistant Professor (Grade-I)
Bankura

Education

1. Ph.D - 2003

The University of Burdwan

2. Science B. Ed. - 1996

The University of Burdwan

3. M.Sc. - 1994

The University of Burdwan

4. B. Sc - 1992

Burdwan Raj College

Honours and Awards

1. National Eligibility Test - 2001

UGC-CSIR

2. State Level Eligibility Test - 2001

WBCSC

3. GATE - 1995

National Coordination Board - GATE, Department of Higher Education, Ministry of Education (MoE), Government of India

Membership In Professional Bodies

1. Wesleyan Journal of Research, 2010

LIFE MEMBER (WJR: 52)

2. INDIAN ASSOCIATION OF PHYSICS TEACHERS, 2006
LIFE MEMBER (L 4477)
3. THE INDIAN PHYSICAL SOCIETY, 2A & 2B RAJA S C MALLIK ROAD,
KOLKATA-32, 1998
LIFE MEMBER (LM/ 0037)

Membership In Committees

Publication

1. A Case Study in Hardening of Cd-Ag Alloys with Solute Concentration.
P. Bose
International Journal for Research in Applied Science and Engineering Technology [ISSN 2321-9653],
Volume 2018 (April), Vol. 6, , Year 2018, Pages 4019-4026
2. Study of Variation of R.M.S Strain with Average Particle Size of Different Phases Evolved During High Energy Ball Milling of Anatase TiO₂ Suggesting Simultaneous Occurrence of Hall-Petch Effect and Invers Hall-Petch Effect
P. Bose
International Journal of Engineering and Science Invention [ISSN 2319-6726], Volume , Year 2018, Pages
3. Anomolous Decrease of r.m.s. Strain With Increasing Mechanical Deformation Time in Conversion of Anatage TiO₂ Phase to High Pressure TiO₂-II Phase in High Energy Ball Mill.
P. Bose
Proceedings of UGC Sponsored National Level Seminar on Characterization of Nanomaterials
Ramananda College, Bishnupur, Bankura, (ISBN: 978-81-933848-0-0)],,, Volume September, 2016, Year 2016, Pages 71-80
4. The Metallurgical Problems of Dokra Artisans of Bikna Village in Bankura: A Study.
P. Bose
Journal of Arts, Science and Teaching (ISSN 2395-4553). , Volume Vol. 1, Issue 1, May, 2015 , Year 2015, Pages 44-50
5. Rietveld Method Applied to Identify an Unknown Phase in AgCd Phase Diagram.
P. Bose
Wesleyan Journal of Research (ISSN 0975-1386). , Volume Vol. 8.1, June 2015, Year 2015, Pages 32-36

6. Fun Way to Learn Surface tension

P. Bose

Fun Way to Learn Surface tension [ISBN: 978-93-80332-30-7], Volume , Year 2012, Pages

7. Order- disorder transition in nanocrystalline Ni₃Al prepared by a chemical route.

M. PAL, S.K. Pradhan, P. Bose, A. Datta, D. Chakravorty

Physica E [Elsevier Science], Volume 31 (2006) , Year 2006, Pages 224-227

8. Rietveld analysis of polymorphic transformations of ball milled anatase TiO₂.

P. Bose, S. K. Pradhan and Suchitra Sen

Mater. Chem. Phys. [Elsevier Science], Volume 86 (2003) , Year 2003, Pages 73-81

9. Microstructure characterization of ball milled prepared nanocrystalline Zn₂TiO₄ by Rietveld method.

S.K. Manik, P. Bose, S.K. Pradhan,

Mater. Chem. Phys. [Elsevier Science], Volume 82 (2003) , Year 2003, Pages 837-847

10. Microstructural characterization and mechanical property of Cd-48.7 wt.% Ag alloy.

P. Bose, S.K. Shee, S.K. Pradhan and M. De

Materials Engg., [Italy] , Volume 13 (2002) , Year 2002, Pages 299-315

11. X-rays characterization of nanocrystalline Ni₃Fe.

P. Bose, S. Bid, S. K. Pradhan, M. Pal, D. Chakravorty,

J. Alloys and Compounds [Elsevier Science], Volume 343 (2002) , Year 2002, Pages 192-198

12. X-ray studies on the kinetics of microstructural evolution of Ni₃Al synthesized by ball milling elemental powders. ,

S. K. Pradhan, S. K. Shee, A. Chanda, P. Bose, M. De

Mater. Chem. Phys. , Volume 68 , Year 2001, Pages 166-174

13. X-ray characterization of microstructure and its correlation with mechanical property of CdAg alloys.

P. Bose, S.K. Shee, S.K. Pradhan and M. De

Materials Engg., [Italy] , Volume 12 (2001) , Year 2001, Pages 353-369