

## RESUME

**Ms. AYUSHI SHAH**

**M.Sc. Organic (Chemistry)**

**E-mail : ayushishah6696@gmail.com**

**Cell: 09558501038**

### **Objective**

To build career in prestigious organization/company where I can perform with all my efficiency and integrity for taking the company to next level. To work with optimism and enthusiasm in the field of chemistry which challenges my skills and enhances my development along with upliftment of the company.

### **Academic Details**

COURSE	UNIVERSITY	YEAR OF PASSING	PERCENTAGE
M.Sc. ( Organic Chemistry)	Saurashtra University	2017	76.2%
B.Sc. (Chemistry)	Christ College, Rajkot	2015	87.4%

Course	School/College	Board/University	Year of Passing	Percentage
H.S.C	Kendriya Vidyalaya,Dhrangadhra	CBSE	2012	87.8%
S.S.C	Kendriya Vidyalaya,Dhrangadhra	CBSE	2010	9.6CGPA

### **Professional Experience**

**Piramal Enterprises Ltd.(Discovery Solutions)**

**1-June-2017 to till working**

**Senior Research Associate**

- Designing of new pathways of targeted molecule.( Synthesis)
- Solve the problems and queries related to the development of the product and discuss them with the Group leader.
- Experienced in handling of hazardous chemicals like sodium metal, n-BuLi, NaBH<sub>4</sub>, POCl<sub>3</sub>, Pd/C.
- Handling the moisture sensitive reaction in R&D and impurity isolation, Analysis and Characterization by TLC, LC-MS, HPLC, NMR, Mass Spectrometry.
- Familiar with advanced purification techniques like Combi-flash and instrument handling like Lyphilizer and Microwave.
- Planning & periodic review of R&D work.
- Dispatchment of targeted molecules as per client requirement.

**Reactions Handled:**

1. Reduction reaction
2. Suzuki reaction
3. Protection and deprotection reaction
4. Acid- amine reaction
5. Buckwald reaction
6. Mitsunobu reaction

## Achievements

- Ranked first in INTERNATIONAL SCIENCE SYMPOSIUM 2017 in ORAL AND POSTER PRESENTATION organised at CHRIST COLLEGE ,RAJKOT.
- Ranked 1<sup>st</sup> in the Saurashtra University with the subject Chemistry and within all branches of university Ranked 2<sup>nd</sup> in Saurashtra University 2015.
- Performed Dissertation on Barbicuric Acid and its related chemistry.
- Ranked first in National Level Science Symposium 2014 with the topic Pharmaco-Kinetics of drugs in oral presentation organised at Christ College , Rajkot
- Ranked first in Poster Presentation on The Use of Nano Technology to Treat Cancer organised at Christ College, Rajkot.
- Participated in State Level Chemistry Quiz Competition in 2015 organised at Vallabh Vidyanagar
- Participated in Poster Presentation on Rare Earth Element in 17<sup>th</sup> ISTE Student's National Convention 2014 at Rajkot
- Participated in Microbiology State Level Quiz Competition in 2014 Nadiad.
- Participated in Sustainable Earth Development Programme as Trainee at Science City Ahmedabad in 2010.
- Ranked 1<sup>st</sup> in Youth Parliament as Women Empowerment Minister in 2008 at AFS Baroda.

## Skills

- Having a good understanding of working of the **R&D** lab setups.
- Involved in Project dealing with milligrams to scale up of the targeted molecules as per client requirement .
- Able to analyze the experimental data and interpret them.
- Well awareness of the SOPs and the safety norms to be followed in the labs.
- Flexible and adaptable to changes.

## Computer Skills

- Package known : MS-Office
- Chemistry Software : Chemdraw, Reaxys, Scifinder .

## Strength

- Attitude of self learning and knowledge transfer.
- Commitment towards work.
- Good team player.

## Subjects of Personal Interest

- Green Chemistry
- Drugs
- Spectroscopy
- Chromatography
- Organic Reactions
- Disconnection Approach
- Intellectual Property Rights

## Personal Profile

**Name** : Ayushi Shah  
**Date of Birth** : 06/06/1994  
**Address** : A/Karan Park, Opp. Magan Chaku Jain wadi, Dhrangadhra-363310  
**Gender** : Female  
**Nationality** : Indian  
**Marital Status** : Unmarried  
**Languages Known** : English, Hindi, and Gujarati

## Reference

**Mr. Deepak Sharma**  
**General Director and Country Head**  
**@ Glenmark Pharmaceuticals**  
**Ukraine.**  
**Ph. No. : +380673334885**

**Dr.Y.T.Naliyapara**  
**Professor-Dept. of Chemistry**  
**Saurashtra University, Rajkot**  
**Ph. No. : 9428036310**

## DECLARATION

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

Date:

Yours sincerely  
AYUSHI SHAH