

Dr. Gokul Adhar Khairnar

Degree	Year	University/Board	Class
D. Pharm	2004	AIT's Institute of Pharmacy, Malegaon	First Class
B. Pharm	2007	Govt. College of Pharmacy, Karad	First Class
M. Pharm	2009	Govt. College of Pharmacy, Karad	First Class
PhD.	2022	NMU, Jalgaon	Awarded

Research Area

Combinatorial Therapeutic Regimen of Antidiabetic with Antihypertensive Drugs.

Publication

- 1) Production of antihyperglycemic and antihypertensive drug loaded sustained release nanoparticles using spray drying technique: Optimization by Plackett Burman Design. **Journal of Drying Technology (Taylor and Francis)**. Sep. 2020.
- 2) Development of nanoparticulate sustained release oral drug delivery system for the antihyperglycemic with antihypertensive drug. **Journal of Materials Technology: Advanced Performance Materials (Taylor and Francis)**. Volume 34, 2019 - Issue 14
- 3) Preparation and statistical optimization of Losartan Potassium loaded nanoparticles using Box Behnken factorial design: Microreactor precipitation. *Chemical engineering research and design (Elsevier)* 104 (2015) 98–109
- 4) A statistical study on the development of micro particulate sustained drug delivery system for Losartan potassium by 3^2 factorial design approach. *Bulletin of Faculty of Pharmacy, Cairo University (Elsevier)*
- 5) Investigation on the development of Losartan potassium sustained release microspheres by solvent evaporation methods. *Micro and Nanosystems (Bentham science)*; 2015.
- 6) Formulation and development of Nateglinide loaded ethyl cellulose sustained release microspheres by O/W solvent evaporation method. *Journal of Pharmaceutical Investigation (Springer)* (2014) 44(6):411–422
- 7) Chitosan reinforced alginate-controlled release beads of Losartan potassium: Design, formulation and in vitro evaluation. *Journal of Pharmaceutical Investigation (Springer)* (2014) 44:243–252
- 8) Development of Sustained Release Nanoparticles of Repaglinide by using Microreactor Antisolvent Precipitation Method (Book Chapter; **Elsevier publication**)
- 9) Formulation Development and Evaluation of Venlafaxine HCl Buccal Patch. *Advances In Pharmacology and Pharmacy Advances in Pharmacology and Pharmacy* 2(2): 13-17, 2014(Research Article)

- 10) Preparation and Evaluation of Sustained Release Venlafaxine HCl Microspheres. Dhaka Univ. J. Pharm. Sci. 13(1): 83-91, 2014 (Research Article)
- 11) Formulation and Development of Diltiazem Hydrochloride Sustained Release Alginate Beads by Ionotropic External Gelation Technique. Advances in Pharmacology and Pharmacy 1(3): 139-143, 2013 (Research Article)
- 12) Enhancement of Solubility with Formulation & in-vitro Evaluation of Oral Nateglinide Compacts by Liquisolid Technique. Advances in Diabetes and Metabolism 1(3): 57-64, 2013 (Research Article)
- 13) Dendrimers: Potential Tool For Enhancement Of Antifungal Activity, International Journal of PharmTech Research, Vol.2, No.1, pp 736-739, Jan-Mar 2010 (Research article)
- 14) Development Of Buccal Drug Delivery System Based On Mucoadhesive Polymers, International Journal of PharmTech Research, Vol.2, No.1, pp 719-735, Jan-Mar 2010 (Review article)

Patent application Granted

- 1) “Combinatorial Therapeutic Regimen of Antidiabetic with Antihypertensive Drugs”. Patent application No. 3783/MUM/2014. **(Patent Granted)**
- 2) “Fast Release Taste Masked Dry Powder for Oral Suspension.” Patent application No. 3782/MUM/2014 **(Patent Granted)**
- 3) Bioavailability Enhancement and Development of Taste Masked Dry Powder for Oral Suspension of Antiviral Agent. Patent No. 413003 **(Patent Granted)**

Patent applications filed:

- 1) “Fast Release Antacid Composition as Powder for Oral Suspension”. Patent Application No. 3496/MUM/2013.
- 2) “Slow release pharmaceutical composition of Cefdinir”. Patent Application No. 848/CHE/2012.

Books and Book Chapter Published

Title	Publisher	year	ISBN/ISSN No.
NIL	NIL	NIL	NIL

Professional Membership

Life time Member of Maharashtra State Pharmacy Council