

Optimization Techniques

Assignment 1

Name:

Roll Number:

ICT Sem VI

Project Name:

Project Undertaken in the year _____

Domain of Project: _____ (Can be IoT/Embedded/Digital Electronics, etc.)

Beneficiary Society:

Step 1: Observe the problem Environment

Inspiration for the project

Literature survey

Introduction of the project, etc.

[Note: Expecting **NO STORY WRITING** in this section. Write in the formal manner]

Step 2: Analyse and Define the Problem

Analyses of the worthiness for the project

Discussing with stakeholders

Finalizing the problem definition with all the submodules, etc.

Step 3: Develop a Model

Specify the requirement of all the minutest part of the project

Designing of the Model depending on the problem definition

Configuration

Ideal and practical design

Interactive model

Step 4: Select appropriate data inputs

Deciding the data inputs

Automatic/Automated/User-defined

Sample datasets to test the system

Step 5: Provide the solution and test its reasonability

Collect the data inputs from user and test the system

Redesign it to make it proper

[Step 3,4,5 all goes in hand. It is recurring process until you get a best solution/appropriate suitable desired solution. So, you can club it and write about all the tests that you have done and the failures you have encountered. Also, the process you did to solve your failures. And continuing the same].

Step 6: Implement the solution

Giving the perfect desired model as a solution as a best fit to the problem definition

Applications

Uses

Pros

Drawbacks of the system

Appendix [Beyond page 3]

All the supportive images for your document/Report, if any. You can give the reference to your images in the content.