Priyanka Sira Prakash

Graduate Student

Profile

I am a graduate researcher with a safety background and a strong focus on **fermentation and bioprocessing**, specializing in upstream and downstream operations in bioreactors, scale-up, and process development for sustainable biochemical production.

Hobbies

- Yoga , Meditation
- Hiking
- Cooking
- Travelling
- Reading

Contact

LinkedIn:
linkedin.com/in/priyankasiraprakash/

Education

MEng in Chemical Engineering 2024 –Present
Texas A & M University, College Station, TX

B.E in Chemical Engineering 2011-2015
Siddaganga Institute of Technology, Tumkur, Karnataka

Experience

Student Technician May 2025 - Present
Dr. Aristos Aristidou's Lab

Business Owner Dec 2017 – Feb 2024

Accenture Solutions Pvt. Ltd. India Aug 2015 - Nov 2017
SAP EWM Functional Support Engineer

Industrial Training Jul 2014 – Aug 2014
Karnataka Soaps and Detergent Ltd

Skills and Instrumensts Handled

1. Design of Experiments (DOE) with JMP
2. Handling Lab-Scale Chemical Reactors (Batch Reactor)
3. Operating HPLC for Analyte Analysis
4. BenchTop Centrifuge, Autoclave Machine, Cell Density measurement, UV-Spectrophotometer & Microscope
5. Kühner MIKE3 MIE Device Operation
6. SAP MM & SAP EWM
7. C++ & C Programming, Python, MATLAB, Microsoft Office Suite.

Academic Achievements

- Received the Graduate Fellowship Award from the Artie McFerrin Department of Chemical Engineering for two consecutive years.
- Awarded *Mentoring Academy Fellow* by the Graduate Mentoring Academy, Texas A&M University.
- Awarded 6 gold medals for academic excellence during bachelor's degree.