

# PROJECT TITLE IN CAPITAL LETTERS

A Project Report Submitted  
for the Course

## MA498 Project I

*by*

**Type your name**

(Roll No. 140123xx)



*to the*

**DEPARTMENT OF MATHEMATICS  
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI  
GUWAHATI - 781039, INDIA**

*November 2017*

# 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.: 140123xx)** to Department of Mathematics, Indian Institute of Technology Guwahati towards the requirement of the course **MA498 Project I** has been carried out by him/her under my supervision.

Guwahati - 781 039

November 2017

(Dr. XYZ)

Project Supervisor

# ABSTRACT

The main aim of the project .....

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# 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.

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

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.

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

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.... By Definition 1.1.1

□

[The figure will be displayed here.]

Figure 1.1: The correlation coefficient as a function of  $\rho$



# 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

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