

Publications:

Parikh K., Mundada P., Sawant K., Development of new, rapid and validated UV-spectrophotometric method for the estimation of Felbamate in bulk and tablets. *Indian Drugs*, 53, 2016, 47-51.

Parmar C., Parikh K., Mundada P., Bhavsar D., Sawant K., Formulation and optimization of enteric coated bilayer tablets of mesalamine by RSM: In vitro – In vivo investigation and roentgenographic study. *Journal of Drug Delivery Science and Technology*, 44, 2018, 388-398. I.F.:2.297

Parikh K., Sawant K., Comparative Study for optimization of Pharmaceutical Self Emulsifying Pre-Concentrate by Design of Experiment and Artificial Neural Network, Accepted - 2018, *AAPS PharmSciTech*. I.F.:2.666

Parikh K., Mundada P., Sawant K., Design and Optimization of Controlled Release Felbamate Tablets by D-optimal Mixture Design: In vitro-in vivo Evaluation, Under Review, *Indian Journal of Pharmaceutical Sciences*

Kamani P., Parikh K., Sawant K., Phospholipid based ultra-deformable Nanovesicular gel for transcutaneous application: QbD based optimization, Characterization and Pharmacodynamic profiling, Under Review, *Journal of Drug Delivery Science and Technology*

Parikh K., Sawant K., Solubilization of Vardenafil HCl in lipid-based formulations enhances its oral bioavailability in vivo: a comparative study using Tween - 20 and Cremophor – EL, Under Review, *Journal of Molecular Liquids*

Presentation:

Parikh K., Sawant K., “Comparative optimization of self-emulsifying drug delivery system by I-optimal Design and Artificial Neural Network”. Presented in the International Conference on Artificial Intelligence in HealthCare held at NMIMS, Shirpur, Maharashtra from December 27-28, 2016 – Secured 3rd position.

Parikh K., Mundada P., Sawant K., “Design and optimization of controlled release felbamate tablets containing HPMC by D-optimal mixture design and in-vitro in-vivo investigation”. Presented in the international conference on Global challenges in Drug discovery, development and regulatory affairs, held at Nirma University, Ahmedabad from January 21st – 23rd, 2016.

Project:

As Principal investigator in a project entitled “Development and Characterization of Sublingual tablet of Vardenafil Hydrochloride Trihydrate for treatment of Erectile Dysfunction” sanctioned from SSIP (Student startup and Innovation Policy) at Anand Pharmacy College by Govt of Gujarat.

Team Members of the project: Parikh K., Rathva Y., Sawant K.