

## CURRICULUM VITAE

**Name** : **PARTHAPRATIM JANA**  
**Designation** : **Assistant Professor in Zoology Department  
Midnapore College (Autonomous)  
Midnapore- 721101, W.B**

**Education Qualification** : **M.Sc.**

**Permanent Address** : **Sujaganj (Maity Bagan),Po- Midnapore,  
Ps- Kotwali, Dist- Paschim Medinipur, 721101, WB**

**Contact Number** : **+91 9434368896**  
**Email Id** : **partha2921@yahoo.com**  
**Date of Joining** : **02.01.2001**

➤ **Area of Teaching:**

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➤ **List of research papers published in National/ International journals**

- Performed a Dissertation work under the supervision of Prof. Bidhan Chandra Patra, Vidyasagar University. The paper was entitled- **Comparison of Protein Content of Exotic Carp and Indian Major Carp.**
- Worked as a full time research scholar under **Prof. Ananta Kumar Ghosh, Department of Biotechnology, IIT Kharagpur** (December, 2003 – June, 2005) Working in the project entitled- **Construction, Characterization & Analysis of Expressed Sequences of Silk Worm.**

➤ **Technical Experience :-**

Microbiological Technique

- ✓ Handling and culture of different bacterial strains
- ✓ Cultivation and identification of microbial samples
- ✓ Microscopy, microbial cultures and samples preparation
- ✓ Growth, Isolation and identification of microorganisms
- ✓ Bacterial staining (such as Gram staining)
- ✓ Microbial isolation techniques (such as culture media, plating etc.)
- ✓ Competent cell preparation
- ✓ Transformation in bacteria
- ✓ Isolation of environmental bacteria
- ✓ Experience of working in viral system
- ✓ Transfection, plaque counting etc.

Other Technique

- ✓ DNA & Protein Electrophoresis
- ✓ Chromatographic Techniques
- ✓ Protein Purification

- ✓ Western Blot
- ✓ ELISA
- ✓ Spectrophotometric Measurements
- ✓ Basic Recombinant DNA Techniques
- ✓ cDNA Library Preparation
- ✓ DNA Sequencing
- ✓ PCR
- ✓ Northern & Southern Blot
- ✓ Gene Expression in Bacteria
- ✓ Data analysis and Interpretation
- ✓ Genomics and Proteomics

➤ **Awards/Achievements :-**

- ❖ Gold Medalist in B. Sc Examination
- ❖ 2<sup>nd</sup> position in M. Sc Examination
- ❖ Recipient Junior Research Fellowship from UGC

➤ **Professional Membership :-**

- ✓ Fellow, The Zoological Society, Kolkata.

➤ **Training/Workshop :-**

- ✓ Participated in a workshop in “Bioinformatics” organized by department of biotechnology, IIT, Kharagpur.

