

Faculty Profile (Curriculum Vitae)



1) Name of the Faculty Member: DR. PARTHA GHOSH

2) Present Designation: ASSOCIATE PROFESSOR IN PHYSICS

3) Academic Qualifications: M.Sc, Ph.D

Thesis title: Fluctuation studies in ultra-relativistic heavy ion collisions using Photon Multiplicity Detector

4) Teaching Experience in years: 23

Date of Joining Service: 25th AUGUST 1999, AS A LECTURER IN PHYSICS

5) List of publications:

| | <i>Journal</i> | <i>Volume No.</i> | <i>Title</i> |
|----|---|----------------------------------|---|
| 1. | Nuclear Instruments and Methods in Physics Research A | Volume 488(2002) 131-143 | <i>A honeycomb proportional counter for photon multiplicity measurement in the ALICE experiment</i> |
| 2. | Bangabasi Academic Journal ISSN 2249-0655 | Volume 5 (2007-8) 14-20 | <i>Understanding the Evolution of the Universe...</i> |
| 3. | -----DO----- | Volume 6 (2008-9) | <i>They say That We're Made of Strings</i> |
| 4. | -----DO----- | Volume 7-8 (2009-10) & (2010-11) | <i>"Kichu Proshno: Jaar Uttor Meleni..." Some Unanswered questions</i> |

6) Research Projects:

01 (UGC Minor), F. PSW-074/10-11 (ERO)

Project Title: "*Phenomenology of Superstrings & branes in association with Particle Physics & Cosmology*"
Regarding feasibility of introducing *Basics of String Theory* to U.G curriculum, completed in 2011-12

7) Seminars attended & talk delivered (if any): Yes, Total 02

| YEAR | NAME | VENUE | TITLE OF TALK |
|------|--|-------------------|----------------------------|
| 2001 | International Conference on Physics & Astrophysics of Quark Gluon Plasma | Jaipur, Orissa | <i>Heavy Ion Physics</i> |
| 2007 | DAE Symposium | Sambalpur, Orissa | <i>Thesis Presentation</i> |

Seminars attended as Resource Person (if any): Yes, Total 09

| YEAR | NAME | VENUE | TITLE OF TALK |
|------|---|---|--|
| 2014 | High School Level Seminar on the Discovery of Higgs Boson | Bidhannagar Government School | <i>“God or Goddamned particle?”</i> |
| 2022 | National Science Day Celebration | City College, Kolkata | <i>“Order within Disorder”</i> |
| 2022 | High School Level Seminar | Chandpur Upendranath High School, Chandpur, Nabagram, Howrah, W.B -711315 | <i>“Joy in the realm of Physics”</i> |
| 2022 | High School Level Seminar | Purbachilka Lalchand High School, Purushottampur Road, Purba Medinipur, W.B – 721647 | <i>“Physics Research: current trends and future prospects”</i> |
| 2023 | High School Level Seminar | Baneshwarpur Ramchandrapur Anulia United High School, Baneshwarpur, Anulia, Amta, District – Howrah, W.B-711401 | <i>“Why Physics? And why research?”</i> |
| 2023 | College Level Seminar organized by Research Sub Committee | Vidyasagar Metropolitan College | <i>“NEP-FYUP in affiliated U.G Colleges: Prospects & Challenges”</i> |
| 2023 | State Level Seminar on NEP: Insight & Implementation | Vidyanagar College | <i>-Do-</i> |
| 2023 | College Level Seminar | Gokhale Memorial Girl’s College | <i>-Do-</i> |
| 2023 | “Scintilla-2023” – To celebrate Chandrayan Mission of ISRO; Organized by Young Scientists’ Forum, recognized by Breakthrough Science Society, West Bengal Chapter | Taki House Govt. sponsored Boys’ School, Kolkata | <i>“The Physics of Space”</i> |

8) Honours/Awards conferred (if any): Yes, Total 04

| AWARD | AWARDING ORGANIZATION | DURATION |
|----------------------------|--|-----------|
| Nehru Scholarship | Steel Authority of India Limited | 1991-1994 |
| National Scholarship | Government of India | 1994-1996 |
| Junior Research Fellowship | Council for Scientific & Industrial Research | 1997-1999 |
| Teacher Fellowship | University Grants Commission | 2005-2006 |

9) Membership of National/International Body/Organization (if any): NIL

10) Extracurricular activities (any additional information if any): NIL