



# ASAMA YUNUS PATHAN

## CAREER OBJECTIVE

To work for an organization where I can utilize my technical and professional skills to contribute to firm's goals and mission and to promote the health care system in the process.

## ACADEMIC BACKGROUND

- **2022-**(defended viva voice and result awaited) Master of Pharmacy in Medicinal Chemistry in R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur.
- **2020-** Bachelor of Pharmacy from A.R.A. College of Pharmacy, Dhule, North University Maharashtra with 81.25%.
- **2016-** Higher Secondary School from SSVP'S Dr.P.R,Ghogare Junior Science college Deopur Dhule with 76%
- **2014-**Secondary School from S.T.T.K. Mahajan High school Deopur Dhule With 82.60%

## Permanent Address

13 B Shalinitai Borse Nagar Near  
Dalwala Hostel Deopur Dhule  
424002

## Contact No:

7083716277/  
7822078940

## E-Mail

asamapathan1123@gmail.com  
<https://www.linkedin.com/in/asama-pathan-70a2ab237>

## PERSONAL PROFILE

ASAMA PATHAN

**Father's Name:** Yunus Pathan

**Date of Birth:** 3<sup>rd</sup> January 1999

**Marital Status:** Unmarried

**Nationality:** Indian

## PUBLICATIONS

**Total:** 3

**Article:** 2

**Book Chapter:** 1

## EXPERIENCE

- **Fresher**

## RESEARCH PROJECT

**Dissertation Title:** "Design and Synthesis of Vigabatrin Analogue as Anti-epileptic Agents". Under the Guidance of Dr. Harun M. Patel department of pharmaceutical Chemistry R.C.Patel Institute of Pharmaceutical Education and Research Shirpur.

The objective of the project is to design and synthesize analogue of vigabatrin to overcome the problem associated with vigabatrin i.e. retinopathy and vigabatrin induced ototoxicity.

## TECHNICAL SKILLS

- ✓ **Computational Tools:** well versed knowledge of Computer Aided Drug Design (CADD) by Molecular docking, dynamic simulation and Quantum Mechanics using Schrodinger Software
- ✓ **Organic Synthesis:** Carrying out various organic synthetic reactions Optimization, development of methodologies for organic synthesis.
- ✓ **Purification:** Purification of organic compounds using crystallization and chromatographic techniques like Column chromatography, Preparative TLC, HPLC and Flash chromatography.
- ✓ **Analytical Knowledge:** Proficient Independently Handling and Calibration of IR, UV Spectroscopy.
- ✓ **Structural Elucidation:** Well versed with structural elucidation using FTIR, NMR Spectroscopy.

## KEY ACHIVEMENTS/EXTRA CURRICULAR ACTIVIETIES

- Participate in Yuvarang 2018-19 in event of debate organized by K.B.C.North Maharashtra University Jalgaon Maharashtra.
- Participate in Tree Plantation camp at DCS's A.R.A.College of Pharmacy Nagaon Dhule.
- Participated in Tree Plantation Organized By "Maharashtra Haritsena" Ministry of forest Department Dhule,Maharashtra.25<sup>th</sup> May 2018.
- Won third prize in National Level e-Poster Competition on COVID-19 organized by DCS's A.R.A College of Pharmacy Nagaon, Dhule 25<sup>th</sup> 2020.
- Poster Presentation on "**Formulation and Evaluation of Antibacterial Gels of Murrayaa koengii leaves Extracts**" at KBC North Maharashtra University Sponsored One Day National Conference Organized by DCS's A.R.A College of Pharmacy Nagaon Dhule on "Advances in Herbal Drug Formulation With Industrial Perspective" held on 8<sup>th</sup> February 2020.

## SEMINARS / CONFERENCES ATTENDED

- Attended one day **Employability Enhancement** Workshop organized on 12<sup>th</sup> February 2018 at Ganagamai College Of Pharmacy Nagaon Dhule.
- Attended One Day National Symposium on "Application of Spectroscopy" Organized by Nagaon Education Society's Gangamai College Of Pharmacy Nagaon Dhule on dated 14<sup>th</sup> February 2018.
- Attended 3<sup>rd</sup> One Day National Seminar On "**Innovative Concepts and Methodologies in Pharmaceutical Research (ICMPR-III)**" organized by H. R. Patel Institute of Pharmaceutical Education Research, Shirpur held on 10<sup>th</sup> March 2018.
- Attended and presented poster in one day national conference on "**A Global Perspective on Pharmaceutical IPR: Challenges and Potential**" organized by R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur. 8<sup>th</sup> September 2018.
- Attended **Illuminate 2018-A series of Pre-Eureka! B-Model** Workshops Organized on 24/09/2018 by The Entrepreneurship Cell, IIT Bombay, Conducted at SVKMs Institute Of Technology Dhule.
- Attended and presented poster in Atomic Energy Regulatory Board sponsored One Day National Symposium on "**Radiopharmaceutical Enhancement by Drug Delivery System**" organized by DCS's A.R.A College of Pharmacy Nagaon Dhule. 19<sup>th</sup> January 2019
- Attended and Presented poster in One Day National Conference on "**Advances in Herbal Drug Formulations with Industrial Perspectives**" Organized by DCS'S A.R.A College of Pharmacy Nagaon Dhule on 8<sup>th</sup> February 2020.
- Attended **COVID19 awareness program** Organized By Sandeep Foundation's Sandeep Institute Of Pharmaceutical Science Nashik in April/ May 2020.
- Participated in **National Level E-Presentation Competition** Organized By VALMIK NAIK College Of Pharmacy, Telwadi Kannad

- Attended One Day National Symposium on “**Recent Advances in Pharmaceutical Research**” Held on 7<sup>th</sup> March 2021 Organized by IPA Maharashtra State Branch Dhule Local Branch.
- Participated In **Manav Scientific Reading and Comprehension Self-Assessment Module (Subject Category - Pharmacy)** during Sept - Oct 2021.
- Attended Online Impact Lecture Series Session – I on “**INNOVATION AND IPR**” Organized by IIC, Santhiram College of Pharmacy, Nandyal in association with AICTE and MHRD, MOE’s innovation cell (MIC), Govt. of India on 18th June 2022.

## INDUSTRIAL TRAINING

- Successfully completed one month In Plant Industrial Training during 1 June 2019 to 30 June 2019 at NuLife Pharmaceuticals Plot No 63,F-2 Block M.I.D.C Pimpri Industrial Area Pimpri Pune 411018 Maharashtra India .

## CERTIFICATE COURSES

- Successfully completed the course “Maharashtra state certificate in Information Technology” (**MS-CIT**) on behalf of the government of Maharashtra in month of June-2016.

## RESEARCH PAPER PUBLISHED

1. Iqrar Ahmad, Rahul Pawara, Rukayya Girase, **Asama Pathan**, Vilas Jagatap, Harun Patel. (2022). Synthesis, Molecular Modelling Study and Quantum Chemical Based Investigations of Isoindoline-1,3-diones as Anti-Mycobacterial Agents, *ACS Omega*, Accepted Article (**Impact Factor: 3.51**)
2. **Asama Pathan**, Iqrar Ahmad, Rukaiyya Girase, Vilas Jagatap, and Harun Patel “A Laboratory Accident of Acryloyl Chloride, Its Consequences, Treatment, and Safety Measures: An Arduous Lesson to All Researchers” *ACS Chemical Health & Safety* **2022** 29 (5), 405-420 DOI: 10.1021/acs.chas.2c0003

## BOOK CHAPTER

1. Iqrar Ahmad, Rahul Pawara, **Asama Pathan**, Harun Patel. (2022) Fourth Generation Allosteric EGFR Tyrosine Kinase Inhibitors to Combat the Drug Resistance Associated with Non-Small Cell Lung Cancer (NSCLC). book entitled "Natural Products as Enzyme Inhibitors: An Industrial Perspective " published by Springer Nature Pvt Ltd, Singapore, Page No. 1-24, ISBN 978-981-19-0932-0 (eBook) <https://doi.org/10.1007/978-981-19-0932-0>

---

**ASAMA YUNUS PATHAN**  
**DATE:**