

Name: Koelia Chatterjee

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Career Objective

To work in a healthy and innovative research environment, which is conducive to learn and grow at professional as well as personal levels.

Job Experience

- Worked as an intern in **Microbiology Laboratory**, in Continental Hospitals, Hyderabad, from 15th January, 2025 - 30th April, 2025
- Freelancing as **Private Tutor** for Graduation (BSc.) and Post Graduation (MSc.) students in Microbiology and Biotechnology, under Calcutta University, West Bengal State University and Burdwan University norms, from August, 2020 - December, 2024
- Worked in self-developmental initiatives, functioned as volunteer with different local NGOs working towards providing basic education to children residing in local slums
- Worked as **Project Fellow** in a DST-funded project, at GITAM University, Visakhapatnam, from April, 2015- May, 2017
- **3 years** as Private tutor (from 2009 to 2012) for Science (Physics, Chemistry and Biology) from class 8 to 12 (ICSE and CBSE boards)
- Teacher at Community Classroom Initiative at Bally, Howrah, for **2 years** (2010-2012) - Voluntary participation

Projects Undertaken

1. Worked as a **Project Fellow** (PF) in GITAM University, Visakhapatnam, for two (2) years (April 2015 – May 2017).

Topic: “Facilities for Drinking Water Quality Analysis and Monitoring In North-Coastal Districts of Andhra Pradesh”

Project funded by: Department of Science and Technology (DST), New Delhi.

2. Two (2) months **Summer Project** from University of Hyderabad, on ‘Electrochemistry and Nanotechnology’, during May to July 2013.

Topic: Formulation of Solar Cell using Gold nano-particles

Project funded by: The Indian Academy of Sciences

3. A minor project for presentation in **Indian Science Congress** (National Conference), 2013 session, from GITAM Institute of Science, GITAM University, Visakhapatnam, India

Topic: “Screening of solvents for dissolution of eggshells used for formulation of calcium supplements”.

4. A minor project from GITAM Institute of Science, GITAM University, Visakhapatnam, for presentation in a **National Conference** in Hyderabad, India
Topic: “Bromothymol blue impregnated paper- a device to detect urea adulteration in milk”
5. 2 months end-semester dissertation project from **GITAM University** during February to April, 2014.
Topic: Formulation of calcium supplements for poultry feed, using eggshells and mint leaves.

Academics

- **Master of Science in Microbiology** from **GITAM Institute of Science, GITAM University,** Visakhapatnam
- **Bachelor of Science in Microbiology (Honours)** from Institute of Science and Advanced Research, **West Bengal State University,** West Bengal.
- **Class XII (Indian School Certificate Examination)** from **Agrasain Balika Siksha Sadan,** Liluah, Howrah
Board: Council for Indian School Certificate Examinations, New Delhi
- **Class X (Indian Certificate of Secondary Education Examination)** from **Agrasain Balika Siksha Sadan,** Liluah, Howrah
Board: Council for the Indian School Certificate Examinations, New Delhi

Awards and Achievements

- Qualified **CSIR-NET LS (Lecturership), AIR 35,** in June 2016
- **2nd prize in oral presentation** in the paper entitled “Bromothymol blue impregnated paper- a device to detect urea adulteration in milk” at St. Francis College for Women, Begumpet, Hyderabad in the **Conference on Bio-inspired devices,** in 2013
- Selected as **Summer Research Fellow** by **The Indian Academy of Sciences,** to work under **Dr. Chanchal Kumar Mitra,** Professor, Dept. of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad, in 2013

Academic Activities

Oral presentation:

1. Conference on Bio-Inspired Devices, St. Francis College for Women, Begumpet, Hyderabad; **Title of the paper:** “Bromothymol blue impregnated paper- a device to detect urea adulteration in milk”.

Poster presentations:

1. Indian Science Congress Association 2013, Kolkata;

Title of the poster: “Screening of solvents for dissolution of eggshells used for formulation of calcium supplements”.

2. Indian Science Congress Association 2014, Jammu;

Title of the poster: “Calcium supplement formulation using eggshells and mint leaves for usage in poultry feed”.

Working Model presentation:

1. **GITAM Science Expo**, organised by **GITAM Institute of Science**, GITAM University;

Name of the Model: Erythroblastosis Foetalis

Core Qualifications and Skills

- Proficiency in written and oral communication
- Analytical thinking and creative problem-solving approach
- Time management, prioritization and administrative management within organisations
- Passionate about teaching and guiding students
- Creative classroom-management and lesson-delivery skills
- Empathizing with students, identifying their issues and collaborating with them to develop solutions for resolution
- Handling online learning tools, MS-Office, presentations and lesson-planning processes
- Adept at identifying different learning styles of students and catering to the same

Languages Known: English (full professional proficiency), Bengali (native proficiency), Hindi (full professional proficiency), Telugu (Beginner)

Declaration:

I do, hereby, declare that all the particulars stated above, are true to the best of my knowledge.

Koelia Chatterjee

Date: 05.02.2026

Place: Bahadurpally, Hyderabad