PLAN OF WORK:

1) Literature review
2) Selection of drug & chemicals for formulation.
3) Procurement of pure drug and excipients.
4) Preformulation Studies
5) Preparation of solid dispersion
6) Evaluation of Solid dispersion.
   a) Measurement of particle size.
   b) Imaging analysis (Photo image microscopy, Scanning electron microscopy analysis)
   c) Thermal analysis (Thermal gravimetry analysis, Differential scanning calorimetry analysis)
   d) X-ray diffraction analysis
   e) High performance liquid chromatography analysis
   f) In-vitro dissolution study.
7) Optimization of solid dispersion
8) In-vivo bioavailability studies of optimize solid dispersion
9) Evaluations of Powder blend.
10) Formulation of Tablet from optimized solid dispersion.
11) Evaluation of optimized Tablet
12) Stability studies on optimize batches as per ICH guidelines
13) Compilation and Analysis of data