Description:

The project report **should** contain the following:

(i) **Original copy of the Approved Proforma and Project Proposal**.

1. **Bio-data of the guide with her/his signature and date.**
2. **Certificate of Originality**
3. **Project documentation.**
4. **A CD consisting of the executable file(s) of the complete project** should be attached on the last page of the project report. In no case, it should be sent separately. The student needs to retain the identical copy of the CD that should be carried while appearing for the viva-voce along with the project report.

\*\* The **project documentation** may be about 100 to 125 pages (excluding coding).

**.** The project documentationshould include the topics given below:

* Table of Contents/Index with page numbering
* Introduction/Objectives
* System Analysis
* Identification of Need
* Preliminary Investigation
* Feasibility Study
* Project Planning
* Project Scheduling (PERT Chart and Gantt Chart both)
* Software requirement specifications (SRS)
* Software Engineering Paradigm applied
* Data models (like DFD), Control Flow diagrams, State Diagrams/Sequence diagrams, Entity Relationship Model, Class Diagrams/CRC Models/Collaboration Diagrams/Use-case Diagrams/Activity Diagrams depending upon your project requirements
* System Design
* Modularisation details
* Data integrity and constraints
* Database design, Procedural Design/Object Oriented Design
* User Interface Design
* Test Cases (Unit Test Cases and System Test Cases)
* Coding
* Complete Project Coding
* Comments and Description of Coding segments
* Standardization of the coding

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* Code Efficiency
* Error handling
* Parameters calling/passing
* Validation checks
* Testing
* Testing techniques and Testing strategies used
* Testing Plan used
* Test reports for Unit Test Cases and System Test Cases
* Debugging and Code improvement
* System Security measures (Implementation of security for the project developed)
* Database/data security
* Creation of User profiles and access rights
* Cost Estimation of the Project along with Cost Estimation Model
* Reports (sample layouts should be placed)
* Future scope and further enhancement of the Project
* Bibliography
* Appendices (if any)
* Glossary.