Title

A Project report for the Phase II submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

by

name

Register No: roll number

Semester: IV

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY

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BONAFIDE CERTIFICATE

This is to certify that the project report entitled **"Title"** submitted by **name** bearing the **Register No: roll number**, in completion of his project work Phase II under the guidance of **guide name** during the period of December 2019 - June 2020, is accepted for the project report submission in partial fulfillment of the requirements for the award of the degree of Master of Technology in Computer Science and Engineering in the Department of Computer Science and Engineering, National Institute of Technology Puducherry, Karaikal, during the academic year 2019-20.

guide name   **HOD name**

Project Guide   Head of the Department

Professor   Assistant Professor

Department of CSE   Department of CSE

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Project Viva-voce held on _____

Internal Examiner   **External Examiner**

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Abstract

First paragraph

Second Paragraph

Third Paragraphy

Keywords :   Keyword1, Keyword2

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Listings

Chapter 1

Introduction

Chapter Introduction

1.1 First Section

Cryptography is the study of mathematical techniques needed to provide information security services such as "confidentiality, integrity, availability and authentication" [1].

1.2 Thesis Outline

The thesis is organized as follows:

Chapter 1 provides a general introduction to the thesis.

Chapter 2 introduces the necessary background and mathematical knowledge.

Chapter 3 talks about various cryptography protocols based on lattices. Chapter 6 explains our proposed scheme.

Chapter 7 provides the experimental results of the proposed scheme and it analyses the time complexity of the scheme for various values of the parameters.

Chapter 8 concludes our work and gives the future work which can be done to improve this scheme.

Chapter 2

Background

Introduction of chapter 2.

2.1   section 1

some contents

2.1.1   subsection

some content figure reference fig : 2.1 in the page : 2.

Figure 2.1: test figure

```
1 print "hello"
```
Listing 2.1: test program

Chapter 3

Literature Review

literature review

Chapter 4

Main Chapter 1

main chapter 1

Chapter 5

Main Topic 2

main chapter 2

Chapter 6

Proposed Work

This chapter explains the proposed scheme.

6.1 First Section

algorithm 1.

Algorithm 1 Sample algorithm

Require: a, b
  1: **procedure** $\textsc{Sum}(sum)$
  2:     $sum \leftarrow a + b$
  3:     **return** pk

Chapter 7

Experimental Results

This chapter provides the experimental results of the proposed scheme.

Chapter 8

Conclusion and Future Work

In this work, a novel Scheme has been proposed and implemented. Rest of conclusion here.

Future work here.

Bibliography

[1]   Alfred J Menezes et al. *Handbook of applied cryptography.* CRC press, 1996.