



Prof. Prabir Kumar Haldar

Curriculum Vitae

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🌐 <https://cbpbu.ac.in/department-of-physics.php>

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Educational Qualification:

Ph.D (Physics) Jadavpur University	2003
M.Sc (Physics) Jadavpur University, % of marks obtained – 62.3% First Class	1997
B.Sc (Physics) Jadavpur University, % of marks obtained – 65.2 % First Class with distinction in subsidiary Subjects	1995

Ph.D Degree:

Title: "Fluctuation in fragmentation and pionisation in ultra relativistic nuclear interactions"

Supervisor: Prof. Dipak Ghosh & Prof. Arghya Deb, Department of Physics, Jadavpur University.

Description: Executed in Jadavpur University, Kolkata, West Bengal. Year-2003

Professional Experience:

TEACHING.....

Name Of The Institution	Position Held	Working Period
Cooch Behar Panchanan Barma University	Professor	01-02-2018 to till date
Dinhata College	Asst. professor of physics	02-03-2005 to 31-01-2018
Siliguri Institute of Technology	Lecturer of Physics	24-08-2004 to 01-03-2005

Awards:

1991: National Scholarships (H. S.Examination) by Government of India

2009: Recipients of SERC FAST TRACK Scheme for Young Scientists from DST, Govt. of India

2011: The best oral presentation award in 18th WB State Science & Technology Congress

2016: The best oral presentation award in 1st Regional Science & Technology Congress, Jalpaiguri Div

2002: UGC NET Qualified.

- **RG Score 28.56 Percentile: score is higher than 85% of Research Gate members.**

Field of Specialization:

- High-energy Heavy-ion Interaction, Studies on different global and local aspects of multi-particle production, particle density fluctuation, nuclear multifragmentation etc. by using various statistical/analytical methods and Monte-Carlo simulations.
- Quantum dots, Advance Functional Materials, Polymer Electronics, Piezoelectric & Polymeric Nanogenerator, Metal Nanoparticles, Rare-earth Materials, Electrospinning Technique for Nanofiber preparation, Mechanical energy Harvesting.

Administrative Experience:

- **Dean, Faculty of Post Graduate Studies in Science, Technology and Vocational Studies Cooch Behar Panchanan Barma University (CBPBU)** : From 14-06-2019 to till date
- **Controller of Examinations (Offg.)**: From 29-03-2018 to 28-09-2018 *Six Months*
- **Head ,Department of Physics,Cooch Behar Panchanan Barma University (CBPBU)**:
From 09-02-2018 to 08-02-2020
- **Served as a Jt. Coordinator in the Dept. of Physics, CBPBU** : Since Aug, 2015 to 31-10-2017
- **Head ,Department of Physics, Dinhata College**: From 01-09-2014 to 01-07-2017

Member of Selection Committee:

- **Sidho Kanho Birsha University:** *Selection of Associate Professor and Assistant Professor*
- **Cooch Behar PanchananBarma University:** *Selection of Professor, Associate Professor and Assistant Professor*
- **West Bengal College Service Commission:** *Selection of Assistant Professor*
- **West Bengal School Service Commission:** *Selection of Assistant Teacher for WB Higher Secondary Govt. Aided Schools*
- **Department of Physics, University of North Bengal:** *Selection of JRF/ Project assistant in the DST sponsored research Project Ref No. EMR/2016/005734*
- **Cooch Behar College :** *Selection of Guest Lecturer in Physics*
- **Tufanganj Mahavidyalaya :** *Selection of Guest Lecturer in Physics*

Chairman/Co-ordinator of the Different Committee of Cooch Behar Panchanan Barma University:

- **Chairperson:** *Board of Research Studies of CBPBU (Tenure Completed)*
- **Chairperson:** *UG Board of Studies of CBPBU (Tenure Completed)*
- **Chairperson:** *PG Board of Studies of CBPBU (Tenure Completed)*
- **Coordinator:** *IQAC of CBPBU (Continuing)*
- **Nodal Officer:** *For Assignment relating to AISHE of CBPBU(Continuing)*
- **Member :** *UG & PG Board of Studies of CBPBU (Continuing)*

Convenor of Inspection Team

- Extension of Affiliation of " **Indian Institute of Legal studies** " , Madhupur, Cooch Behar .
- Extension of Affiliation of " **Uttarayan Trust for Education and Social Welfare**" Cooch Behar.
- Extension of Affiliation of new subjects and course of " **Netaji Subhas Mahavidyalaya**", Haldibari.
- Extension of Affiliation of new subjects and course " **A. B. N. Seal College**", Cooch Behar.
- Extension of Affiliation of new subjects and course of " **Cooch Behar College**", Cooch Behar.
- Extension of Affiliation of new subjects and course of " **Dinhata College**", Dinhata.

Member of the Different Committee

- **Court Member** of Cooch Behar Panchanan Barma University.
- **Executive Council** of Cooch Behar Panchanan Barma University.
- **Steering Committee** of 2nd Convocation of Cooch Behar Panchanan Barma University.
- **13 Points** of 2nd Convocation of Cooch Behar Panchanan Barma University.
- **Distinguished Teachers Award** 2nd Convocation of Cooch Behar Panchanan Barma University.
- **Ph.D Ordinance** of Cooch Behar Panchanan Barma University.
- **Purchase Committee** of Cooch Behar Panchanan Barma University.
- **Screening Committee** for the post of Assistant Professor/ Associate Professor / Professor of CBPBU.
- **Inspection Team** of CBPBU for increase of Intake Capacity Physics in Cooch Behar College.
- **Fact Finding Committee** of Ref. F10.V1/REG/1000 (11) -18.

THESIS (PH.D) SUPERVISION EXPERIENCE :				
Category	Name Of The Student	Title of Thesis	Other Guide(if any)	Year of Completion
Doctoral Level	1.Prosenjit Saha	Dynamical fluctuation of pions and target fragments for ring and jet like events at CERN SPS Energies		2020
	2.Sanjib Kr. Manna	Non-statistical Fluctuation of Singly Charged Particles Produced in $^{16}O - Ag/Br$ Interaction at 200A GeV/c	Prof.Amitabha Mukhopadhyay, University of North Bengal	Pre-submission viva completed
Doctoral Level (Ongoing)	1.Bakul Das	Detection and Study of the impacts of sudden natural disturbances on lower Ionosphere using ULF/VLF wave propagation techniques		Registration Completed
	2.Abubakkar Siddik	Fabrication and Characterization of Organic - Inorganic Halide Perovskite Nanoparticles and its Applications	Dr. Pranab Kumar Sarkar, Assam University	Registration Completed
	3.Nikita Ghosh	Study of colloidal Semiconductor Quantum dots Nanostructure and its applications	Dr. Dipankar Chakdar, Dinhata College	Registration Completed

Adjudication of Thesis:

Total no.: 06

Reviewer of Research Journals:

Regular referring for the international journals:

- (i) **Physica Scripta**
- (ii) **Optical Fiber Technology**
- (iii) **Advances in High Energy Physics**

Sponsored Projects:

Details of Sponsored Projects :				
Agency	Project Sanction No	Title	Approved Allocation	Status
University Grants Commission	PSW-139/06-07 (ERO) Dated: 19/02/2007 Duration : two Years	Fluctuation Studies of Pionisation Process for ring like and Jet like events in Ultra-Relativistic Nuclear Interactions	90,000/-	Completed
Department of Science of Technology (Fast Track Scheme For Young scientists)	Do No: SR/FTP/PS-21/2008 Recommended Date 25/09/2008	Investigation of ring like (Super spiky) events in Ultra-relativistic Nuclear Interactions – evidence of QGP formation or Cerenkov Gluon Radiation (A new Concept in High energy Physics)	Total: Rs. 14,69,200/- Manpower: One JRF	Started on 03.04.2009(three years) Completed

Convener / Coordinator Of Seminar

- IUCAA Sponsored seminar Entitled " **Recent Advances in Astrophysics and Cosmology** " in collaboration with IUCAA resource Centre, University of North Bengal at Cooch Behar Panchanan Barma University during 09-10 October,2018.

Invited Lecture/Chairmanship At National Or International Conference

Details of Lecture/Chairmanship :			
Title of Lecture	Title of Conference / Seminar	Organized by	Whether international /national
Ultra relativistic nuclear interactions evidence of QGP formation or cerenkov gluon radiation	Frontiers in science and Technology towards national development	A.B.N.Seal college, cooch behar	National

Publication Summary

INTERNATIONAL JOURNALS	55
INTERNATIONAL CONFERENCE PAPERS	09
NATIONAL CONFERENCE PAPERS	12
REGIONAL/STATE LEVEL CONFERENCE PAPERS	02
BOOKS WITH ISBN NUMBER	02