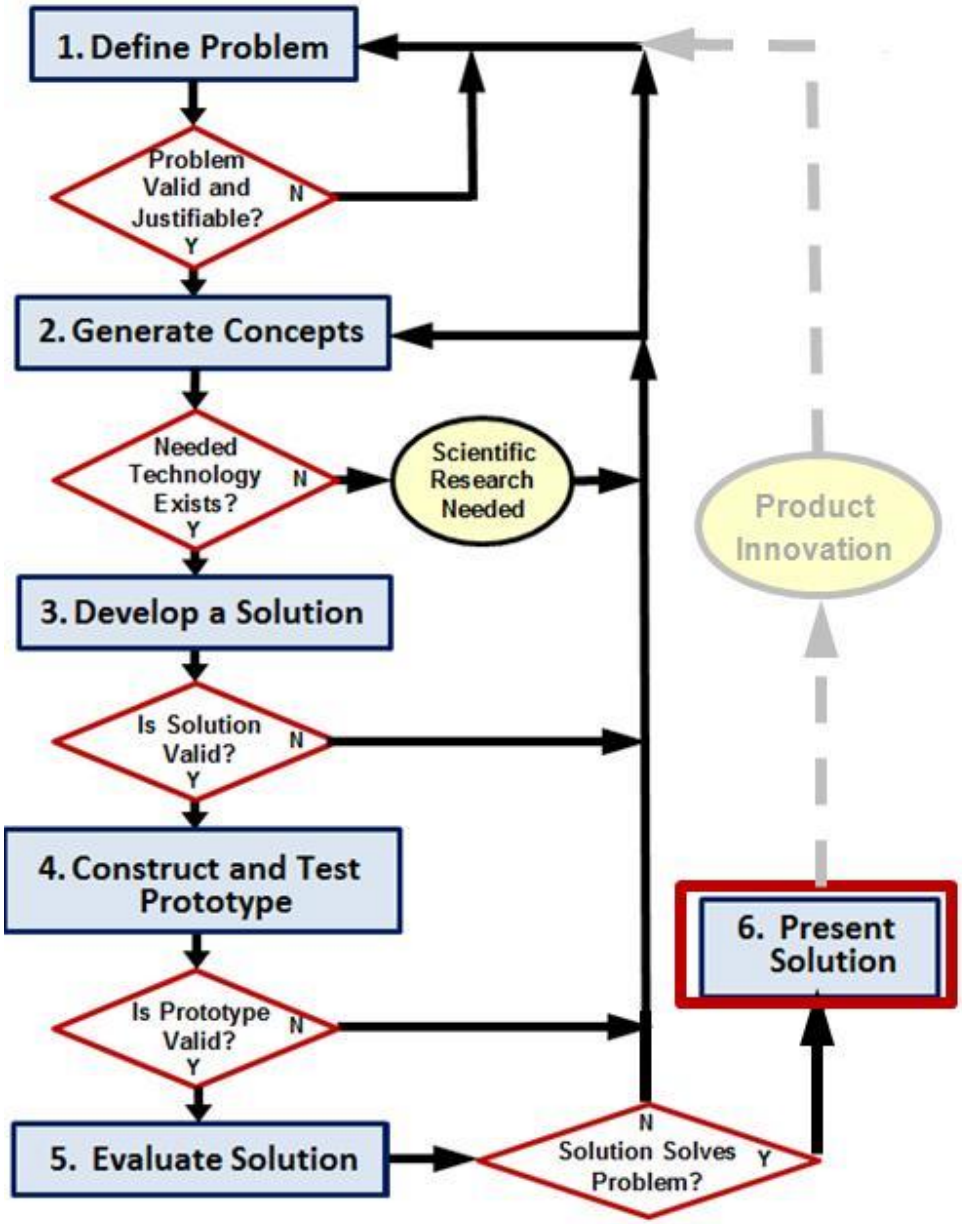
1. Define Problem
Problem Valid and Justifiable?
N
Y
2. Generate Concepts
Needed Technology Exists?
N
Y
Scientific Research Needed
Product Innovation
3. Develop a Solution
Is Solution Valid?
N
Y
4. Construct and Test Prototype
6. Present Solution
Is Prototype Valid?
N
Y
5. Evaluate Solution
N
Solution Solves Problem?
Y