



# HARSHA JADHAV (M.PHARM)

## 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.

## PERSONAL PROFILE

**Father's Name:** T.P.GUJAR

**Date of Birth:** 04<sup>th</sup>Sep1994

**Permanent Address:**

42,Motilal nagar sai ganesh lawn,karwandnaka,shirpur.

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**EMAILID**

harsha.jadhav1345@gmail.com

**LINKEDIN**

<https://www.linkedin.com/in/harsha-jadhav-090a1212a/>

## PUBLICATIONS

**Total: 07**(All are International)

h-Index: **04**; i10-index:**04**

Total Citations: **119**

(Google Scholar)

## ACADEMIC BACKGROUND

- **2018**-Master of Pharmacy in Pharmaceutical Chemistry from R.C. Patel Institute of Pharmaceutical Education and Research,Shirpur with 68.46 %.
- **2016**-Bachelor of Pharmacy from R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur with 70% .
- **2012**-Higher Secondary School from SPDM Jr. college of Science, Shirpur, Maharashtra State Board, with 64.83%.
- **2010**-Secondary School from PBM school ,shirpur,Maharashtra State Board, with 82.91%.

## EXPERIENECE

- 20/12/2020 to 12/04/2021 experience in Ahinsa Institute of pharmacy ,Dondaicha as a Assitant Professor.
- 15/04/2021 to 30/11/2022 experience in KVPSS Institute of Pharmaceutical Education ,Boradi as a Assitant Professor.
- 01/12/2022 to till date experience in H.R.Patel Institute ofPharmaceutical Education & Research ,Shirpur as a Assitant Professor.

## RESEARCH PROJECT

**Dissertation Title:** Design And Synthesis Of Thiadiazole Analogues As Multi-Drug Resistance Tuberculosis (Mdr-Tb) And Extensive Drug Resistance Tuberculosis (Xdr-Tb) Inhibitors.

## TECHNICAL SKILLS

- ✓ **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 chromatography like Column, Preparative TLC.
- ✓ **Analytical Knowledge:** Proficient Independently Handling and Calibration of IR, UV Spectroscopy.
- ✓ **Method development and Validation:** Carrying out various solid and liquid dosage form Method Development, Method Optimization .
- ✓ **Structural Elucidation:** Well versed with structural elucidation using FTIR, NMR Spectroscopy.

## KEY ACHIVEMENTS/EXTRA CURRICULAR ACTIVITIES

- Awarded **Second Prize** in Research Competition(**Avishkar-2017**)
- Represented University to State Level Avishkar held in Rahuri Ahmednagar.
- Participate in Tree plantation in R. C. Patel Institute of Technology, Shirpur. Dist. Dhule
- Participate in Blood Donation Camp on 11 dec 2015 organized by HDFC Bank Ltd. and late shri Mukeshbhai Patel Blood Bank, Shirpur.
- Poster Presentation Competition on Topic 'Basics In Organic Chemistry' held in feb 2013 and won **Second Prize** at R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur.
- Participate in National level conference on "challenges and opportunities in pharmaceutical field" organized on 30 jan 2016 .
- Participate in one day workshop on "plan career in pharma segment, personality development and interview techniques" organised on 21 march 2016 ,at R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur.

## SEMINARS / CONFERENCES/FDP ATTENDED

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FDP on Molecular Modelling and In-silico Drug Designing." from 23/08/2021 to 27/08/2021 at St. Joseph's College of Engineering.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Drug Engineering through Computer Aided Drug Design" from 13/09/2021 to 17/09/2021 at Dr. Harisingh Gour Central University Sagar M.P.
- Participated in international webinar on "Overview Of Pharmacovigilance" delivered by Mrs. Jinal Darji Vaghela, Senior Pharmacovigilance Specialist, Merck Sharp & Dohme Australia on 13th June 2021
- Participated in one day webinar , "i. Current Developments in Nanochemistry." ii). Desired personality traits for professionals and personality development skills.. Organized by Chilkur Balaji College of Pharmacy (CBCP) held on 19-06-2021.

## RESEARCH PAPER PUBLISHED

1. Harun Patel, Azim Ansari, Rahul Pawara, Iqrar A. Ahmad, **Harsha Jadhav** & Sanjay Surana (2018). Design and synthesis of novel 2,4-disubstituted aminopyrimidines: reversible non-covalent T790M EGFR inhibitors. *Journal of receptor and signal transduction research*, 38(5-6), 393–412. <https://doi.org/10.1080/10799893.2018.1557207> (**Impact Factor: 2.02**)

- Harun Patel, **HarshaJadhav**, Iqrar Ahmad, Rahul Pawara, Sanjay Surana (2019). Pyridine and nitro-phenyl linked 1,3,4-thiadiazoles as MDR-TB inhibitors. *European journal of medicinal chemistry*, 167, 1–9. <https://doi.org/10.1016/j.ejmech.2019.01.073>(**Impact Factor:6.51**)
- Harun Patel, **HarshaJadhav**, Iqrar Ahmad, Rahul Pawara, Sanjay Surana (2020). Investigating the Impact of Different Acrylamide (Electrophilic Warhead) on Osimertinib's Pharmacological Spectrum by Molecular Mechanic and Quantum Mechanic Approach. *Combinatorial chemistry & high throughput screening*, <https://doi.org/10.2174/1386207323666201204125524>(**Impact Factor:1.33**)
- Iqrar Ahmad, **HarshaJadhav**, YashodeepShinde,VilasJagtap, RukaiyyaGirase, Harun Patel (2021). Optimizing Bedaquiline for cardiotoxicity by structure based virtual screening, DFT analysis and molecular dynamic simulation studies to identify selective MDR-TB inhibitors. *In silico pharmacology*, 9(1), 23. <https://doi.org/10.1007/s40203-021-00086-x>
- Harun Patel, Iqrar Ahmad, **HarshaJadhav**, Rahul Pawara, AnandMundada, MatinShaikh, and Sanjay Surana (2020). Extensively Drug-resistant Tuberculosis (XDR-TB)-inhibitors to Overcome the Scourge of Drug-resistant Tuberculosis: A Perspective,*Review Journal of Chemistry*, 2020, Vol. 10, No. 3–4, pp. 112–139. <https://doi.org/10.1134/S2079978020030048>

The screenshot displays the Google Scholar profile of Harsha Jadhav, an Assistant Professor. The profile includes a list of publications with their titles, citation counts, and years. A 'Cited by' section shows a table of citation statistics and a bar chart of citations from 2020 to 2024. The table indicates 119 total citations, an h-index of 4, and an i10-index of 4. The bar chart shows 4 citations in 2020, 25 in 2021, 41 in 2022, 29 in 2023, and 1 in 2024. The 'Public access' section shows 2 articles available and 0 not available. The 'Co-authors' section lists no co-authors.

Citation Metric	All	Since 2019
Citations	119	118
h-index	4	4
i10-index	4	4

Year	Citations
2020	4
2021	25
2022	41
2023	29
2024	1

Year	Cited By	Year
Optimizing Bedaquiline for cardiotoxicity by structure based virtual screening, DFT analysis and molecular dynamic simulation studies to identify selective MDR-TB inhibitors	41	2021
Investigating the impact of different acrylamide (electrophilic warhead) on osimertinib's pharmacological spectrum by molecular mechanic and quantum mechanic approach	29	2022
Pyridine and nitro-phenyl linked 1, 3, 4-thiadiazoles as MDR-TB inhibitors	25	2019
Design and synthesis of novel 2, 4-disubstituted aminopyrimidines: reversible non-covalent T790M EGFR inhibitors	23	2018
Extensively Drug-resistant Tuberculosis (XDR-TB)-inhibitors to overcome the scourge of drug-resistant tuberculosis: A perspective	1	2020
A Short Review on Structures and Synthesis of some Heterocyclic Compounds		

**HARSHA JADHAV**

**DATE -13/07/2024**