

# Shraddha S Shetty

Chemical Engineer Graduate

## CONTACT

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## SKILLS

### Software

Solidworks | Ansys | Unisim Design |  
Matlab | CHEMCAD

### Soft Skills

Team Work | Communication | Time  
management | Creativity

## LANGUAGES

English | Kannada | Hindi

## HOBBIES AND INTERESTS

- Listening to music
- Watching movies
- Drawing

## SUMMARY

A graduate engineer who is a highly ambitious, motivated and passionate about learning new concepts and work in multi-disciplinary role in accordance with vision and mission of the organization.

## EDUCATION

**Bachelors of Engineering (B.E): Chemical Engineering** Aug 2018 - Aug 2022  
CGPA: 9.1  
R V College Of Engineering, Bengaluru

**Pre-University: Science stream(PCMS)** Jun 2016 - Mar 2018  
96.67%  
Karkala Jnanasudha PU College, Udupi

**SSLC** Mar 2016  
94.88%  
St. Lawrence English Medium High School, Udupi

## INTERNSHIP

**Intern** Sep 2021 - Nov 2021  
Terra-Green Technologies Pvt. Ltd., in association with Projects & Environment.

- Virtual training on Matlab and Chemcad software.
- Applications of zero and first-order reactions based on trained software.

## PROJECTS

**Development of cellulose acetate membrane for the separation of oil-water emulsion (Major project)** Apr 2022 - Jul 2022

- Conducted literature review to find suitable membrane material and solvents.
- Fabricated the membrane in the laboratory using different solvents and tested, it to find the membrane with good efficiency.
- Published a research article in the Asian Journal of Water, Environment and Pollution.
- Lead a team of four to successfully complete the project in duly time.

**Development of membrane for the separation of methane from biogas (Minor project)** Apr 2021 - Jul 2021

- Conducted a rigorous literature review to find a suitable membrane for the separation of gases.

**Molecular Docking Studies of 5-Aminopyrazole derivatives against protein kinases as drug targets** Jul 2019 - Feb 2020

- Studied physiochemical effects of ligands on cancer proteins using biocomputational tools like AutoDock, Avogadro, and Discovery Studio Visualizer.
- Published the work at International Conference on Drug Discovery.

## CERTIFICATIONS

**Data Science (Coursera)**

Dec 2022 - Present

**Polymers: Concepts, Properties, Uses and Sustainability**

Sep 2020 - Dec 2020

- Secured Elite grade in the NPTEL Certification course conducted by IIT Madras.

## OTHER ACTIVITIES

- Volunteered and lead the production and design team of a national level techno-cultural fest- React 2020 and 2022 (Associated with R V College of Engineering).
- Volunteered for Jal Jeevan Mission in Hirgana gram panchayat (Udupi) for a period of one month as a part of AICTE activity points.
- Student member of the Indian Institute of Chemical Engineers (IICChE).