



SUMAHITHA INJETI

Profile

Recent B.Tech Chemical Engineering graduate with a solid foundation in chemical processes and MATLAB programming. Seeking to apply my analytical and problem-solving skills in a dynamic engineering

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Education

- B.Tech in Chemical Engineering
Jawaharlal Nehru Technological University (JNTU), Hyderabad | May 2024
- Intermediate (MPC) State Board of Interr Education, April 2020 with 89%.
- SSC, Telangana State Board of Secondary Education | April 2018 with 9.7 GPA

Skills

Chemical Engineering: Knowledge of chemical process simulation, thermodynamics, and reaction engineering.

MATLAB: Proficient in MATLAB for data analysis, numerical methods, and process design.

Analytical Skills: Strong ability to analyze and interpret data to solve complex engineering problems.

Teamwork: Collaborative team player with experience working on group projects.

Communication: Effective communicator with the ability to present technical information clearly.

Internship

EQUIPMENTS AND TECHNIQUES IN PHARMA INDUSTRY

Completed minor project at GLOCHEM INDUSTRIES PRIVATE LIMITED, Hyderabad | 15 May, 2023 - 27 May, 2023
- Learnt the concepts of effluent treatment plant (zero liquid discharge plant) and various departments and reactors in pharma industry.

Major Project

GREEN SYNTHESIS OF ZnO/TiO₂ NANO COMPOSITES FOR HYDROPHOBIC APPLICATIONS -Learnt the syntheses of metal oxide-based nanoparticles, specifically TiO₂ and ZnO, with controlled size and morphology using green synthesis. These nanoparticles were characterized using advanced methods including the XRD, FTIR and UV spectroscopy confirming their structural integrity and uniform size distribution.

Achievements & Participation

- Participated in International Workshop on 'Creating Profound Impact Through Multidisciplinary
- Collaborations CPIMC-2022' Organized by PETT Department, CSIR- IICT, Hyderabad held on November 28th and 29th, 2022.
- Participated in International Conference on 'Innovations in Engineering and Technology ICIET2022 held on September 15th to 17th, 2022.
- Participated in International Congress on 'Recent Advances in Chemistry and Chemical Engineering ICRCACE-2022' conducted by Department of Chemistry, JNTUHUCEH on December 13th to 15th, 2022.
- Participated in one day workshop 'Sustainable Waste Management Technologies conducted by department of Chemical Engineering JNTUHUCEH on 7th April, 2022.
- Participated two day Workshop on Machine Learning & AI organized by IIT Hyderabad, 12-13th November 2022, at IIT Hyderabad