# Dr. ASHVIN ACHARYA

Assistant Professor,
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I would like to be a part of the teaching-learning process, research especially in the fields of chemistry where my technical, communicational skills along with the academic achievements can be effectively utilized for its boost and to give my best with full capability and determination.

## Education:

- **Ph.D.** in Chemistry from Department of Chemistry, Hemchandracharya North Gujarat University, patan in March-2016.

Design, synthesis and pharmacological evaluation of potent and selective heterocyclic as new class of drugs.

- **M.Sc.** (Organic Chemistry) with 50.11% from Department of Chemistry, Hemchandracharya North Gujarat University, patan in March-2012.
- **B.Sc.** (Chemistry) with 52.00% from S.M. Panchal Science College, Talod, in April 1999.

## Professional Positions:

### Assistant Professor in Chemistry:

Government Science College, Idar **(15th July 2016 to till continue).**

- Highly skilled in using the deferent course books and material for teaching
- Ability to plan, collect material and deliver the lessons in the class.
- Proficient at arranging the competitions and assessing the performance of the students.
- Profound knowledge of Chemistry and ability to teach the subject for all sorts of students.

## Profile:

### Core Competencies

- Time management, Research Management, Research Data Compilation, Documentation/Reports, Process Improvement, Cross-functional Coordination, Team Management, Strong Analytical Skill.

## Technical Skills

- Reactions: Buchwald–Hartwig reaction, Williamson ether synthesis (O/N-alkylation using PTC), Aqueous phase Acetylation, Chlorosulphonation, Ethylene oxide reaction, Michel reaction, Fritz Krohank synthesis, Vilsmeier–Haack reaction.
- Purification Techniques: Column chromatography, preferential crystallization, separation by salting, solvent extraction.
- Spectral Interpretation: $^{1}H$ NMR, $^{13}C$ NMR, FAB-MS, GC-MS

## Publications:

- Two (2) Publications in international journal of reputes:
  **For Detail Please refer Annexure 1**

## Conferences / Seminars/Workshops:

- Attended and/or participated in two (2) National conferences.
- Attended and/or participated in one (1) state level seminar.

## Achievement in national responsibility:

**Blood Donation camp:**

- On dated: 14/08/2018, At: Government science college, idar.
- On dated: 07/01/2020, At: Government science college, idar.

## Personal Details:

**Date of Birth:** 29th September 1977.
**Marital Status:** Married.
**Languages known:** English, Hindi, Gujarati.

Information provided is authentic and sufficient but will be glad to furnish any more if needed.

Dr. ASHVIN ACHARYA.

## Annexure 1

| Sr. No. | Article Detail |
|---|---|
| 1. | Synthesis and pharmacological aspects of some novel N-[4-[2-[methyl [3-mehtyl-1-phenyl-1H-pyrazol-5-yl] Amino] Thiazol-4-YL] phenyl][Alkyl] Amide Derivatives.<br>International journal of scientific research. June 2014. 2277-8179 |
| 2. | Qualitative and Quantitative Application of NMR in Rilmenidine dihydrogen phosphate API and its related impurity-B and Correlation with Alternate Technique.<br>International journal of pharmaceutical science review and research. May-June 2014. 0976-044x |