



AL-AMEEN COLLEGE OF PHARMACY

HOSUR ROAD, BANGALORE-560 027.

LIST OF PUBLICATIONS

- **Department of Pharmaceutics**
- **Department of Pharmacology**
- **Department of Quality Assurance**
- **Department of Pharmacy Practice**
- **Department of Pharmaceutical Chemistry**
- **Department of Pharmacognosy**



DEPARTMENT OF PHARMACEUTICS

1. **Priyanka Priyadarshini, Preeti Karwa, Ayesha Syed, A.N. Asha.** Formulation and Evaluation of Nanoemulgels for the topical drug delivery of Posaconazole. Journal drug delivery and therapeutics. 2023;13 (01): 33-43.
2. **Preeti Karwa, Ayesha Syed & Priyanka Priyadarshini.** Formulation and Evaluation of Genistein Nanoemulsion for enhanced topical delivery. EJPMR. 2022 December.
3. **Preeti Karwa, Nikhil Sutar.** Effect of Cellulose Acetate (CA-398-10 NF/EP) on Osmotically Controlled Drug Delivery System of Amitriptyline. Drug Delivery Letters. 2022 Sep 1;12(3):196-205.
4. **Preeti Karwa, Ziaul Karim, Shobha Rani Hiremath.** Polymeric micro needles for transdermal drug delivery- a review of recent studies. J Drug Deliv. Sci. Technol. 2022; 77. (Impact Factor: 5.062)
5. **Ayesha Syed, Preeti Karwa, V. Kusum Devi.** Preparation and Characterization of Bovine Serum Albumin Nanoparticles of Curcumin using a Chemometric Approach. J. Nat. Remedies.2022; 22 (4):1-11.
6. **Ayesha Syed, V. Kusum Devi.** Development and validation of a sensitive high performance liquid chromatography (HPLC) method for the estimation of Curcumin in rat plasma. Int J Pharm Sci & Res 2022; 13(3): 1225-30. doi: 10.13040/IJPSR.0975-8232.13(3).1225-30.
7. **Suma R, Likith S, Manasa N.** Potential of Nano vesicles in the treatment of myeloid leukemia. International Journal of Pharmacy & Pharmaceutical Research 2022; 24(2): 114-138.
8. **Suma R, Preeti Karwa, Kusum Devi.** Development and validation of analytical method for quantification of Tacrolimus in bulk and capsule dosage form by UV spectrophotometer. Indo Am. J. P. Sci. 2022; 09(9): 123-128. Doi-<https://doi.org/10.5281/zenodo.7070914>

9. **Suma R, Manasa N, Likith S:** Potential of Nanoparticles in the effective management of Breast cancer IJPSR. 2022; 14(1): 1000-14.
10. **Tanushree C, Rajesh Verma, Jaya Sharma, Pankaj Sharma.** 3² Full factorial design of clindamycin Phosphate loaded Nanogel: A design of Experiments (DOE) Approach. International Journal of Pharmacy & Pharmaceutical Research 2022; 24(4): 160-171
11. **Suma R, Preeti Karwa, V. Kusum Devi.** Development and validation of UV spectrophotometric method for determination of Tacrolimus in bulk and capsule dosage form. RGUHS Journal of Pharmaceutical Sciences 2022; 12(3): 21-25.DOI: 10.26463/rjps; 12_3_4.
12. **Tanushree C, Chandrakala DC, Gowrishankar.** Box-behnken design as a tool for development & optimization of freeze-dried oral disintegrating tablet of a model beta-3 adrenoreceptor agonist drug for over active bladder treatment. Indo Am.J.P.Sci 2022; 09(11): 18-25
13. **Tanushree C, Gowrishankar, Chandrakala DC.** Application of freeze-drying technique in the development and evaluation of Nano suspension loaded odf of antipsychotic drug. Indo Am.J.P.Sci 2022; 09(11): 18-25.
14. **Ayesha Syed , V. Kusum Devi.** Simple Spectrophotometric Method for Simultaneous Estimation of Methotrexate and Curcumin in Bulk Drugs. Indo American Journal of Pharmaceutical Sciences 2021; 08(05). DOI: <http://doi.org/10.5281/zenodo.4746531>.
15. **Ayesha Syed, V. Kusum Devi, Preeti Karwa.** Applying Taguchi Design for the Synthesis of Albumin Nanoparticles of Methotrexate by Desolation Technique. RGUHS Journal of Pharmaceutical Sciences 2020; 10(4).DOI: 10.5530/rjps.2020.4.5.
16. **Siddu K Mavintop, Aisha Khanum, Ayesha Syed.** Advance Techniques in Treating Cutaneous Fungal Infections. Indo American Journal of Pharmaceutical Research 2020: 10(05).
17. **Shreshtha S, Tanushree C, Aisha Khanum.** A review on novel drug delivery systems on lincosamide antibiotics clindamycin a model drug. Indo American Journal of Pharmaceutical Research 2020: 10(05).

18. **Suma R, Kusum Devi.** Lung Transplantation; Potential of Biomarkers and Nanotechnology in management of organ rejection. *RGUHS Journal of Pharmaceutical Sciences* 2019; 9(4): 11-26.
19. **V. Kusum Devi, Ayesha Syed.** Potential of targeted drug delivery systems in treatment of rheumatoid arthritis. *Journal of Drug Delivery Science and Technology (SJIF Impact Factor: 2.606)* Oct 2019; 53:1-10.
20. **V. Kusum Devi, Ayesha Syed.** Transdermal delivery of azathioprine by solid lip nanoparticles: *In-vitro* and *ex-vivo* studies. *International Journal of Pharmaceutical Sciences and Research (SJIF Impact Factor: 1.83)* Feb 2019; 10(2): 586-98.
21. **V. Kusum Devi, M. Mathur.** Design of Experiment: A novel and systematic approach of developing formulations in pharmaceuticals. *World Journal of Pharmaceutical Sciences, (SJIF Impact Factor: 8.074)* March 2019. Manuscript Number WJPR/14711/8/2019.
22. **A Khanum, S K Das, A, Ghosh.** Micro emulsion based gel technique: a novel approach for sustained delivery to treat fungal infection. *Indo American journal of Pharmaceutical Research* March 2019; 8 (02): 1957-67.
23. **Swetha T, T Chakraborty.** Nanosponges: new colloidal drug delivery system for topical drug delivery *IAJPS* Feb 2019; 06 (02): 4263-4276.
24. **Deepika U, Suma R.** Novel drug delivery systems for the effective treatment of psoriasis- a review *IAJPS* feb 2019; 06 (03): 4874-4880.
25. **V. Kusum Devi, M. Mathur.** Investigation of different types of Nano drug delivery systems of atorvastatin for the treatment of hyperlipidemia. *Drug development and industrial pharmacy* Sep 2018; 44 (12).
26. **V. Kusum Devi, M. Mathur, V. Raichur.** Preparation, characterization and cell uptake studies of multi-drug polymeric nanoparticles loaded patches for management of AIDS and tuberculosis in pediatric population. *World Journal of Pharmaceutical Sciences, (SJIF Impact Factor: 8.074)* April 2018; 7 (7): 1900-1923.
27. **V. Kusum Devi V. Raichur, M. Mathur, A. Khan.** 'Paediatric- friendly Multi-Drug Polymeric Nanoparticles for Management of AIDS and Tuberculosis. *European Journal of Biomedical and Pharmaceutical Sciences, (SJIF Impact Factor: 4.918),* April 2018; 5(4).

28. **D. Kumar, T Chakraborty.** Advancement in the field of pelletization technique for novel drug delivery systems. Advance research in pharmaceuticals and biologicals, March 2018: 2 (II); 911-919.

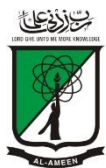
29. **M. Asha Rani, H.N. Chaya, T. Chakraborty, Dr. C.S.R. Lakshmi, Dr. L.V.G. Nargund.** Design and development of orally disintegrating tablets of quetiapine fumarate by direct compression method, Journal of Pharma Research Jul-2018.



DEPARTMENT OF PHARMACOLOGY

1. **Kuntal Das, A Muthukumar, Swathi Mittal et al.**, Nephroprotective Potential of *Polyalthia longifolia* roots against vancomycin-induced renal toxicity in experimental animals. *Frontiers in Pharmacology*. 23 Jan. 2023: Doi-10.3389/fphar.2023.1107435.
2. **A Muthukumar, Saistha Anjum, Swati Mittal, Manjula GS, R Deepa, Dharmendra Kumar Sharma, Vindhya & Kavana GM.**, A Systemic review on the importance of herbs on bad clinical outcomes of drug induced acute renal failure. *Indian journal of natural sciences*. 2021; 12/69.
3. **Upadye Dhanasshree S, Manjula G S, Nathani Minaz.** Nicorandil Ameliorates cognitive impairment in STZ-induced Diabetic rats. *Universal Journal of Pharmacy*. 2021; 10 (05): 18-25.
4. **Roohith, Minaz N, Ramesh B, Manjula G S.** Effect of polyherbal formulations and doxorubicin DMBA induced breast cancer in rats. *Indo American journal of pharmaceutical research*. 2021; 11/02.
5. **Yogesh H.S, Mahendra B, Shivkumar Swamy.** Evaluation of neuroprotective activity of Bougainvillea glabra leaves extract on experimentally induced neurotoxicity. *RJPT*. 2020; 13 (08): 3825-3832.
6. **Janadri S, Chakraborty KP, Aruna R, Yogesh HS.**, Anti-inflammatory and immunomodulation activity of detox water in experimental animals. *Advance Pharmaceutical Journal*. 2020; 5 (5): 180-82.
7. **Nathani Minaz, Bindhushreen M, Reema Razdan, Sejali Padhi, Manjula Gujje.** Multi-Nutrient supplement ameliorates Diabetic Nephropathy in rats. *RGUHS journal of pharmaceutical Sciences*. 2019; 9(3): 30-37.
8. **Pranav N, Ganesha KR, Minaz N, Razdan R, Goswami S.** Phloroglucinol, a nutraceutical for IR-induced cardiac damage in diabetic rats. 2019: 1–7.
9. **NS Vindya, Mohamad A, Razdan R.** Allantoin attenuates deficits of behavioural and motor nerve conduction in an animal model of cisplatin-induced neurotoxicity in rats. *Animal Models and Experimental Medicine*. 2019 Jun; 2 (2): 114-20.

10. **Minaz N, Razdan R, Hammock BD, Mujwar S, Goswami SK.** Impact of diabetes on male sexual function in streptozotocin-induced diabetic rats: Protective role of soluble epoxide hydrolase inhibitor. *Biomedicine & Pharmacotherapy*. 2019 Jul 1; 115: 108897.
11. **Sai KSS, PraveenTK, Nagashree KS, Pavan KC, Naini B, Rema R.** Protective effects of pentoxifylline against oxaliplatin induced neuropathy. *Lat Am J Pharm*. 2018; 38 (1): 177-81.
12. **Minaz N, Razdan R, Hammock BD, Goswami SK.** An inhibitor of soluble epoxide hydrolase ameliorates diabetes-induced learning and memory impairment in rats. *Prostaglandins & other lipid mediators*. 2018 May 1; 136: 84-9.
13. **Bhadri N, Razdan R, Goswami SK.** Nebivolol, a β -blocker abrogates streptozotocin-induced behavioral, biochemical, and neurophysiological deficit by attenuating oxidative-nitrosative stress: a possible target for the prevention of diabetic neuropathy. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2018 Feb; 391 (2): 207-17.
14. **Khajuria DK, Zahra SF, Razdan R.** Effect of locally administered novel biodegradable chitosan based risedronate/zinc-hydroxyapatite intra-pocket dental film on alveolar bone density in rat model of periodontitis. *Journal of Biomaterials science, Polymer edition*. 2018 Jan 2; 29 (1): 74-91.
15. **Kashif S, Razdan R, Jamwal R, Goswami SK.** Allantoin alleviates male sexual dysfunction in diabetic rats through augmenting the level of testosterone. *Journal of Young Pharmacists*. 2018; 10 (1): 57.
16. **Khajuria DK, Patil ON, Karasik D, Razdan R.** Development and evaluation of novel biodegradable chitosan based metformin intra pocket dental film for the management of periodontitis and alveolar bone loss in a rat model. *Archives of oral biology*. 2018 Jan 1; 85: 120-9.
17. **Minaz N, Razdan R, Pathak L.** Repositioning of molsidomine for its efficacy in diabetes induced erectile dysfunction in rats: In silico, in vitro and in vivo approach. *Pharmacological Reports*. 2018 Apr 1; 70 (2): 309-15.



DEPARTMENT OF QUALITY ASSURANCE

1. **Mubeen G, Swetha K, Lalitha N.** Spectrophotometric determination of Cetilistat in tablets. IJRTI, 2022, 7 (10): 958-70. (3456-3315(ISSN)).
2. **Chandappa, Lalitha N, Mubeen G, Tejaswini E.** Development and Validation of RP-HPLC method for simultaneous determination of Azelnidipine and Telmisartan in tablets. WJPPS, 2022, 11(11), 565-576, 2278-4357, SJIF Impact factor-7.632
3. **Chandappa, Lalitha N, Mubeen G, Tejaswini E.** Development and Validation of UV Spectrophotometric Method for simultaneous estimation of Azelnidipine and Telmisartan in tablet dosage form utilizing Simultaneous equation and Absorption ratio method. WJPPS, 2022, 11(11), 565-576, 2278-4357, SJIF Impact factor- 7.632.
4. **Krishnasis Chakraborty, Mubeen Ghani, Ritu Kimbahune, Lalitha N, Yajnesh Pai and Preeti karwa.** Development and Validation of second derivative spectrophotometric method for estimation of Tropicamide in presence of Chlorbutol as preservative. WJPPS, 2020; (7): 1888-1895.
5. **Tejaswini E, Puranik Sangamesh B.** Analytical method development and validation of Itraconazole by instrumental methods in Bulk drug and marketed formulation. UJP, 2018, 07 (04); 7-20.
6. **Yagnesh P, Mubeen G, Ritu Vivek K, Lalitha N, Krishnasis C.** Development And Validation of RP-HPLC method for Simultaneous estimation of Hydroxy Amphetamine Hydrobromide & Tropicamide in Ophthalmic Formulation. Eur. J. Biomed & Pharm Sci, 2017, 4(1), 373-77. SJIF Impact factor 5.81



DEPARTMENT OF PHARMACY PRACTICE

1. **Ibrahim Mohammed, T. Vithya, Dr. Shankarprasad, Sivasankaran Ponnushankar.** A Comparative study on Sepsis outcomes in patients with and without statins at a Tertiary care Hospital. American Journal of Pharmacy and Health Research, 2022; 10 (10): 12-19.
2. **Rihana Begum Patnool, T. Vithya, Ashish Waghvani, Viswanathan, Sivasankaran Ponnusankar.** Streptococcal Infection: Race to multidrug resistance-A review. Journal of applied Pharmaceutical sciences. 2022; 12 (09): 001-010.
3. **Shobha Rani R.H, Faisal, Amruthesh and Fatima.** Impact of Patient Counselling on Quality of life in patients under treatment with Sublingual Immunotherapy with House Dust Mite allergen. MD Journal of Pharmaceuticals and Research. 2022; 01 (01): 127.
4. **Mohammed Tanzeel, Ghazala Anjum, Pulimi Divya Priyanka, Sai babu, T. Vithya.** Assessment of effectiveness of clinical pharmacist intervention in COPD patients. International journal of clinical pharmacokinetics and medical sciences.2021; 01(04): 128
5. **Premalatha M, Dr. Vithya T, Dr. Swapna Bhaskar, Dr. Shankar Prasad, Dr. Shobha Rani Hiremath.** A Comparative Study on DOTS and Non-DOTS in newly diagnosed Tuberculosis patients. International Journal of Pharmacy and Pharmaceutical Research.2020; 20 (5):767-782.
6. **Divya Priyanka Dr. Vithya T, Dr. Shankarprasad, Dr. Shobha Rani Hiremath.** Incidence and Assessment of Adverse drug reactions at a Tertiary care Hospital. Journal of Pharmacy practice and community medicine. 2020; 6 (1): 15-17.
7. **Farhan, Dr. T. Vithya, Dr. Manoharan.** A case report on colistin induced Myaesthesia gravis. Acta Scientific Pharmaceutical sciences, 2020; 4 (7): 13-18.
8. **Dorna K Dr. Mahvash Iram and Dr. Shankar Prasad.** Role of clinical pharmacist in educating obese and over-weight patients for better health related outcomes. International Journal of Life science and Pharma Research. 2019; 9 (4): 1-6.

9. **Hedieh V Dr.Shobha Rani Hiremath, Dr. Md Kazim Sheriff, Dr. Shobhagudi.** Assessment of effect of maternal pre-pregnancy body mass index on pregnancy outcomes. International Journal of Life science and Pharma Research. 2019; 9 (3): 26-31.
10. **Siavash SN, Dr. Shobha Rani Hiremath, Dr. Shankar Prasad.** Assessment of antimicrobial use pattern using world health organization prescribing indicators at a tertiary care hospital. A prospective observational study. Journal of Applied Pharmaceutical Sciences. 2018; 8 (6): 132-138.
11. **Shadan M, Dr. Shobha Rani Hiremath, Dr. Vithya T, Dr. Shankar Prasad, Amy bobbins, Dr. Sunita S.** Apprising risk of development of cardiovascular disease in patients with type II diabetes mellitus. Heart of India. 2018; 6 (2): 39-44
12. **Siavash, Shadan, Dr. T. Vithya, Dr. Qaiser, Dr. Shobha Rani Hiremath.** Multi drug resistant Polymicrobial bacteremia and sepsis. A Rare Case report; Asian Journal of Pharmaceutical and Clinical Research.2018; 11 (9): 5-8.
13. **Armin Eisa Zaei, Dr. Shobha Rani Hiremath, Dr. Shankar Prasad.** Comprehensive evaluation of medication errors and incidence at tertiary care hospital. International journal or pharmaceutical science and research.2018; 9 (12): 5315-19.



DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

1. **Mohammad Ali, Shahid Ud Din Wani***, Md Salahuddin, Manjula S.N., Mruthunjaya K, Tathagata Dey, Mohammed Iqbal Zargar, Jagadeesh Singh. Recent advance of herbal medicines in cancer- a molecular approach. Heliyon 2023; 9: 1-23.
2. **Kalpana D, Afroos S, Sangita B.** Synthesis, characterization, biological activities and docking studies of some novel pyrimidine derivatives. World J Pharm Pharm Sci. 2022; 11 (10): 1902-21. DOI: 10.20959/wjpps202210-23418
3. **Arora M, Rudresh H M, Kumar A.** Molecular Docking Study of Indole Moiety as an Anti-Cancer, Anti-Inflammatory, And Antitubercular Agent. J Pharm SciBioscientific Res. 2022. 11 (4): 88-93.
4. **Arora M, Rudresh H M.** A Review on Pyridazine, A Magically Active Moiety Among the Heterocyclic Compounds for Drug Designing. J Pharm SciBioscientific Res. 2022. 11 (4).
5. **Kalpana D, Monica K.** Synthesis and docking studies of oxazine derivatives as anti-inflammatory and antioxidant Agents. Der Pharma Chem.2021, 13 (3): 31-39
6. **Kalpana D , Monica K.** Synthesis, characterization, docking and biological activities of some novel Schiff's bases of pyrazoline derivatives from chalcone. Eur J Biomed & Pharm Sci.2020; 7 (10): 498-510.
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8. **Pragya Nayak, Monica Kachroo and Priti Gupta.** Synthesis of some new thiadiazolyl-thiazolidin-4-one derivatives and biological evaluation for in-vitro antioxidant and anti-inflammatory activity. EJPBS 2018; 5 (7): 593-600
9. **Pragya Nayak, Monica Kachroo, Priti Gupta and Fazlur Rahman.** Synthesis and in-vitro antioxidant, anti-inflammatory activity of thiazolyl-thiazolidin-4-one derivatives; WJPR 2018; 7 (14)

10. **Rakesh Panda, Monica Kachroo, Lokesh Pathak.** G-QSAR. Pharmacophore mapping and molecular docking studies of some pyridazinone derivatives. Indo American Journal of Pharmaceutical Research.2018; 8 (5): 1200-1210
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DEPARTMENT OF PHARMACOGNOSY

1. **Aruna Boreddy and Bhuvneshwari J.** Formulation and Evaluation of *Rosemarinus officinalis* L on Hair growth promotion in rats. Asian J. Res. in Biol and Pharma Scien. 2022; 10 (3) 124-133
2. **Salma Khanam, K.B Neha.** HPTLC Fingerprint of an Ayurvedic combination Panchavalkala, J Ayur Her Med, 2022; 8 (4): 228-285.
3. **Asadulla S, Khanam S, N Natarajan C, PE Rajasekharan, Singh P.** Pharmacological Evaluation of Anti-Fertility Activity of the List of Extract of Embelia ribes Burm F in Female Albino Mice. In Silico In Vitro Pharmacol 2022; 8 (5): 006
4. **Salma Khanam, Krishnagiri Krishnababu, Mahendra K.V. and Ayesha Perween** Extraction and evaluation of banana starch as a disintegrant in herbal tablets: a comparative study world journal of pharmacy and pharmaceutical sciences Jan 2022; 11 (1): 1372-1385
5. **Zeeshan Afsar*, Salma Khanam, MD Salahuddin and Syed Aamir.** Evaluating the disinfectant efficacy of polyherbal formulations containing the extracts of cassia fistula, ficus religiosa, millettia pinnata and wendlandia thyrsoidea. World Journal of Pharmacy and Pharmaceutical Sciences Vol 7, Issue 10, 2018. 1338-1351
6. **Afsar Z, Khanam S, Aamir S.** Formulation and Comparative Evaluation of , Polyherbal Preparations for Their Disinfectant Effects The International Journal of Therapeutics 2018; 1(1): 54-65
7. **B. Sheerin Banu, Dr. Md. Abdul Azeem and Ananda A.P.** Physical and Nutritional factors influencing the lipid production in Penicillium citrinum.2018. International Journal on Engineering Technology and Sciencs-IJETS. V(X); 2349-3976.