

SHRUTI SINGH

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EDUCATION

Guru Gobind Singh Indraprastha University	Bachelor of Technology in Chemical Engineering	2018– 2022	CGPA: 8.29
Dev Samaj Modern School	Higher Secondary Education	2015-2016	Percentage: 89.6%
Dev Samaj Modern School	Secondary Education	2017-2018	Percentage: 87.4%

JOBS

Technical Engineer I at ECOLAB, Pune

July 2022- January 2023

- Analyze water chemistry, system specific data, and electrical and mechanical components.
- Audit Cooling water, boiler, Membrane and DAF systems reviewing its performance.
- Troubleshoot upsets based on data coming to the web from Ecolab's proprietary control units located at customer sites.

INTERNSHIPS

Internship Trainee at CSIR- Institute of Genomics and Integrative Biology

June- July 2019

- Understood the basic principles of Molecular Biology techniques in the field of Tuberculosis.
- Worked on finding new diagnostic technique of the disease.

Student Trainee at India Institute of Chemical Engineering

Feb- April 2021

- Studied and gained insights on the various chemical process technologies.

PROJECTS

Synthesis of activated charcoal adsorbents from rice straw

October,2021- June 2022

Dr. Vinita Khandegar

- Synthesis and characterization of adsorbents produced from rice straws

PUBLICATIONS

- 'Detection of Mycolic Acid Implying the Presence of Mycobacterium Tuberculosis H37Rv in Host', Scholars Academic Journal of Biosciences, August 2021.

SKILLS

- Technical Skills:** Aspen, MATLAB, Microsoft Office, C++ (basic)
- Soft Skills:** Communication, leadership, teamwork, time management, problem solving
- Interests:** Volleyball, photography, music and instruments

POSITION OF RESPONSIBILITIES

- Team captain:** Volleyball, Annual Sports Meet, 2018 and 2019
- Event coordinator:** Anugoonj, Cultural Fest, 2018 and 2019
- Organizer:** Debate competition, Science Club, 2019