

## *Curriculum Vitae*

**DIWATE GANESH GANGADHAR**

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### **Permanent Address:-**

2229, Ramchandra Khunt,  
Ahmednagar 414001  
Phone no.- 9960118378  
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### **Objectives:**

To interlard my academic and personal qualifications with my present career milestones and to work in a globally competitive environment on a challenging assignment that keeps in touch with latest technologies & to join a dynamic research group, offering several challenges where my experience will be utilized and advanced.

### **Research Experience:- DESIGNATION: Reasearch Associates**

#### **Six Year Experience.**

Currently Working with Syngene From 16 Sep. 2019

Worked with **Kemio Solution**- (3 Monts)- 17 Sep to 31 Dec 2018-2018

Worked with **Novick Biosciences**-(R&D- Drug Discovery)  
Hyderabad.(29 Jan 2019 to 21 Aug 2019 )

Worked With **Chembiotek** –CRO+ Drug Discovery ( Pune, Maharashtra) Having 1 Year Experience ( TCG Lifesciences ). **Oct.2011 to Nov.2012**

WORKED AS SCIENTIST-1 in “**INTEGRAL BIOSCIENCES.**” NOIDA  
U.P. & having 3 year experience. **Aug.2008 to Aug.2011**

New Drug Discovery for ALZHEIMERS DISEASE  
HUNTINGTON DISEASE and PROSTATE CANCER.

### **Education :-**

Degree	College	University	Year	%	Class
<b>M.Sc. (Organic Chemistry)</b>	FergussonCollege, Pune.	Pune University	2006-08	65	First class

<b>B.Sc.</b>	N.A.C.S. College.Ahmednagar	Pune University	2003-06	65	First class
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<b>S.S.C.</b>	B.F.High school ,Ahmednagar.	Pune University	2000-01	66.63	first class
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### **Research Interest:**

- Development of newer synthetic methodologies.
- Total Synthesis of Biologically active natural products
- Medicinal chemistry.
- Organometallic Chemistry

### **Research Experience and Skills:-**

- Multiple step synthesis.
- Experience in handling air-sensitive reagents & reactions.
- Purification and drying of common organic solvents.
- Experience in various chromatographic techniques (Thin layer, Column).
- Experience in characterization of Organic compounds through various Spectroscopic techniques (H1 NMR, LCMS , HPLC).
- Familiar with Chemistry related software's like java Draw, CHEM Draw.

### **Reaction Handled:**

- Worked on protection and Deprotection of Alcohol, Amine, , Ketone.
- Have an experience of handling Stille reaction, , Wittg Reaction, epoxide formation, Ullaman reaction.
- Redution of C-C Triple bond to C-C Single bond.
- Preparation of Jones reagent and oxidation of primary alcohol.
- Oxidation of the functional group –Alcohol to –Aldehyde Swern oxidation.

- Acid-amine coupling using various reagents  
EDC.HCl,HOBt,DCC Decarboxylationreactions
- Oxidation of Aromatic-Methyl to Carboxylic Acid by KMnO<sub>4</sub>.
- Oxidation of sulphur to sulphone by KMnO<sub>4</sub> in Acetic Acid.
- Reduction of Nitro group by Hydrazine Hydrate and Pd-C.
- Experience of handling, Bromine; nBuLi, Pd-C, Thiophosgene, Fuming Nitric acid, Sodium Amide, Thionyl Chloride, Oxalyl Chloride, Sodium Hydride, LDA, LiHMDS, DIBAL.
- Have an experience of using Chemistry related software JAVA Draw, Reaxys, Discoverygate. .
- Well known with Library Synthesis and synthesis of organic compound with Different type of reaction also with multiple step synthesis.( Purification of crude compound with column chromatography uses silica gel 100-200mesh, 200-400mesh, 60-120mesh.).
- Reaction time handled such as 20min, 1h, 2h, 4h, 8h, 14h, 16h(overnight reaction), 48h, 72h also monitoring of long time reaction with TLC and NMR, LCMS.
- Different types of charring agent like Ninhydrin, 2-4 DNP, KMnO<sub>4</sub>.
- Reaction carried out, different reaction condition as -40°C, -78°C, 0-10°C, RT, 25°C, 60-100°C, 200-250°C.
- Well known with Tetrahedron letters, Medicinal chemistry, Journal of organic chemistry.

### **Hobbies:-**

Rafting, swimming, Travel.

### **Personal Information:**

**Name** : DIWATE GANESH GANGADHAR

**Date of birth** : 27<sup>th</sup> April 1986

**Sex** : Male

**Marital status** : Single

**Nationality** : Indian

**Language known** : English, Marathi & Hindi

**Fathers name** : DIWATE GANGADHAR RAKHAMAJI

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Maharashtra

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**Contact no.** : 9960118378

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