

## CURRICULUM VITAE

**CH. SAIPRASANTH**

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### OBJECTIVE:

Looking for a challenging and growth-oriented position in **R&D** of dynamic organization, where I can enhance my skills and strength in conjunction with organization's goal and objectives.

### ACADEMIC QUALIFICATION:

- Master of Science (ORGANIC) From **Bhavans New Science PG College, Osmania university**, with **61.5% in 2016** Hyderabad.
- Bachelor of Science (BT.Z.C) from **Priyadarshini Degree & PG College, KOTHAGUDEM** affiliated to **Kakatiya University** With **64.55%** in 2014.
- Intermediate (**Bipc**) from **GOVT Junior College, V.R.PRAM Khammam(Dist.) Andhra Pradesh** with **67.05%** in 2011.
- **S.S.C** from **ZPSS SCHOOL, BHADRACHALAM** with **60.66%** in 2009.

### RESEARCH EXPERIENCE:

- Presently I am working as a Senior Research Associate in **Aragen Life sciences Bangalore** . 1<sup>st</sup> December 2021 to Still Date Now.
- Former as a Research Chemist in **TCG Lifesciences Pvt. Ltd, (CHEMBIOTECH)** Kolkata. 2.2 years chembiotech experience.
- Former as a **Associate-2 (Pd Generics) Pd synthesis** in **Laurus Labs Pvt Ltd, HYD.** 2.8 years LAURUS Experience.

## REAGENTS HANDLED

- *t*-BuLi, *n*-BuLi, DIBAL-H
- LDA, LAH, Raney Ni, Pd/C
- Na metal, NaH, Acid Chlorides
- RMgX, Bromine, AlCl<sub>3</sub>, TBAF
- Oxidation & Reduction Reagents
- Pd Catalysts (Pd(dba)<sub>3</sub>, Pd(PPh<sub>3</sub>)<sub>4</sub>, Pd(OAc)<sub>2</sub>

## REACTIONS HANDLED:

- Suzuki coupling, Buchwald coupling, Sonogashira coupling
- Heck Coupling, Stille Coupling, Wittig Reaction
- Mitsunobu Reaction, Grignard Reaction, Sandmeyer Reaction
- Acid-Amine coupling, Esterification Reaction, Hydrolysis
- Acid chlorides Preparation, LDA preparation, Grignard Preparation
- Protection & Deprotections of Alcohols and Amines
- Swern oxidation, Appel reaction, Yamaguchi coupling
- Vilsmeier-Haack Reaction

## INSTRUMENTS USED:

- Parr Hydrogenation Apparatus, Microwave, Sealed tube reactions.
- Purification of compounds by using Combiflash, Reverse phase Grace, Sepabean.

### SYNTHETIC WORK:

- Multi step Organic synthesis in **scale up** batches
- Handled **mg to gm level**
- Capable of preparing **Dry solvents**
- Interpretation of compounds by **HPLC, NMR & Mass (GC-MS & LC-MS)**
- Efficient in drawing structures using **Sci-finder, Chem Draw** etc.

### RESPONSIBILITIES:

- Follow up the projects given to me under the supervision of Project Leader
- Keeping the lab premises neat, safe and tidy
- Can work as a part of team or as an individual

### ATTRIBUTES:

- Quick learner
- Good communication skills
- Self-confidence and positive attitude at any situation.

### PERSONAL PROFILE:

Father's name : CH.MAHESH  
Date of Birth : 05-10-1993  
Nationality : Indian  
Languages known : English,  
Telugu,Hindhi. Gender : Male  
Permanent Address : H-NO:2-93  
seethampet(V),  
vararamachandrapram(M),  
East godavari(Dist.),Andhrapradesh.  
Pin Code : 507 135.

### DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

**Place :**

**Date :**

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**(ch.saiprasanth)**