



# SAKSHI RAJPUT

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**CAREER OBJECTIVE:** A highly skilled and dedicated biotechnologist with a strong academic foundation and passion for Applying cutting-edge scientific knowledge to solve real-world challenges .Equipped with solid understanding of biotechnological principles and process optimization committed to advancing the field of biotechnology.

## EDUCATION

**JUNE 2024**

**MASTERS IN SCIENCE, RAJARSHI SHAHU MAHAVIDHYALAY (AUTONOMOUS) DEPARTMENT OF BIOTECHNOLOGY, AFFILIATED TO SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED. CGPA-7.77**

**JUNE 2022**

**BACHELOR IN SCIENCE, RAJARSHI SHAHU MAHAVIDHYALAY (AUTONOMOUS) DEPARTMENT OF BIOTECHNOLOGY AFFILIATED TO SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED. CGPA-7.34**

## EXPERIENCE

**PROJECT ASSISTANT-I AT CSIR-CENTER OF CELL AND MOLECULAR BIOLOGY (CCMB)HYDERABAD**

- A novel approach to safely induce immunogenic cell death in tumor microenvironment as potential breast cancer therapy.

**TRAINER, RAPTURE BIOTECH, HYDERABAD 14/06/2024-14/09/2024**  
**Maintain cell line, Cytotoxic assay, Transfection, Cloning, Teaching**

**DISSERTATION. 24/08/2023-28/02/2024**

**CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY (IICT)HYDERABAD**  
**“Synthesis and Cytotoxic Evaluation of Novel Triazole Linked Fluorinated Thiazolidinone Derivatives”**

**INDO BRITISH GLOBAL SCHOOL ,Ambajogai**  
**Teachers from 1st std to 5th std.**

**RAJARSHI SHAHU MAHAVIDYALAYA AUTONOMOUS,LATUR**

**“Isolation and Characterization Of Nine Months Old Fermented Rice Water”**  
**2022**

## **SKILLS**

<ul style="list-style-type: none"><li>● Mammalian cell culture</li><li>● Rodent handling</li><li>● Flow cytometry</li><li>● PCR</li><li>● Blotting(western,northern,southern)</li><li>● SDS PAGE</li><li>● Agarose gel electrophoresis</li><li>● Isolation of DNA,RNA,Protein</li><li>● Infrared spectroscopy</li></ul>	<ul style="list-style-type: none"><li>● Bioinformatics</li><li>● Column Chromatography</li><li>● Scifinder</li><li>● Immuno assays</li><li>● Synthesis and Characterization of Nanoparticles</li></ul>
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## **ACHIEVEMENT**

- **PUBLICATION**

Study of Antagonistic action of Bacteriocin isolated from gut region of *Oreochromis niloticus* (Linn.1758) IJRAR.ORG

- **NCBI REGISTERED BACTERIAL STRAINS**

Accession Number	Bacterial Strain
OQ151990	Bacillus cereus
OQ231509	Bacillus subtilis
OQ306563	Bacillus sp.
OQ30655	Bacillus thuringiensis

- **AWARD**

- 9<sup>th</sup> National Student Poster Competition Bio-insight 2023 Winner (First Prize).
- 8<sup>th</sup> National Student Poster Competition Bio-insight 2023 Winner (Third Prize).
- District level Avishkar participant 2023.

## **DECLARATION**

**I hereby certify that the above given data are true and correct to the best of my knowledge and understanding.**