



# ADITYA PHARMACY COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

## RESEARCH PUBLICATIONS

### ACADEMIC YEAR 2024-2025

|                                                                              |           |
|------------------------------------------------------------------------------|-----------|
| Science Citation Indexed (SCI) Journals with Impact Factor (IF) by Clarivate | 6         |
| International Journals (Scopus)                                              | 3         |
| Web of Science Journals                                                      |           |
| Google scholar Indexed Journals                                              | 5         |
| Conference proceedings (SCOPUS Indexed)                                      | -         |
| <b>TOTAL PUBLICATIONS</b>                                                    | <b>14</b> |

1. Kumar DS, Bhavitha K, Harani A, Meenakshi V, Rajendran P, Lee IE, et al. Green Analytical Comparison and Central Composite Design Optimization for Simultaneous Estimation of Pain Management Drugs Using RP-Liquid Chromatography. *Microchem J.* 2025;208:112309. <https://doi.org/10.1016/j.microc.2024.112309>  
[SCI; IF: 4.9, Q1]
2. Narukulla S, Bogadi S, Tallapaneni V, Sanapalli BKR, Sanju S, Khan AA, Malik A, Barai HR, Mondal TK, Karri VVSR, Alexiou A, **Pindiprolu SKSS**, Kuppasamy G, Subramaniyan V, Islam MR, Papadakis M. Comparative study between the Full Factorial, Box–Behnken, and Central Composite Designs in the optimization of metronidazole immediate release tablet. *Microchem J.* 2024;207:111875. doi: <https://doi.org/10.1016/j.microc.2024.111875>.  
[SCI; IF: 4.9, Q1]
3. **Gummadi R**, Dasari N, Kumar S, **Pindiprolu SK**. Evaluating the accuracy of large language model (ChatGPT) in providing information on metastatic breast cancer. *Adv Pharm Bull.* 2024;14(3). doi: [10.34172/apb.2024.060](https://doi.org/10.34172/apb.2024.060).  
[SCI; IF: 3.1, Q1]
4. Srinivasarao DA, Shah S, Famta P, **Pindiprolu SK** et al. Unravelling the role of tumor microenvironment responsive nanobiomaterials in spatiotemporal controlled drug delivery for lung cancer therapy. *Drug Deliv Transl Res.* 2024. doi: <https://doi.org/10.1007/s13346-024-01673-z>.  
[SCI; IF: 4.9, Q1]
5. Raghuveer P, Shanthi D, **Uday Kumar T**, Rao PL, Sriharsha K, Madhuri D, Kanakaraju VK, Srikar G. Aqueous Dispersion Polymerization for the Development of Lamivudine-Polyacrylonitrile Nanoparticles through Quality by Design Approach. *Chem Pharm Bull (Tokyo).* 2024;72(11):950-960. <https://doi.org/10.1248/cpb.c24-00334>  
[SCI; IF: 1.5, Q3]
6. **Dasari N**, Ahmed N, Panda S, Kumari A, Lakshmi TT, Vemana HR. Managing high disease burden: a study of medication rationality in diabetes and hypertension in Andhra Pradesh. *J Diabetes Metab Disord.* 2024. doi: [10.1007/s40200-024-01475-7](https://doi.org/10.1007/s40200-024-01475-7).  
[SCI; IF: 1.8, Q2]
7. **Balla S**, **Dasari N**, Palina SP, Dinakaran SK, Pulidindi L. Colorimetric analysis of phenols and flavonoids in pomegranate plant extract. *J Res Pharm.* 2024;28(5):1720-1741. DOI: 10.29228/jrp.846.



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[SCOPUS, Q3]

8. Balla S, Dasari N, Palina SP, Dinakaran SK, Pulidindi L. Colorimetric analysis of phenols and flavonoids in pomegranate plant extract. *J Res Pharm.* 2024;28(5):1720-1741. <http://dx.doi.org/10.29228/jrp.846>

[SCOPUS, Q3]

9. Bandaru N, Pedapati VMD, Sarika M, Swaroopa SV, Aparna M, Ibrahim MS, Gambhire MS, Samineni R, Narender M, Dudhe PB. DNA Protective, Aldose Reductase Inhibitory and Anti-Cataract Activities of Ferulic Acid. *Toxicol Int.* 2024;31(4):515-522. <https://doi.org/10.18311/ti/2024/v31i4/43004>

[SCOPUS, Q4]

10. Sattar MA, Madhavi CL, Chandra SR, Rao JS, Kumar DL, Yazdan SK, Saidulu P. RP-HPLC Method Development for the Simultaneous Estimation of Piracetam and Citicoline in Pharmaceutical Dosage Form. *Afr J Biomed Res.* 2024;27:2176-2181. DOI: 10.53555/AJBR.v27i1S.1302.

11. Chitra LM, Taninki SS, Kondamuri P, Lotha PS. Design, Green Synthesis and Molecular Docking Studies of a Novel 2,4,5-Triphenyl Imidazole Derivative. *Int J Pharm Sci Res.* 2024;15(12):3548-3554. DOI: 10.13040/IJPSR.0975-8232.15(12).3548-54.

12. Sreenivasulu M, Sivakumar M, Prema S, Sahithi A, Sarika M, Delhiraj N, et al. A Review on Bioanalysis of Recently-Approved Kinase Inhibitors. *Advances in BioResearch.* 2023;14(6):430-442. DOI: 10.15515/abr.0976-4585.14.6.430432.

13. Bhaskararao P, Sarika M, Madhavi CL, Gupta MK, Prasanthi G. The Industrial Importance of Technology Transfer for Analytical Method Development and Validation–Application to Vilazodone Hydrochloride Dosage Form. *Int J Chem Res.* 2024;8(4):12-17. DOI: 10.22159/ijcr.2024v8i4.235.

14. Prasanthi G, Bandaru N, Sri NN, Nalla S, Gambhire MS, Srilakshmi N. Macrolide Antibiotic-Induced Acute Generalized Exanthematous Pustulosis in an Epileptic Patient on Phenytoin Therapy. *Int J Pharm Investig.* 2024;14(4):1287-1290. DOI: 10.5530/ijpi.14.4.142.