Jomo Kenyatta University of Agriculture and Technology
Department of Telecommunication and Information Engineering

1) **Way forward after the presentation of concept paper and supervisor allocation**

1.1 If you do not have a project or your concept was rejected, work with the allocated supervisor and register your new title with the project coordinator within a week.

1.2 If your project concept was accepted, you are required a write a full project proposal document with the guidance of the allocated supervisor.

1.3 On the 10th week or thereabouts of the **1st semester**, you will be required to present to the department board of examiners a proposal document (2 **printed** copies signed by yourself and your supervisor) and defend your proposal during 10-15 minutes. Your supervisor and an examiner will award you marks for both the report and presentation.

1.4 On the 10th week or thereabouts of the **2nd semester**, you will defend your project within 10-15 minutes to the department board of examiners, provide a final project report (**2 printed** copies signed by yourself and your supervisor and a **softcopy**) and make physical demonstration of the project. You will be awarded marks for the three by your supervisor and an examiner. It is mandatory to pass the demonstration part for one to pass the project unit.

1.5 Please note that you are expected to have original work, clearly showing your contribution, at the time of defending your proposal and final project. Plagiarism will be checked.

2) **Structure of project report**

A project report (proposal or final) generally consists of the following sections in the order they are listed:

2.1 **Preliminaries**

i) **Title page (cover page)**

It contains the following:

a) Project title, name of candidate(s) and supervisor

b) Statement at the bottom of page – A project report submitted to the Department of Telecommunication and Information Engineering in partial fulfillment of the

requirements for the award of degree of Bachelor of Science in Telecommunication and Information Engineering in the Jomo Kenyatta University of Agriculture and Technology.

c) Date – Date of submission of the report centered at the bottom of the page

NB: The cover page is not numbered

ii) **Declaration of authorship**

a) To appear on the second page and reads: "This project report is my original work and has not been presented for a degree in any other University", followed by signature, date, name of candidate and registration number.

b) Supervisor's approval – Comes after declaration and reads: "This project report has been submitted for examination with my approval/knowledge as university supervisor", followed by signature, date and name of supervisor.

iii) **Acknowledgements**

iv) **Abstract**

The abstract provides an overview of the purpose and focus of the project report—the problem, research issues and questions—and a presentation of arguments, methods or procedures used. It should summarize the evidence, results or findings. Typically, it should not exceed 550 words and should not have formulas or symbols.

v) **Table of contents**

vi) **List of abbreviations**

vii) **List of figures**

viii) **List of tables**

NB: Preliminary pages are numbered in roman numerals.

2.2 **Introduction**

In this chapter, give background information. What is the issue or problem? What are the main and specific objectives of the study?

2.3 **Literature Review**

In this chapter, discuss the current thinking, findings, and approaches on the problem/issue. How does the literature motivate your research issues? What is the way forward?

2.4 **Materials and Methods** (sometimes just "Proposed Methods")

Discuss in details the methods or approaches used. What system(s) have you built to solve identified problem? What materials, modules, equipment, software programming have you employed in your system(s)? How does the system operate?

2.5 (Expected) **Results and Discussion**

Simply use the title "Expected Results" in the proposal and "Results and Discussion" in the final report. In this chapter, present and discuss the results you expect (for the proposal) or you have (for the final report) from the built system. How is the system performing? Are there problems with the findings in terms of meeting the objectives presented in the introduction? Summarize the most important findings. What do your findings mean/imply? What conclusions can you draw? How do your results fit into a broader context of the subject and how do they compare with previous findings?

2.6 **Conclusion**

Indicate conclusions based on the conducted analysis. What are the implications of the findings? What are the recommendations/solutions/way forward? Mention the areas of further study.

2.7 **References**

List of cited publications; try as much as possible to have several from recent years. Use the attached IEEE Citation Guidelines.

2.8 **Appendices** (optional)