SAHANA DATTA

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🏠 Kolkata, West Bengal, India - 712139

SKILLS

- Microsoft Office Suite
- Team coordination
- Shift work experience
- Multitasking
- Time management
- Problem-solving
- Investigation management
- Case paper development
- Fluid and fingerprint analysis
- Crime scene investigation management
- Document exhibits
- Laboratory testing and analysis
- Research protocol development • Report writing
- Laboratory assistance

LANGUAGE

- English
- Bengali
- Hindi

SUMMARY

A dedicated forensic science professional with 1.5 years of experience as an Assistant Professor, specializing in forensic investigative techniques and forensic toxicology. Proficient in advanced forensic technologies and methodologies, ensuring accurate documentation and preservation of evidence. Demonstrates strong analytical skills, meticulous attention to detail, and a steadfast commitment to maintaining the integrity of the investigative process. Adept at handling high-pressure situations with professionalism and efficiency. Committed to ongoing professional development and staying current with the latest advancements in forensic science and crime scene investigation.

EXPERIENCE

09/2023- Present
Assistant Professor, Dept. of Forensic Science, Adamas University

Intern, 02/2023 - 04/2023
State Forensic Science Laboratory - Verna, Goa
- Toxicology Division: Analysis of common poisons from viscera through solvent extraction, Thin Layer Chromatography and Blood Alcohol Concentration determination using GC-MS
- Collaborated with management and team members on end-to-end project needs, organizing materials, facilitating communication and proofreading work.

Intern, 11/2022 - 11/2022
Siliguri Police Commissionerate - Siliguri, West Bengal
- Training at Detective Department, Cyber Crime P.S. and Women's P.S to analyze scene of crime

Trainee, 03/2022 - 04/2022
Regional Forensic Science Laboratory - Varanasi, Uttar Pradesh
- Worked meticulously in the Forensic Biology and Questioned Documents division to analyze real-time cases.
- Extraction of blood from exhibits and performing Ouchterlony Double Diffusion to determine species of origin.

CERTIFICATION

2024 June
FACT-PLUS Chemical Sciences

2023 December UGC - NET

EDUCATION

2021-2023
Master of Science, Forensic Science - Silver Medalist.Adamas University - Kolkata, WB GPA: 9.23
Dissertation in Blood Alcohol Concentration throughGC-MS analysis
Coursework in Forensic Toxicology, Forensic Biology,Ballistics etc

2020
Bachelor of Science - Chemistry, Zoology, Botany Asutosh College, University of Calcutta - Kolkata, WB GPA: First Class with 71% under 1+1+1 regulations

INSTRUMENTATION

- Trinocular Microscope
- Comparison Microscope
- Video Spectral
Comparator • UV-Visible
Double Beam
    Spectrophotometer
- Gas-Chromatograph-Mass
Spectrometer

ACCOMPLISHMENTS

- **Poster presentation entitled "Forensic Science in Wildlife Conservation" during 1st Global Summit on Sustainable Science and Technology, 2022**; organized during GS3T Global Summit on Sustainable Science and Technology Adamas University, Kolkata.

- **Participation in the 1st National Seminar on "Forensic Science in Judicial Enforcement: A way towards Progressive Justice**" organised by National University of Juridical Sciences, Kolkata.