

## SUMMARY

I'm a self-motivated biotechnologist. Aiming to build a strong career through hard work, devotion, dedication, constant learning approach to provide solution-oriented service and ability to take new responsibilities and challenging.

## WORKING EXPERIENCE

**Manager, Research & Development, 09/2022 - 09/2024**

**RR Animal Health Care Ltd - Hyderabad, India**

- Coached, mentored and trained team members in order to improve their job performance.
- Conducted regular meetings with staff to discuss progress and identify areas of improvement.
- Initiated new projects that resulted in increased productivity.

**Sr. Executive Production, Management & Research Associate, 07/2021 - 08/2022**

**RR Animal Health Care Ltd - Hyderabad, India**

- Created policies and procedures that ensured compliance with applicable laws and regulations.
- Monitored industry trends and changes in customer demand to adjust business strategies accordingly.
- Led executive level meetings focused on setting company objectives, resolving issues, and addressing opportunities.

**Junior Scientist, 06/2020 - 06/2021**

**RR Animal Health Care Ltd - Hyderabad, India**

- Developed experimental protocols and techniques to analyze biological samples.
- Conducted research studies in collaboration with senior scientists.
- Presented findings at scientific conferences, seminars, and workshops as needed.

**Detection Of Nicotine and Caffeine in Flavored Hookah by HPTLC Internship Training -**

**06/2019 - 07/2019**

**Telangana State Forensics Science Laboratory**

**Analysis of anti-nutrients in spinach and soybeans**

**Internship Training - 05/2018 - 06/2018**

**Bioworld Research technologies**

## PROFILE SNAPSHOT

- **Developed and manufactured (WHO) and ICMR approved COVID diagnostic kits.**
- **Cultured probiotic Bacillus strains, ensuring stability and efficacy for application in animal health.**
- Working experiences in Quality Control parameters checking in-process, batch release of final product and relevant documentation as Quality Assurance work.

## TECHNICAL EXPERIENCE

- **Instruments Handling:** Nano drop, Fermenter, Lyophilization, Hemocytometer, Microscope, Electrophoresis (Agarose, SDS PAGE), UV spectrophotometer (TECAN), Spectrofluorometer, Colorimeter, Ultra sonicator, Centrifugation and Chromatography, Gel doc, Western blot, thermocycler, HPLC.
- **Immunology:** Double Immunodiffusion Technique, Counter current immunoelectrophoresis, Immunoglobulin precipitation/purification, serum protein separation by SDS-PAGE, Assessment of polyclonal antibodies in serum.
- **Basic Animal biotechnology:** Cell isolation and Culture, MTT Assay, staining techniques (DAPI, PI)
- **Molecular biology:** DNA extraction, PCR, ELISA, Western blot.

## EDUCATION

**2020**

B.Tech , Biotechnology

Sreenidhi Institute of Science and Technology, Hyderabad, India

GPA: 9.33

**2015**

Intermediate-BiPC

Sri Chaitanya junior college

GPA: 9.14

**2013**

SSC

ST Claret high school

GPA: 8.5

## SKILLS

- Basic knowledge of GLP and GMP.
- Instrumentation handling.
- Problem solving & Critical thinking.
- Time Management
- Project Management

## ACTIVITIES

- Volunteer of National Service Scheme (NSS)
- Organizer for Sreevision 19 conducted by ISTE-SNIST and ICC

## PERSONAL

## INFORMATION

- Gender Female
- Religion: Hindu
- Father's Name: Arrolla Vishnu vardhan Reddy
- Marital Status: Unmarried
- Date of Birth: 03/29/1998
- Nationality: Indian

## LANGUAGES

- Telugu: First Language -C2
- English: Advanced level -C1
- Hindi: Upper intermediate -B2

## REFERENCES

- Dr. K.S.R Siva Sai, Head of Biotechnology Department, Sreenidhi Institute of Science and Technology, Ghatkesar, Hyderabad, Telangana, +91 9949128880, ksrivasai@sreenidhi.edu.in
- Dr. Labanyamoy Kole, Research & Development Head, R.R. Animal Health Care Limited, Adarsh Nagar Colony, Nagole, Hyderabad, Telangana, 500068, +91 9663393869.
- Dr. Debashis Dutta, Managing Director, R.R. Animal Health Care Limited, Adarsh Nagar Colony, Nagole, Hyderabad, Telangana, 500068, +91 9440616346, dr.dutta@rrahc.in
- S K Dash, Managing Director, Consytel Life Sciences Pvt Ltd., CCMB Annexe 2, Medical Biotechnology Park, Hyderabad, Telangana, 500039, +91 9030739849, consytelbiz@gmail.com

## ACCOMPLISHMENTS

- Involved in preliminary data development for awarded BIRAC-BIG grant call-17- "Extraction and Purification of IgY antibody of poultry Bacterial Consortium from chicken eggs."
- Received appreciations for COVID kit development from central cabinet health minister & was referred by honorable PM at his "Mann ki Baat" program.
- Involved in development of ICMR approved COVID diagnostic kits in collaboration with IIT Guwahati as Sr. Executive production & management

## PUBLICATIONS

- OVERVIEW OF INGREDIENTS IN MEDIA FORMULATION FOR RECOMBINANT PROTEIN PRODUCTION, Journal of Innovations in Applied Pharmaceutical Sciences, VOLUME-8, ISSUE-2, 2023 (Review Article)
- QUICK VIEW ON BACTERIAL TRANSLATION ANALYSIS WEB TOOLS, The Journal of Multidisciplinary Research, DOI: 10.37022/tjmdr.v3i2.468 (Review Article)
- DATABASE AND ONLINE TOOLS THAT ARE PARTICULARLY USEFUL FOR ANALYSING E.COLI TRANSCRIPTION, Journal of integral sciences, VOLUME 6, ISSUE 2, 2023 (Review article)

## PROJECTS

- DEVELOPMENT OF IGY-BASED IMMUNOPROPHYLAXIS IN POULTRY: A NOVEL APPROACH FOR EPIDEMIC PREVENTION.
- IGY DETECTION AND BIOAVAILABILITY STUDIES IN POULTRY
- DEVELOPMENT OF NATURAL AMMONIA BINDER FOR CONDITIONING OF WATER QUALITY IN AQUACULTURE.
- INTRA-HEPATIC DELIVERY OF NANO-ENCAPSULATED COMPOUNDS FROM PUNICA GRANATUM: A NOVEL DRUG FOR MALARIA ELIMINATION.

## DISCLAIMER

- I ARROLLA LEKHA hereby admit that above written particulars are true and correct to the best of my knowledge and belief.