GUIDELINES FOR MINI PROJECT WORK

SYNOPSIS OF PROJECT

Synopsis, preferably, should be of about 3-4 pages.
The content should be as brief as is sufficient enough to explain the objective and implementation of the project that the candidate is going to take up. The write up must adhere to the guidelines and should include the following (not necessarily in order as given below):

Name / Title of the Project

Statement about the Problem

Why is the particular topic chosen?

Objective and scope of the project

Methodology (including a summary of the project)

Hardware & Software to be used

Testing Technologies used

What contribution would the project make?

Guide Details.

Objective and Scope
This should give a clear picture of the project. Objective should be clearly specified. What the project ends up to and in what way this is going to help the end user has been mentioned.

Process Description
The process of the whole software system proposed, to be developed, should be mentioned in brief. This may be supported by DFD's / Flowcharts to explain the flow of the information.

Resources and Limitations
The requirement of the resources for designing and developing the proposed system must be given. the resources might be in form of the hardware / software or the data from the industry. The limitations of the proposed system in respect of a larger and comprehensive system must be given.

Submission of the Project Report
The student will submit his / her project report in the prescribed format. The Project Report should include:

- ❖ Original copy of the approved Synopsis

- ❖ One hard Copy of the Project Report

- ❖ Soft copy of Project on Floppy / CD

- ❖ The Project Report may be about 50 pages (excluding coding).

Format of the Student Project Report on Completion of the Project.

1. Cover Page

2. Acknowledgement.

3. Certificate of the project guide

4. Synopsis of the Project

5. Main Report

   - Objective & Scope of the Project.

   - Theoretical Background

   - Definition of Problem

   - System Analysis & Design vis-a-vis User Requirements

   - System Planning (PERT Chart)

   - Methodology adopted, System Implementation & Details of Hardware & Software used.

   - System Maintenance & Evaluation

   - Cost and benefits Analysis.

   - Detailed Life Cycle of the Project

   - ERD, DFD

   - Input and Output Screen Design

   - Process involved

   - Methodology used for testing

   - Test Report, Printout of the Report, Printout of the Code Sheet.

   - User / Operational Manual

   - including security aspects, access rights, back up, controls, etc

6. Annexure:

   1. Brief background of the organization where the student has developed the project.

   2. Data Dictionary.

   3. List of abbreviations, Figures, Tables.

   4.References -- Bibliography -- Website

   5. Soft copy of the project on CD/ DVD