PROJECT TITLE IN CAPITAL LETTERS

A Project Report Submitted

in Partial Fulfilment of the Requirements

for the Degree of

BACHELOR OF TECHNOLOGY

in

Mathematics and Computing

by

Type your name

(Roll No. 100123xx)

to the

DEPARTMENT OF MATHEMATICS

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

GUWAHATI - 781039, INDIA

April 2014

CERTIFICATE

This is to certify that the work contained in this project report entitled "**Title of the project report**" submitted by **Name of the Student** (**Roll No.: 100123xx**) to Indian Institute of Technology Guwahati towards partial requirement of **Bachelor of Technology** in Mathematics and Computing has been carried out by him/her under my supervision and that it has not been submitted elsewhere for the award of any degree.

Guwahati - 781 039 (Dr. XYZ)

April 2014 Project Supervisor

ABSTRACT

The main aim of the project is .....

Contents

List of Figures

List of Tables

Chapter 1

Introduction

Introductory lines...

1.1 Section-1 Name

Some text here ...

Definition 1.1.1. Some definition...

Theorem 1.1.2. *Some theorem...*

Proof. Proof is as follows... □

Corollary 1.1.3. *A corollary to the theorem is...*

Remark 1.1.4. Some remark...

You may have to type many equations inside the text. The equation can be typed as below.

$$f(x) = \frac{x^2 - 5x + 2}{e^x - 2} = \frac{y^5 - 3}{e^x - 2} \tag{1.1}$$

This equation can be referred as (1.1) and so on ...

You may have to type a set of equations. For this you may proceed as given below.

$$\begin{aligned} f(x) &= e^{1+2(x-a)} + \dots \\ &= \log(x+a) + \sin(x+y) + \cdots \end{aligned} \tag{1.2}$$

You may have to cite the articles. You may do so as [4] and so on... Make sure that you have already created a bibliography file named 'bib.bib' and included the entry with the above name. Only then you can cite it as above. You may have run the latex command multiple times, otherwise the above entry may appear as [**?**].

1.2 Section-2 Name

Definition 1.2.1. Some definition...

Remark 1.2.2. Some remark...

1.2.1 Subsection name

Theorem 1.2.3. *Some theorem...*

Proof. Proof is as follows...

The proof has a figure.

Figure 1.1: Title of the figure appear here

The proof continues.

□

Chapter 2

The Second Chapter

Introductory lines . . .

2.1 Section-1 Name

Definition 2.1.1. Some definition. . .

Remark 2.1.2. Some remark . . .

Theorem 2.1.3. *Some theorem . . .*

Proof. Proof is as follows. . . □

2.2 Section-2 Name

Definition 2.2.1. Some definition . . .

Remark 2.2.2. Some remark . . .

2.2.1 Subsection name

Theorem 2.2.3. *Some theorem. . .*

Proof. Proof is as follows...

The proof has a different figure.

Figure 2.1: Title of another figure

The proof continues.

□

Bibliography

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[3] Brunella Gerla. Automata over MV-algebras. In *ISMVL '04: Proceedings of the 34th International Symposium on Multiple-Valued Logic*, pages 49–54, Washington, DC, USA, 2004. IEEE Computer Society.

[4] G.H. Golub and C.F. Van Loan. *Matrix Computations*. Second Edition. The John Kopkins University Press, 1989.