

Afreen Jahan

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Objective

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the Research work.

Qualification

- 1) M Sc. In Applied Chemistry from Amity University Kolkata, India
- 2) B Sc. In Chemistry from Bhawanipur Education Society ,Calcutta University,India.
- 3) Class XII form St. Thomas' Girls' School ISC Board.
- 4) Class X form St Thomas' Girls' School ICSE Board.

Reasearch projects

Institute Name- Jadavpur University (Kolkata)

Project Title - Electrochemical Synthesis of Molybdenum Ditetelluride thin films which was used for sensing biological fluids.

During this project I have gained experience in using a cyclic voltameter and a UV visible Spectrophotometer

Duration- 2 months

Project

Institute name – Amity University Kolkata

Project Title – Synthesis of Highly Fluorescent Carbon Quantum Dots for Bio-imaging

During this project I learnt using a spin coater and made thin films of different viscosities .

I have learnt how to characterise the material with fluorescence spectroscopy. I have also prepared silver nanoparticles and formed composites with carbon quantum dots and found out how their characteristics varied.

Duration- 6 months

Skills

Instrumental Skills

-  UV Visible Spectrophotometer
-  Cyclic Voltameter

- ✚ Fluorimeter
- ✚ Spin Coater

Computer skills

- ✚ C Programming
- ✚ Visual Basic
- ✚ Origin
- ✚ Chem Draw

Personal Skills

- ✚ Laboratory skills
- ✚ Creativity

Personal Strength

- ✚ Time Management
- ✚ Team Work
- ✚ Can explain things well

Extra Curricular activities

- ✚ Class representative in Amity University Kolkata
- ✚ Take home tuitions at home (Maths and Science)

Hobbies and Interest

- ✚ Painting
- ✚ Reading Books

Personal Details

Date of Birth- 03/08/1995

Nationality- Indian

Languages- English, Hindi,Urdu, Bengali, German(Learning)

References

On further request

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.