**ASHISH KUMAR YADAV(LEADER)**

THE CONCEPT OF ENCRYPTION AND DECRYPTION USING FILE HANDLING IN DATABASE MANAGEMENT SYSTEM

PROJECT MARCROSS

**THE CONCEPT OF**

**ENCRYPTION AND DECRYPTION**

**WITH**

**DATABASE MANAGEMENT SYSTEM**

**Submitted by**

**ASHISH KR YADAV 16301060007**

**KALYANI KUMARI 16301060022**

**SANTOSH PAUL 16301060043**

**SANDEEP MAHTO 16301060041**

**MUKESH RAJAK 16301060029**

**COMPUTER SCIENCE AND ENGINEERING**

**GOVERMENT POLYTECHNIC DHANBAD,DHANBAD**

**JHARKHAND UNIVERSITY OF TECHNOLOGY**

**NAMKUM, RANCHI-834010**

**APRIL 2019**

GOVERNMENT POLYTECHNIC

DHANBAD

**BONAFIDE CERTIFICATE**

*This is to certify that this project “THE CONCEPT OF ENCRYPTION AND DECRYPTION WITH DATABASE MANAGEMENT SYSTEM” is the bonafide work of “****ASHISH KUMAR YADAV****(Reg NO.16301060007),* ***KALYANI KUMARI****(Reg NO.16301060022 ), SANTOSH PAUL(Reg NO.16301060043 ),SANDEEPMAHTO(Reg NO.16301060041 ),RABINDRANATH SOREN(Reg NO.163010600) ,MUKESH KUMAR RAJAK (Reg NO.163010600)” who carried out the project under my supervision.*

SIGNATURE SIGNATURE

**PRINCIPAL GUIDE**

SIGNATURE SIGNATURE

**INTERNAL EXAMINER EXTERNAL EXAMINER**

ACKNOWLEDGEMENT

*We are all thankful to our teacher that they have given us this opportunity to work on this project.*

*We are thankful to our mam “ISHRAT PARVEEN” who had encouraged us for this project and to explore views.*

*We are also thankful to our collage who had given us this platform for delivering our sight in a project manner.*

ABSTRACT

*In this project “THE CONCEPT OF ENCRYPTION AND DECRYPTION WITH DATABASE MANAGEMENT SYSTEM”, for giving the concept of encryption and decryption and how it actually works. In this project we are actually dealing with the database that is to create, manipulate, delete database but all input and output operation from the file is to be done with encryption and decryption technique. This software is not going to use any complex algorithm but for shake of simplicity this is going to use some interesting calculation with the ASCII code of each character.*

*Hope this will be easiest way for understanding the concept of encryption and decryption.*

***TABLE OF CONTENT***

TITLE

BONAFIDE

ACKNOWLEDGEMENT

ABSTRACT

CONTENT PAGE NO.

1.INTRODUCTION 1-4

-what is encryption and decryption?

-what is cipher text?

-how it actually works?

~*OVERVIEW OF THE PROJECT*

2.MODULES OF THE PROJECT 5-6

3.REQUIREMENT SPECIFICATIONS 7-8

-Hardware requirement

-software requirement

-security requirement

-performance requirement

4.SYSTEM ANALYSIS 9-12

-fact finding

-software features

5.DESIGN AND DEVELOPMENT 13-31

-system design

-dataflow diagram

-algorithm

-coding

6.SCREEN SHOTS 31-36

-screen shots

# 7.**CONCLUSION** **37**