

NOTICE

Date:

Project Notice

The pre-implementation stage of the project module of the Diploma in Advanced Computing is now underway. Some guidelines regarding the Project Module are given below.

1. Project Guidelines.

- 1.1 Students should carry out the Project work in groups of 4-5 students. Each project group will be allotted one or two PC, which will be available to them exclusively for at least 4 hours every day.
 - 1.2 Students should submit their choice of project in the sheet, which is available with the librarian. Each project proposal will be evaluated for feasibility before the project is finally allotted to students.
 - 1.3 PC and resource allocation for each project will be done only after the Project Planning Document is submitted.
 - 1.4 Students are encouraged to take up original projects of their own design. Students may also take up projects from outside companies/organizations.
 - 1.5 Students should note that all projects should be executed using the resources available at ACTS. No additional resources will be provided for the projects.
 - 1.6 Projects from outside sources may be taken up only after approval from ACTS. Such projects must be done using hardware and software resources available at ACTS. No additional resources will be provided. If any additional/different resources are required, students may do the project work at an outside location. However, the project must be demonstrated at ACTS at the time of evaluation. It will be solely the students' responsibility to arrange for the demonstration of the project.
 - 1.7 All schedules given on the following page must be strictly followed.
- All documentation relating to the project should be written in MS Word and should be saved in the students' respective logins, in subdirectories named as PROJECT.
- Make 2 printed copies of your final and approved project documentation. The project documentation should have signatures of the center coordinator and/or course coordinator and the project guide. One copy of the project documentation should be retained with the student and the other should be submitted to the librarian.

2. Schedule.

Activities / Stages Date(s)

Announcement of the Project module
 Team Formation
 Students to submit choice of project
 Allocation of project
 Project Plan Document
 Submit Project Documentation
 (Use Software Engineering / UML Techniques)
 Project Documentation review (Group wise)
 Begin Project Implementation
 Mid Project Review
 Final Project Evaluation (Group wise)

3. Documentation.

The basic SDLC consisting of various stages are mentioned that has to be followed. Contact your coordinator for these documents.

Guidelines for SRS
 Guidelines for SPMP
 Guidelines for coding
 Guidelines for Project closure report

4. Project Selection Form – will be available from

5. Project Plan Document.

This document should contain:

- 5.1 Names of students in the Project Team.
 - 5.2 One page Synopsis of the Project, including a wish list of features
 - 5.3 Plan for the execution of the project, including division of work amongst individual members of the group.
 - 5.4 Hardware and software requirements for the Project.
 - 5.5 Reference material/books required for the project
 - 5.6 Progress Schedule for the development activity
- Templates for the project documentation will be posted on shared drive of NT server

6. Project evaluation.

The Evaluation of the Projects will be done on the following points:

- 6.1 Level of difficulty of the project
- 6.2 Requirement elicitation and analysis
- 6.3 Use of Quality Assurance practices
- 6.4 Design document
- 6.5 Adherence to Software engineering principles
- 6.6 Test plan and software metrics
- 6.7 Aesthetic qualities
- 6.8 Conformance to project plan
- 6.9 Reusability
- 6.10 Project Evaluation will be done in the following manner:
 - 1) Project Demo with presentation (in group)
 - 2) Viva-voce of individual group member (every member should be aware of all stages of Project development)

Course Coordinator

Signature:

Valid upto: