PROJECT TITLE IN CAPITAL LETTERS

A Project Report Submitted

in Partial Fulfilment of the Requirements

for the Degree of

MASTER OF SCIENCE

in

Mathematics and Computing

by

Type your name

(Roll No. 11XXXXXX)

to the

DEPARTMENT OF MATHEMATICS

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

GUWAHATI - 781039, INDIA

April 2XXX

CERTIFICATE

This is to certify that the work contained in this report entitled **"Project Title"** submitted by **Your Name** (**Roll No: Your roll no.**) to Department of Mathematics, Indian Institute of Technology Guwahati towards the requirement of the course **MA699 Project** has been carried out by him/her under my supervision.

Guwahati - 781 039   (Dr. XYZ)

April 2XXX   Project Supervisor

ABSTRACT

The main aim of the project ....

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 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.

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

You may have to cite the articles. You may do so as [4] and so on..... Note that you have already created the 'bib.bib' file and included the entry with the above name. Only then you can cite it as above.

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 figure will be displayed here.]

Figure 1.1: The correlation coefficient as a function of ρ

Chapter 2

Chapter-2 Name

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.... □

Bibliography

[1] K. Andrews and B. Rajiv. On some applications of eigenvalues of toeplitz matrices. *Journal of Mathematical Analysis and Applications*, 56(2):237–239, 2007.

[2] C. C. Chang. Algebraic analysis of many valued logics. *Transactions of American Mathematical Society*, 88:467–490, 1958.

[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.