BSc IN INFORMATION TECHNOLOGY
(BSc-IT)

PROJECT GUIDELINES

Gauhati University
Institute of Distance and Open Learning
Gopinath Bordoloi Nagar
Guwahati- 14, Assam

CONTENTS

I. TIME SCHEDULE FOR THE PROJECT

Sl. No.	Topic	Date
1.	Submission of the synopsis of the Project at the Study Centre	upto 10th April.
2.	Submission of the project report and the soft copy of the designed Project at the Study Centre.	upto 30th June
3.	Viva-voce to be conducted	In the month of August

II. PROJECT PROPOSAL (SYNOPSIS)

The project proposal or the synopsis is the frame work for carrying out the project. It should be prepared in consultation with Guide. The necessary parts of a project proposal are given in the following form:

- ❖ Title of the Project.
- ❖ Introduction and Objectives of the Project.
- ❖ Project Category (RDBMS/OOPS/Networking/E-learning etc.).
- ❖ Tools / Platform, Hardware and Software Requirement specifications.
- ❖ Analysis (DFDs, ER Diagrams/ Database Design etc. as per the project requirements).
- ❖ Whether the project is done for any Industry/Client? The Name and Address of the Industry or Client is to be mentioned.

❖ Future scope and further enhancement of the project. Also mention limitation of the project.

III. PROJECT REPORT PREPARATION

1. A Project Report should include the following items:

❖ Introduction
❖ Objectives
❖ Tools/Environment Used
❖ Analysis Document (This should include SRS i.e., Software Requirement Specification in proper structure based on Software Engineering concepts, E-R diagrams/Class diagrams/any related diagrams (if the former are not applicable), Data flow diagrams/other similar diagrams (if the former is not applicable), Data dictionary)
❖ Design Document (Modularization details, Data integrity & constraints including database design, Procedural design, and User interface design).
❖ Input and Output Screens.
❖ Limitations of the Project
❖ Future Application of the Project
❖ Bibliography

Students need not to attach the code in their project reports. The project report should be hard/spiral bound; should consist of a contents page; all pages of report should be numbered; content should be well organized in a meaningful manner; paragraph alignment should be maintained, printouts of text & screen layouts should be original and should not be xeroxed). **In the scheduling Viva-voce date, students have to submit the softcopy (two copies) of the project separately.**

2. Certificate of Originality from the Supervisor.

3. The Project Report may be about 50 to 80 double spaced A-4 size typed pages (excluding program code).

IV. CERTIFICATE OF ORIGINALITY FROM THE SUPERVISOR

This is to certify that the project report entitled..

…………………………………………………………………………………………..

submitted to **Institute of Distance and Open Learning (IDOL),Gauhati University**
in partial fulfilment of the requirement for the award of the degree of **BSc IN
INFORMATION TECHNOLOGY (B.Sc.-IT),** is an original work carried out by Mr./
Ms. .... …………………………………………………………… Roll.
No.:..................... under the supervision of Mr./
Ms...

The matter embodied in this project is a genuine work done by the student
and has not been submitted either to this University or to any other University /
Institute for the fulfilment of the requirement of any course of study.

Signature of the student   Signature of the supervisor
Name: Name:
Address: Address:

Roll. No.:

Study
Centre's
Seal

V. PROJECT REPORT SUBMISSION

The students have to make three copies of his completed Project Report and submit one of it to the **IDOL , Gauhati University** and another one to the respective study centres (in case of other study centres). One copy of the report will be with him/her for reference.

PROJECT EVALUATION

The **Project Report** is evaluated for 10 credits.

A student will be unsuccessful if it is found some Unfair cases of copied versions of project synopsis and project reports.

RESUBMISSION OF THE PROJECT IN CASE OF FAILED STUDENTS

Student has to **resubmit** the project synopsis if he/she is unsuccessful in the project. Students are advised to select a new topic for the project and should prepare and submit the project synopsis again.

If any student cleared all the semester's papers then he/she will be eligible for giving the project reports immediately in the next semester.

A. IMPORTANT POINTS OF PROJECT REPORT

1. The Project Report should be submitted in A-4 size papers typed in double space. The Project Report should be hard bound.
2. Ensure that it contains the following:
    - ➢ Project Proposal.
    - ➢ Certificate of Originality from the Supervisor.
    - ➢ All signatures should be accompanied by the date of signature.

It should include all items mentioned in Section III.

3. **If any project report is received in the absence of the items listed above, it will be rejected and returned to students for compliance. Also, violation of Project Guidelines may lead to rejection of the Project.**
4. **Only One hard bound/spiral bound original copy** of the project report is to be submitted to **the University**. **One copy of the same Project Report is to be retained with the student and the student is supposed to carry his/her copy while appearing for viva voce.**
5. Xerox copy of the project report is not acceptable.
6. **Not more than two students will be permitted to work on the same project.**
7. If the title of the Project differs from the title mentioned in the Project Proposal, the Project Report will be rejected and will be returned back to the student.
8. In case, students require any letter from the University for doing a project in any organization, they may request the Co-ordinator of the study centre or the University for the Issuance of the same.

B. APPLICATION AREAS & RELATED TOOLS

APPLICATIONS : Financial/ Manufacturing/Computer Graphics/Instructional Design/ Database Management System/ Internet/Computer Networking-Communication Software/E-Commerce/E-learning technologies/Data mining Data warehousing/Data structure algorithms.

Related Tools:

FRONT END / GUI Tools/Languages : VB.net, C#.net, ASP.net, JSP, JAVA net beans, PHP,

RDBMS/BACK END : Oracle, MYSQL, SQL Server, PostgreSQL.

OPERATING SYSTEMS : WINDOWS XP , WINDOWS 7, UNIX, LINUX. etc.

∗ ∗ ∗