M.srisowkhya Reddy

Email: srisowkhya74@gmail.com Phone: 9741716177 Location: Hyderabad

Professional Summary

> Motivated Clinical Research Associate with a postgraduate degree in Botany and extensive lab handling experience from Gulbarga University. Certified CPC professional with a strong clinical research and medical coding background, demonstrating proficient lab techniques and data management skills to drive impactful research initiatives and optimize clinical documentation processes.

Projects

Biomedical Research on Dodonae Viscosa Extracts for Antimicrobial and Anticancer Applications

Technologies: Chromatography, Spectroscopy, UV Spectrophotometry, Centrifugation, Soxhlet Extraction, Bioassay Techniques, Data Analysis

Conducted comprehensive research on the therapeutic potential of Dodonae viscosa plant extracts, evaluating their efficacy against fungal and bacterial pathogens as well as human intestinal cancer cells. Implemented advanced analytical techniques to quantify bioactive compounds and determine antimicrobial and anticancer properties. Achieved a 30% reduction in fungal growth and a 45% inhibition rate in selected bacterial strains, demonstrating significant antimicrobial potential. Additionally, observed a 25% decrease in cancer cell viability, showcasing promising anticancer activity. Utilized chromatography, spectroscopy, and UV spectrophotometry to isolate and characterize bioactive components, contributing to the understanding of natural product-based treatments for infectious diseases and cancer therapy.

Education

BSC

2021-12-10

Gulbarga university | Humnabad

GPA: 7.34

Bachelor of Science in Chemistry and Botany from Gulbarga University
Relevant Coursework: Analytical Chemistry, Organic Chemistry, Plant Physiology, Biochemistry, Data Management, and Research Methodology
Achievements: Completed 15+ laboratory experiments, developed strong data interpretation and management skills through hands-on research and documentation projects, and maintained a distinguished academic record with a 7.8 GPA.

Certifications

Clini launch research institute | 2025-09

Skills

•Ensured compliance with Good Clinical Practice (GCP) •Developed and followed study protocols •Conduct site monitoring visits •Managing regulatory submissions•Electronic data capture (EDC) systems •Operational clinical trial management systems (CTMS) Performed data collection and validation •Generating detailed trial reports •Conducting quality assurance activities