



# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

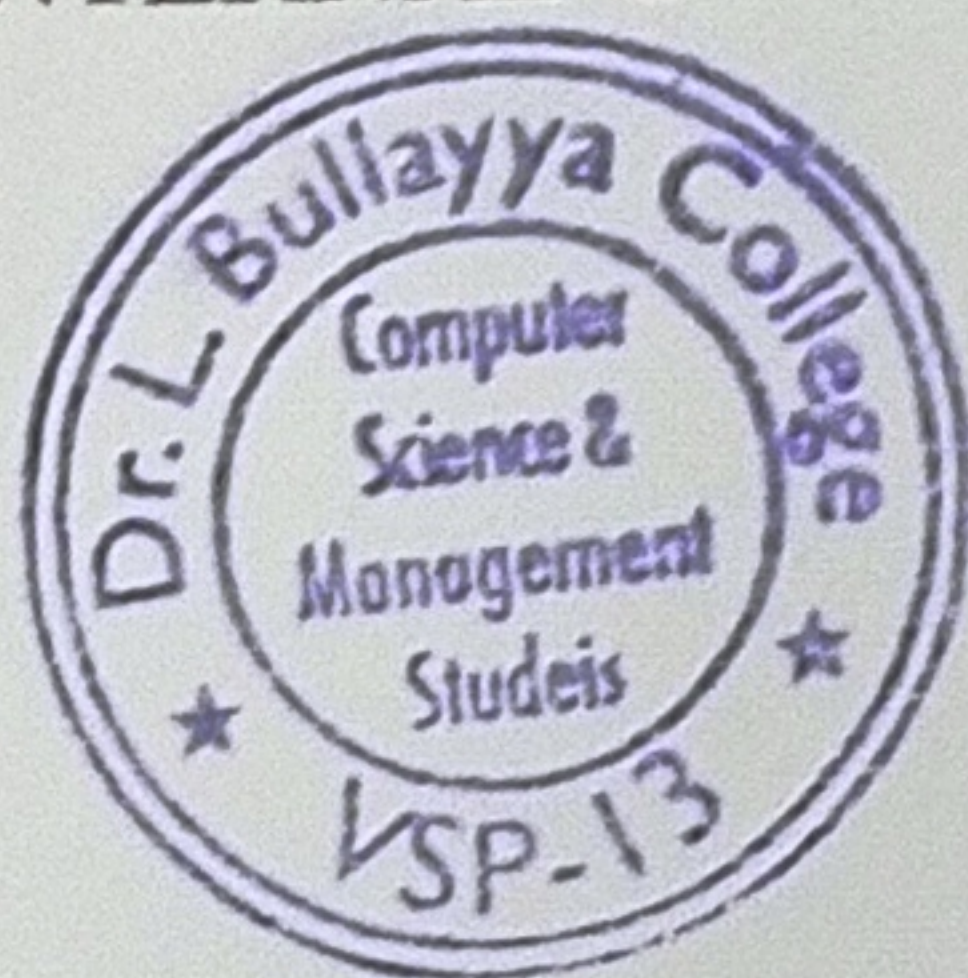
This is to certify that Ms. **Abbisetti Sri Lakshmi Mounika Kalyani** bearing Register No. **419228821001** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **A secure and dynamic multikeyword ranked search scheme over encrypted cloud data** under the guidance of **Sri.M.A.PRASAD** Sr.Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. LankapalliBullayya PG College, Visakhapatnam. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL , 2021 to AUGUST, 2021

SOFTWARE USED : Java, J2EE, Html, JavaScript and CSS

BACK END : My SQL

Sri. M. A. PRASAD  
Sr. Asst. Professor  
INTERNAL GUIDE



Sri. M. A. PRASAD  
Sr. Asst. Professor  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13

EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that Mr. **BEHARA SEKHAR** bearing RegisterNo. **419228821002** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **AUTOMATIC DATABASE SCHEMA GENERATION** under the guidance of **Sri.M.A.PRASAD** Sr.Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.

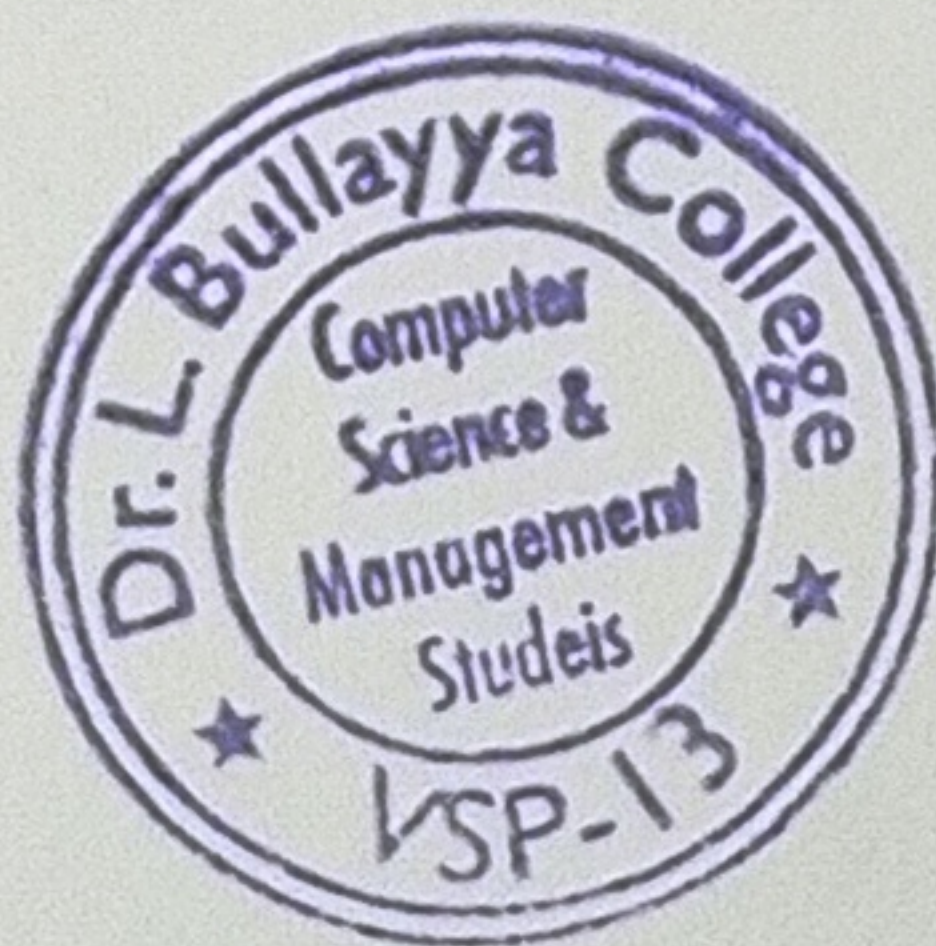
DURATION OF THE PROJECT : APRIL , 2021 to JULY, 2021

SOFTWARE USED : Java, J2EE, Html, JavaScript and CSS

BACK END : My SQL ,ORACLE

Sri. M. A. PRASAD  
Sr. Asst. Professor  
INTERNAL GUIDE

Sri. M. A. PRASAD  
Sr. Asst. Professor  
Head of the Department  
HEAD OF THE DEPARTMENT  
Department of Computer Science  
Dr. L. B. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE


This is to Certify that **BODDU LAVANYA RANI** bearing Register No. **419228821003** Of **M.Sc. Computer Science 2<sup>nd</sup>** year during academic year **2020-2021** has submitted the Project work titled **ONLINE CRIME REPORTING SYSTEM** under the guidance of **N. SRIDHAR**, Sr. Asst. Professor as partial fulfillment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya college, Visakhapatnam. The project details are furnished below.

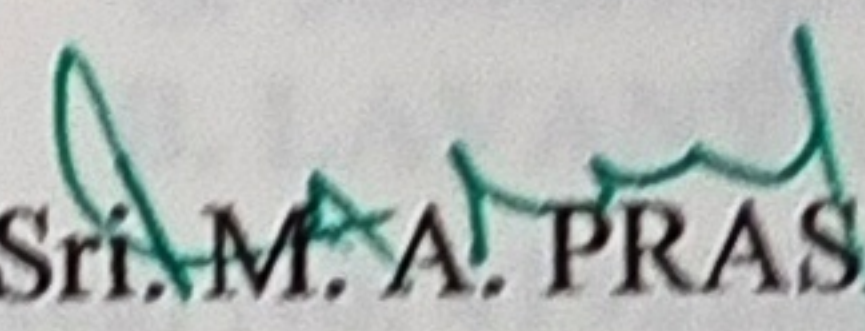
**DURATION OF THE PROJECT :** APRIL, 2021 to AUGUST, 2021

#### SOFTWARE USED

- Language : C# .Net
- Front End : Asp.net, HTML

**BACK END :** MySQL Server 2008

  
**Sri. N. SRIDHAR**  
Sr. Asst. Professor  
INTERNAL GUIDE

  
**Sri. M. A. PRASAD**  
Sr. Asst. Professor  
HEAD OF THE DEPARTMENT

**Head of the Department**  
**Department of Computer Science**  
**Dr. L. Bullayya PG College**  
Visakhapatnam

### EXTERNAL GUIDE







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to Certify that **BRUNDAVANA SRI SAI MAHESHWARI** bearing Register No. **419228821004** Of **M.Sc. Computer Science 2nd year** during academic year **2020-2021** has submitted the Project work titled **STUDENT MANAGEMENT SYSTEM** under the guidance of **N. SRIDHAR**, Sr. Asst. Professor as partial fulfilment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College, Visakhapatnam. The project details are furnished below.

**DURATION OF THE PROJECT** : **APRIL, 2021 to AUGUST, 2021**

#### SOFTWARE USED

- **LANGUAGE** : **HTML5,Css3,PYTHON**
- **FRONT END** : **HTML5 and Css3**

**BACK END** : **Sqlite3**

  
**N. SRIDHAR**

**Sr. Asst. Professor**

**INTERNAL GUIDE**

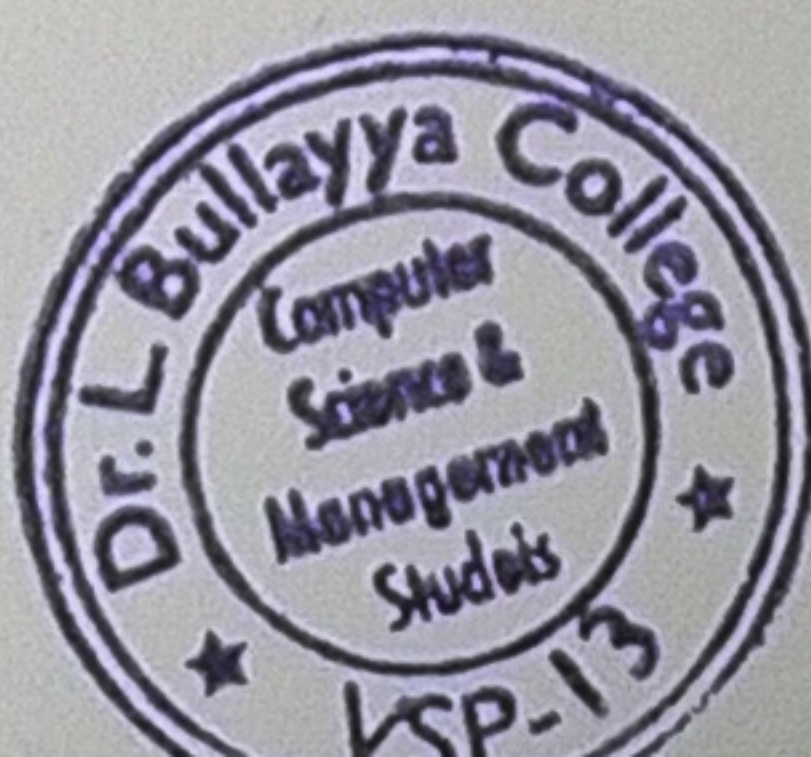
  
**M.A. PRASAD**

**Sr. Asst. Professor**

**HEAD OF THE DEPARTMENT**

**EXTERNAL GUIDE**

**Head of the Department**  
**Department of Computer Science**  
**Dr. L. Bullayya PG College**  
**Visakhapatnam-13**







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to Certify that Chatala Venkatesh Rao bearing Register No. **419228821005** Of **M.Sc. Computer Science 2<sup>nd</sup> year** during academic year **2020-2021** has submitted the Project work titled **Communication Network Using Cisco Packet Tracer** under the guidance of Asst. Professor as partial fulfillment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, **Dr. Lankapalli Bullayya college**, Visakhapatnam. The project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST 2021

#### Software Used:

- Cisco Packet Tracer
- Putty

*Buplathal*  
Mrs.B.V.P.Latha  
Asst. Professor  
INTERNAL GUIDE

*Sri. M. A. PRASAD*  
Sri. Asst. Professor  
HEAD OF THE DEPARTMENT

Head of the Department  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13

EXTERNAL GUIDE







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : [directorpg@bullayyacollege.org](mailto:directorpg@bullayyacollege.org)

Website : [www.bullayyacollege.org](http://www.bullayyacollege.org)

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that **CHERUKU RAMBABU** bearing Register No. **419228821006** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **Authentication by Encrypted Negative Password** under the guidance of **Mrs.B.V.P.Latha** Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

SOFTWARE USED : Java, Html, JavaScript and CSS

BACK END : My SQL

*Buplatha*

Mrs.B. V.P.Latha  
Asst. Professor  
INTERNAL GUIDE



EXTERNAL EXAMINER

*Ch. Rambabu*  
CHERUKU RAMBABU  
(Reg.No: 419228821006)  
*Sri. M.A. PRASAD*  
Sri. M.A. PRASAD  
Asst. Professor  
HEAD OF THE DEPARTMENT  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

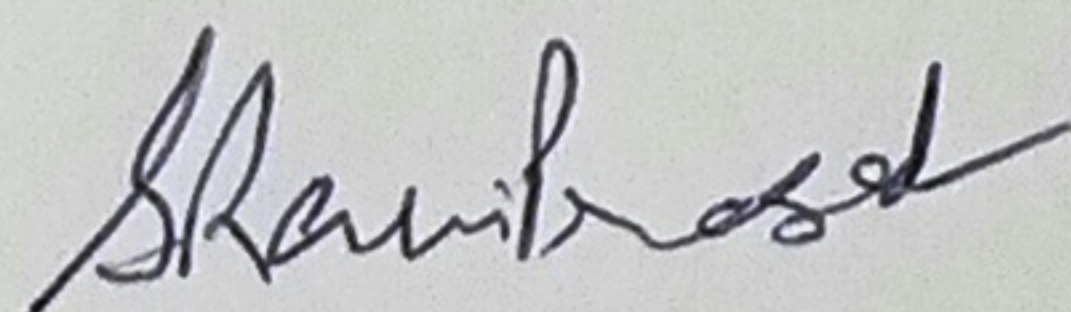
### CERTIFICATE

This is to certify that Ms.DALIBOINA ASHAJYOTHI bearing Register No. 419228821007 of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work title FACE RECOGNITION BASED ATTENDANCE SYSTEM under the guidance of Sri.S.RAVIPRASAD, Asst. Professor, for the partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

#### SOFTWARE USED

- Language : Python 3.9.0
- Frame work : OpenCV Framework
- Front End : Graphical User Interface
- Workbench : Microsoft Visual Studio Ultimate 2019
- Back End : Ms-Excelsheet



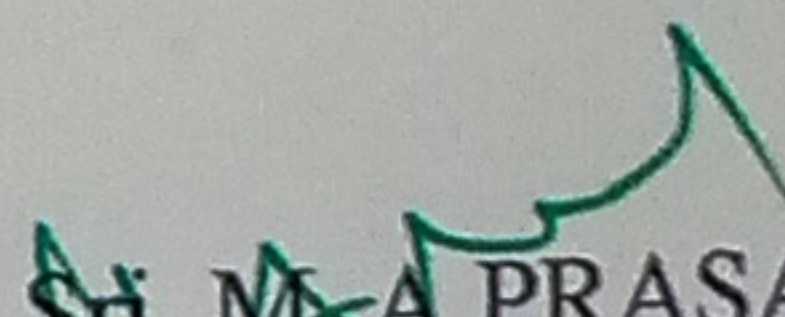
Sri.S.RaviPrasad

Asst. Professor

INTERNAL GUIDE



External Examiner

  
Sri. M.A. PRASAD  
Head of the Department  
Sr. Asst. Professor Science  
Department of Computer Science  
HEAD OF DEPARTMENT  
Visakhapatnam-13





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org  
Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

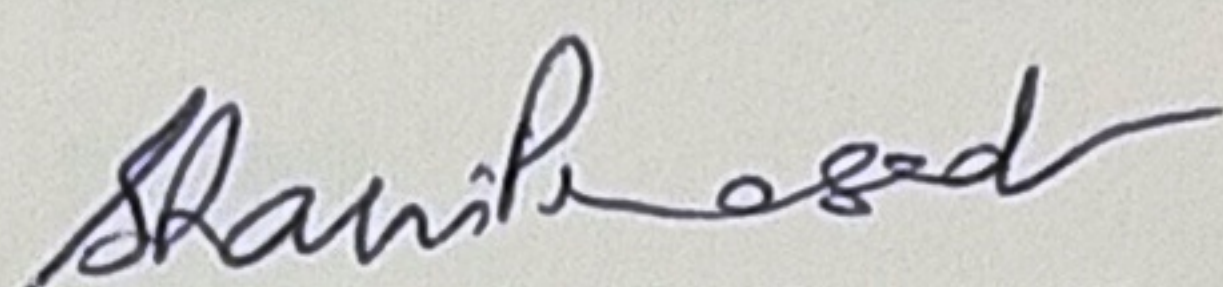
### CERTIFICATE

This is to certify that **DALLI PRAKASH BABU** bearing Register No. **419228821008** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **"TWITTER TRENDS MANIPULATION A FIRST LOOK INSIDE THE SECURITY OF THE TWITTER TRENDING"** under the guidance of **Mr. S RAVI PRASAD** Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT: APRIL, 2021 to AUGUST, 2021

SOFTWARE USED : HTML, JSP and CSS, Java7, Tomcat 7

BACK END : My SQL



Mr. S RAVI PRASAD

Assistant Professor

INTERNAL GUIDE

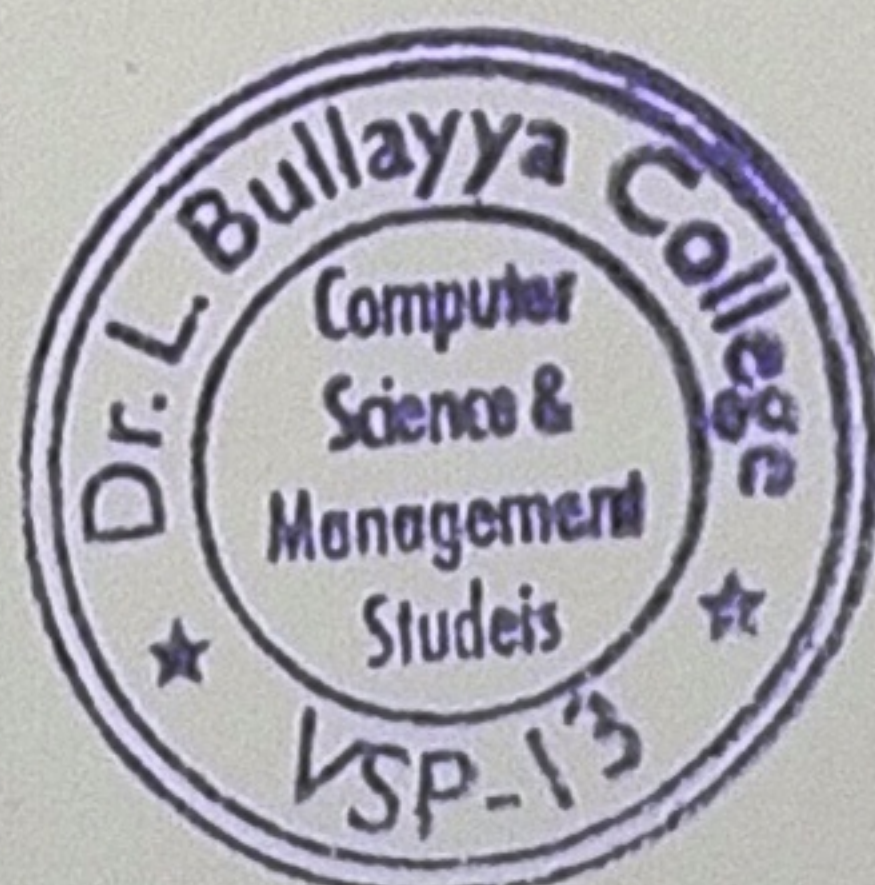
  
SRI M.A. PRASAD

Head of the Department

Department of Computer Science

Dr. L. Bullayya PG College

HEAD OF THE DEPARTMENT



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : [directorpg@bullayyacollege.org](mailto:directorpg@bullayyacollege.org)

Website : [www.bullayyacollege.org](http://www.bullayyacollege.org)

## COMPUTER SCIENCE & MANAGEMENT STUDIES

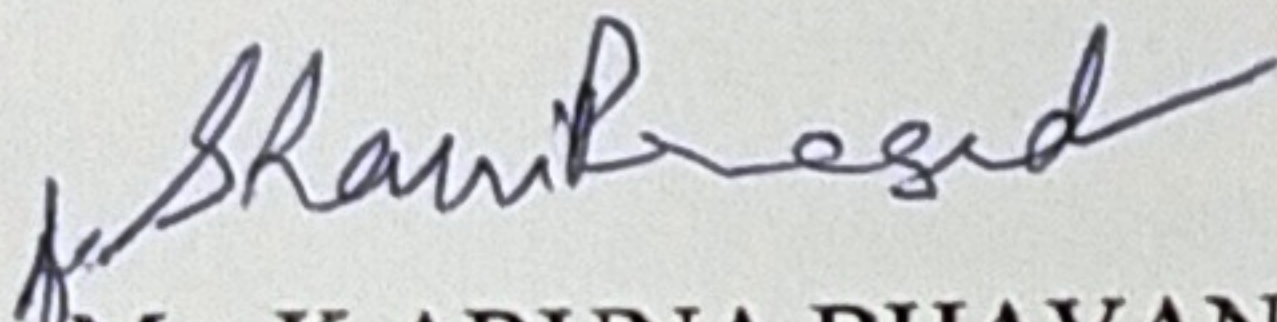
### CERTIFICATE

This is to certify that K T PRITHVI RAJ KUMAR NAIDU bearing Register No. 419228821009 of M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled WEB SCRAPING AGENT FOR E-COMMERCE WEBSITE under the guidance of Mrs.K.ARUNA BHAVANI, Asst. Professor as partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

SOFTWARE USED : Visual Studio Code

BACK END : CSV File

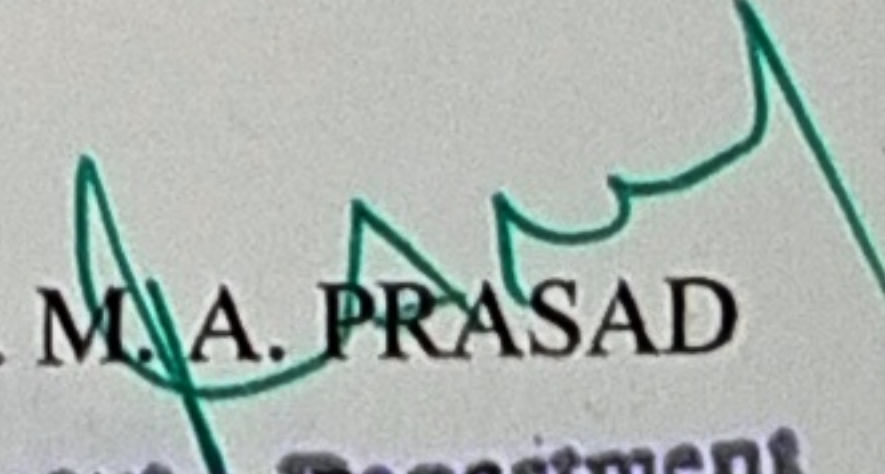
  
Mrs.K.ARUNA BHAVANI

Asst. Professor

INTERNAL GUIDE



Sri. M. A. PRASAD

  
Head of the Department  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya College  
Visakhapatnam-13

EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org  
Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that KARRI SUSHMA bearing Register No 419228821010 of MSc 2<sup>nd</sup> year during the academic year 2010-2021 has submitted the Project work titled SMARTCARD AUTHENTICATION SCHEMA PROVIDING SECURITY FOR THE DATA IN CLOUD under the guidance of K.ARUNA BHAVANI Asst. Professor as partial fulfilment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL 2020 to AUGUST 2021

SOFTWARE USED : JAVA, HTML

BACK END : MYSQL

K.ARUNA BHAVANI

Asst Professor

INTERNAL GUIDE

Sri. MA PRASAD

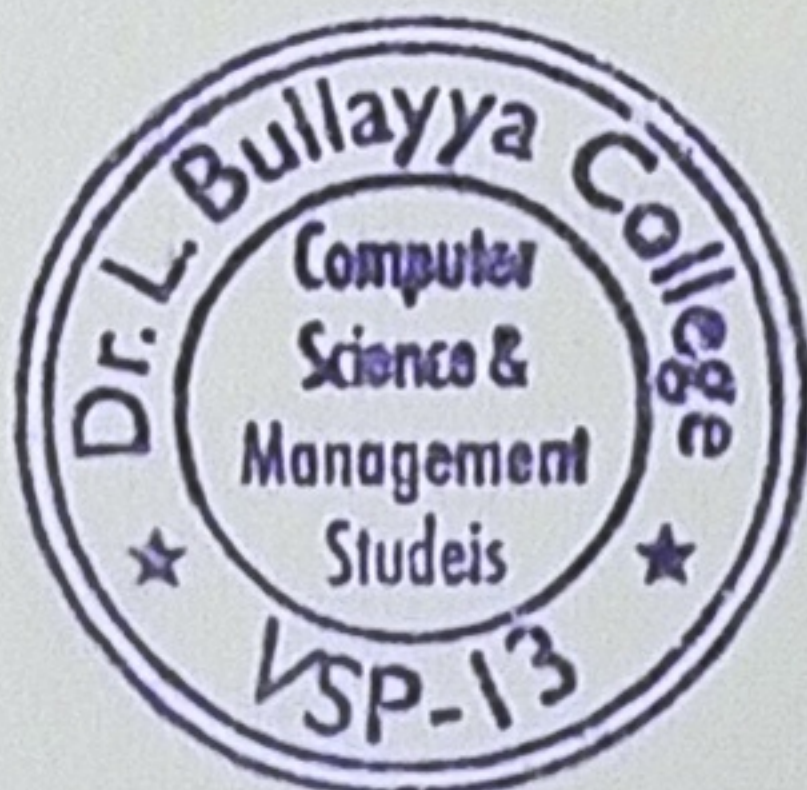
Head of the Department

Department of Computer Science

Dr. L. Bullayya PG College

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

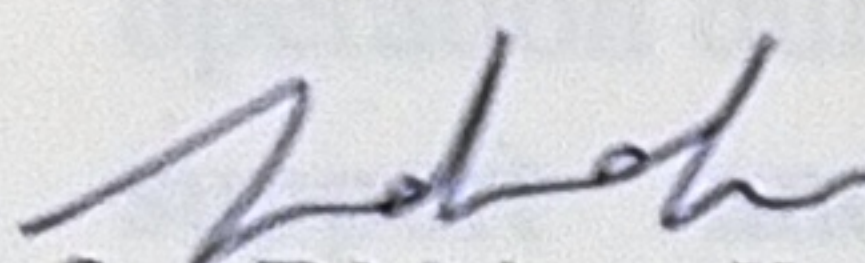
Website : www.bullayyacollege.org


## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that KORRAYI CHANDRIKA bearing Register No.419228821011 of M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled TRAFFIC JAM DETECTION USING DIGITAL IMAGE PROCESSING under the guidance of Smt.T.MOHANA KUMARI Asst. Professor as partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr.Lankapalli Bullayya College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to JULY, 2021  
SOFTWARE USED : JAVA  
BACK END : TRAFFIC JAM RELATED SAMPLE

  
Smt.T.Mohana Kumari  
Asst. Professor  
INTERNAL GUIDE

  
Sri M. A. PRASAD  
Asst. Professor  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

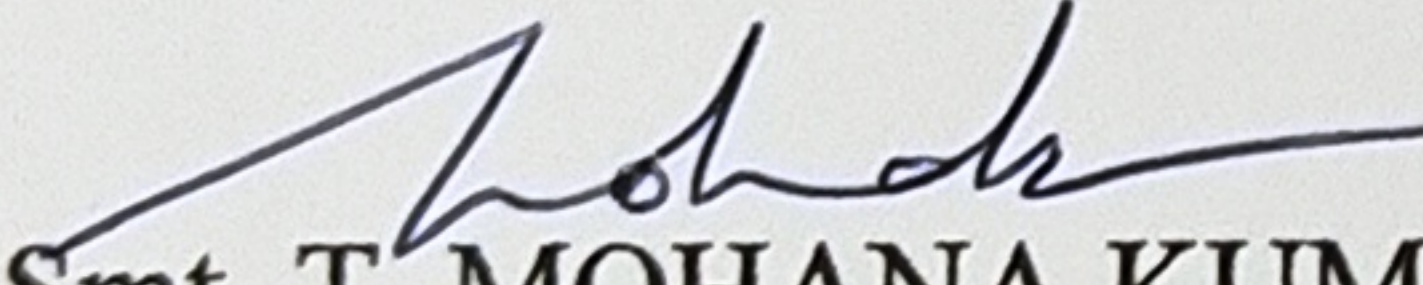
### CERTIFICATE

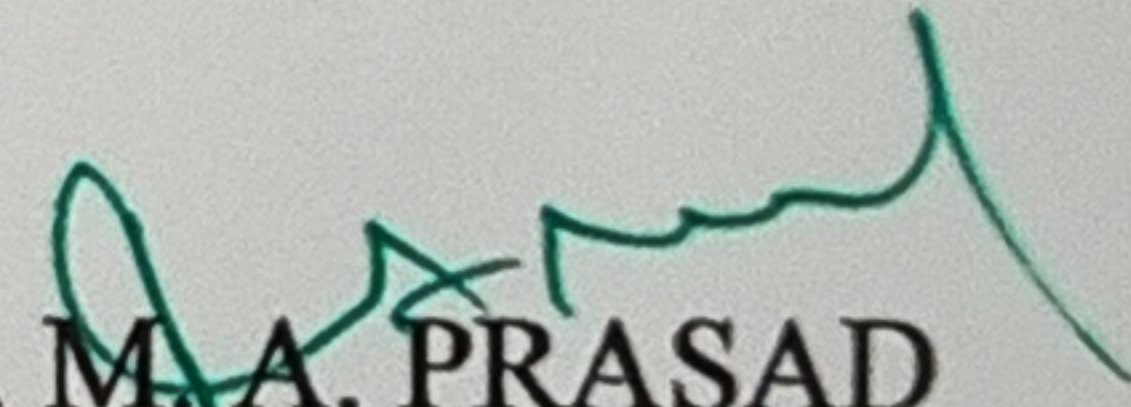
This is to Certify that **LODAGALA MOUNIKA** bearing Register No. **419228821012** Of M.Sc. Computer Science 2<sup>nd</sup> year during academic year 2020-2021 has submitted the Project work titled **SPAMMER DETECTION AND FAKE USER IDENTIFICATION ON SOCIAL NETWORKS** under the guidance of **Smt. T. MOHANA KUMARI** Asst. Professor as partial fulfillment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya college, Visakhapatnam. The project details are furnished below.

**DURATION OF THE PROJECT :** APRIL, 2021 to AUGUST 2021

#### SOFTWARE USED

- Language : Java
- Front End : HTML, CSS, JSP
- BACK END : MySQL

  
**Smt. T. MOHANA KUMARI**  
Asst. Professor  
INTERNAL GUIDE

  
**Sri. M.A. PRASAD**  
Head of the Department  
Sr. Asst. Professor  
Department of Computer Science  
**HEAD OF THE DEPARTMENT**  
Visakhapatnam-13



EXTERNAL GUIDE





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

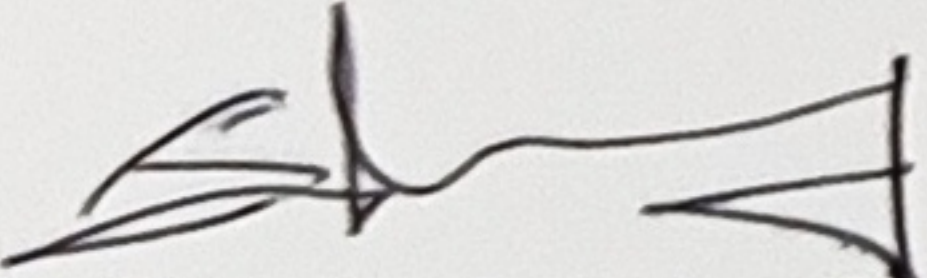
Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE


This is to certify that MANYALA SIRI VARSHINI bearing Register No. 419228821013 of M.Sc.Computer Science 2nd year during academic year 2020-2021 has submitted the Project work titled “AUDIO CRYPTOGRAPHY SYSTEM” under the guidance of Mr.S Satheeswara Reddy, Asst. Professor as Partial fulfilment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG college, Visakhapatnam. The project details are furnished below

DURATION OF THE PROJECT	: APRIL, 2021 to AUGUST, 2021
SOFTWARE USED	: Microsoft Visual Studio
BACK END	: Microsoft SQL Server

  
Mr. S Satheeswara Reddy  
Asst. Professor  
INTERNAL GUIDE



EXTERNAL GUIDE

  
Sri. M.A. PRASAD  
Head of the Department  
Sr. Asst. Professor  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES


### CERTIFICATE

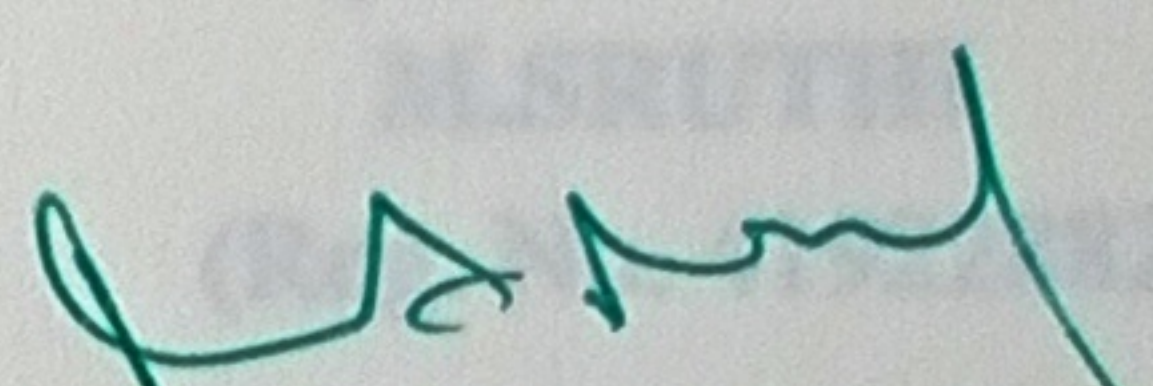
This is to Certify that **MADDI SRUTHI** bearing Register No. 419228821014 Of M.Sc. Computer Science 2<sup>nd</sup> year during academic year 2020-2021 has submitted the Project work titled **ONLINE MARRIAGE REGISTRATION SYSTEM** under the guidance of Sri. **S.SATHEESWARA REDDY** Asst. Professor as partial fulfilment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG college, Visakhapatnam. The project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST 2021

#### SOFTWARE USED

Language	:	PHP 5.6 or above
Front End	:	HTML, CSS, JavaScript
Frame work	:	Subline Text Editor
Back End	:	MySQL

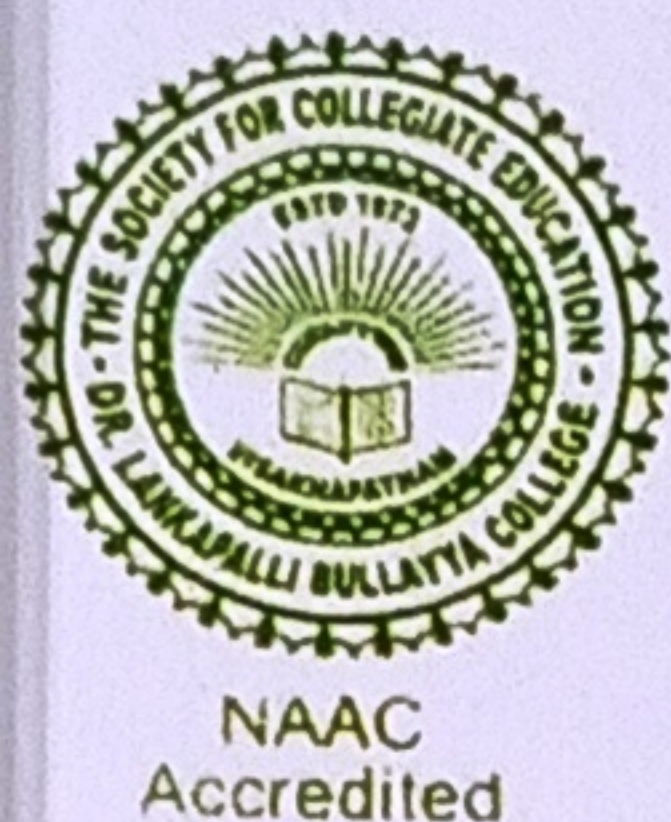
  
Sri. S.SATHEESWARA REDDY  
Asst. Professor  
INTERNAL GUIDE

  
Sri. M. A. PRASAD  
Head of the Department  
Department of Computer Science  
Dr. L. Bullayya PG College  
HEAD OF THE DEPARTMENT  
Visakhapatnam-13



EXTERNAL GUIDE





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : [directorpg@bullayyacollege.org](mailto:directorpg@bullayyacollege.org)

Website : [www.bullayyacollege.org](http://www.bullayyacollege.org)

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that MALLA NAVEEN BALAJI bearing Register No. 419228821015 of M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled INTEGRATION OF SOUND SIGNATURE IN GRAPHICAL PASSWORD AUTHENTICATION SYSTEM under the guidance of MRS.CH. SRILATHA Asst. Professor as partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

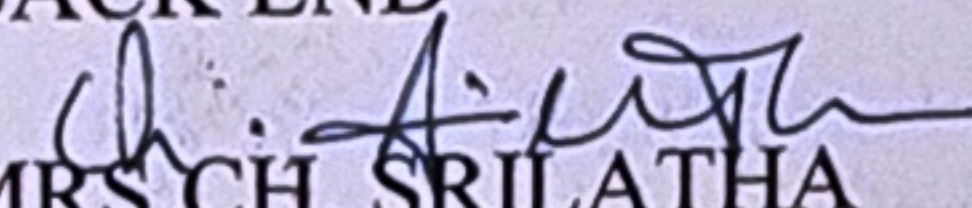
DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

SOFTWARE USED

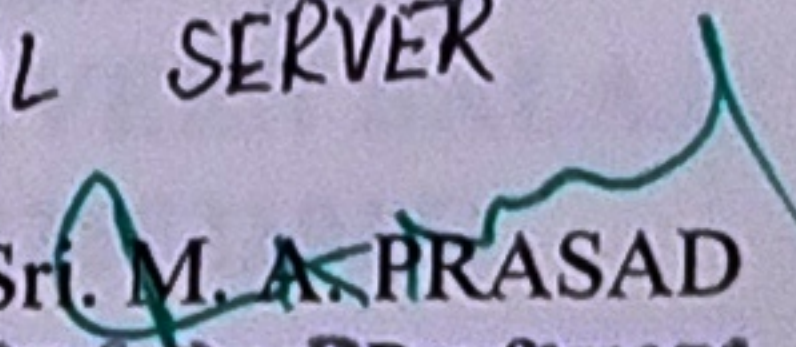
: MICROSOFT VISUAL STUDIO

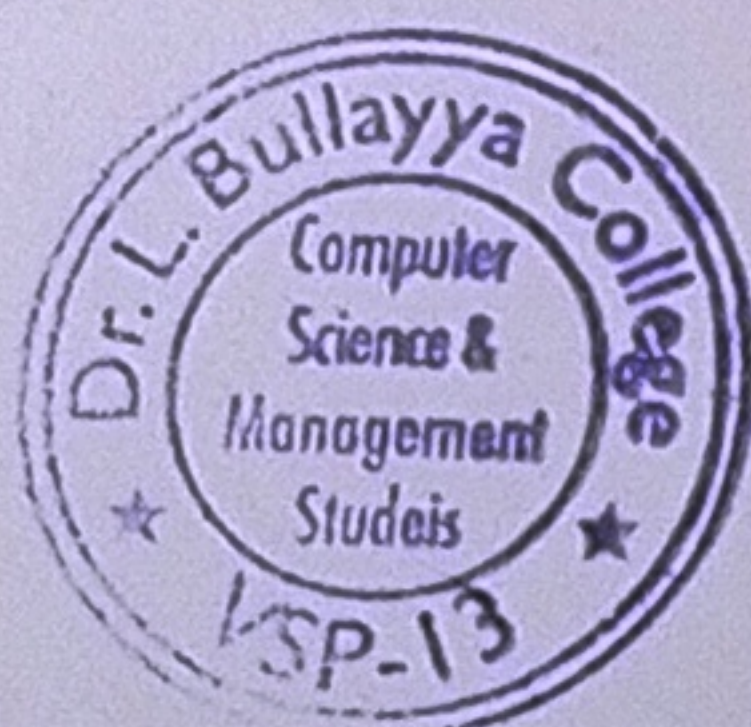
BACK END

: MICROSOFT SQL SERVER

  
MRS.CH. SRILATHA

Asst. Professor  
INTERNAL GUIDE

  
Sri. M. A. PRASAD  
Head of the Department  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

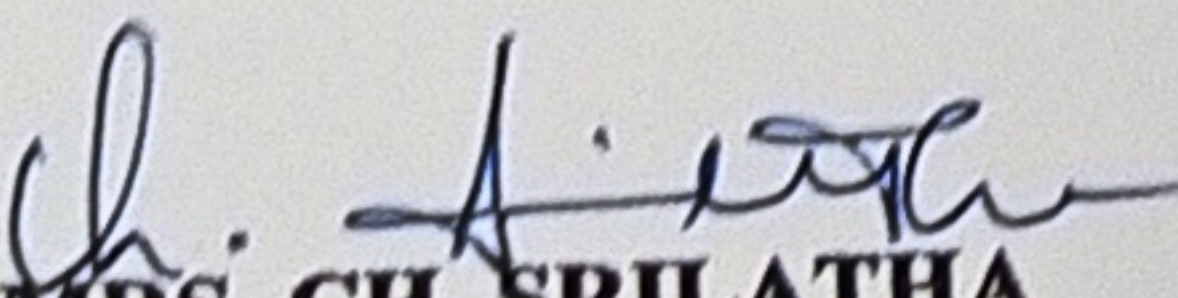
### CERTIFICATE

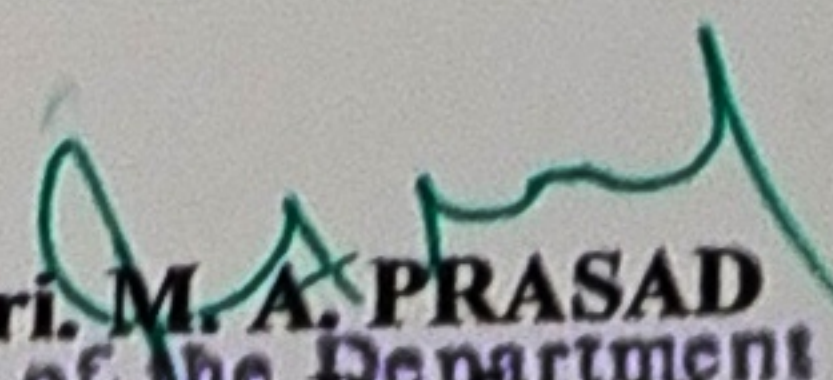
This is to certify that **MEDARAMETLA UMASHREE** bearing Register No. **419228821016** of M.Sc. Computer Science 2nd year during academic year 2020-2021 has submitted the Project work titled **EMPLOYEE LEAVE MANAGEMENT SYSTEM** under the guidance of **MRS.CH.SRILATHA**, Asst. Professor as partial fulfilment of requirements for the award of degree of **Master of Computer Science** in the Department of Computer Science-PG, **Dr. Lankapalli Bullayya PG college**, Visakhapatnam. The project details are furnished below.

**DURATION OF THE PROJECT:** APRIL, 2021 to AUGUST 2021

#### SOFTWARE USED

- Language : C# .Net
- Front End : Asp.net, HTML
- Frame work : .Net framework 3.5
- Workbench : Microsoft Visual Studio Ultimate 2012
- Back End : MySQL Server 2008

  
**MRS. CH. SRILATHA**  
Asst. Professor  
**INTERNAL GUIDE**

  
**Sri. M. A. PRASAD**  
Head of the Department  
Sr. Asst. Professor  
**HEAD OF THE DEPARTMENT**  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13



**EXTERNAL GUIDE**





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

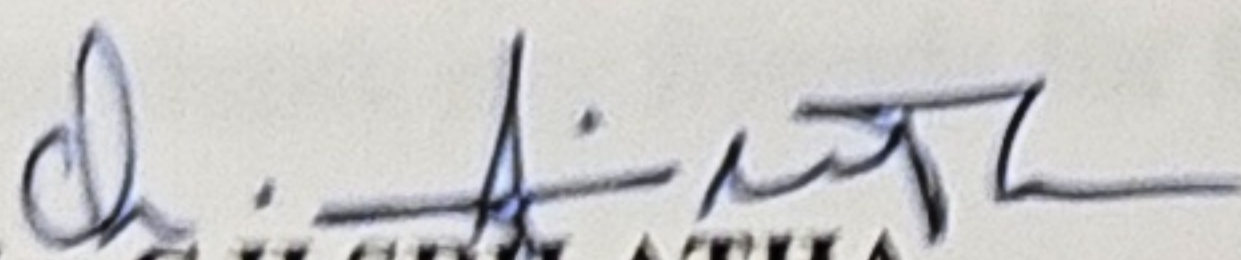
### CERTIFICATE

This is to certify that MEDISETTI RAJU bearing Register No. 419228821017 of M.Sc.Computer Science 2nd year during academic year 2020-2021 has submitted the Project work titled "AN EFFICIENT MULTI AUTHORITY DATA ACCESS CONTROL USING IDENTITY BASED SIGNATURE SCHEMA IN CLOUD COMPUTING" under the guidance of Mrs.C.H.SRILATHA, Asst. Professor as Partial fulfilment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG college, Visakhapatnam. The project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to JULY 2021

SOFTWARE USED : Microsoft Visual Studio

BACK END : Microsoft SQL Server

  
Mrs.C.H.SRILATHA

Assistant Professor

INTERNAL GUIDE

  
Mr. M.A.PRASAD

Head of the Department  
Sr.Assistant Professor  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph : 2561635, Fax : 0891-2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

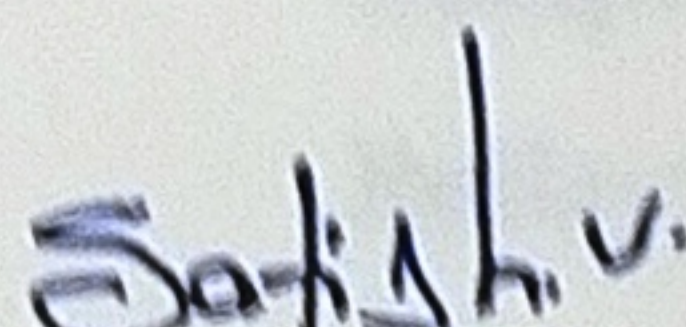
This is to certify that Ms. MEDISHETTY GIRIJA bearing Register No. **419228821018** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **"PREDICTION AND ANALYSING OF UNSAFE LOCALITIES"** under the guidance of Sri.V.SATISH Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.


DURATION OF THE PROJECT : APRIL , 2021 to JULY, 2021

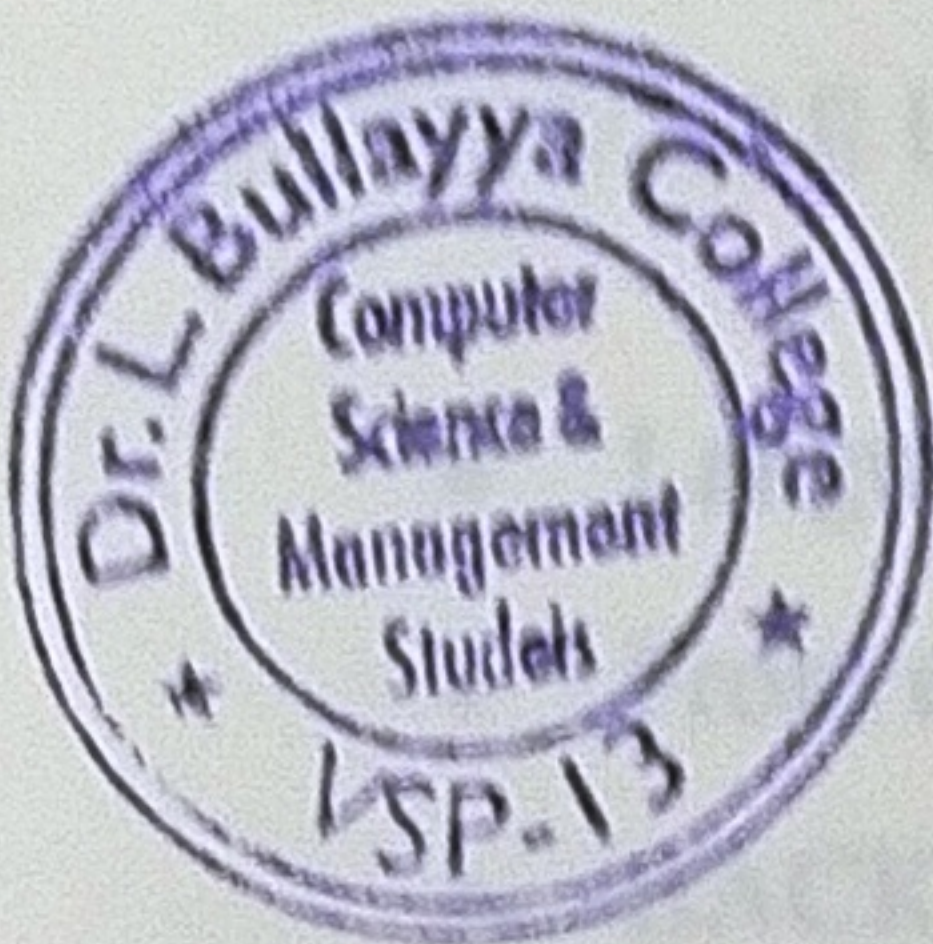
LANGUAGE : PYTHON

SOFTWARE USED : HTML, CSS, JAVASCRIPT

BACK END : My SQL

  
Mr. V. SATISH  
Asst. Professor  
INTERNAL GUIDE

  
Sri. M. A. PRASAD  
Head of the Department  
Sr. Asst. Professor  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

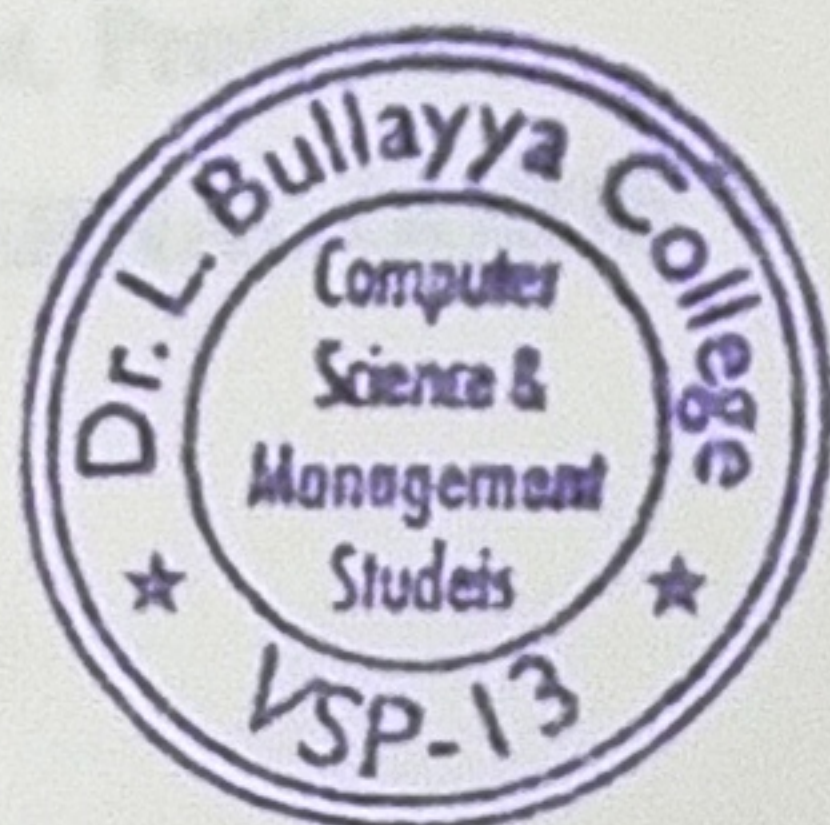
### CERTIFICATE

This is to certify that **Ms. Nelapati Siva Lakshmi** bearing Register No. **419228821019** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **"ONLINE EXAMINATION SYSTEM"** under the guidance of **Sri.V.SATISH** Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL , 2021 to JULY, 2021  
LANGUAGE : PHP  
SOFTWARE USED : HTML, CSS, JAVASCRIPT  
BACK END : My SQL

*Satish.v.*  
Mr.V.SATISH  
Asst. Professor  
INTERNAL GUIDE

*[Signature]*  
Sri.M. A. PRASAD  
Head of the Department  
Sr. Asst. Professor  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13



External Guide.





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : [directorpg@bullayyacollege.org](mailto:directorpg@bullayyacollege.org)

Website : [www.bullayyacollege.org](http://www.bullayyacollege.org)

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that POLA VAMSI KRISHNA bearing Register No. 419228821022 of M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled UNIVERSAL RENTAL CAPTURE under the guidance of Mr.T.S.S.J.HARANATH, Asst. Professor as partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

SOFTWARE USED : Microsoft Visual Studios 2012

BACK END : Microsoft SQL Server 2008

Mr.T.S.S.J.HARANATH

Asst. Professor

INTERNAL GUIDE



Sri.M.A.PRASAD

Head of the Department

Asst. Professor

Department of Computer Science

HEAD OF THE DEPARTMENT

Dr. L. Bullayya College

Visakhapatnam-13

EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

COMPUTER SCIENCE & MANAGEMENT STUDIES

## CERTIFICATE

This is to certify that **PUPPALA NAGA SURENDRA**, bearing Roll No. **419228821023** have developed Software project titled "**Mixed Steganography for Providing Security for the Digital Data**" for **Dr. LANAKAPALLI BULLAYYA COLLEGE** as a partial fulfillment for the award of the Degree of **MSC COMPUTER SCIENCE**.

DURATION OF THE PROJECT: APRIL,2021 to JULY,2021

LANGUAGE

:JAVA

SOFTWARE USED

:CSS,JSP & HTML

BACKEND

:APACHE TOMCAT 7.0

Mr. T.S.S.J. Haranath

Assistant Professor

INTERNAL GUIDE

Sri. M.A. PRASAD

Sr. Assistant Professor

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER



Head of the Department  
Department of Computer Science  
Dr. L. Bullayya College  
PG College  
Vizag





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that Mr.PUSALA DURGA LAKSHMI NAGABABU bearing Register No. 419228821024 of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled Desing And Analysis Of Energy Efficient Link Delay Aware Routing In WSN under the guidance of Sri.T.SRI SIVA RAMAYYA, Asst. Professor, for the partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL , 2021 to JULY, 2021

SOFTWARE USED : Java, J2EE.

BACK END : My SQL

MR.T.SRI.SIVARAMAYYA  
Asst.Professor  
INTERNAL GUIDE

SRI. M.A.PRASAD  
Asst. Professor  
HEAD OF THE DEPARTMENT  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

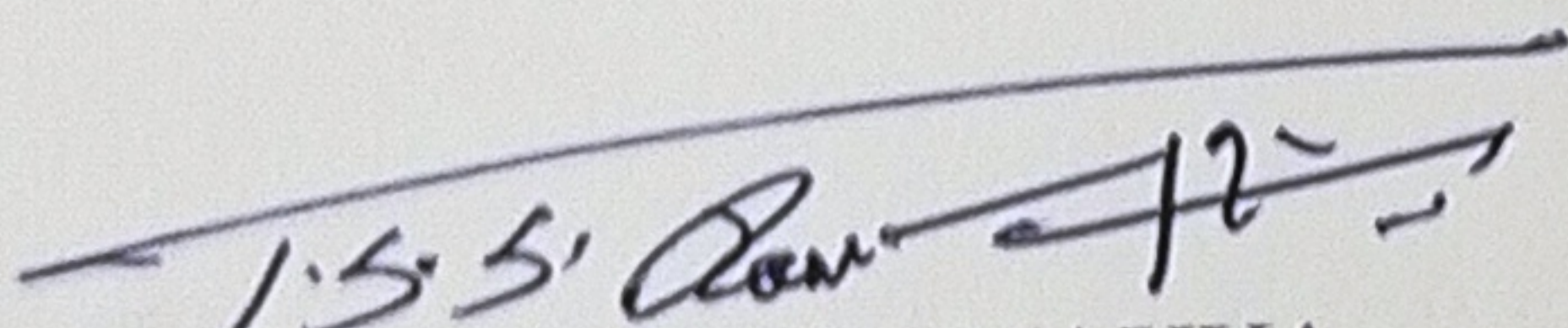
### CERTIFICATE

This is to certify that **ROUTHU REVATHI** bearing Register No. **419228821025** of M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **DETECTION OF FAKE ONLINE REVIEWS USING SEMI-SUPERVISED AND SUPERVISED LEARNING** under the guidance of **T.SRI SIVA RAMAYYA** Asst. Professor as partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr.Lankapalli BullayyaCollege, Visakhapatnam. This work is not submitted to any University for the award of any Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

SOFTWARE USED : JAVA, HTML

BACK END : MYSQL

  
T.SRI SIVA RAMAYYA

Asst. Professor

INTERNAL GUIDE

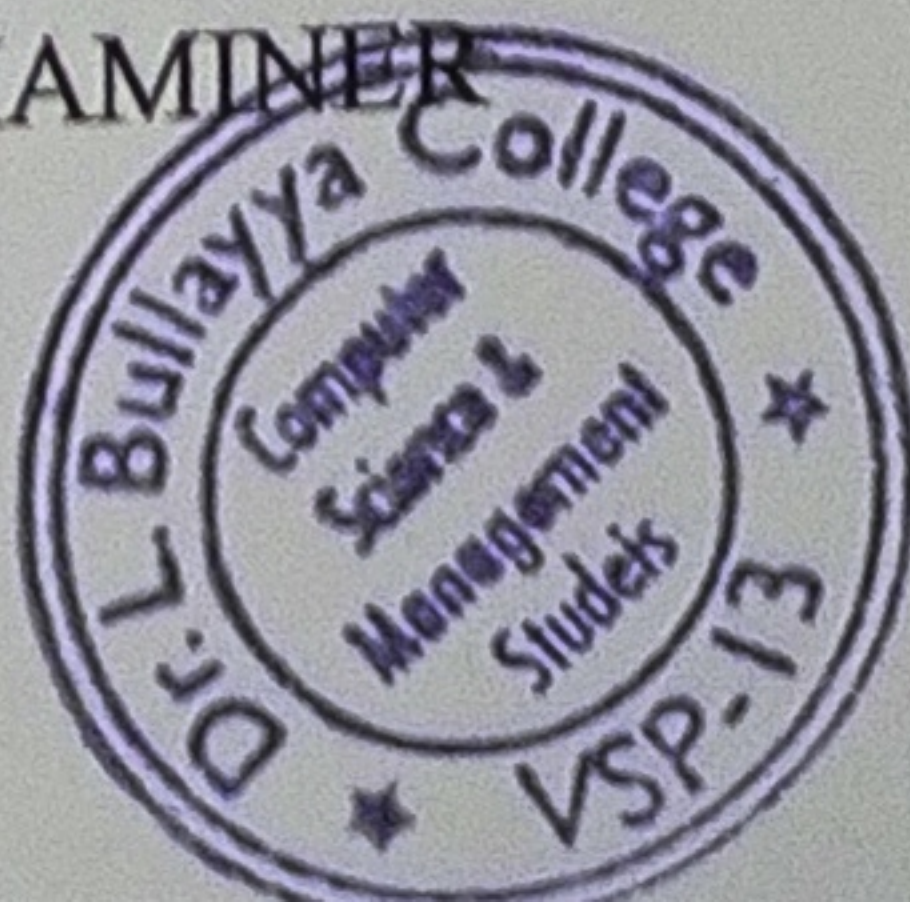
  
Sri. M. A. PRASAD

Sr. Asst. Professor

HEAD OF THE DEPARTMENT

Head of the Department  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13

EXTERNAL EXAMINER







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

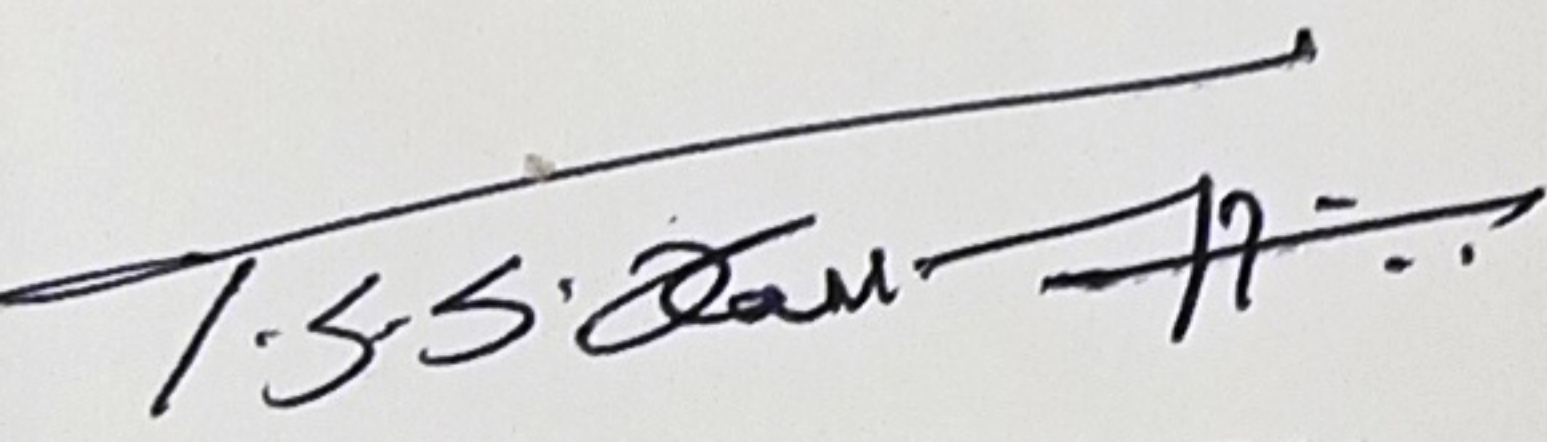
### CERTIFICATE

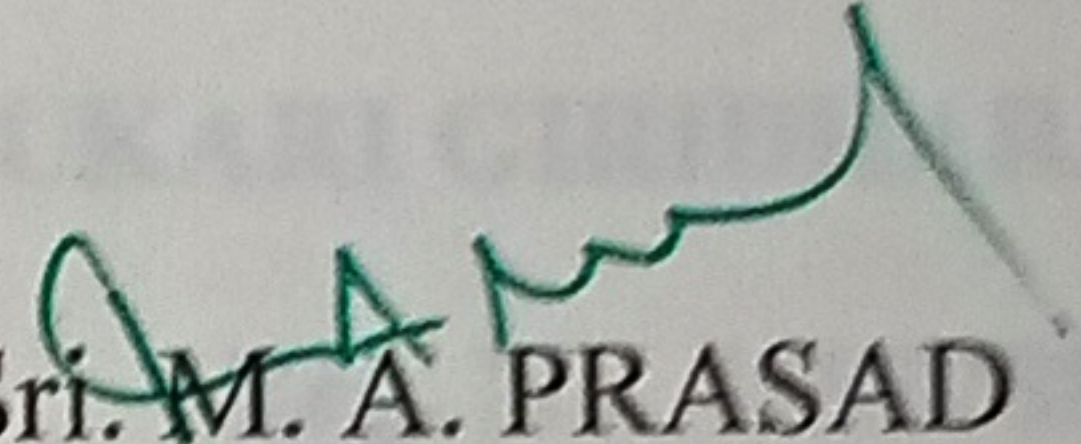
This is to Certify that Sahukari Giridhara Rao bearing Register No. 419228821026 Of **M.Sc. Computer Science 2<sup>nd</sup> year** during academic year 2020-2021 has submitted the Project work titled **Disease Detection of Rice Crops using Image Processing** under the guidance of Asst. Professor as partial fulfillment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya college, Visakhapatnam. The project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST 2021

#### SOFTWARE USED

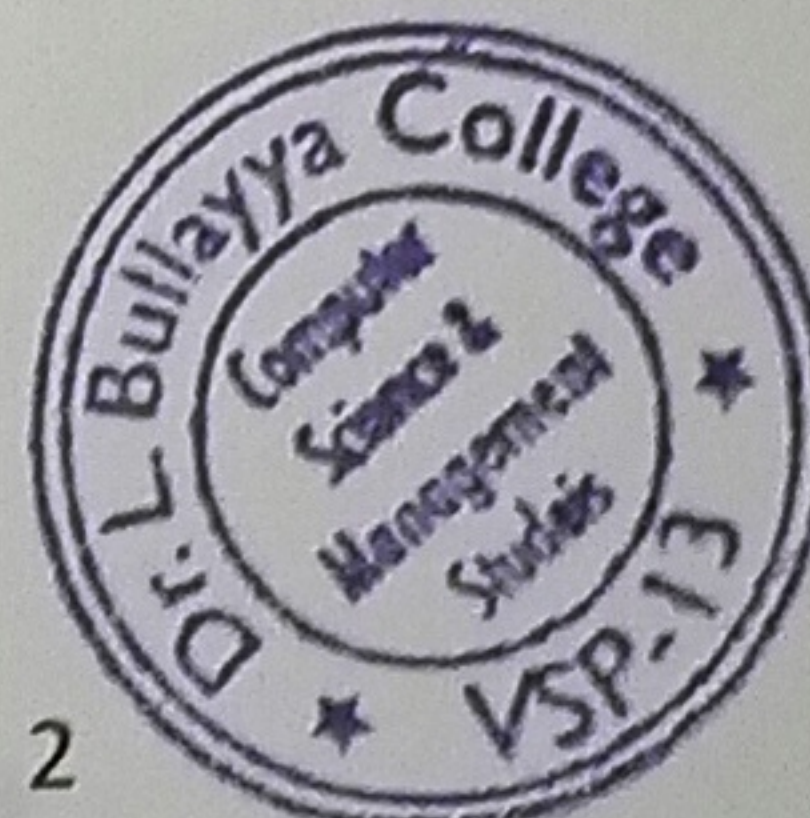
- Dev Tools : Anaconda, Python 2.7, Spider
- Libraries / Packages : OpenCV, SciPy, Scikit-Learn, TKInter
- BACK END : Cloud Storage

  
T.S. SIVARAMAYYA  
Asst. Professor  
INTERNAL GUIDE

  
Sri. M. A. PRASAD  
Sr. Asst. Professor  
HEAD OF THE DEPARTMENT

EXTERNAL GUIDE

Head of the Department  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### ACKNOWLEDGMENT

As every student I express my gratitude to all those who have shown their grace and  
kindness upon me to complete this project. Although our name appears on the cover of this  
book, many people had contributed in this project. First of all, I thank my parents.

### CERTIFICATE

This is to certify that Sanapala Sai Kiran bearing Register No. 419228821027 of  
M.Sc. Computer Science 2<sup>nd</sup> year during the academic year 2020-2021 has submitted  
the Project work titled Privacy protection and intrusion avoidance for cloud-let based  
medical data sharing under the guidance of Mrs. M. Rupasri Asst. Professor as  
partial fulfillment of the requirements for the award of degree of Master of Computer  
Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya College,  
Visakhapatnam. This work is not submitted to any University for the award of any  
Degree. The Project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST, 2021

#### SOFTWARE USED

- Language : JAVA (JEE)
- Front End : JSP,HTML AND CSS
- BACK END : MY SQL

Mrs. M. Rupasri  
Asst. Professor  
INTERNAL GUIDE



Sri M. A. PRASAD  
Head of the Department  
Sr. Asst. Professor  
Department of Computer Science  
HEAD OF THE DEPARTMENT  
Dr. L. Bullayya PG College  
Visakhapatnam-13

EXTERNAL EXAMINER





# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

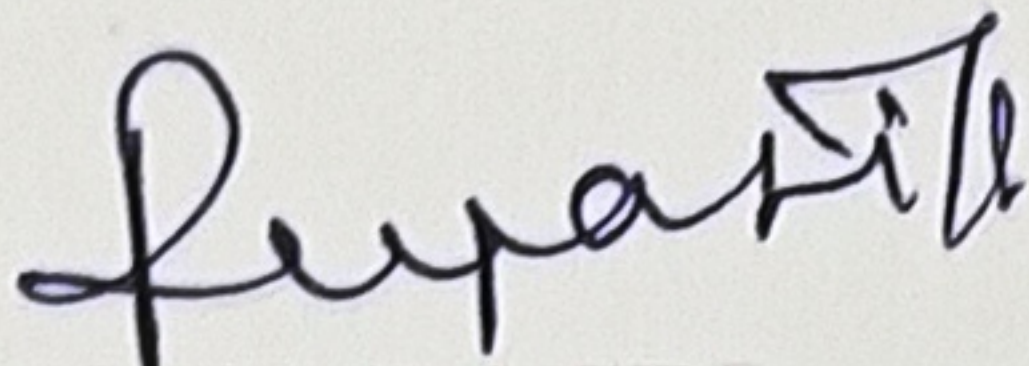
### CERTIFICATE

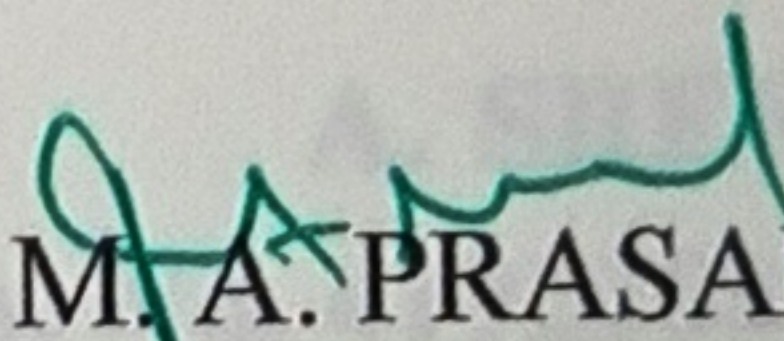
This is to Certify that Ms. **A SREEVANI** bearing Register No. **419228821028** Of **M.Sc. Computer Science 2<sup>nd</sup> year** during academic year **2020-2021** has submitted the Project work titled **KEY LOGGING RESILIENT FOR VISUAL AUTHENTICATION PROTOCOL** under the guidance of **Mrs. M. RupaSri** Asst. Professor as partial fulfillment of requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya college, Visakhapatnam. The project details are furnished below.

DURATION OF THE PROJECT : APRIL, 2021 to AUGUST 2021

#### SOFTWARE USED

- Language : Java, Html, JavaScript
- BACK END : MySQL

  
Mrs. M. RUPASRI  
Asst. Professor  
INTERNAL GUIDE

  
Sri. M. A. PRASAD  
Sr. Asst. Professor  
HEAD OF THE DEPARTMENT

Head of the Department  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13

#### EXTERNAL GUIDE







# Dr. Lankapalli Bullayya College

(Approved by AICTE New Delhi & Affiliated to Andhra University, Visakhapatnam)

# 52-14-75, Resapuvani Palem, Visakhapatnam - 530 013.

Ph. : 2561635, Fax. : 0891- 2714423, E-mail : directorpg@bullayyacollege.org

Website : www.bullayyacollege.org

## COMPUTER SCIENCE & MANAGEMENT STUDIES

### CERTIFICATE

This is to certify that **VANJARANA BHUVANVIKASH** bearing Register No. **419228821029** of M.sc.2<sup>nd</sup> year during the academic year 2020-2021 has submitted the Project work titled **Analysis of user's behavior for Fraud Detection in E-commerce Websites** under the guidance of **Mrs.M.Rupasri** Asst. Professors partial fulfillment of the requirements for the award of degree of Master of Computer Science in the Department of Computer Science-PG, Dr. Lankapalli Bullayya PG College, Visakhapatnam. This work is not submitted to any University for the award of any Degree . The Project details are furnished below.

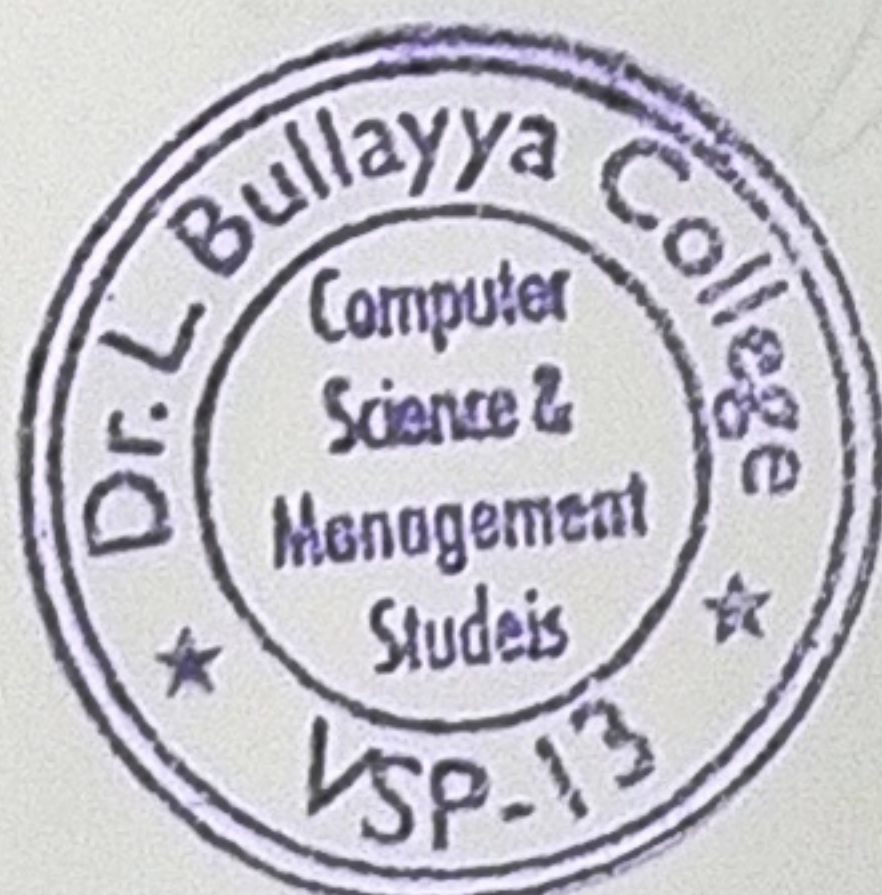
DURATION OF THE PROJECT : APRIL , 2021 to AUGUST, 2021

SOFTWARE USED : Java, Html, JavaScript and CSS

BACK END : My SQL

Mrs.M.Rupasri  
Asst. Professor  
INTERNAL GUIDE

Sri. M. A. PRASAD  
Sr. Asst. Professor  
Head of the Department  
HEAD OF THE DEPARTMENT  
Department of Computer Science  
Dr. L. Bullayya PG College  
Visakhapatnam-13



EXTERNAL EXAMINER