

## NOVEL DRUG DELIVERY SYSTEMS AND REGULATORY AFFAIRS LAB

### List of Experiments

1. Preparation and Evaluation of Matrix tablets.
2. Formulation and Evaluation of Film Coated Tablets.
3. Formulation and Evaluation of Enteric Coated Tablets.
4. Preparation and Evaluation of Transdermal Drug Delivery Systems.
5. Formulation and Evaluation of Mucoadhesive Delivery Systems.
6. Evaluation of Market SR Formulations.
7. Preparation and Evaluation of Nano particles ( Minimum two drugs).
8. Preparation and Evaluation of Liposomes.
9. Preparation and Evaluation of Alginate Beads.
10. Analytical Method Validation.
11. Assignment on Product development and filling to various regulatory agencies, FDA, MCC, EMEA, TGA Etc. (Ref: [www.fda.gov](http://www.fda.gov)).

### ADDITIONAL EXPERIMENTS

12. Preparation and Evaluation of Ethylcellulose Microspheres by Emulsification-Solvent evaporation method.
13. Formulation of Diclofenac Sodium Niosomes.