

Faculty of Applied Sciences

Rajarata University of Sri Lanka

**Research Proposal**

of

**Individual Research Project – ICT 4609**

for the degree of

**B.Sc. (Honours) in Information Technology**

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**Details of the Research Project**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Research Title** | | : |  | | |
|  | |  |  | | |
| **Details of the student** | | | | | |
|  | Name | | | : |  |
|  | Registration ID | | | : |  |
|  | Index No. | | | : |  |
|  | Degree Program | | | : |  |
|  | Subject Combination | | | : |  |
|  | Department / Unit | | | : |  |
| **Details of Supervisor(s)** | | | | | |
|  | Name | | | : |  |
|  | Department / Unit | | | : |  |
|  | Institute | | | : |  |
|  | Contact Details | | | : |  |

**Guideline to fill the research proposal document**

1. Research proposal should be prepared using a word processor, clear and coherent.
2. The content of each section in research proposal should be in detail and make the focal points stand out.
3. A student can have more than one supervisor. In such case, the details of all the supervisors should be included on the proposal document (the student may copy the same structure given in the details page).
4. The student can attach additional pages for section 1 and 2.
5. The student must follow the IEEE format to make the reference list.
6. This document should be printed on both sides of A4 papers (do not print with colors).

**Submission Guidelines for research proposal document**

1. The student must submit a soft copy of finalized research proposal document to the university LMS, as a word processor document (.doc or .docx) before the research proposal defense date.
2. Meanwhile, a hard copy of the proposal document which is recommended and approved by the supervisor(s) (with signature(s)), must be submitted to the department before the research proposal defense date.
3. The student must submit the second version of Research proposal document to the university LMS, with the feedbacks and comments of proposal defense panel as an electronic book version (.pdf). In this case, recommendation and approval page of supervisor(s) and comments/ approval page of proposal defense panel could be scanned and attached after the 2nd section of the proposal document in order to make the final document in electronic book version (.pdf).

# Introduction

## Title of the research project

## Purpose and significance of the research study

## Analysis of existing works of the study area, including their development and existing problems

## Research problem(s) / question(s)

## Aims and objectives

## Research methodology, techniques and tools to be adopted

## Expected research results and/or innovations

## Research schedule / Work Plan

# Report of critical review of literatures: *(The student must refer and cite at least 10 related references. Show the list of references at the end of this section)*

## References *(please follow the IEEE referencing style)*

# Recommendation of supervisor(s) on the research problem and research proposal *(This section should be filled by the supervisor(s). Supervisor(s) may consider the adequacy and scope of the research problem, quality and adequacy of the reviewed literature, methodology proposed, and the schedule).*

**Comments (if any):**

**I certify that, the student engaged continuously with me in developing the proposal and, I am confident that he is adequately competent to defend this proposal.**

**Signature(s) of Supervisor(s):**

**Date:**

# Research proposal defense assessment team *(this section should be filled by the department)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Date of research proposal defense:** | |  | |
|  | | | |
| **Panel members** | **Name** | | **Department / Institute** |
| **Chair** |  | |  |
| **Member** |  | |  |
| **Member** |  | |  |
| **Member** |  | |  |
| **Member** |  | |  |

# Comments of the assessment team on the research proposal *(This should be filled by the chair of the assessment panel. In case of revision or fail, needed revision in the proposal or reasons to fail the proposal should be mentioned here)*

|  |  |
| --- | --- |
| **Result of the research proposal** | **Excellent / Good / Pass with revisions / Fail** |
| **Score** |  |
| **Signature of the panel chair** |  |
| **Date** |  |