

Dr. Piyali Bhar

Assistant Professor, WBES,
Department of Mathematics,
Government General Degree College,
Singur, P.O-Jalaghata, Dist: Hooghly,
Pin-712409, West Bengal



Web page: <https://sites.google.com/view/drpiyalibhar/home>

Email: piyalibhar90@gmail.com

M: +91-8116754967

❖ Educational Qualifications:

2010: B. Sc. Honours in Mathematics from Serampore College, Calcutta University, W.B.

2012: M.Sc. in Mathematics from IIT Kharagpur, West Bengal.

2016: Ph.D. in Science from Department of Mathematics, Jadavpur University, Kolkata, W.B

❖ Academic Achievements:

- Qualified Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) in 2012 (***All India Rank-CSIR-79***)
- Qualified GATE examination in Mathematics. (***All India Rank-13***)
- Qualified Joint Admission Test for M.Sc. (JAM) examination in Mathematics (***All India Rank-20***)
- 4th position in Mathematics honours in Calcutta University in 2010.
- Awarded Prof. K.K. Mukherjee Memorial Prize 2011 by Serampore College Teachers' Association for securing highest marks in Mathematics Honours Examination 2010 in Serampore College.

❖ Research Area:

Exact solutions of Einstein Field Equations, Modelling of compact Star, Black hole, Wormhole and Gravastar model using Einstein's General Theory of Relativity, and alternating theory of gravity.

❖ Work experiences:

- From 4th February, 2016 working as Assistant Professor in the Department of Mathematics of Government General Degree College, Singur, Hooghly.
- Worked as a Research Fellow at Jadavpur University, Kolkata with *Professor Farook Rahaman* from November 2012 to February 2016.

❖ Conference/Seminar/Workshop

- Participated in the National Conference on Emerging Trends in Physics of Fluids & Solids held during February 27-28, 2013 organized by the Dept. of Mathematics, Jadavpur University, Kolkata 700 032.
- Presented a paper entitled "Search of wormholes in different dimensional non-commutative inspired space-time with Lorentzian distribution" at the International conference on Geometry and its applications held at the Department of Mathematics, Jadavpur University, Kolkata 700 032 during October 16-18, 2014.

❖ Publications in Journals:

- **National Journal publications:** 2
- **International Journal publications:** 36