

# Project Topic

A PROJECT REPORT

submitted by

*By*

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to

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in partial fulfillment of the requirements for the award of the Degree

of

**BACHELOR OF TECHNOLOGY**

IN

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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**CERTIFICATE**

*This is to certify that the report entitled **NAME OF PROJECT** submitted by **NAME OF STUDENT, REG NO:** to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and Engineering and Technology is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose*

Project Coordinator

Internal Supervisor

Head of the Department

# Acknowledgement

I acknowledge.....

# **ABSTRACT**

The Abstract should be a one page summary of the Thesis work. It should state the research problem addressed, the methods adopted to solve the problem, the results and the conclusion in a concise manner.

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# Nomenclature

# Chapter 1

## Introduction

arabic      Write the introduction here.

## **1.1 Problem Definition**

### **1.1.1 Research Problem**

This thesis aims at ....

### **1.1.2 Sub-Problems**

Every research problem may be divided into sub-problems to make it easier to solve the research problem. The sub-problems identified are stated below.

1. Study and analyze ...
2. Compare the performance of ...
3. Implement ...

## **1.2 Hypothesis**

Include the hypothesis here.

## **1.3 Definition of terms**

1. **XXXX**. XXXX is ...
2. ...

## **1.4 Statement of Delimitation**

The study will not evaluate ...

## **1.5 Assumptions**

1. Include assumptions here
2. ...

## 1.6 Organization of Thesis

The thesis report is organized as follows. The first chapter describes...

# Chapter 2

## Literature Review

Write the literature review here.

Citations should be included as [?], or [?, ?] if there are more than one references to cite.

# Chapter 3

## Chapter heading

Write the body of the thesis. Include as many chapters as needed.

### 3.1 Sections in chapter

Logically divide the content of the chapter into sections and subsections.

#### 3.1.1 An example subsection

Within a subsection, content division may again be included as shown below.

##### 3.1.1.1 Examples of equations

A few examples of various types of equations are shown in Eq. 3.1, to Eq. 3.7.

$$A(z) = \frac{1 - B(z)}{1 - B(\frac{z}{\gamma})} \quad (3.1)$$

$$A(\frac{z}{\gamma}) = \sum_{i=1}^M \gamma^i x_i z^{-i}, 0 < \gamma < 1 \quad (3.2)$$

$$a'_n = \begin{cases} a_n b_n, & 0 \leq n \leq N-1 \\ 0, & \text{otherwise} \end{cases} \quad (3.3)$$

$$a_n = \alpha - \beta \cos \frac{2\pi n}{N-1} \quad (3.4)$$

where  $\alpha = 0.54$  and  $\beta = 1 - \alpha = 0.46$ .

$$\frac{\delta C}{\delta a_k} = 2E[(s[n] + \sum_{k=1}^M (a_k s_{n-k}))b_{n-i}] = 0 \quad (3.5)$$

$$A = \|\mathbf{x}(n) - \eta_k b_i \mathbf{C} y_j\| \quad (3.6)$$

$$a_1 = b[T^{(1)}] \quad (3.7)$$

### 3.1.1.2 Examples of figures

Figures may be included as in Fig. ???. To increase or decrease the size of the figures, adjust the ‘scale’ parameter in the code.

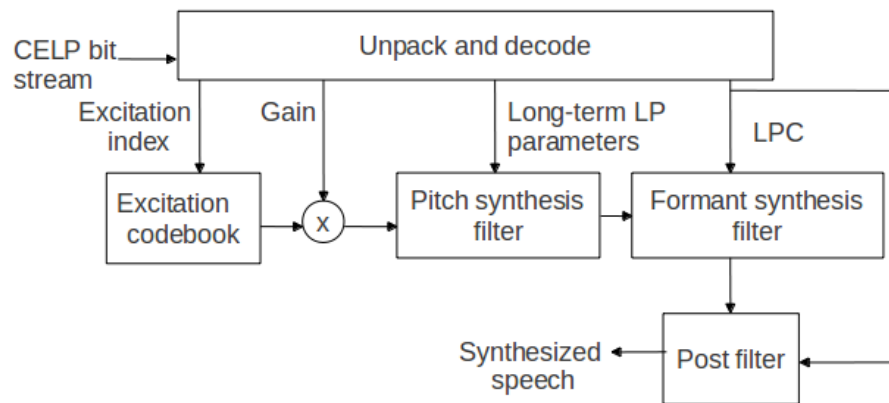


Figure 3.1: An Example Figure

If the size of the figures needs to be made uniform, use the parameters ‘width’ and ‘height’ as shown in Fig. 3.2.

### 3.1.1.3 Examples of tables

Tables may be formatted as in Table 3.1.

If vertical lines are not required, tables may be formatted as in Table 3.2.

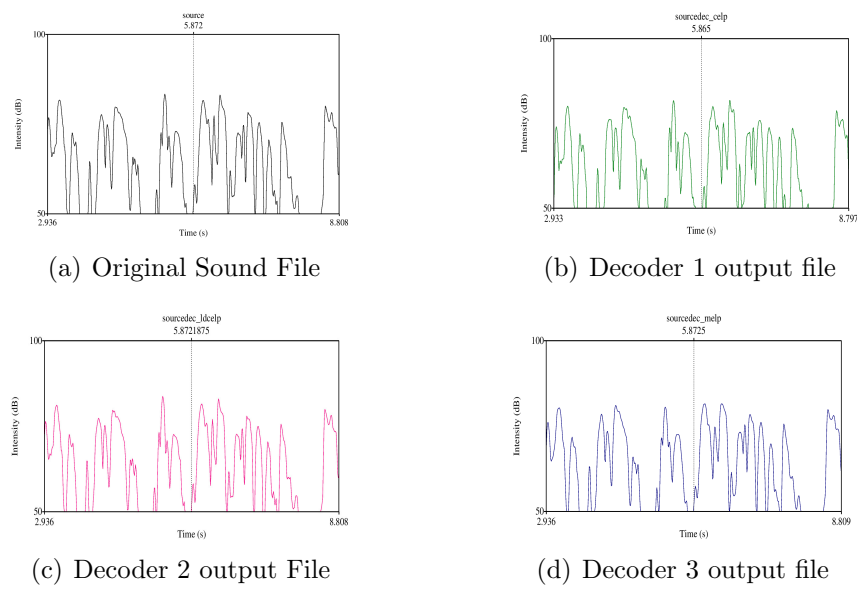


Figure 3.2: An Example showing Sub-figures

Table 3.1: An Example Table

Parameter	Algorithm 1	Algorithm 2	Algorithm 3
file1.wav	3.27	3.93	2.73
file2.wav	3.53	4.07	2
file3.wav	3.53	4.47	2.8
<b>Average Value</b>	<b>3.44</b>	<b>4.16</b>	<b>2.51</b>

Table 3.2: An Example Table

Parameter	Algorithm 1	Algorithm 2	Algorithm 3
file1.wav	3.27	3.93	2.73
file2.wav	3.53	4.07	2
file3.wav	3.53	4.47	2.8
<b>Average Value</b>	<b>3.44</b>	<b>4.16</b>	<b>2.51</b>



# Chapter 4

## Conclusion

Write the Conclusion here.

# Chapter 5

## Appendix

Include appendices here (optional)

# Chapter 6

## List of Publications

Write the list of publications here.

1. Publication 1
2. Publication 2
3. Publication 3

# REFERENCES

[1] write the references

[2] write the references