# Sample Report Title

*A Major Project Report*

*Submitted to the Rajasthan Technical University*

*in partial fulfillment of requirements for the award of degree*

### *Bachelor of Technology*

*in*

### *Electrical Engineering*

*by*

**Abrar Ahmed chhipa**

**22ETCEX001**



**DEPARTMENT OF ELECTRICAL ENGINEERING**

**TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY**

**UDAIPUR, RAJASTHAN**

**December 2021**

**CERTIFICATE**

This is to certify that the report entitled **Sample Report Title** submitted by **Abrar Ahmed chhipa** (22ETCEX001), to Department of Electrical Engineeringin partial fulfillment of the B.Tech. degree in **Electrical Engineering** is a bonafide record of the seminar work carried out by him under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

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# DECLARATION

I Abrar Ahmed chhipa hereby declare that the major project report **Sample Report Title**, submitted for partial fulfillment of the requirements for the award of degree of Bachelor of Technology of the Rajasthan Technical University, Kota, Rajasthan is a bonafide work done by me under supervision of Dr. Abrar Ahmed Chhipa

This submission represents my ideas in my own words and where ideas or words of others have been included, I have adequately and accurately cited and referenced the original sources.

I also declare that I have adhered to ethics of academic honesty and integrity and have not misrepresented or fabricated any data or idea or fact or source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the institute and/or the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been obtained. This report has not been previously formed the basis for the award of any degree, diploma or similar title of any other University.

Abrar Ahmed chhipa

Udaipur

21-12-2021

# Abstract

This document contains essential templates required to write technical reports using LaTeX. This template may be used for the preparation of B.Tech seminar reports of Rajasthan Technical University, Kota, Rajasthan. Also minimum working examples to create equations, include figure, include table, table of contents symbols list and bibliographic citation in a LaTeX document are provided.

Please note that this template is provided without warranty on an AS IS basis.

# Acknowledgement

I take this opportunity to express my deepest sense of gratitude and sincere thanks to everyone who helped me to complete this work successfully. I express my sincere thanks to **Dr. Prakash Bahrani**, Head of Department, Electrical Engineering, Techno India NJR Institute of Technology Udaipur for providing me with all the necessary facilities and support.

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Finally I thank my family, and friends who contributed to the succesful fulfilment of this project work.

**Abrar Ahmed chhipa**

# Contents

# List of Figures

# List of Tables

# List of Symbols

$\Omega$  Unit of Resistance

$\varepsilon^{'}$  Real part of dielectric constant

c  Speed of light

$\lambda$  Wavelength

$\delta$  Delta

# Chapter 1

# Introduction

Start Writing here your chapter

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

## 1.1    first order

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## 1.2 xyz

### 1.2.1 second order

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**third order**

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- first

- second

1. first

2. second

# Chapter 2

# Literature Review

Technical writing is writing or drafting technical communication used in technical and occupational fields [1], such as computer hardware and software [5], engineering, chemistry, aeronautics, robotics, finance [6], medical, consumer electronics, biotechnology, and forestry. Technical writing encompasses the largest sub-field in technical communication. See figure 2.2 that shows the autonomous systems in Internet.

## 2.1 section1

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante.
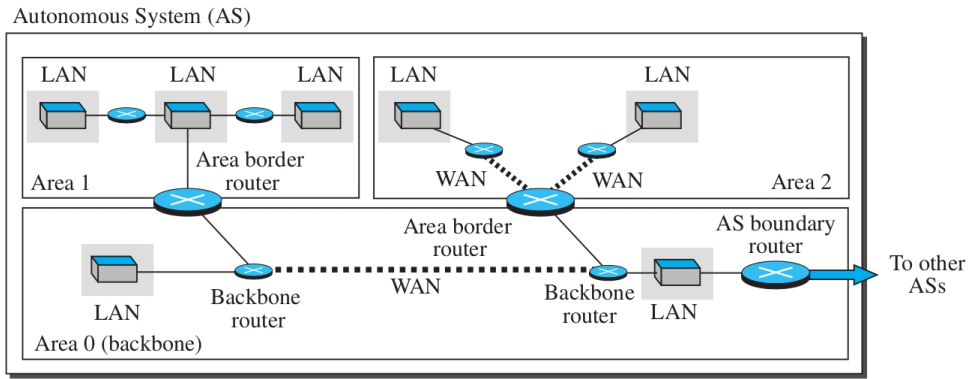


Figure 2.1: Caption

Figure 2.2: Autonomous System Hierarchy

Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

### 2.1.1 title 2

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The system is described by the equation 2.1 below. Here y is the ordinate and x is the abscissa , m is the slope and c a constant.
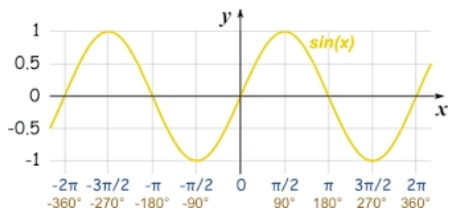
$$y = mx + c \tag{2.1}$$

Page centered and unnumbered multiple equations. The * symbol supresses equation numbering.
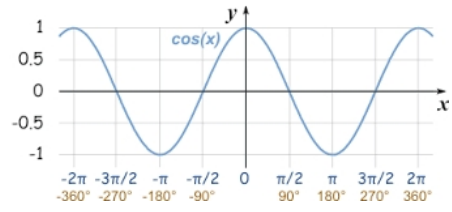
$$2x - 5y = 8$$
$$3x + 9y = -12$$

Side by side figures can be created using this environment. See fig 2.3 below.



(a) Sine Wave

(b) Cosine Wave

Figure 2.3: The Sine and Cosine waves

# Chapter 3

# Results

Suspendisse vitae elit. Aliquam arcu neque, ornare in, ullamcorper quis, commodo eu, libero. Fusce sagittis erat at erat tristique mollis. Maecenas sapien libero, molestie et, lobortis in, sodales eget, dui. Morbi ultrices rutrum lorem. Nam elementum ullamcorper leo. Morbi dui. Aliquam sagittis. Nunc placerat. Pellentesque tristique sodales est. Maecenas imperdiet lacinia velit. Cras non urna. Morbi eros pede, suscipit ac, varius vel, egestas non, eros. Praesent malesuada, diam id pretium elementum, eros sem dictum tortor, vel consectetuer odio sem sed wisi.

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Table 3.1: test table

| Sl. No | Item 1 | Itm 2 |
|--------|--------|-------|
| 1 | 37 | 45 |
| 2 | 42 | 23 |
| 3 | 47 | 1 |
| 4 | 52 | -21 |
| 5 | 57 | -43 |
| 6 | 62 | -65 |
| 7 | 67 | -87 |
| 8 | 72 | -109 |
| 9 | 77 | -131 |
| 10 | 82 | -153 |

# Chapter 4

# Conclusion

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