**CURRICULUM VITAE**

# Raja Badavath

# Lalyathanda(V) Kamepally (M)

Khammam(D) **[Email:rajanaik1857@gmail.com](mailto:somasanjeev8@gmail.com)**

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**OBJECTIVE**

To be associated with a progressive organization that gives me scope to update my knowledge and skills in accordance with latest trends and be part of a team that works dynamically towards the growth of the organization and gains satisfaction hereof.

# PROFESSIONAL EXPERIENCE

**2022 (August):Prasent working in aragen life science Hyderabad (r&d) as a research associate.**

**2021(November):** Working in Novick Bio Sciencce, Hyderabad, as a **Sr Chemist**

In Contract research organization **(r&d)**

**2020(Feb )-Nov 2021 :** Worked in Reddy N Reddy Pharmaceuticals, Hyderabad as a

**Chemist** in Contract research organization **(r&d).**

**SKILLS**

* Developing novel and efficient synthetic routes for scale-up.
* Lead a team of three chemists in implementing projects in a GLP laboratory, ensuring accurate documentation of experiments and results.
* Structure elucidation of compounds using spectroscopic techniques such as NMR, LCMS, GC,andIR.

# REAGENTS HANDLED

* Gained skills in reduction reagents like borohydrides (NaBH4, LiBH4, Boran THF, etc.), metal hydrides (LiAlH4, DIBAL-H, etc.), metal acid systems and hydrogen pressure reductions from milligram to grams.
* Expertise in oxidation reactions using Jone’s reagent, MnO2, m-CPBA, PCC, PDC, Dess-Martin Periodinane.)
* Skillful handling of alkyl lithium, alkyl Grignard and other moisture sensitive organometallicreagents.
* Performed peptide coupling reactions with coupling reagents like DCC, EDCI-HOBT.
* Halogenations of different compounds using succinamide reagents like NCS and NBS, PBr3, with direct halogens and with SOCl2, POCl3 and PCl5.
* Sufficient knowledge in handling of all types of palladium reagents.
* Performed Coupling reactions with like Pd Catalyst

# Technical competence:

* Synthetic experience to work from milligram to gram scale
* Monitoring progress of reactions through TLC, HPLC, LCMS and GCMS.
* Expertise in column purification over silica and neutral alumina, and Purification of liquid compounds through vacuum distillation.
* Expertise in operation of catalytichydrogenation.
* Capable of performing various air and moisture sensitive reactions.
* Identifying experimental problems and resolve themindependently.
* Interpretation of NMR, IR & Mass (GC-MS,LCMS).
* Delivery of projects within time lines with required parameters.

# Academicprofile:

* M.Sc (Organic Chemistry), from Osmania University,Hyderabad during the period 2014-2016.
* B.Sc (Chemistry), from Kavitha Memorial Degree Colleg*e*, Khammam (Kakatiya University), T.S during the period 2008-2011.
* Intermediate (Bipc) from chaitanya junior college khammam 2006-2008

# Computer Knowledge:

* Basic fundamentals & Operational Knowledge of computers, operation of ISIS draw, chemdraw, reaxys search, literature collection,etc.

# Strengths:

* Ability to organize coordinate activities and motivate others through leadership and positive outlook.
* Capacity to learn quickly and use innovative knowledge concisely and accurately.
* Coordinate effectively, constructively and productively with all supportive functions during optimization of new process.

# Personal Profile:

**Name** : RAJA BADAVATH

**Father’sName** : VEERANNA

**MaritalStatus** : Married

**DateofBirth :** 02/07/1990 (DD/MM/YYYY)

**Languagesknown :** English, Telugu and Hindi

**Declaration:**

I hear by declare that the above mentioned profile is correct to the best of my knowledge and belief.

Place: Hyderabad Date:

RAJA BADAVATH