4.0 WORK- PLAN AND METHODOLOGY

In the present study, the objectives are expected to be derived from existing Banach Theorem by following classical mathematics theories. The steps of the research methodologies are:

1. Formulation for objective functions

2. Defining the constraints of the objective functions.

3. Following the classical techniques of mathematics to prove the points optimality

4. Exploring the mathematical approach of reaching toward the point of optimality from the feasibility states.

5. Applying these theories on the various metric spaces and differential equations and expected to derive associated corollaries and lemmas.