

Curriculum Vitae



Dr. (Mrs) Manisha Rahul Jadhav

At. / Post. Saspade,

Tal. / Dist. Satara, PIN: 415519.

or

A-8, Sakahargad Residency, Shahunagar,
Godoli, Satara, Maharashtra.

Contact number: 9420250143

mmanishapatil123@gmail.com

mmanishapatil123@rediffmail.com

PERSONAL DATA:

Date of Birth : 19-06-1982
Age : 43 years
Father's Name : Vyankatrao Anant Patil
Nationality : Indian
Sex : Female
Marital status : Married
Husband Name : Dr. Rahul Laxman Jadhav.
Language proficiency : Marathi, Hindi, English.
Personal interests : Drawing, Driving and Music
PCI Registration Number : 81980 (Maharashtra State)

ACADIMIC EXPERIENCE: 17.5 Yrs.

Name of College	Date of Joining	Date of Leaving
Shivraj College of Pharmacy, Gadhinglaj	18 April 2023	Till date
Adarsh College of Pharmacy, Vita	01 June 2014	17 April 2023
Satara College of Pharmacy, Satara	02-July 2012	30 April 2014
Yeshoda Technical Campus, Wade-Phata, Satara	23-Aug 2011	12-June 2012
Tatyasaheb Kore College of Pharmacy, Warananagar	5-July-2008	23-Aug 2011

ACADEMIC PROFILE:

Ph. D. (2025)	: Suresh Gyan Vihar University, Jaipur Guide Prof (Dr.) Neelam Singla
M. Pharm (June 2008) (Bio-Pharmaceutics)	: First Class (60.36 %) Govt. College of Pharmacy, Karad (M.S.) Shivaji University, Kolhapur.
B. Pharm. (June-2004)	: First Class (60.67%) Govt. College of Pharmacy, Karad (M.S.) Shivaji University, Kolhapur.
H.S.C (June-1999)	: First Class (70%) Maharashtra Higher Secondary Education Board, Maharashtra
S.S.C. (1997)	: Distinction (75.33 %) Maharashtra Secondary Education Board, Maharashtra

PATENTS:

Sr. No	Patent Title	Name of Applicant(s)	Country	Patent Grant no
1	Method of Preparation of Sulfoxy Amine Starch and Acetyl Amine Starch	Manisha Patil , Rahul Jadhav, Adhikrao Yadav Shobha Harpad	India	369779
2	AI Based Device for Detection of Cardiovascular Disease	Rahul Jadhav, Manisha Jadhav , Senthilkumar Jagatheesan, Muthumani Janarthan, Senthil Prabhu, Prakash Patil	UK	6302074
3	IOT Enabled apparatus for tablet friability Testing	Rahul Jadhav, Manisha Jadhav , Vivek Tarate, Vishal Yadav, Prakash Jadhav, Anand Baber	India	386651-001

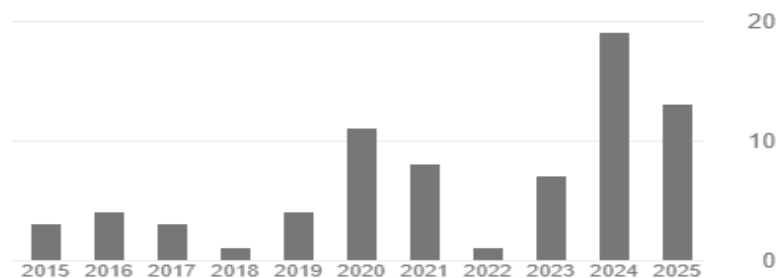
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Sr. No	Copyright Title	Name of Applicant	Diary no.	Status
1	Continuous Assessment Record Book	Rahul Laxman Jadhav	L-136654/2023	Granted

BOOK / BOOK CHAPTER:

1. Eknath D. Ahire, Rahul Laxman Jadhav, **Manisha Vyankatrao Patil**, and Raj K. Keservani, The Role of Functional Foods to Combat Weight Gain and Obesity, **Nutraceuticals in Obesity Management and Control**, *AAP Advances in Nutraceuticals*, **Chapter 12**, Aug 2024, *CRC Press, Taylor & Francis Group*. ISBN: 9781774917664.
2. Rahul Jadhav, **Manisha Jadhav**, Shivraj Sadekar, Rajvardhan Ghatage, **Lab Manual of Physical Pharmaceutics**, Pritam Publication Pvt Ltd, First edition, 2025, ISBN:
3. Rahul L. Jadhav*, Chandrakant S. Magdum and **Manisha V. Patil**, Sequential Cytotoxicity: A Theory Examined Using 2, 6 diphenyl Piperidine-4-one scaffold, **Current Research and Development in Chemistry**, Vol. 2 ,**Chapter 6**, Book Publisher International, Print ISBN: 978-93-90149-42-1, eBook ISBN: 978-93-90149-13-1. DOI: [10.9734/bpi/crdc/v2](https://doi.org/10.9734/bpi/crdc/v2) .
4. Dr. Rahul L. Jadhav & Prof. **Manisha V. Patil**, Continuous Assessment Record Book for B. Pharmacy, PharmaExpert Publisher Satara, 2023-24, ISBN: 978-93-340-6131-4.
5. Dr. Rahul L. Jadhav & Prof. **Manisha V. Patil**, Continuous Assessment Record Book Manualfor D. Pharmacy, PharmaExpert Publisher Satara, 2023-24, ISBN: 978-93-340-6360-8.
6. Dr. Rahul L. Jadhav & Prof. **Manisha V. Patil**, Practical Training Handbook, PharmaExpert Publisher Satara, 2023, ISBN: 978-93-340-4926-8

PUBLICATIONS: Total Citation: 79, H-Index: 05, i10 Index: 03. Scopus ID: 34868015300, ORCD-ID: <https://orcid.org/0000-0002-1784-001X>



1. **Manisha Patil**, Neelam Singla, Poly acetyl amine grafted xanthan gum as a novel polymeric carrier for drug delivery system, *Palestinian Medical and Pharmaceutical Journal*, 2026, 11(1), 1-10, ISSN:2413-8568 DOI: [10.59049/2790-0231.11.1.2409](https://doi.org/10.59049/2790-0231.11.1.2409)
2. **Manisha Patil**, Neelam Singla, Modified Xanthan gum Based Gel of Curcumin and Copper nanoparticles prepared by Tinospora Cardiofolia for wound Therapy, *Acta Biomedica Scientifica*, 2024, 9(6), 195-203. ISSN: 2541-9420. doi: 10.29413/ABS.2024-9.6.20
3. **Manisha Patil**, Neelam Singla, Acetyl amine Xanthan gum based silver and molecular Iodine Nanocomposite for wound healing therapy, *Current Issues in Pharmacy and Medical Sciences*, 2025, 38(1), 249-254. ISSN-2300-6676. DOI: 10.12923/cipms-2025-0010.
4. Neelam Singla, **Manisha Patil**. Poly acetyl amine grafted xanthan gum: Synthesis, Characterization and evaluation as Mucoadhesive Polymer, 04 April 2024, PREPRINT (Version 1) available at Research Square. <https://doi.org/10.21203/rs.3.rs-4168726/v1>
5. **Manisha Patil**, Neelam Singla, Ritu Gilhotra, Modification Approaches of Xanthan Gum and their Applications: An Overview, *SGVU Journal of Pharmaceutical Research & Education*, 2023, 8(2),930-951.
6. Atul Baravkar, Gandhi Santosh, Bawaskar Namrata, Vitthal Chopade, Makarand Puri, Rahul Jadhav, **Manisha Patil**, Simultaneous Estimation of Lamivudine, Tenofovir Disoproxil Fumarate and Efavirenz in Bulk and Tablet Dosage Form by Cramer's Rule, *Int. J. Pharm. Investigation*, 2023; 13(3):582-587.
7. **Manisha Patil**, Jadhav, R. L., Shaikh, S. N., & Belhekar, S. N. *Formulation and Evaluation Thermoreversible Gel of Antifungal Agent for Treatment of Vaginal Infection. Journal of Pharmaceutical Research International*, (2020), 32 (2), 58-66. <https://doi.org/10.9734/jpri/2020/v32i230404>. UGC approved.
8. Rahul Laxman Jadhav, **Manisha V Patil** and Shaikh Siraj N, *Synthesis, Characterization and Invivo Evaluation of Poly Sulfoxy Amine Grafted Xanthan Gum International Journal*

- of Lifescience and Pharma Research**, Volume10, No 3 (July) 2020, pp 20-28. (ISSN: 2250-0480) DOI:[10.22376/ijpbs/lpr.2020.10.3.P20-28](https://doi.org/10.22376/ijpbs/lpr.2020.10.3.P20-28). UGC approved.
9. Rahul L. Jadhav, Sonali G. Sonwalkar, Yogesh A. Gurav, **Manisha V. Patil** and Shaikh Siraj N, *Formulation Optimization and Evaluation of Ocular Inserts Prepared with Modified Chitosan*, **Asian Journal of Pharmaceutics**, 2020, 14(2), 195-205. (ISSN: 1998-409X) DOI: <http://dx.doi.org/10.22377/ajp.v14i2.3614>. UGC approved.
 10. Rahul L. Jadhav, Beloshe Priyanka, A. V. Yadav, **Manisha V. Patil** and Shaikh Siraj N, *Design, Development and Characterization of Modified Xanthan Gum Based Novel In-Situ Gel of Ciprofloxacin Hydrochloride For Ophthalmic Drug Delivery*, **Asian Journal of Pharmaceutics**, 2020, 14(2), 236 - 246. (ISSN: 1998-409X) DOI: <http://dx.doi.org/10.22377/ajp.v14i2.3619>. UGC approved.
 11. Jadhav R. L., Sonwalkar, S. G., **Patil, M. V.**, Shaikh, S. N., & Belhekar, S. N., *Formulation and Characterization of Poly Sulfoxyamine Grafted Chitosan Coated Contact Lens*. **Journal of Pharmaceutical Research International**, 2020, 32(2), 49-57. <https://doi.org/10.9734/jpri/2020/v32i230403> (ISSN: 2456-9119) UGC approved.
 12. Jadhav Rahul Laxman*, Ahire Pallavi, Yadav Adhikrao Vyankatrao, Gharge G. Varsha, **Patil Manisha Vyankatrao** and Shaikh Siraj Nawaj, *The Pharmaceutical Application of Sulfoxy Amine Chitosan in Design, Development and Evaluation of Transdermal Drug Delivery of Gliclazide*, **Journal of Pharmaceutical Research International**, 32(20): 145-161, 2020; Article no.JPRI.59419, ISSN: 2456-9119. DOI <https://doi.org/10.9734/jpri/2020/v32i2030738> UGC approved.
 13. Jadhav R. L., Yadav A.V., **Patil M.V.**, *Poly Sulfoxy Amine Grafted Chitosan as Bactericidal Dressing for Wound Healing*. **Asian Journal of Chemistry**. 2019; 31(12):127-132. (ISSN: 0970-7077, SCOPUS, SCI: 0.14) <https://doi.org/10.14233/ajchem.2020.22300>. UGC approved.
 14. Rahul L. Jadhav, Pravin K. Pawar, **Manisha V. Patil**, *Synthesis And Anticancer Evaluation Of Bis Furfurylidene -4- Piperidone Analog Of 5- Fluorouracil*, **Asian Journal Of Chemistry**, Volume 29(6), (2017) ., pp 1337-1340. <https://doi.org/10.14233/ajchem.2017.20487> (ISSN: 0970-7077, SCOPUS, SCI: 0.14). UGC approved.
 15. Jadhav R. L., Magdum C S, **Patil M. V.**, *Synthesis and Anticancer evaluation of Furfurylidene 4-Piperidones analogs*, **Archiv der Pharmazie- Chemistry in life Science**, 347(6), 2014, 407-414. <https://doi.org/10.1002/ardp.201300429>. (ISSN: 1052523/15548120, Thomson Reuters Impact factor: 2.145). UGC approved.

16. **Patil M.V.** , Jadhav R. L., *Use Of Phyllanthus Reticulatus Fruit Extract As A Natural Indicator In Acid Base Titration*, **International Journal of Pharmacy and Pharmaceutical Sciences**, 4(1), 2012, 490-491. (ISSN: 0975 – 1491, Impact factor: 0.91). **UGC approved**.
17. Shinde Sunita S., **Patil Manisha V.**, Mevekari Fatima I., Shete Amol S., Bhagwat Durgacharan A., D'Souza J., *Physicochemical Characterization And Solubility Enhancement Of Simvastatin Using Solid Dispersion Technology*, **World Journal of Pharmaceutical Research** Volume 1, Issue 2, April 2012, 297-308, (ISSN: 2277, Impact factor: 0.18).
18. Shinde Sunita Sakharam, Amol Shankar Shete, **Patil Manisha V.**, Varne Bhushan S. *Different Binary Polymer Mixture For Solubility Enhancement Of Poorly Water Soluble Drug By Solid Dispersion Technique*, **International Journal of PharmTech Research**, Vol.4, No.3, July-Sept 2012, pp 1159-1166. (ISSN: 0974-4304, Impact factor: 0.47).
19. Sunita S. Shinde, Shete Amol S., **Patil Manisha V.**, Disouza J.I. Formulation and Evaluation of Sustained Release Tablets using Direct Compression Method, **Research Journal of Pharmacy and Technology**, Year : 2013, Volume : 6, Issue : 6, **637- 640**. (ISSN : 0974-3618. Online ISSN : 0974-360X, **Impact factor: 0.14**)

CONFERENCES /POSTER PRESENTATIONS: International: 03

CURRICULUM ACHIEVEMENTS:

- Worked as a **Head of Department**
- Qualified **GATE-2006** with **94 percentile**.
- Worked as **Examination In-Charge, T & P incharge**
- Worked as **co-coordinators** in various workshops.
- Worked as **Chief controller of examination, Senior Supervisor, Internal and external examiner**.

THESIS /DISSERTATION WORK:

- **Ph.D. Thesis:** "Substituted Acetyl Derivatives of Xanthan Gum, Their Preparation, Characterization and Pharmaceutical Applications"
Research Guide : Dr. Neelam Singla
- **M.Pharm:** "Thermoreversible vaginal gel formulation."
Research Guide : Dr. S. B. Bhise

REFERENCES:

❖ Dr. S.B. Bhise (Ex-Principal)
Govt. College of Pharmacy,
Karad - 415 124.
Phone # 02164 - 271196 (Off)

Dr. R. L. Jadhav (Principal)
Shivraj College of Pharmacy,
Gadhinglaj, Kolhapur.
Ph: 9730189811.

DECLARATION:

I hereby declare that all the statements made in this C.V. are true and complete to the best of my knowledge and belief.

Place: Satara

Date: 05/01/2026

(Manisha R. Jadhav)