

Course Co-Ordinator  
Dept. of Computer Science  
Faculty of Natural Sciences  
The Open University of Sri Lanka

October 19, 2020

Dear Student,

**CSU5320: Project in Computer Science**

It is a pleasure to inform you that the above course will be offered in the academic year 2020/2021.

This course will be of 03 credits and the project work will be subject(s) specific. That is, if you are interested in a particular subject(s) in Level 3, 4 and/or Level 5 you may do a project based on that area(s) supervised by an academic staff member(s). This work need not be a research project.

The following is the criteria to be eligible to offer CSU5320: Project in Computer Science:

- Pass in ALL Level 03 & 04 Computer Science courses. That is;

**S1 Structure:** CSU4300, CSU4301, CSU4302, CSU4303

**NS1 Structure:** CPU2140/CSU4302, CPU2241/CSU4315, CPU2242/CSU4616

- Eligibility or Concurrent Registration for CSU5300.
- Eligibility or Concurrent Registration for Level 05 courses relevant to the project.  
(Course selection should be done in consultation with the prospective supervisor(s))

**Note:** Please refer page 41 of the Undergraduate Guide Book 2019/2020 BSc Degree Programme - S1 Structure.

It should also be noted that only a limited number of students will be registered having evaluated the proposals submitted. The selection of students will be totally at the decision of the department of Computer Science.

If interested in offering this course, you are required to submit your proposal written according to the attached “**Project Proposal Guidelines**” to the office of the Head/Computer Science (3<sup>rd</sup> Floor: Science & Technology Building) on or before **30<sup>th</sup> November 2020** in order to facilitate the re-registration process.

Thank You.

Course Co-Ordinator  
(Dr. Renuka, Tel : 0718258172, Email: mjper@ou.ac.lk)  
Dept. Of Computer Science

## Project Proposal Guidelines

The aim of doing a project is applying appropriate principles to solve a problem. It is important to evaluate whether the problem you are addressing is sufficient for a good project. In order to demonstrate about the problem and the proposing solution, you must write a Project Proposal which may include a maximum of 03 pages. The project proposal should cover the following aspects.

### ***Title:***

Every Project must have a title. A project title is expected to be as specific as possible. Note that during the project work, the project title can be changed slightly. Such a change should be done only in consultation with your supervisor(s).

### ***Introduction:***

Write a short description about the entire project proposal. This can be done by writing one or two sentences about each section of the report.

### ***Aim:***

There should be one and only one specific aim for the project. The title of the project should have a clear connection to the aim.

### ***Objectives:***

During your attempt to reach the aim, there may be several intermediate achievements or targets. These are called as objectives. Note that, objectives of a project are very important. There are no projects without objectives. The achievement of objectives is the success of a project.

### ***Background and Motivation:***

Since projects are generally difficult to proceed with, it has been customary to see whether the student has a strong motivation towards the project. After reading this section the reader should be able to clearly identify the facts that motivated the student to select the proposed topic and it should be indicated that the selected problem has not been addressed so far.

### ***Problem:***

Once you describe the background and your motivation, the next is to brief the problem you are addressing.

### ***Methodology adapted: (to solve the problem):***

In this section you should write the methodology or technique that you are going to use for solving the problem. You may also explain why this approach is better than other approaches.

### ***Proposed Approach:***

In this section, it is expected to provide a description of inputs for your system, users of the system, intended output and the essential functionalities of the system. You may use any form of diagram(s) (formal/informal) for this purpose.

### ***Resource requirements:***

List the hardware, software, and other requirements to carry out your project work. Describe how you plan to gather those resources.

### ***Time Schedule:***

It is better to provide a rough outline of how you plan to devote time for various activities of the project. Provide a Gantt Chart (See Page 3).

## A General Format for a Project Proposal

### Cover Page

Font Type: Times New Roman

<b><u>Project title</u></b>	←	20pt
Course Name	←	18pt
Course Code	←	16pt
Name of the department	←	14pt
Your name Registration number Telephone No Email Submission Date	←	12pt

### Formatting Guidelines

- Font Type: Times New Roman
- Font sizes: Headings = 14pt, Subheadings = 13pt, Paragraph= 12pt
- Margins: Left, Right, Bottom, top = 1.0"
- Page Numbering: Example. Page no/no of Pages (2/3)
- Figures, graphs and tables naming  
Example. Figure 1: Gantt Chart  
Table 1: Table One  
Graph 1: Graph One
- Line Spacing: 1.5

### Gantt Chart ( Example (Depends on the Project)

Task Name		2020			2021					
		Oct	Nov	Dec	Jan	Feb	Mar	Apr		
1	Proposal Writing online workshop									
2	Project Proposal Submission									
3	Project Proposal Evaluation									
4	Notify the selection									
5	Requirement Gathering, Literature Survey Progress Report submission									
6	Chapter 1- Introduction,Background of the problem, Draft report Submission									
7	Draft report of chapter 2,Lierature Review- Progress Report submission									
8	Draft report of chapter 3,Research Methodology,Progress Report submission									
9	Data Collection, Project Implementation									
10	Draft report of chapter 4 ,(Data Analysis or Implementaion and evaluation )									
11	Draft report of chapter 5,Conclusion and Recommendation,Progress Report submission									
12	Final submission and Viva									

Figure 1: Gantt chart