

GANTALA SARVA SAI NIKHILESH

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OBJECTIVE

To obtain a challenging position in the area of research and development for a rapidly growing organisation where i can utilize my technical and managerial skills.

EDUCATION

M. Tech

2020-2022

Biotechnology

Andhra University, Visakhapatnam, INDIA

CGPA : 8.5

B. Tech

2016-2020

Biotechnology

GITAM(Deemed to be University), Visakhapatnam, INDIA

CGPA : 8.55

EXPERIENCE

DRDO - DFRL

Jan 2022- July 2022

Working on the "Isolation & Characterization of Epsilon Poly L lysine producing bacterial isolates".

Performed microbial analysis by using laminar air flow, orbital shaker and incubator, next the work is extended with genetical analysis by using techniques nanodrop, PCR, Bioinformatics tools and finally the quantification of epsilon polylysine.

BRANSUN Labs LLP

May 2019 - June 2019

Performed Lab scale and Pilot scale fermentation process

VISAKHAPATNAM

STEEL PLANT

November 2018

Conducted research in Mechanical Biological & Chemical Plant (MBC) for process efficiency parameters.

NATCO Pharma PVT LTD

May 2018 - June 2018

Performed analysis of drug samples using High-Performance Liquid Chromatography and Gas Chromatography.

PUBLICATIONS

June 2022

A book chapter on "Role of Chitosan and Chitosan-based nanocomposite membranes in the removal of synthetic dyes from effluent wastewaters". (communicated)

November 2020

A book chapter on "Healthcare application in Biotechnology" published in the book titled "Biotechnology for sustainable development."

December 2018

An article on "Industrial Production of Lactic Acid and Its Applications" published in International Journal of Biotech Research (IJBR).

PROJECTS

Dec 2019 – March 2020

A major project on, "Optimization of Fruit chocolate using response surface methodology".

June 2019 - October 2019

A mini project on "Applications of MRI in Fruit Quality Assessment".

March 2018 - February 2019

A research project on "Biosorption of Dyes using Biogenic Zinc Oxide Nano Beads".

ACHIEVEMENTS	
	PGCET - 2020 — STATE RANK - 7
CONFERENCE AND TECHNICAL FESTS	
February 2019	Organized BIOINNVIDA 2k19 technical fest, conducted by the Department of Biotechnology, GITAM Institute of Technology.
November 2018	Attended a workshop on Recent Advances in Diagnostics and Therapeutics in Infectious Diseases , conducted by GITAM Institute of science.
August 2017	Participated in AP bio international conference , organized by GITAM university, in association with numerous Biotechnology and Pharmaceutical industries including AUROBINDO, NATCO, and DIVIS LABORATORIES
July 2017	Volunteered as a logistics manager in BIOINNVIDA 2017 technical fest, conducted by the Department of Biotechnology, GITAM Institute of Technology
EXTRA CURRICULAR ACTIVITIES	
2016 - 2020	Various Swachh Bharat (Clean India) events across the district of Visakhapatnam.
2019	National Coastal Cleaning Program , Vizag.
2017 - 2020	Numerous Blood donation camps in the city of Vizag.
2019	Health-Utopia , GITAM Institute of Medical Sciences and Research (GIMSR).
2019	As a member of National Service Scheme (NSS) , volunteered and organized the following: •NSS camp themed Health & Hygiene -2019 , conducted in a local government primary school.
2016	Developed a proof of Concept (POC) for User Interactive Menu & Billing System. (GCIED)
SKILL SETS	
July 2016 – August 2022	<p>Hands-on experience with equipment (Centrifuge, Electrophoresis, Nano drop, Bioinformatics tools, Spectrophotometer).</p> <p>Monitoring and maintenance of fermentation parameters.</p> <p>Basics in Python programming, Unity.</p> <p>Fundamentals in MATLAB.</p> <p>Avid analytical skills and presentation skills.</p>