







Name : Mr. Umesh B. Telrandhe
Designation : Assistant Professor
Qualification : M. Pharm., Ph.D. (Pursuing)
Specialization : Pharmacognosy
E mail id : umed_057@yahoo.co.in ; umesh.pharmacy@dmimsu.edu.in
Phone : +91-9145500970
Experience : 15 years 06 Month

Mr. Umesh B. Telrandhe is currently working as Assistant Professor at Datta Meghe College of Pharmacy, Sawangi, Wardha since 27th September 2022. Previously he worked with Hi-Tech College of Pharmacy, Chandrapur as Associate Professor (1st July 2015 – 25th Sep 2022); also served at ADINA Institute of Pharmaceutical Sciences, Sagar (M.P) as Assistant Professor since (2nd June 2009 – 25th June 2015).

RESEARCH AREAS

- Formulation and development of transdermal delivery systems of flavonoids compounds.
- Herbal drug formulation and standardization, phytochemistry, and traditional medicine.

RESEARCH

- ✓  <https://scholar.google.co.in/citations?user=SToH994AAAAJ&hl=en>
- ✓  <https://orcid.org/0000-0001-5778-6030>
- ✓  <https://vidwan.inflibnet.ac.in/profile/377286>
- ✓  <https://www.researchgate.net/profile/Umesh-Telrandhe>

- ✓ https://id.elsevier.com/settings/redirect?code=v_CpOPXCQpB6KLOgBvtAET9Dqm_hldoX5sYCn1cP
- ✓ <https://apps.clarivate.com/account?app=censub&tab=email&next=https:%2F%2Fmj1.clarivate.com%2Fhome>

- **Publications** : 45
- **Books** : Nil
- **Book Chapters** : 05
- **Patents and Patent Design** : 02
- **Copyrights** : 08
- **SWAYAM-NPTEL Course** : 02
- **COURSERA Courses** : 07
- **Presentations** : 08 (International: 05, National: 03)

CONFERENCES/WORKSHOPS/SEMINARS ATTENDED: 40

ACADEMIC ACTIVITIES

M. Pharm.: “Prospective Study on the Root of *Cadaba farinosa*, *Forsk.*”

Pharmacogonostical, Phytochemical and Pharmacological work had been done on the root bark part and have isolate compound by Column Chromatography.

AWARDS & ACHIEVEMENTS

- **Received best paper award** for title “Recent advancements and therapeutics applications of the Niosomal Drug Delivery System” in International Conference on Intelligent Technologies for Sustainable Energy Management and Control (ITSEMC 2023) organized at Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India from 23rd to 24th November 2023 sponsored by VJTI Mumbai University, AIP Publishing, Scopus Preview and COEP Technical University Pune.
- Awarded as First Winner in National Level Photo Contest “**Click my Medicinal Plant**” on occasion of 58th National Pharmacy Week organized by Kamla Nehru College of Pharmacy, Butibori, Nagpur.
- Received an award for Master’s project “**The Prospective Study on the Root of *Cadaba farinosa*, *Forsk.*”** by Tamil Nadu Pharmaceutical Science Welfare Trust.

PROFESSIONAL MEMBERSHIPS

- Maharashtra State Pharmacy Council (Reg. No. 89697)
- Association of Pharmaceutical Teachers of India (APTI), 2023, (MA/LM-3648).

RECENT PUBLICATIONS

Research Paper Citations (Google Scholar – Till October 2024)

Total citations: 188

h-index: 08

i10-index: 06

1. Mayur Dandekar, **Umesh Telrandhe**, Prajakta Dandekar, Sejal Telrandhe, Shivam Mude. Recent Advancements and Therapeutic Applications of the Niosomal Drug Delivery System. *Asian Journal of Pharmaceutics*. 2024. 18 (3); 708-714. <https://doi.org/10.22377/ajp.v18i3.5621> (**Web of Science**)
2. Monika S. Hiware, **Umesh B. Telrandhe**. Targeted-based Nanocarriers for Control of Non-Hodgkin Lymphoma: Current Aspects and Future Perspectives. *Asian Journal of Pharmaceutics*. 2024. 18 (3); 761-770. <https://doi.org/10.22377/ajp.v18i3.5629> (**Web of Science**)
3. Isha A. Mirzapure, Mayur Dandekar, **Umesh Telrandhe**. Enhancing Medication Solubility Using Nano suspension: A Method. *Asian Journal of Pharmaceutics*. 2024. 18 (3); 808-813. <https://doi.org/10.22377/ajp.v18i3.5639> (**Web of Science**)
4. **Telrandhe UB**, Pethe MM, Pimpalshende PM. Potential Benefits of *Moringa oleifera* for Diabetic Foot Ulcers – Future Research and Applications. *International Journal of Pharmaceutical Quality Assurance*. 2024; 15(3):1918-1926. <https://doi.org/10.25258/ijpqa.15.3.122> (**Scopus Q3**).
5. Vyas UB, Telrandhe UB, Khobragade D. Multi-Path Mechanism of Phytoconstituents in Herbal Remedies for Obesity. *International Journal of Pharmaceutical Quality Assurance*. 2024; 15(3):1758-1766. <https://doi.org/10.25258/ijpqa.15.3.102>. (**Scopus Q3**).
6. Pethe MM, Rapelliwar A, Varma SK, Singh P, **Telrandhe UB**. Antidiabetic activity and Safety evaluation of *Triticum aestivum* (wheatgrass) extract in Alloxan-induced diabetic rats model. *International Journal of Pharmaceutical Quality Assurance*. 2024; 15(3):1378-1385. <https://doi.org/10.25258/ijpqa.15.3.45>. (**Scopus Q3**).

7. Dingalwar A, Pethe A, Kopare T, **Telrandhe U**. An Overview of the Components, Techniques, and Innovation Used for Fast-Dissolving Films. *International Journal of Drug Delivery Technology*. 2024; 14(3):1853-1862. <https://doi.org/10.25258/ijddt.14.3.84>. (**Scopus Q3**).
8. Achal A. Dingalwar, Anil M. Pethe, **Umesh B. Telrandhe**. Polyelectrolyte Complex-based Multiparticulate Drug Delivery System: A Special Emphasis on Chitosan and Alginate. *Asian Journal of Pharmaceutics*. 2024. 18 (2); 276-287. <https://doi.org/10.22377/ajp.v18i02.5437> (**Web of Science**)
9. Shamal P. Bhosale, Ganesh Shrinagare, **Umesh B. Telrandhe**. The Applicability of Artificial Intelligence to the Health-care Sector. *Asian Journal of Pharmaceutics*. 2024. 18 (2); 300-309. <https://doi.org/10.22377/ajp.v18i02.5439> (**Web of Science**)
10. Isha A. Mirzapure, Shamal Bhosle, Kartik Bhojar, **Umesh B. Telrandhe**. Advanced Solubility Science: Mixed Hydrotropy. *Asian Journal of Pharmaceutics*. 2024. 18 (2); 310-323. <https://doi.org/10.22377/ajp.v18i02.5440> (**Web of Science**)
11. **Telrandhe UB**, Shete VS, Vaidya SN. Exploring the Pharmacological Potential of Fisetin: A Comprehensive Review. *International Journal of Pharmaceutical Quality Assurance*. 2024; 15(2):1048-1055. <https://doi.org/10.25258/ijpqa.15.2.76> (**Scopus Q3**).
12. Telange DR, Kamdi S, Hemke AT, Pethe AM, Lambole VB, **Telrandhe UB**. Preparation, Characterization, and Hepatoprotective Activity Evaluation of Quercetin-loaded Pluronic® F127/Chitosan-Myristic Acid Mixed Micelles. *Curr Drug Deliv*. 2024 Mar 18. doi: 10.2174/0115672018278618240304054731. PMID: 38500282 (**Impact Factor: 2.4, Scopus**)
13. Telange DR, **Telrandhe UB**. Coprocessed Excipients: Multifunctional Excipients for Solid Oral, Liquid, Semisolid, Parenteral, and Biological Preparations. *Asian Journal of Pharmaceutics*. 2023. 17(04). (**Web of Science**) <https://doi.org/10.22377/ajp.v17i04.5094>
14. **Telrandhe UB**, Admachi AR, Mahajan U, Sabale VP, Hardas BM, Polshettiwar S, Godbole MD. Systematic Study on Osmotic Drug Delivery Device Covering Design, Types, and Elements Imparting Zero Order Release. *Asian Journal of Pharmaceutics*. 2023. 17(04). (**Web of Science**) <https://doi.org/10.22377/ajp.v17i04.5085>
15. Mude G, **Telrandhe U**, Makhijani S, Kapse M, Golani P, Lodhi D. Phytochemical screening, traditional uses, pharmacology, dosing limit, and metallic nanotherapeutics updates of *Tephrosia purpurea* Linn.: An investigation. *Asian J Pharm Res Health Care*

- 2023; 15:312-21. (Impact Factor: 0.4, Web of Science)
https://doi.org/10.4103/ajprhc.ajprhc_49_23
16. **Telrandhe UB**, Tapase AR, Madia DK, Gunde MC, Sheikh NWA. Formulation, Evaluation, and Comparison of Herbal Shampoo with Commercially Available Shampoos. *Asian Journal of Pharmaceutics*. 2023; 17 (3): 544-550. (Web of Science)
<https://doi.org/10.22377/ajp.v17i03.4999>
 17. Vaidya SN, Agrawal S, Lambole V, Pimpale A, **Telrandhe U**. Pharmaceutical Manufacturing Continuous Crystallization Procedures: A Review. *Asian Journal of Pharmaceutics*. 2023; 17 (3): 344-354. (Web of Science)
<https://doi.org/10.22377/ajp.v17i03.4967>
 18. **Telrandhe UB**, Galat LG, Chavan SD, Kamble MA, Gunde MC, Khirsagar RV. Formulation and Evaluation of Antimicrobial Ointment from *Acacia auriculiformis* Leaves Extract. *International Journal of Drug Delivery Technology*. 2023; 13(2):665-669. (Scopus Q3). <http://dx.doi.org/10.25258/ijddt.13.2.30>
 19. Vaidya SN, Agrawal S, **Telrandhe UB** and Pimpale A. A review on recent scenario of herbal cosmetics. *Annals of Phytomedicine*. 2023; 12(1): 1-11. (Web of Science Q3)
DOI: <http://dx.doi.org/10.54085/ap.2023.12.1.0>
 20. **Telrandhe UB**, and Gunde MC. Phytochemistry, pharmacology and multifarious activity of *Cassia tora* L.: A comprehensive review. *Annals of Phytomedicine*. 2022; 11(2): 231-239. (Web of Science Q3) DOI: <http://dx.doi.org/10.54085/ap.2022.11.2.25>
 21. Jeurkar MM, Kosalge SB, Sheikh NA and **Telrandhe UB**. *Cyperus rotundus* L.: Phytochemistry and pharmacological activities. *Annals of Phytomedicine*. 2022; 11(2): 186-196. (Web of Science Q3) DOI: <http://dx.doi.org/10.54085/ap.2022.11.2.20>
 22. Vaidya SN, **Telrandhe UB** and Agrawal S. Nutritional and health benefits of kiwifruit: An overview. *Annals of Phytomedicine*. 2022; 11(2): 176-185. (Web of Science Q3)
DOI: <http://dx.doi.org/10.54085/ap.2022.11.2.19>
 23. Jadhav SV, Kosalge SB, **Telrandhe UB**, Chaudhari SS, Deshmukh NB. Medicinal Plant Turmeric for Socioeconomic Empowerment Hingoli District. *Journal of Emerging Technologies and Innovative Research*. 2022; 9 (10): e69-e73.
 24. **Telrandhe UB**, Hemalatha S, Kosalge SB, Sheikh NA. "Phyto-physicochemical and high-performance thin layer chromatography investigation of root of *Cadaba farinosa*, Forsk." *International Journal of Green Pharmacy*. 2022; 16 (1):126.
<https://doi.org/10.22377/ijgp.v16i1.3225>

25. Parihar S, Sharma D, Chirania A, **Telrandhe UB**. "To Review on the Pharmacology of the Leaf Extract of *Catharanthus roseus*." *Asian Journal of Pharmaceutical Research and Development*. 2022; 10(1):32-37. <https://doi.org/10.22270/ajprd.v10i1.1075>
26. **Telrandhe UB**, Kosalge SB, Parihar S, Sharma D, Lade SN. "Phytochemistry and Pharmacological Activities of *Swietenia macrophylla* King (Meliaceae)." *Scholars Academic Journal of Pharmacy*, 2022; 11(1): 6-12. <https://doi.org/10.36347/sajp.2022.v11i01.002>
27. **Telrandhe UB**, Kosalge SB, Parihar S, Sharma D, Hemalatha S. Collection and Cultivation of *Swietenia macrophylla* King. *Scholars Academic Journal of Pharmacy*, 2022 Jan 11(1): 13-19. <https://doi.org/10.36347/sajp.2022.v11i01.003>
28. **Telrandhe UB**, Lokhande RR, Lodhe VN, Kosalge SB, Parihar S, Sharma D. Review on Herbal Drugs used in Dental Care Management. *Asian Journal of Pharmaceutical Research and Development*. 2021; 9(6): 71-79. <https://doi.org/10.22270/ajprd.v9i6.1040>
29. Lade SN, Burle SS, Kosalge SB, **Telrandhe UB**. Anti-counterfeit Technologies to Combat Counterfeiting in Pharma Industry: An Overview. *International Journal of Pharmacy Research & Technology*.2020; 10(2): 15-24. <https://doi.org/10.31838/ijprt/10.02.03>
30. **Telrandhe UB**, Lade SN, Burle SS, Dixit S, Kosalge SB. Pharmacognostic and Phytochemical Investigation on Seed of *Bixa orellana* Linn. *Asian J Med Health Res*. 2016; 1(3).
31. Lade S, Burle S, **Telrandhe UB**, and Kosalge SB. Self-emulsifying Drug Delivery System- A Novel Approach to Improve Bioavailability. *In European Journal of Pharmaceutical and Medical Research*, 2016, 3(1), 164-173.
32. Swati N. Lade, Satish Kosalge, Devender Sharma, Sushil Burle and **Umesh Telrandhe**. "An Updated Review on Medicated Gum as a Potential Tool for Novel Drug Delivery System." *European Journal of Biomedical and Pharmaceutical sciences*, 2016, 3(12) 241-252.
33. **Umesh B. Telrandhe**, Vaibhav Uplanchiwar. "**Phyto-Pharmacological Perspective of *Cadaba farinosa* Forsk.**" *In American Journal of Phytomedicine and Clinical Therapeutics*. 2013. *AJPCT* 1(1); 2013: 011-022.
34. **Umesh B. Telrandhe**, Rakesh Kurmi, Mohd. H. Mansoori, Vivek Jain, Sunil. K Jain, Raj Kumar Jain. "Nutraceuticals- A Phenomenal Resource in Modern Medicine!" *International Journal of Universal Pharmacy and Life Sciences*. V2 (1): 179-195; 2012.

35. M. Rama Devi, N. Siva Subramanian, S. Anbazhagan, **Umesh B. Telrandhe**. "Anti gastric ulcer activity of Ficus nervosa bark in wistar albino rats." *In Journal of Chemical and Pharmaceutical Research*, 2012, 4(2):1288-1295. **(Scopus)**
36. Vivek Jain, Anuj Modi, Anurekha Jain, Alankar Shrivastava, **Umesh B. Telrandhe**, Sunil K. Jain. "A validated UV Spectrophotometric method for dosage form determination of Tadalafil in bulk and solid dosage form." *In Journal of Advances in Drug Research*, Vol II, Issue 1, Jan 2012, 13-18.
37. Kuldeep Kumar Rathor, Malarkodi Velraj and **Umesh B. Telrandhe**. "Prospective and medicinal value of herbal plants on Swine Influenza Virus (SIV) in Jalaun District, Uttar Pradesh." *Journal of Medicinal and Aromatic Plant Sciences*. 33 (1) (2011) 13-20.
38. **Umesh B. Telrandhe**, S. Hemalatha and Anuj Modi. "Pharmacognostic and Phytochemical Investigation on the Root of *Cadaba farinosa*, Forsk". *In International Journal of Pharma and Bioscience*.1 (2):1-13; 2010. **(Scopus)**
39. **Umesh B. Telrandhe**, Anuj Modi, Vaibhav Uplanchiwar, Avinash Gahane, S. Hemalatha and D.V. Goswami. "Hepatoprotective and Antioxidant activity of Root of *Cadaba farinosa*, Forsk. Against Carbon Tetra Chloride induced Hepatotoxicity in Rats". *Journal of Pharmacy Research*. 2010, 3(6).
40. **Umesh B Telrandhe**, Avinash Gahane, Vaibhav Uplanchiwar and Anuj Modi. "Hepatoprotective and Antioxidant activity of *Cadaba farinosa*, Forsk against carbon tetra chloride induced Hepatotoxicity in rats". *In International Journal of Pharmaceutical Research and Development* .S.No 31: Page No 12; 2010.
41. D.V Goswami, **Umesh B. Telrandhe**, Anuj Modi. "Effect of Various Extracts of *Tectona grandis* Linn. Bark on Bronchitis". *In Pharmacology online*. 1: 816-820 (2010). **(Scopus)**
42. B. Venkatesh, Vaibhav Uplanchiwar, Avinash Gahane, **Umesh B. Telrandhe**, Anuj Modi. "Protective effect of L-35, A Herbal Formulation, against Isoniazid induced Hepatotoxicity in Rats". *Journal of Pharmacy Research* 2010, 3(6).
43. Poonam Yadav, Vaibhav Uplanchiwar, Avinash Gahane, Anuj Modi, **Umesh B. Telrandhe**, Bheemachari. "Nootropic Activity of L- 33 – A Polyherbal Formulation". *Pharmacology online* 2: 818-827 (2010). **(Scopus)**
44. M Rama Devi, **Umesh B. Telrandhe**, N Siva Subramanian, VRM Gupta, B Sree Giri Prasad. "Hepatoprotective Activity of *Ficus mollis* (Vahl) leaf extract on CCl₄ Induced Hepatic Damage in wistar albino rats". *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 2010, 1(4) Page No. 338. **(Scopus)**

45. Vaibhav Uplanchiwar, **Umesh B. Telrandhe**, Avinash Gahane, and Anuj Modi. "Ulcer Protective activity *Gloriosa superba* Linn against experimentally induced Gastric Ulcer". In *International Journal of Pharmaceutical Research and Development*. 2010.