WORK PLAN AND METHODOLOGY:

1. Literature survey.
2. Procurement of drugs and excipients.
3. Identification of drugs.
4. To perform preformulation study of drugs.
5. To perform compatibility studies of drug excipient mixture.
6. To improve solubility of selected poorly water soluble drug by using excipient (carriers).
7. To study effect of different polymers on drug release from drug excipient mixture.
8. To find out best drug excipient mixture which give good solubility.
9. To perform preformulation study of drug excipient mixture, polymers and other excipients.
10. To perform compatibility studies of drug excipient mixture, polymers and other excipients.
11. To prepare different batches of floating tablets.
12. To evaluate prepared formulations for physical parameters.
   - Thickness and diameter
   - Weight variation test
   - Hardness test
   - Friability test
   - Drug content uniformity
   - Swelling characteristics
   - Buoyancy studies
14. To study effect of different polymers on drug release from tablets formulations.
15. To perform stability studies as per ICH guideline