

POULAMI MAJUMDER

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Carrier Objective:

Intend to obtain an excellent & valuable level in Life Sciences area which will show a new horizon towards science community as well as human.

Educational Qualifications:

| Name of the Examination (Year of Passing) | Institution | Board/University | Percentage/Total (%) |
|--|---|------------------------|---|
| M. Sc in Zoology (2011) Special in Genetics | Presidency College | University of Calcutta | Part 2: 77.20 Part 1: 76.40 Total: 76.80 |
| B. Sc (Hons.) in Zoology (2009) | A.P.C College | University of Calcutta | Part 3: 66.25 Part 2: 70.50 Part 1: 67.50 Total : 67.63 |
| Higher Secondary Examination (2006) | New Barrackpore Colony Girls' High School | W.B.C.H.S.E | 70.20 |
| Madhyamik Examination (2004) | Birati Mahajati Balika Vidyamandir | W.B.B.S.E | 75.25 |

Work Experience:

- Currently working as **Project Assistant** in *Agricultural and Ecological Research Unit (AERU)*, **Indian Statistical Institute**, Kolkata , project entitled “*Co-operative recovery mechanisms: a safe guard for minimizing extinction risk*”.

Paper Publication:

- **Majumder, P.**, Ray, P. P, *Hatch-Sens: a Theoretical Bio-Inspired Model to Monitor the Hatching of Plankton Culture in the Vicinity of Wireless Sensor Network* in International Journal of Computer Science and Information Technologies (IJCSIT), 2012, ISSN-0975-9646, Vol. 3(4), pp. 4764-4769.

Laboratory experience:

A) INSTRUMENT HANDLING:

Horizontal and Vertical Gel Apparatus, Phase contrast and Fluorescence microscope, PCR, Gel-documentation system, Laminar Air Flow, Refrigerated Centrifuge, Micropipettes and other common instruments of a laboratory.

B) TECHNIQUES KNOWN:

1. Molecular Biology:_ Restriction digestion of plasmid and chromosomal DNA, DNA and Protein (Native & SDS -PAGE) gel, Northern Blotting, Bacterial and *Drosophila* chromosomal DNA isolation, Plasmid DNA Isolation, etc.
2. Microbiology: Bacterial culture and Media preparation, Bacterial Handling and Sterilization.
3. Genetics: Chromosome Preparation from Bone Marrow and Polytene chromosome, Culturing and Handling of *Drosophila*, Karyotyping, DNA isolation from bone marrow etc.

Projects Completed:

- **“Genetic expression of bacterial bioluminescence”** at Presidency University, Kolkata in 2010-2011 while at M.Sc.

Seminar Attended:

- **“National Symposium on Dimensions of Animal Science Researches and Human Need”** held on 7-9th September, 2009 at Presidency University.

Personal Details:

- Date of Birth: 24/04/1989
- Gender: Female
- Alternate email id: majumder.plm@gmail.com

Languages Known:

- Bengali
- Hindi
- English

Declaration:

I hereby declare that all the information given above is true to my knowledge.

Place: Kolkata

Date:

Poulami Majumder