



# Hit Patel

## Senior Research Associate

To pursue a challenging career with dedication and provide my efficiency to the fullest in a professional organizational environment wherever I serve my duties that will discover the potential in me.

✉ hitpatel23@gmail.com

📍 Ahmedabad, india

🌐 linkedin.com/in/hit-patel-13513b244

📞 9925322134

📅 05 January, 1999

## EDUCATION

### M.SC - Organic Chemistry(GOLD MEDALIST)

Institute of Science & Technology for Advanced Studies & Research

07/2019 - 07/2021

CGPA - 7.58

M.SC(Organic Chemistry)

- Participated in Thirty-hour certificated course in COMMUNICATION SKILLS IN ENGLISH
- Participated in Add-on course in Laboratory Aspects in Analytical chemistry and some commercial Analysis

## WORK EXPERIENCE

### Senior Research Associate

Piramal Pharma Solutions

05/2021 - Present

Ahmedabad, Gujarat, India

Role : Design, develop, and characterize novel synthetic products and processes. Observe, analyze, calculate and evaluate results from laboratory work.

REACTION HANDLED

- Coupling reactions : Buchwald, Suzuki, sonogashira, stille, heck, Chan lam reaction.
- Reducing reagents : NaBH<sub>4</sub>, Pd/C, LiBH<sub>4</sub>, NaH, n-BuLi, Dibal-H, LiAlH<sub>4</sub>
- Oxidising reagents : DMP, IBX, mCPBA, Jones oxidation, swern oxidation
- Acid-amine Coupling reactions HATU, EDC.HCL/HOBT, pyridine/ POCl<sub>3</sub>, T3P
- Protections & Deprotections Boc protection and deprotection, benzyle protection and deprotection, Acetylation protection and deprotection, Cbz protection and deprotection,
- Name reaction : Appel reaction, curtius reaction, Grignard reaction,
- Instruments Handled : Microwave, Combi-flash chromatography, buchi- flash, Lyophilizer, Autoclave.

Contact : Dr.Rakesh Kusurkar - Mo:9664896669

## SKILLS

Perform different types of routes & reactions, Perform multi step synthesis of organic compound from mg, gm & kg.

Good working hand of reaction workup, quenching, isolation and purification in medchem as well as scale up

maintain LNB and records of analytical data and report.

characterization of organic compound using LCMS, MASS, HPLC, NMR.

Work accuracy with Positive attitude

## CERTIFICATES

MR. CHEMSTRY 2017[B.SC] (07/2016 - 07/2017)

For Best Performance in College

MR. CHEMISTRY 2021[M.SC] (07/2020 - 07/2021)

For Best Performance in College

## LANGUAGES

Gujarati  
Full Professional Proficiency

Hindi  
Full Professional Proficiency

English  
Full Professional Proficiency

## INTERESTS

Travelling

Dancing

Cricket

Acting

Reading

Learning new Things

Photography