

JANUMULA SHRAVANI

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SUMMARY

Detail-oriented and analytical pharmaceutical engineering student with a strong foundation in problem-solving, data analysis, and technical expertise. Proficient in Python and proven ability to work collaboratively, think critically, and adapt quickly to new situations. Seeking to leverage my skills and knowledge to drive innovation, process improvements, and business growth in a dynamic and forward-thinking organization.

EDUCATION

BV.RAJU INSTITUTE OF TECHNOLOGY
Pharmaceutical Engineering
2021 - 2025
CGPA-7.5

VIGNAN JUNIOR COLLEGE
2019-2021
Percentage-95.5%

LITTLE FLOWER HIGH SCHOOL
Percentage-95%

INTERNSHIP

GANAPATHI BIO FUEL LTD | 2024

- Understood the ethanol production process including fermentation and distillation using plant-based raw materials like corn and sugarcane.
- studied its uses in transport and industry, and analyzed its pros and cons as a sustainable fuel alternative.

SKILLS

Core Skills:

Pharmaceutical analysis, Regulatory affairs, Drug formulation, Industrial pharmacy, Quality control and assurance, Heat and mass transfer, chemical process thermodynamics.

Soft Skills:

- Problem solving and analytical thinking.
- Communication and Teamwork.
- Adaptability and continuous learning.

Technical Skills:

Basics of C, Python

PROJECTS AND RESEARCH

Minor Project: Minor Project: Green Synthesis of Copper Nanoparticles Using Manila Tamarind Shell Extract Synthesized and characterized Cu-NPs using eco-friendly methods. Utilized analytical techniques: UV-Vis Spectroscopy, SEM, FTIR and XRD. Demonstrated antioxidant, antibacterial, and dye-removal capabilities.

Major Project: 3D-Printed Oral Patch for Rapid Delivery of Varenicline Developed a fast-dissolving oral patch using SSE 3D printing. Achieved rapid disintegration (≤ 38 sec) and full drug release in 5 mins. Conducted FTIR, DSC, XRD, and SEM for characterization. Ensured uniform drug content, and patient-friendly pH. Improved bioavailability and compliance in smoking cessation therapy.

LANGUAGES

- Telugu
- Hindi
- English