



HARSHA JADHAV

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: 04thSep1994

Permanent Address:

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

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harsha.jadhav1345@gmail.com

PUBLICATIONS

Total: 08(All are International)

h-Index: **04**; i10-index:**02**

Total Citations: **49**
(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%.

EXPERIENCE

- 20/12/2020 to 12/04/2021 experience in Ahinsa Institute of pharmacy ,Dondaicha as a Assistant Professor.
- 15/04/2021 to till date experience in KVPSS Institute of Pharmaceutical Education ,Boradi as a Assistant 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 ACTIVIETIES

- Awarded **Second Prize** in Research Competition(**Avishkar-2017**)
- Represented University to State Level Aviskar 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 Competetation 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" oraganised 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**)

2. 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**)
3. 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**)
4. 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>
5. 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>

Harsha Jadhav
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 No verified email

Cited by

	All	Since 2017
Citations	49	49
h-index	4	4
i10-index	2	2

CITED BY

TITLE	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 I Ahmad, H Jadhav, Y Shinde, V Jagtap, R Girase, H Patel <i>In silico pharmacology</i> 9 (1), 1-15	14	2021
Pyridine and nitro-phenyl linked 1, 3, 4-thiadiazoles as MDR-TB inhibitors H Patel, H Jadhav, I Ansan, R Pawara, S Surana <i>European Journal of Medicinal Chemistry</i> 167, 1-9	12	2019
Investigating the impact of different acrylamide (electrophilic warhead) on Osimertinib's pharmacological Spectrum by molecular mechanic and quantum mechanic approach H Patel, I Ahmad, H Jadhav, R Pawara, P I Ansan, S Surana <i>Combinatorial Chemistry & High Throughput Screening</i> 25 (1), 149-166	9	2022
Design and synthesis of novel 2, 4-disubstituted aminopyrimidines, reversible non-covalent T780M EGFR inhibitors	9	2018

Public access

Articles	Public access
0 articles	not available
2 articles	available

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DATE -16/07/2022