Work Plan and Methodology:

1. Literature survey:
   Related to Drug profile, International Journals and from different formulations.

2. Characterization and Identification of the Selected Drug:
   Characterization and Identification will be carried out by official monographs given in IP

3. Preformulation Study:
   Preformulation study will be carried out for excipients and Active pharmaceutical ingredient

4. Preparation of solid dispersion formulations.
   By changing the methods and changing in the concentration of different Polymers

5. Optimization of the Formulation:
   Drug release Profile, microparticles size and shape, drug content, and stability.

6. Characterization of optimized batch
   - Physicochemical parameters
   - Drug and excipients interaction study by DSC/FTIR.
   - X-ray diffraction to study crystallanity.
   - Scanning Electron Microscopy [SEM]
   - Determination of solubility
   - Determination of dissolution rate
   - In-vitro drug release study

7. Stability Study
   Accelerated Optimized batch carried out will be as per ICH Guideline