4) RESEARCH METHODOLOGY (PLAN OF WORK):
   
   A) LITERATURE REVIEW
   B) SELECTION OF SUITABLE DRUGS
   C) IDENTIFICATION OF SELECTED DRUGS
       Using UV spectroscopy, IR spectroscopy, NMR and XRD
   D) PREFORMULATION STUDY OF SELECTED DRUGS
       Such as Appearance, Melting point, Solubility, & moisture content.
       Particle Size Analysis by Malvern
   D) MICROMERITICS OF SELECTED DRUGS
       Bulk Density, Tapped Density, Angle of Repose, Hausner’s ratio & Carr’s Index
   E) COMPATIBILITY OF DRUGS WITH OTHER EXCIPIENT
   F) ANALYTICAL METHOD DEVELOPMENT FOR DRUG
   G) REFERENCE PRODUCT TESTING
       Study of Physical appearance
       Study of dissolution profile
   H) FORMULATION DEVELOPMENT
       1. Direct compression/ Granulation technique: Granules for development of core tablet will be prepared by using optimized technique.
       2. Drying/blending time
       3. Micromeritics of granules
       4. Compression parameters
       5. Film Coat/ Enteric Coat
   E) EVALUATION OF FINISHED DOSAGE FORM
       1. Physicochemical properties like appearance
       2. Compression parameters and also Layer sequence, layer weight ratio, and first layer tamping force
       3. Comparison with reference product (dissolution Profile)
       4. Stability study
       5. Animal Study