
Kiran Sikakollu

Kiran sikakollu Lingapalem (m) 📍 534462 Eluru (D) Andhra Pradesh
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Objective

graduate with practical experience in laboratory techniques such as PCR, gel electrophoresis, and microbial culture. Seeking a challenging entry-level position to leverage my skills in a collaborative research environment and drive advancements in biotechnology.

Experience

- **Provis Biolabs, pvt Limited (Kukatpally, Hyderabad)** 04-12-2023 - 05-03-2024
Internship

- * **Practical lab skills**, understanding of industry standards, experience with specific techniques .
- * **Techniques**: Hands-on experience with techniques such as DNA extraction, plasmid preparation , PCR, gel electrophoresis, and spectrophotometry., agarose gel electrophoresis, SDS page,
- * **Lab Management**: Knowledge of lab safety protocols, equipment maintenance, and inventory management.

Under :
Conducted laboratory experiments under the supervision of senior researchers.
Assisted in the preparation of lab reagents and media.

Education

- **Acharya nagarjuna University**
M.Sc Nano biotechnology ,Acharya nagarjuna University college of science 2024
70 %
- **Adikavi Nanaya University**
B.Sc (B.Z.C) Sir Cr Reddy degree college 2022
75%
- **The board of intermediate education**
APSWRS & JC for boys L.B cherla ,Narsapur 2019
69%
- **Board of secondary education**
ZPH highscool lingapalem 2017
73%

Skills

- Basic Laboratory Skills: * Pipetting techniques * Use of microscopes * Sterilization methods (autoclaving, flame sterilization) * Preparation of solutions and media. * Understanding of Good Laboratory Practices (GLP)
- Molecular biology techniques: * Gel electrophoresis. * PCR (polymers chain reaction). * DNA extraction. * Plasmid preparation
- Chromatography techniques : HPLC * Basic understanding of High Performance Liquid Chromatography (HPLC) principles and techniques. *Affinity chromatography basics

Projects

- **PILOT SCALE FERMENTATION STUDY Of RDO2-24 CLONE**
fermenter operations :
 - * Assisted in setup and operation of fermenters, maintaining sterile conditions.
 - * Monitored fermentation parameters (pH,) temperature, dissolved oxygen) to optimize production.
 - * Conducted sampling and analysis for quality control.
 - * Documented experimental procedures and results in detailed technical reports.

Activities

- Workshop : National seminar workshop on application of RT-PCR in health and aque diagnostic. Certificate course: Massive online course (cultural tourism of India) &(life skills)

Languages

- Telugu English Hindi

Workshop :

National seminar workshop on application of RT-PCR in health and aque diagnostic.

Certificate course:

Massive online course (cultural tourism of India) &(life skills)

Languages :

Telugu , English,

Hindi - learning