

## **Department of Pharmaceutics**

### **Publications 2024-25**

1. Harshith S, Hemalatha KP\*, Mancy SP, Chandana Y. Advancements in traditional medicine: preparation and characterization of pomegranate extract raft forming tablets. *Journal of Neonatal Surgery*. 2025; 14(32s): 1987–2001, ISSN 1659-5110, SCImago Journal Rank **Q4**, Scopus cite score: **0.4**, <https://www.jneonatsurg.com/index.php/jns/article/view/7686/6695>
2. Hemalatha KP\*, Aradya M, Vijaykumar S, Mancy S P, Mamatha BC, Singh SK, Gupta G. Preparation, optimization and evaluation of anti-inflammatory, analgesic and inflammatory bowel disease of indomethacin raft forming tablets. *International Journal of Environmental Sciences*. 2025; 11(5a): 1747–1765, ISSN 0976-4402, SCImago Journal Rank **Q3**, Scopus cite score: **1.4**, <https://theaspd.com/index.php/ijes/article/view/3115/2382>
3. Pooja K G, Manjunath K\*. Formulation and evaluation of fast dissolving buccal film containing dabigatran etexilate. *European Journal of Pharmaceutical and Medical Research*. 2025; 12(2): 372–378, ISSN 2394-3211, **[Impact factor: 7.065]**.
4. Pallavi Chalawadi, Manjunath K\*. Formulation and evaluation of fast dissolving oral films containing benidipine hydrochloride. *World Journal of Pharmaceutical Research*. 2025; 14(3): 929–939, ISSN 2277-7105, **[Impact factor: 8.084]**.
5. Neha S, Bhagawati S, Manjunath K\*, Surve R, Sawant R. Phytochemical profiling of *Wrightia tinctoria* leaf and identification of marker compound rutin by RP-HPLC analysis for the treatment of psoriasis. *RGUHS Journal of Pharmaceutical Sciences*. 2025; 15(3): 39–46, ISSN 2455-2062.
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8. Ashok Kumar P\*, Usha TS, Bhagyashree, Ganavi KS, Shaik Asraful Abdul Kalam. Utilization patterns of anticoagulant and antiplatelet drugs in cardiovascular patients at a tertiary care hospital. *Journal of Pharmaceutical Research International*. 2025; 37(5): 76–88, ISSN 2456-9119, **[Impact factor: 1.6]**.
9. Ashok Kumar P\*, Chandana MA, Kavana KP, Yaseen Khan, Ankosh Jadhav. Evaluation of switch over to definitive therapy from empirical therapy in adult patients admitted with lower respiratory tract infections. *Journal of*

Pharmaceutical Research International. 2025; 37(4): 134–146, ISSN 2456-9119, **[Impact factor: 1.6]**.

10. Mancy SP, Hemalatha KP\*, Manjunath K, Singh S K, Gupta G, Vishwas S, Kumar S V. Improving the efficiency of drug by incorporating in polymerized lipid nanoparticle for rheumatoid arthritis. European Journal of Pharmaceutical and Medical Research. 2024; 11(10): 146–152, ISSN 2394-3211, **[Impact factor: 7.065]**.  
[https://storage.googleapis.com/innctech/ejpmr/article\\_issue/1727681432.pdf](https://storage.googleapis.com/innctech/ejpmr/article_issue/1727681432.pdf)
11. Gupta G, Afzal M, Moglad E, Ali H, Singh TG, Kumbhar P, Disouza J, Almuajri SS, Kazmi I, Alzarea SI, Hemalatha KP\*, Goh BH, Singh SK, Dua K. Non-coding RNAs as key regulators of Gasdermin-D mediated pyroptosis in cancer therapy. Pathology Research and Practice. 2024;261:1–11. ISSN 0344-0338, Scopus indexed. Cited in **WoS**. doi:10.1016/j.prp.2024.155490
12. Manoj YR, Manjunath K\*. Development and evaluation of floating sustained release bilayer tablets containing cyproheptadine hydrochloride. World Journal of Pharmacy and Pharmaceutical Sciences. 2024; 12(12): 997–1012, ISSN 2278-4357, **[Impact factor: 6.3]**.
13. Ashok Kumar P\*, Ananya BS, Anitha A, Harshitha KA, Sahana MN, Kavya TS. Regulatory requirements of orphan medicines in India as per CDSCO in comparison with Bhutan. European Journal of Pharmaceutical and Medical Research. 2024; 11(12): 203–207, ISSN 2394-3211, **[Impact factor: 7.065]**.
14. Ashok Kumar P\*, Gagana KN, Ganashree H, Kavana TS, Madhu Charan DM, Puneeth KM. Regulatory requirements for cardiovascular disease in India as per CDSCO in comparison with United States. European Journal of Pharmaceutical and Medical Research. 2024; 11(10): 511–515, ISSN 2394-3211, **[Impact factor: 7.065]**.
15. Ashok Kumar P\*, Divyashree, Manasa Shetty, Renuka V, Sudeep Gowda K, Yashaswini. Regulatory requirements of over-the-counter (OTC) drugs in India as per CDSCO in comparison with United States of America. European Journal of Pharmaceutical and Medical Research. 2024; 11(10): 561–570, ISSN 2394-3211, **[Impact factor: 7.065]**.
16. Ashok Kumar P\*, Ashritha, Bhoomika K, Meghna SR, Rathna NR, Trishmita Saha. Regulatory requirements for medical devices in India as per CDSCO comparison with Spain. European Journal of Pharmaceutical and Medical Research. 2024; 11(10): 488–497, ISSN 2394-3211, **[Impact factor: 7.065]**.
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18. Ashok Kumar P\*, Kavyashree BL, Thejaswini S, Madhushree KS, Rohini SB, Rohini MC. Current regulatory requirements and regulations for the submission of ANDA in India comparison with Germany. *European Journal of Pharmaceutical and Medical Research*. 2024; 11(10): 481–487, ISSN 2394-3211, **[Impact factor: 7.065]**.
19. Ashok Kumar P\*, Darshan R, Mohammed Shabaz Ahmed MS, Toufeeq Chowdry, Parmeshwar Biradar, Khalandar M. Biological medical product allergic, gene, recombinant protein in India comparison with Europe. *European Journal of Pharmaceutical and Medical Research*. 2024; 11(10): 373–376, ISSN 2394-3211, **[Impact factor: 7.065]**.
20. Ashok Kumar P\*, Afifa Misba, Ameena Banu, Chethan L, Nizam Pasha, Noor Neha. Regulatory requirements of biological medical products using cells and tissues in India under CDSCO in comparison with Ethiopia. *European Journal of Pharmaceutical and Medical Research*. 2024; 11(10): 261–267, ISSN 2394-3211, **[Impact factor: 7.065]**.

#### Publications 2023-24

1. Hemalatha KP\*, Mancy SP. A systematic review on microneedles: a guide to fabrication, applications, and various research probe. *African Journal of Biomedical Research*. 2024; 27(4): 15034–15051, ISSN 1118-4296, SCImago Journal Rank **Q4**, <https://doi.org/10.53555/AJBR.v27i4S.7100>
2. Sachidananda V, Mamatha B C, Hemalatha KP\*, Mancy SP, Vishwas ATL. A comprehensive review of the phytochemistry, pharmacology, and therapeutic benefits of *Ficus racemosa* Linn. *African Journal of Biomedical Research*. 2024; 27(3): 2694–2704, ISSN 1118-4296, SCImago Journal Rank **Q4**, <https://doi.org/10.53555/AJBR.v27i3.6231>
3. Yashaswini HN, Bhagawati ST, Manjunath K\*. Formulation and evaluation of fast dissolving buccal films containing bambuterol HCl. *International Journal of Current Science Research and Review*. 2024; 7(5): 2818–2833, ISSN 2347-9801, **[Impact factor: 5.2]**.
4. Ashok Kumar P\*, Preethi B, Nithyashree M, Navya HC, Srujana G, Poornima CS. Regulatory requirements on parenteral dosage forms as per CDSCO in India comparison with South Africa. *American Journal of Pharmaceutical Technology Research*. 2024; 14(5): 37–50, ISSN 2231-6876, **[Impact factor: 4.0]**.
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6. Ashok Kumar P\*, Nayana GU, Nithin N, Sharath Kumar N, Sharvari B, Yashaswini PR. Regulatory requirements for biosimilars as per CDSCO in India in comparison with Yemen. World Journal of Advanced Research and Reviews. 2024; 23(3): 2292–2303, ISSN 2456-2996, **[Impact factor: 4.5]**.
  7. Ashok Kumar P\*, Lakshmi S, Bhavana KP, Anusha B, Preeti Basavaraj Dayasagar, M Kavitha. Regulatory requirements for the approval of anti-cancer drugs as per CDSCO in India comparison with Singapore. World Journal of Advanced Research and Reviews. 2024; 23(3): 2969–2978, ISSN 2456-2996, **[Impact factor: 4.5]**.
  8. Ashok Kumar P\*, Gagana CJ, Sowmya T, Lalitha, Lavanya SN, Divya S. Regulatory requirements for dietary supplements under Food Safety and Standards Authority of India (FSSAI) in comparison with Cambodia. World Journal of Advanced Research and Reviews. 2024; 23(3): 2558–2571, ISSN 2456-2996, **[Impact factor: 4.5]**.
  9. Ashok Kumar P\*, Dhanush K P, Darshan GV, Vikas S, Rakshith BM, Manoj Kumar MC. Recent advancement in regulatory requirements on hypertension in India as per CDSCO in comparison with Australia. World Journal of Advanced Research and Reviews. 2024; 23(3): 2979–2989, ISSN 2456-2996, **[Impact factor: 4.5]**.
  10. Ashok Kumar P\*, Basavaraj. Development and evaluation of floating sustained release bilayer tablets containing trimethoprim. European Journal of Pharmaceutical and Medical Research. 2024; 11(5): 659–666, ISSN 2394-3211, **[Impact factor: 7.065]**.
  11. Ashok Kumar P\*, Roshni TN, Thanushree YN, Jyothi R, Jothsna AM. Recent rules and regulations related to manufacturing drug product in quality control as per CDSCO in India comparison with Uganda. European Journal of Pharmaceutical and Medical Research. 2023; 10(11): 117–123, ISSN 2394-3211.
  12. Ashok Kumar P\*, Rakesh SP, Reshma, Sanjay Kumar DR, Sanjay S Shekar, Shilpashree BR. Regulatory requirements and filing procedure of DMF in India in comparison with Brazil. European Journal of Pharmaceutical and Medical Research. 2023; 10(10): 106–114, ISSN 2394-3211.
  13. Ashok Kumar P\*, Prajwal M, Priya G, Gudagur Jyothi, Shwetha S, Kavya HL. Recent advancement and rules regulations related to medical devices as per CDSCO in India comparison with South Korea. European Journal of Pharmaceutical and Medical Research. 2023; 10(12): 444–452, ISSN 2394-3211.
  14. Ashok Kumar P\*, Meghana, Prakruthi, Deepak, Kowshik SV, Anup Kumar M. Regulatory requirements for orphan medicine as per CDSCO in India comparison with US and European Union. European Journal of Pharmaceutical and Medical Research. 2023; 10(11): 172–176, ISSN 2394-3211.
  15. Ashok Kumar P\*, Keerthirani S, Manoj CK, Rashitha V, Moka N Nithin, Inchara KP. Regulatory requirements for the approval of anti-cancer drugs in Philippines as

- per ACTD. European Journal of Pharmaceutical and Medical Research. 2023; 10(11): 141–146, ISSN 2394-3211.
16. Ashok Kumar P\*, Akshatha SN, Bhavya VR, Devika TS, Hemalatha TL. The role and recent development of pharmacovigilance as per CDSCO guidelines in India comparison with China. World Journal of Pharmacy and Pharmaceutical Sciences. 2023; 12(11): 406–420, ISSN 2278-4357.
  17. Ashok Kumar P\*, Dheeraj P, Monika T, Monisha MV, Naveen KM, Prem Suresh Kumakale. Regulatory requirements for the approval of vaccines in India & comparison with other countries. 2023; 12(11): 388–405, ISSN 2278-4357.
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  19. Ashok Kumar P\*, Kavya A, Rashmi E, Shilpashree GN, Sowjanya M, Sowmya S. Regulatory requirements for dossier submission in India as per CDSCO in comparison with Sri Lanka. European Journal of Pharmaceutical and Medical Research. 2023; 10(11): 278–280, ISSN 2394-3211.

#### Publications 2022-23

1. Hemalatha KP, Kulkarni SV\*, Kumar AP. Preparation, characterisation and in-vitro release of anti-cancer activity of MWCNTs functionalized with carboxylic group. European Journal of Pharmaceutical and Medical Research. 2023; 10(1): 217–227, ISSN 2394-3211, **[Impact factor: 7.065]**.  
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2. Hemalatha KP, Kulkarni SV\*. Preparation and statistical in-vitro evaluation of covalent functionalized multi-walled carbon nanotube 5-fluorouracil conjugates. International Journal of Multidisciplinary Research. 2023; 5(1): 1–13, ISSN 2454-5975, **[Impact factor: 9.24]**.  
<https://www.ijfmr.com/research-paper.php?id=1314>
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5. Kishor HB, Manjunath K, Suresh V Kulkarni\*. Formulation and evaluation of glibenclamide loaded nanosponges. World Journal of Advanced Research and Reviews. 2023; 20(3): 850–862, ISSN 2456-2996.
6. Ashok Kumar P\*, Shashikala G, Rashmi HR, Kavya VC, Shashidhar K. Recent advancement in regulatory requirements on hypertension in India as per CDSCO

in comparison with South Africa. *World Journal of Advanced Research and Reviews*. 2023; 20(1): 447–450, ISSN 2456-2996.

7. Ashok Kumar P\*, Renu GM, Suhas S Gowda, Tejaswini HU, Vinay Kumar, Yashwanth HN. Current regulatory requirements and regulation on submission of ANDA in India comparison with Singapore. *World Journal of Advanced Research and Reviews*. 2023; 20(1): 404–409, ISSN 2456-2996.
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9. Ashok Kumar P\*, Bharathi R, Darshan GP, Rajesh TS, Siddaramaiah KS, Sushma N. Regulatory requirements in the preparation of CTD and eCTD as per CDSCO comparison with Brazil. *World Journal of Advanced Research and Reviews*. 2023; 20(2): 46–53, ISSN 2456-2996.
10. Ashok Kumar P\*, Bhavana S, Jayashree A, Kavya N, Mahalakshmi KS, Manasa TG. Regulatory requirements for biosimilars as per CDSCO and UAE. *American Journal of PharmTech Research*. 2023; 13(5): 90–102, ISSN 2231-6876.
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13. Ayesha Kubbra, Hemalatha KP\*, Akshith K. An overview of superdisintegrating agents used in fast disintegrating tablets. *World J Pharm Pharm Sci* 2022;11(8);755-789.
14. Ayesha Kubbra, Abdul Waris Khan, Manjunath K\*. Colon targeting of budesonide using pulsine cap technique for Crohn's disease. *World J Pharm Pharm Sci* 2022;11(10);915-943.
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16. Darshan A, Manjunath K\*, Ashok Kumar P, Pooja RV. Development and evaluation of nanoparticle drug delivery systems for cefixime trihydrate. *World J Pharm Pharm Sci* 2022;11(11);837-855.
17. Chidananda SP, P Ashok Kumar\*, Suresh V Kulkarni, Manjunath K. Development and evaluation of floating bilayer tablets of omeprazole and amoxicillin. *World J Pharm Pharm Sci* 2022;11(11);1284-1299.