

# PROJECT PROPOSAL GUIDELINES

## Project Work Timing / Schedules

Activities	Deadline	Dates
Proposal defense	Within the month of the semester	
Mid Term defense	Three weeks from the proposal defense	
Final defense	One months from the mid-term defense	

## Project Documents

There are four types of a Project documents to be submitted on different occasions. The documents are as follows: -

1. Project proposal
2. Mid-term progress
3. Final draft
4. Bound Project

## Project Proposal

The Project proposal should contain the following sections (not exceeding 8-10 pages): -

- Title page
- Acceptance Letter
- Abstract (with keywords) – 1 page
- Problem Statement
- Research /Project Objectives
- Significance of the study
- Methodology
- Literature Study/Review (present if any)
- Deliverables
- Time Schedule/Gantt Chart
- Bibliography / References

## Mid-term Progress Report

The mid-term report should be built on the proposal document with adding sections of your work. The sections of your work will depend on the nature and subject of your Project. You may have an Appendix section at the end of the document if you decide to include documents (like source codes of program, installation and operation procedure of the experiment, or details of results or anything that is related to your Project work. For example, a Project that works both with theoretical model and experiment will have the following additional section after the Literature Review in the report: -

- Conceptual model / Mathematical model
- Model verification / Experimentation
- Observations / Results
- Data Analysis and reporting etc.

You can introduce a new section called Acknowledgement before the Abstract section.

## **Final Draft Document**

The final document is prepared by completing the section of your work detail and adding some more sections like – conclusion and further works but removing the section Deliverables. The final draft document should contain the following sections: -

### **Chapter 1: Introduction**

- Problem Statement
- Objectives and Scope
- Project Features
- Requirement Analysis and Feasibility
- System Requirement – Hardware and Software Platforms

### **Chapter 2: Literature Review (Use IEEE Citation and Referencing guidelines)**

### **Chapter 3: System Development**

- Project Management Strategy and Tools
- System Analysis
- System Design (Algorithm, Flowchart, Context Diagram, DFD upto Level 2 for major processes, ER Diagram, Use Case Diagrams, Class Diagrams, System Sequence Diagram) – [explain every diagram used]
- Project Schedule (GANTT Chart, Time Schedule)
- System Testing
- Implementation

### **Chapter 4: Result Analysis**

- Results with relevant screen shots and explanation
  - a. function prototype of the screen shot
  - b. screen shot with proper labelling
  - c. explanation of the screen shot
- Critical Analysis
- Application Areas of the project
- Limitations and Future Enhancements
- Conclusion

### **Chapter 5: Bibliography (Optional)**

### **Chapter 6: References**

### **Chapter 7: Appendix (If Any)**

**Note: Every Diagram used in the document has to have a finite statements of explanation.**

## **Bound Project Document**

When your Project is approved in the final defense, you should get it bound with Approval Certificate. The format and the official letter pad for these official pages can be obtained from the college. The bound copy of the Project document should also have the title of the Project the students name and the year of approval on the side pane.

# **ST. XAVIER'S COLLEGE**

**Affiliated to Tribhuvan University**

**Maitighar, Kathmandu**



## **MINI PROJECT PROPOSAL ON DATA COMPRESSION [COURSE CODE]**

For the partial fulfillment of the requirement for the degree of Bachelor of Science in Computer Science  
and Information Technology awarded by Tribhuvan University

**Under the supervision of**

**“Supervisor Name”**

**“Designation”**

**Submitted by**

**Full Name (T.U. Exam Roll No. 494/066)**

**Full Name (T.U.Exam Roll No. 506/066)**

**Submitted to**

**ST. XAVIER'S COLLEGE**

**Department of Computer Science**

**Maitighar, Kathmandu, Nepal**

**April \_\_\_\_, 2016**



## ST. XAVIER'S COLLEGE

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माईतीघर, काठमाडौं, नेपाल

पो.ब.नं. : ७४३७

फोन : ४२२१३६५, ४२४४६३६

ईमेल : ktm@sxc.edu.np



## CERTIFICATE OF APPROVAL

The undersigned certify that they have read and recommended to the Department of Computer Science for acceptance, a project proposal entitled “.....” submitted by ..... (students name **in bold**) For the partial fulfillment of the requirement for the degree of Bachelor of Science in Computer Science and Information Technology awarded by Tribhuvan University.

.....

Supervisor Name

Supervisor /Lecturer

St. Xavier's College

.....

Vishnu Kumar Rana

Head of the Department

Department of Computer Science

St. Xavier's College