

Aditi Saxena

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Career Objective

To acquire a responsible, challenging and rewarding position in a well recognized organization to utilize my knowledge, skills, experience and innovative approach for making myself grow along with the advancement of the organization.

Profile Summary

- Currently working at **Ennoble IP** as “**Patent and Research Associate**” in **Noida**.
- 1 years and 10 months of experience in “**Patent Drafting**”.
- **B.Tech in Biotechnology** (2015-2019) from Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Naini, Allahabad, U.P.

Professional Experience

- 1 year 10 months experience as “**Patent and Research Associate**” at **Ennoble IP, Noida**.
- Have a good knowledge in **Patent Drafting**.
- **2 years** experience as “**Biotechnologist**” in Agri Lab at **Cotecna Inspection Pvt.Ltd., India**.
- Faced **NABL Audit** with complete participation in completion and management of documents according to **ISO 17025** such as **SOPs, Calibrations, Validations, Verifications, IOPs and maintenance of daily records**.
- Experienced a great exposure with **Biotechnological** and **Microbiological techniques** and got many opportunities in **development of new testing parameters** in **Biotech lab** such as **Detection of adulteration in meat using SSR markers, DNA Fingerprinting for assessment of genetic diversity of Okra and Cotton using SSR as well as RAPD markers**.

Educational Qualification

Academic Course	Year of Passing	Institution	Score
B.tech in Biotechnology	2019	Sam Higginbottom University of Agriculture, Technology & Sciences	8.49 CGPA
Intermediate	2013	ICSE	74.4%
High School	2011	ICSE	88.4%

Research Experience

- **Development of new testing parameters in Biotech lab** such as **Detection of adulteration in meat using SSR markers, DNA Fingerprinting for assessment of genetic diversity of Okra and Cotton using SSR as well as RAPD markers** at Cotecna Inspection Pvt.Ltd., India.
- 6 months dissertation on **“Physiological and Microbiological parameter of Sangam Water during Kumbh 2019”**.
- Summer internship on **Chemical and Microbiological testing of Water for Injection in QC Department** at Aqua Vitoe Laboratories (**Pharmaceutical company**, an injectable faculty), Baddi, Himachal Pradesh from 1st July to 31st July, 2018.
- Summer internship on **Basic Techniques used in Bioprocess Engineering** at **Motilal Nehru National Institute of Technology (MNNIT), Allahabad** during June-July,2017.
- Hands-on training on **Basic Instrumentation and Advance Biotech Techniques** at MRD Life Sciences, Lucknow during June,2016.

Professional membership

- **Society of Biotechnology (SoB)**, Jacob School of Biotechnology and Bioengineering, SHUATS, Allahabad.

Conferences and Workshops attended

- Attended International Webinar on **“Covid 19 and Beyond:Future prospects in Biotechnology”** from July 9 to July 11,2020 organized by Department of Cellular and Molecular Engineering at SHUATS, Allahabad.
- **Entrepreneurship conclave** at SHUATS, Allahabad on March 1st ,2018.
- Workshop on **“Research Methodologies, Data Analysis and Stress Tolerance in Plants”** at Motilal Nehru National Institute of Technology [MNNIT] Allahabad during February,2017.
- Ideal workshop on **“Inoculating leadership qualities in students”** on November 5th,2015.
- **“National Cancer Control Programme”** organized at Girl's High School,Allahabad,for a period of fifteen days during August,2012.

Technical skills

- Basic Intellectual Property knowledge
- Patent Drafting
- Basmati Authentication test by Fragment Analysis using Genetic Analyser
- GMO Qualitative by Real Time PCR as well as by End point PCR
- GMO Quantitative by Real Time PCR as well as by End point PCR
- Salmonella Detection by PCR
- SSR Profiling

- RAPD Profiling
- Total Plate Count method
- Detection of Yeast and Mould
- Membrane filtration technique
- Minimum Inhibitory Concentration(MIC)
- Disc Diffusion Method
- Chemical testing of Water(TDS, TSS, BOD, COD)
- Microbiological testing of Water
- Water Sampling
- Preparation of a variety of media
- Handling of instruments in Quality Control laboratories
- Proper Gowning before entering biosafety labs
- Solid state fermentation
- Submerged state fermentation
- DNS method for sugar estimation
- Bioethanol production from bagasse
- Growth kinetics of bacteria
- Soxhlet and rotary evaporator
- SDS-PAGE
- Genomic DNA extraction

Professional Skills

- Good communication skills.
- Quite good at delivering presentations.
- Innovative approach to things.
- Confident and have great patience.
- Quick learner.
- Efficient and sincere at work.
- Work with a positive attitude.

Awards

- Certificate of Merit in Working Model competition organized by Society of Biotechnology, SHUATS on March 30th, 2017.
- Certificate of Merit in Microbiology Workshop on November 5th, 2015.
- Secured 1st position in Folk Dance in Xpressions'18: The JIBB Youth Fest on March 14th, 2018.

Extra - curriculars

- Active participation as a **Summer Intern** and **completed 100 hours of service** in **Lakshipur Village at Jhusi, Allahabad** in **“Swachh Bharat Abhiyan”** started by our Prime Minister Mr. Narendra Modi, during June 2018.
- Active participation in co-curricular activities organized in school and college namely debate, quiz, dance, poster making.
- Active participation in various sports events namely cycling, racing, badminton, swimming, march past.
- Active participant of **National Service Scheme(NSS)** from 2016 till date.

Personal Information

Date Of Birth(DOB): 04/09/1994

Languages known: English, Hindi.

Permanent Address: 23/47/86 kidwai nagar allahpur, Allahabad, Uttar Pradesh -211006

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