Internship (CSC-452)
Tribhuvan University
Soch College of Information Technology
Bachelor of Science in Computer Science and Information Technology

Course Title: Internship
Course no.: CSC-452 ----------- Full Marks: 200
Credit hours: 6 ---------- Pass Marks: 80
Nature of Course: Project
Course Synopsis
The students are required to complete a six credit (minimum ten weeks/180 hour long) internship as a part of the course requirement. Industry is a crucial requirement of the Internship course and this will have to be secured before getting started with the course. The work that the students perform during the Internship will have to be supervised by the faculty members as well as by representatives from the participating Industries. The internship experience is expected to enable the students to assist in the resolution of complex problem associated with Database Systems.
At the end of the Internship, the student(s) are required to write a report on their internship work. Such a report needs to be structured according to the prescribed format. The Report forms a major aspect of the evaluation of the Internship work.
Goal Main goal is to assist students in focusing their interests, thus aiding in their professional carrier. It gives students the opportunity to re-examine their carrier objectives and explore the variety of opportunities in the field of computer networking.

Preparation
Students, the advisors, and the industry/organization, with which the student team is affiliated, will have to agree on a problem that needs to be addressed during the internship. An internship is designed by the advisor and the student according to mutual interests, needs and availability of related industry /organization. To develop a rewarding program , at the beginning of the internship , the advisor and student are asked to establish an internship plan , in the form of written objectives and goals , and to develop a strategy for a attaining those goals. The plan may include a schedule of activities that need to be carried out in order to reach a solution for the problem being addressed. The internship plan is not intended to be rigid. Advisor may be unable to assess certain responsibilities until the student demonstrates his/her ability. The plan should be flexible and subject to revision. The advisor and student should assess the student's progress throughout the term of the internship both to evaluate the student's performance, and to establish new directions as needed.

Role of the Advisor
Advisors are expected to share their experience, insight, and enthusiasm with the student throughout the internship. They should continually monitor the progress of the student, assessing written and oral communications and guiding the development of the student's technical and

managerial skills, effectiveness and presentation of self. Advisors are expected to submit a post-internship evaluation of the student's accomplishments and abilities and of the internship program in general.

Role of the Student

In order for the internship to be a mutually beneficial experience, a student should begin with a definition of his/her objectives and specific interests for the minimum of 10-weeks/180 hour period to ensure that appropriate activities and projects are selected by the advisor and the student. The student will be responsible for the timely completion and professional quality of all activities and projects assigned. The student is expected to speak frequently with the advisor on his/her progress and interest in other projects, as well as to discuss observations and questions about meetings, projects and other activities with which he/she is involved. The student is required to submit to Advisor, within the first two weeks of the internship, a brief plan for the internship.

Internship Group Size and document preparation

Each group must be of maximum 4 students
Each student should prepare Individual document on the basis of his/her part in the group project.
Supervisors must be assigned to each group.

Domain/Scope of Internship (Project Implementation/Research)
· Bank
· Hospitals
· Software Companies
· NTC, Ncell and other Telecommunication Sectors
· Government Organization (IT Related) etc.

Report Format

APA Format

Tentative Contents of Report

· Abstract
· Introduction (organization + Work Done)
· Statement of the problem and Objective
· Literature Review and methodology (Optional)
· System Analysis
· System Design

- Implementation
- System Testing
- Limitation/future enhancement
- Conclusion
- Reference and Bibliography