

## PROBIR MONDAL

Assistant Professor (W.B.E.S.)

Computer Science

Email: probir.mondal@prtgc.ac.in



**Major Interest Areas:** Data structure, Analysis of Algorithms, Graph theory, Programmin in Python, Digital Circuits and Design, Microprocessor, Bioinformatics

### Academic Credentials:

- *Ph.D. pursuing*
- *M.Tech. In Computer Science & Engineering (2011- 13): Calcutta University, West Bengal, India*
- *M.Sc. In Computer and Information Science (2008 - 10): Calcutta University, West Bengal, India*
- *B.Sc. In Computer Science, Sarsuna College, Kolkata, West Bengal, India*

### Teaching Experience

- *P. R. Thakur Govt. College – Feb. 2015 - Till date*

### Research Interest:

- Bioinformatics
- Image processing
- Big Data

### List of Publications:

1. “Estimation of Similarity between DNA Sequences and Its Graphical Representation” - Mondal P, InternationalJournal of Recent Technology and Engineering (IJRTE), Volume - 9 Issue - 1, May 2020.
2. “OAIPM: Optimal Algorithm to Identify Point Mutation Between DNA Sequences”- Mondal P, Basuli K, In Proceedings of the International Conference on Advanced Computing Applications, Advances in Intelligent Systems and Computing, Volume 1406, Lisbon, Portugal, 20–21 September 2022; Springer: 393–401.

### List of Honours/Awards:

- Qualified National Eligibility Test (NET) in Computer Science, June 2012
- Qualified Graduate Aptitude Test in Engineering (GATE) in Computer Science, 2012

### Lecture Presentations:

- 2<sup>nd</sup> International Conference on Advanced Computing and Applications (ICACA 2021), March 28, 2021, talk title: “OAIPM: Optimal Algorithm to Identify PointMutation between DNA Sequences” – Mondal, P.

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