

Teacher's Profile

Name: Mrs. Swapna Dey

Department [Specialisation]: Microbiology

Designation: Part Time Teacher (Govt approved)

Position Held [previous service]:

Bijoy Krishna Gils College, Howrah	Part time teacher	2004-2008
Surendranath College, Sealdah	Guest Lecturer	2015-2017



Date of Joining in Sarsuna College: 10/08/2002

Contact Information: Email: swapnadey2007@rediffmail.com **Phone:** 9831203259

Academic Qualification:

Degree	College/University/Institution	Year
B.Sc.	University of Calcutta	2000
M.Sc.	University of Calcutta	2002

Area of Teaching:

- General Microbiology
- Environmental Microbiology
- Immunology and Medical Microbiology
- Biochemistry
- Molecular biology
- Genetics and Cell Biology

Technical Experiences:

***BASIC MICROBIAL TECHNIQUES**

Pure culture isolation from air, soil, water, food, blood, stool, urine, sputum, Hemacytometer, Micrometry.

***MOLECULAR BIOLOGY**

PCR, plasmid and genomic DNA isolation, Transformation, gel electrophoresis

***IMMUNOLOGY**

ELISA, Widal test, Rocket electrophoresis

***FERMENTATION**

Alcohol and lactic acid production, immobilization of bacterial cells.

***BIOCHEMISTRY**

Enzyme Assay, TLC, Paper chromatography