# A PROJECT REPORT ON
## SMART CAR PARKING SYSTEM APPLICATION



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**LAKKAKULA KEERTHANA (086215055)**

**LEDALLA ANNIE(086215056)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

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Viswambhara Educational Society                    Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

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*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

www.vaagdevicolleges.com,    E-mail:a.schalam213@gmail.com,   principal@vaagdevicolleges.com

**ARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

## CERTIFICATE

This is to certify that **LAKKAKULA KEERTHANA** and **LEDALLA ANNIE** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"SMART CAR PARKING SYSTEM APPLICATION"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
Principal
Vaagdevi Degree & P.G.
Kishanpura, Hanamkonda

**External Examiner**   6|6|23

2

## CERTIFICATE

This is to certify that **Lakkakula Keerthana (086215055) & Ladella Annie (086215056)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Smart Car Parking Application using Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

3

# A PROJECT REPORT ON
# ID2S PASSWORD AUTHENTICATED KEY EXCHANGE PROTOCOLS

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**G. Keerthana** (086215035)

**G. Susmitha** (086215039)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakaitya University)

Hanamkonda, Telangana, India 506001.

# VAAGDEVI DEGREE & P.G. COLLEGE

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# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

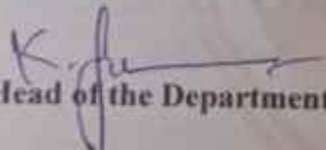www.vaagdevicolleges.com,     E-mail:a.schalam213@gmail.com,   principal@vaagdevicolleges.com
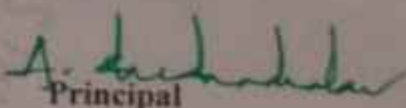
**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **G.Keerthana** and **G. Susmitha** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **-ID2S PASSWORD AUTHENTICATED KEY EXCHANGE PROTOCOLS-** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

2

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Ganipaka Keerthana (086215035) & Gudla Susmitha (086215039)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"ID2S Password-Authenticated Key Exchange Protocols"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## NETWORK ASSISTED MOBILE COMPUTING WITH OPTIMAL UPLINK QUERY PROCESSING



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**J. Yuvaraj** (086215044)

**J. Kalyan** (086215043)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

---

# VAAGDEVI DEGREE & P.G. COLLEGE
(Affiliated to Kakatiya University)
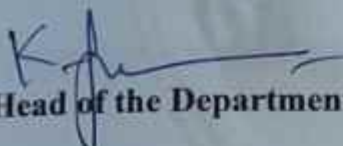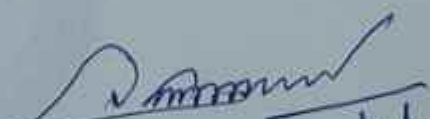Hanamkonda, Telangana, India 506001.
(2021-23)

1

## CERTIFICATE

This is to certify that **J. Yuvaraj** and **J. Kalyan** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Network Assisted Mobile Computing With Optimal Uplink Query Processing"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner** 6|6| 23

2

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Jannu Kalyan (086215043), Jupaka Yuvaraj (086215044)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Personalized Travel Sequence Recommendation on Multi-Source Big Social Media"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## MOBILE DATA GATHERING WITH LOAD BALANCED CLUSTERING AND DUAL DATAUPLOADING IN WIRELESS SENSOR NETWORKS



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**D.Mounika** (08621-5027)

**N.Bharath** (08621-5072)

Under the guidance of

**Mr. K. SRIDHAR**

(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE

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Viswambhara Educational Society                                    Ph : 0870-245518

# VAAGDEVI DEGREE & P.G. COLLEGE
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# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.
www.vaagdevicolleges.com,    E-mail:a.schalam213@gmail.com,   principal@vaagdevicolleges.com

**r. AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.
incipal

## CERTIFICATE

This is to certify that **D.Mounika** and **N. Bharath** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Mobile Data Gathering With Load Balanced Clustering And Dual Data Uploading In Wireless Sensor Networks"** at Vaagdevi Degree & P.G College. Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Dhothula Mounika (086215027) & Nagula Bharath (086215072)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## GALLOP: GLOBAL FEATURE FUSED LOCATION
## PREDICTION FOR DIFFERENT CHECK-IN SCENARIOS

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Nudrath Naureen (086215075)**

**Saariya Sajjad (086215086)**

**Sana Farheen (086215087)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
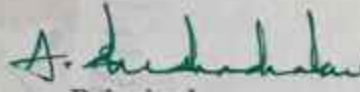(2021-23)

**r. AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

incipal

## CERTIFICATE

This is to certify that **Nudrath Naureen, Saariya Sajjad and Sana Farheen** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitle **GALLOP:GlobAL feature fused LOcation Prediction for Different Check-in Scenarios** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkot

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Nudrath Naureen (086215075), Sana Farheen (086215087) & Saariya Sajjad (086215086)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Global feature fused Location Prediction for Different Check-in Scenarios"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
# ENABLING IDENTITY-BASED INTEGRITY AUDITING AND DATA SHARING WITH SENSITIVE INFORMATION HIDING FOR SECURE CLOUD STORAGE



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**ROHITH CHITTOJU** (086215025)

**RAJABOINA YOGANAND** (086215085)

Under the guidance of

Mr. K. SRIDHAR

(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE

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Hanumakonda, Telangana, India 506001.

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www.vaagdevicolleges.com,    E-mail:a.schalam213@gmail.com,    principal@vaagdevicolleges.com

**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

ncipal

## CERTIFICATE

This is to certify that **CHITTOJU ROHITH** and **RAJABOINA YOGANAND** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Enabling Identity-Based Integrity Auditing and Data Sharing With sensitive Information Hiding for Secure Cloud Storage"** at Vaagdevi Degree & P.G College.Hanumakonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. C
Kishanpura, Hanamkonda

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Chittoju Rohith (086215025) & Rajaboina Yoganand (086215085)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## Service Usage Classifications with encrypted Internet Traffic in mobile messaging apps

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Konupula Jithender** (086215053)

**Kothapally Karthikeya** (086215054)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.
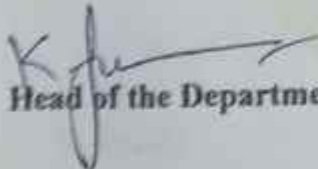
## CERTIFICATE

This is to certify that **K Jithender** and **K Karthikeya** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Service Usage Classification with Encrypted Internet Traffic in Mobile Messaging Apps"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda

**External Examiner** 6/6/23

# DECLARATION

We, the undersigned hereby declare that the project **Service usage classification with encrypted internet traffic in mobile messaging apps** with special reference to *Rapid Technologies – Hyderabad*, developed and submitted by us to **KAKATIYA UNIVERSITY**, Hanamkonda in partial fulfillments for the award of degree of **Bachelor of Computer Applications** under the guidance of **Mr. K. SRIDHAR**, is our original work and implemented by us.

Place: Hanamkonda.

Date:

K.Jithender

K. Karthikeya

# A PROJECT REPORT ON

# A SECURE PAYMENT SCHEME WITH LOW COMMUNICATION AND PROCESSING OVERHEAD FOR MULTIHOP WIRELESS NETWORK

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

**Submitted by**

K. Akhil  (086215050)

K. Prashanth  (086215049)

Under the guidance of

## Mr. K. SRIDHAR

(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakatiya University)

Hanamkonda, Telangana, India- 506001.

## CERTIFICATE

This is to certify that **K.Prashanth and K.Akhil** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"A Secure Payment Scheme With Low Communication And Processing Overhead For Multihop Wireless Network"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** record of bonafied work carried out by them under my supervision.

Head of the Department

Principal

*Principal*

VAAGDEVI DEGREE & P.G. COLLEGE

Kishanpura, Han...

External Examiner 6/6/23

realme

**Rapid Technologie**

Date: 04th May 2023

## CERTIFICATE

his is to certify that **Kasani Prashanth (086215049) & Kolluri Akhil (086215050)** of

aagdevi Degree and P.G College are involved as project trainees in the project titled "A

ecure Payment Scheme with Low Communication and Processing Overhead for

Multihop Wireless Networks" from Rapid Technologies, in partial fulfillment for the

ward of "Bachelor of Computer Applications" degree by Kakatiya University,

Hanamkonda. They have been extended access to computer systems, server access and all

he software at our development facility center. They have carried out project work during

he period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
# A JOINT TIME SYNCHRONIZATION AND LOCALIZATION FOR MOBILE UNDER WATER SENSOR NETWORKS



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**K. RAMGOPAL REDDY** (08621-5045)

**T. NAGARAJU** (08621-5093)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **K.RAMGOPAL REDDY** and **T.NAGARAJU** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"A JOINT TIME SYNCHRONIZATION AND LOCALIZATION DESIGN FOR MOBILE UNDER WATER SENSOR NETWORKS"** at Vaagdevi Degree & P.G College,Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. Co'
Kishanpura, Hanamkonc

External Examiner 6/6/23

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **K. Ramgopal Reddy (086215045) &Thota Nagaraju (086215093** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"A Joint Time Synchronization and Localization Design for Mobile Underwater Sensor Networks"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
# DETECTING STRESS BASED ON SOCIAL INTERACTIONS
# IN SOCIAL NETWORK

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**MD. Afroz** **(08621-5064)**

**M. Prem Sagar** **(08621-5062)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

Hanamkonda, Telangana, India 506001.

(Affiliated to Kakaitya University)
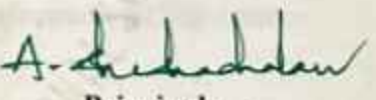
**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.
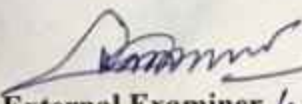
ncipal

## CERTIFICATE

This is to certify that **MD. Afroz** and **M. Prem Sagar** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Detecting Stress Based On Social Interactions in Social Network"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal,**

*Principal*

VAAGDEVI DEGREE & P.G. COLLEGE

Kishanpura, Hanamkonda.

**External Examiner** 6/6/23

**Rapid Technologies**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Mekala Prem Sagar (086215062) & Mohammad Afroz (086215064)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Detecting Stress Based on Social Interactions in Social Networks"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## Cost-Minimizing Dynamic Migration of Content
## Distribution Services in to Hybrid Clouds



Submitted to Kakatiya University

For the partial fulfillment of there quirements for the

award of the degree of

## BACHELOR OF COMPUTERAPPLICATIONS

Submitted by

**Odela Akhil (08621-5076)**

**Konda Eassai (08621-5052)**

Under the guidance of

**Mr.K.SRIDHAR**
(Head of the Department of Computer Science)



# VAAGDEVIDEGREE&P.GCOLLEGE
(Affiliated to Kakaitya University)
Hanamkonda,Telangana,India 506001.

**MARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

pal

## CERTIFICATE

This is to certify that **Odela Akhil** and **Konda Essai** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Cost-Minimizing Dynamic Migration of Content Distribution Services into Hybrid Clouds"** at Vaagdevi Degree & P.G College,Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafide work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal

VAAGDEVI DEGREE & P.G. COLLEGE

Kishanpura, Hanamkonda.

**External Examiner** 6/6/23

2

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Konda Eassai (086215052) & Odela Akhil (086215076)** of Vaagdevi **Degree and P.G College** are involved as project trainees in the project titled **"Cost-Minimizing Dynamic Migration of Content Distribution Services into Hybrid Clouds"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

3

# A PROJECT REPORT ON

## DYNAMIC FACET OREDERING FOR FACETED PRODUCTS SEARCH ENGINES

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**ELLA KIREETY (086215028)**

**PANDILLA ADARSH(086215098)**

Under the guidance of

Mr. K. SRIDHAR

(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakaitya University)

Hanamkonda, Telangana, India 506001.

Viswambhara Educational Society                                    Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

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# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

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**MARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

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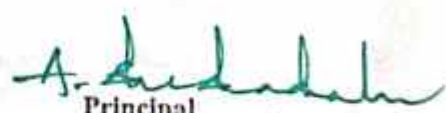
## CERTIFICATE

This is to certify that **ELLA KIREETY** and **PANDILLA ADARSH** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"DYNAMIC FACET ORDERING FOR FACETD PRODUCTS SEARCH ENGINES"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfilment of requirement for the award of the **Bachelor of Computer Applications from Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
*Principal*
**VAAGDEVI DEGREE & P.G. COLLEGE**
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04<sup>th</sup> May 2023.

# CERTIFICATE

This is to certify that **Pandilla Adarsh (086215098) & Ella Kireety (086215028)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Dynamic Facet Ordering for Faceted Product Search Engines"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# A PROJECT REPORT ON

# HETEROGENEOUS DATA STORAGE MANAGEMENT WITH DEDUPLICATION IN CLOUD COMPUTING

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**AKKINAVENI SAI KIRAN (086215003)**

**AZMEERA BALAJI(086215007)**

Under the guidance of

Mr. K. SRIDHAR

(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

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# VAAGDEVI DEGREE & P.G. COLLEGE

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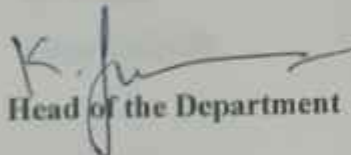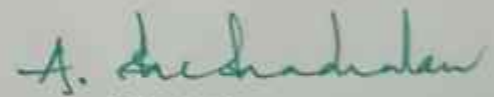
**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.
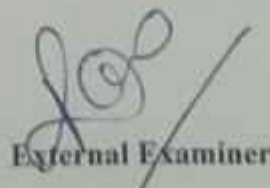
cipal

## CERTIFICATE

This is to certify that **AKKINAVENI SAI KIRAN** and **AZMEERA BALAJI** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"HETEROGENEOUS DATA STORAGE MANAGEMENT WITH DEDUPLICATION IN CLOUD COMPUTING"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Akkinaveni Sai Kiran (086215003) & Azmeera Balaji (086215007)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Heterogeneous Data Storage Management with Deduplication in Cloud Computing"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## Authenticated Key Exchange protocols for parallel Network File System



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Ankitha Patturi** (086215078)

**Pavani Surati** (086215090)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
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Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society

# VAAGDEVI DEGREE & P.G. COLLEGE

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www.vaagdevicolleges.com,     E-mail.a.schalam213@gmail.com,    principal@vaagdevicolleges.com

## Dr. AMARAVADI SHESHA CHALAM

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

Principal

## CERTIFICATE

This is to certify that **Ankitha Patturi** and **Pavani Surati** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Authenticated Key Exchange Protocols for Parallel Network File System"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Ankitha Patturi (086215078) & Surati Pavani (086215090)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Authenticated Key Exchange Protocols for Parallel Network File Systems"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## REVISITING DEFENSES AGAINST LARGE SCALE
## ONLINE PASSWORD GUESSING ATTACKS

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M. Laxmi Sharanya(HTNO:08621-5060)

P.  Sai Prasanna(HTNO:08621-5080)

Under the guidance of

Mr. K. SRIDHAR
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

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Hanamkonda, Telangana, India 506001.

**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal
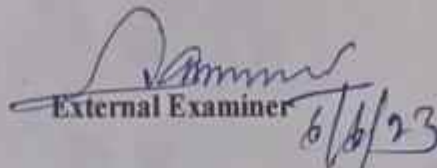
## CERTIFICATE

This is to certify that **M. Laxmi Sharanya** and **P. Sai prasanna** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"REVISITING DEFENSES AGAINST LARGE SCALE ONLINE PASSWORD GUESSING ATTACKS"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
Vaagdevi Degree & P.G. College
Kishanpura, Hanamk. ta

**External Examiner** 6/6/23

Date: 04ᵗʰ May 2023.

## CERTIFICATE

This is to certify that **Mathangi Laxmi Sharanya (086215060) & Pilli Sai Prasanna (086215080)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Revisiting Defenses against Large-Scale Online Password Guessing Attacks"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6ᵗʰ March 2023 to 4ᵗʰ May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## Secure and Efficient Handover Authentication Based on Billinear Pairing Functions



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**M. Praise regi** (086215058)

**T. Ajay Kumar** (086215095)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

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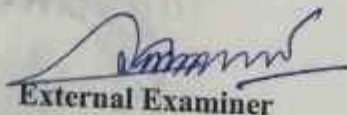
## CERTIFICATE

This is to certify that **M. Praise regi** and **T. Ajay kumar** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Secure and Efficient Handover Authentication Based on Billinear Pairing Functions"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkon

**External Examiner**

**Rapid Technologies**

Date: 04th May 2023.

# CERTIFICATE

This is to certify that **Makkal Praise Regi (086215058) & Tunga Ajay Kumar (086215095)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Secure and Efficient Handover Authentication Based on Bilinear Pairing Functions"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
# SECURE PHRASE SEARCH FOR INTELLIGENT PROCESSING OF ENCRYPTED DATA CLOUD-BASED IOT



Submitted to Kakatiya University
for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Macha Naveen Chandra (08621-5057)**

**Mittakola Sunny  (08621-5063)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE
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icipal

## CERTIFICATE

This is to certify that **Macha Naveen Chandra** and **Mittakola Sunny** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"SECURE PHRASE SEARCH FOR INTELLIGENT PROCESSING OF ENCRYPTED DATA CLOUD-BASED IOT"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. Coll--
Kishanpura, Hanamkon.

**External Examiner** 6/6/23

Date: 04ᵗʰ May 2023.

## CERTIFICATE

This is to certify that **Naveen Chandra Macha (086215057) & Mittakola Sunny (086215063)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6ᵗʰ March 2023 to 4ᵗʰ May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## SECURE REVERSIBLE IMAGE DATA HIDING OVER ENCRYPTED DOMAIN VIA KEY MODULATION



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**P. VASANTH** (086215083)

**P. PRATHYUSHA** (086215084)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)



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(2021-23)

Viswambhara Educational Society                     Ph : 0870-2455188

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**AMARAVADI SHESHA CHALAM**
M.A, P.G.C.T.E, P.G.D.T.E, Ph.D.

ipal

## CERTIFICATE

This is to certify that **P.Vasanth** and **P.Prathyusha** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Secure Reversible Image Data Hiding Over Encrypted Domain via Key Modulation"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

Head of the Department

Principal
*Principal*
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

External Examiner

Date: 04ᵗʰ May 2023.

## CERTIFICATE

This is to certify that **Polepaka Vasanthkumar (086215083) & Ponna Prathyusha (086215084)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6ᵗʰ March 2023 to 4ᵗʰ May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## Identity-Based Proxy-Oriented Data Uploading And Remote Data Integrity Checking In Public Cloud

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**CH.Sai Revanth Kumar**(086215023)

**S.Vijay Durga Prasad** (086215089)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

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Viswambhara Educational Society

# VAAGDEVI DEGREE & P.G. COLLEGE

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**AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **CH.Sai Revanth Kumar** and **S.Vijay Durga Prasad** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"IDENTITY BASED PROXY ORIENTED DATA UPLOADING AND REMOTE DATA INTEGRITY CHECKING IN PUBLIC CLOUD"** at Vaagdevi Degree & P.G College,Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
*Principal*
VAAGDEVI DEGREE & P.G. COLLE
Kishanpura, Hanamkonda.

**External Examiner**

# CERTIFICATE

This is to certify that **Sai Revanth Kumar Chinthala (086215023) & Suddapalli Vijay Durga Prasad (086215089)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# A PROJECT REPORT ON

## OPTIMISED MULTICAST ROUTING ALGORITHM BASED ON TREE STRUCTURE IN MANETs"



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**G.THARUN KUMAR**(086215036)

**G.MANOJ KUMAR**(086215034)

Under the guidance of

**Mr. K. SRIDHAR**

(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE

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Hanamkonda, Telangana, India 506001.

**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

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## CERTIFICATE
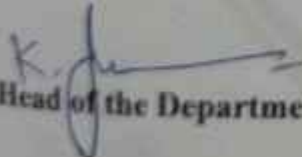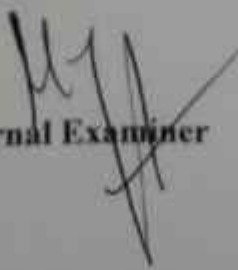
This is to certify that **G.THARUN KUMAR** and **G.MANOJ KUMAR** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"OPTIMISED MULTICAST ROUTING ALGORITHM BASED ON TREE STRUCTURE IN MANETs"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*

VAAGDEVI DEGREE & P.G. COLLEGE

#Kishanpura, Hanamkonda

**External Examiner**

Date: 04<sup>th</sup> May 2023.

# CERTIFICATE

This is to certify that **Gandi Manoj (086215034) & Godari Tarun Kumar (086215036)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Optimized Multicast Routing Algorithm Based on Tree Structure in MANETs"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## SECURE AND DEPENDABLE STORAGE SERVICES IN CLOUD COMPUTING

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

| | |
|---|---|
| **PAVAN GUNDETI** | (086215042) |
| **ARAVIND GOUDA** | (086215037) |
| **SURYAM EDUNURI** | (086215097) |

Under the guidance of

## Mr. K. SRIDHAR

(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakatiya University)

Hanamkonda, Telangana, India- 506001.

2021-23

Viswambhara Educational Society                                    Ph : 0870-2455188

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**MARAVA SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

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## CERTIFICATE

This is to certify that **PAVAN GUNDETI, ARAVIND GOUDA and SURYAM EDUNURI** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Secure and dependable storage services in cloud computing"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
Principal
VAAGDEVI DEGREE & P.G. COLLEGE ·
Kishanpura, Hanamkonda.

**External Examiner** 6/6/2022

## CERTIFICATE

This is to certify that **Aravind Gouda (086215037), Pavan Gundeti (086215042) &**

**Edunuri Suryam (086215097)** of **Vaagdevi Degree and P.G College** are involved as

project trainees in the project titled **"Secure and Dependable Storage Services In Cloud**

**Computing"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of**

**Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been

extended access to computer systems, server access and all the software at our development

facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup>

May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# A PROJECT REPORT ON

## CONTENT BASED SEARCH IN PEER TO PEER NETWORKS

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**M. Asmitha** (086215070)

**N. Keerthana** (086215073)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
(2021-23)

**Dr. AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

Principal

## CERTIFICATE

This is to certify that **M. Asmitha** and **N. Keerthana** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Content Based Search In Peer To Peer Networks"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Mulkalla Asmitha (086215070)** & **Nallabelli Keerthana (086215073)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Content-based search in peer-to-peer networks"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## NETSPAM: A NETWORK-BASED SPAM DETECTION FRAMEWORK
## ONLINE SOCIAL MEDIA



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**A. NANDINI** (08621-5008)

**P. SINDHURI** (08621-5082)

**SHEETAL KUMARI** (08621-5088)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **A.NANDINI** and **P. Sindhuri** and **Sheetal kumari** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"NETSPAM: A NETWORK BASEDSPAM DETECTION FRAMEWORK ONLINE SOCIAL MEDIA"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
*Principal*
Vaagdevi Degree & P.G. C.
Kishanpura, Hanamkonda

**External Examiner**

Rapid Technologies

Date: 04th May 2023.

# CERTIFICATE

This is to certify that **Ajmeera Nandini (086215008), Polepaka Sindhuri (086215082) &**

**Sheetal Kumari (086215088)** of **Vaagdevi Degree and P.G College** are involved as project

trainees in the project titled **"NetSpam: a Network-based Spam Detection Framework**

**for Reviews in Online Social Media"** from Rapid Technologies, in partial fulfillment for

the award of **"Bachelor of Computer Applications"** degree by Kakatiya University,

Hanamkonda. They have been extended access to computer systems, server access and all

the software at our development facility center. They have carried out project work during

the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## ENABLING CLOUD STORAGE AUDITING WITH KEY-EXPOSURE RESISTANCE

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**A.Supraja** (086215005)

**N.Ankitha** (086215074)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.

Viswambhara Educational Society

# VAAGDEVI DEGREE & P.G. COLLEGE

Accredited by NAAC with 'A' Grade

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

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Ph : 0870-2455188

**MARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

al

## CERTIFICATE

This is to certify that **A.Supraja** and **N.Ankitha** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **ENABLING CLOUD STORAGE AUDITING WITH KEY-EXPOSURE RESISTANCE** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications from Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
*Vaagdevi Degree & P.G. Cc*
*Kishanpura, Hanamkonu*

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Ankamshetti Supraja (086215005) & Naraharishetty Ankitha (086215074)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Enabling Cloud Storage Auditing With Key-Exposure Resistance"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

## CERTIFICATE

This is to certify that **Bhukya Mothilal** and **Tejavath Sagar** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Web Image Re- Ranking Using Query Specific Semantic Signatures"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. Col'
Kishanpura, Hanamkonda

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Bhukya Mothilal (086215016) & Tejavath Sagar (086215091)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Web Image Re-Ranking Using Query-Specific Semantic Signatures"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# DECLARATION

We, the undersigned hereby declare that the project " **Web Image Re-Ranking Using Query-Specific Semantic Signatures"** with special reference to *Rapid Technologies – Hyderabad*, developed and submitted by us to **KAKATIYA UNIVERSITY**, Hanamkonda in partial fulfillments for the award of degree of **Bachelor of Computer Applications** under the guidance of **Mr. K. SRIDHAR**, is our original work and implemented by us.

Place: Hanamkonda.                                                **Bhukya Mothilal**

Date:                                                            **Tejavath Sagar**

# A PROJECT REPORT ON
## CREDIBILITY EVALUATION OF TWITTER-BASED EVENT DETECTION BY A MIXING ANALYSIS OF HETEROGENEOUS DATA

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**G. SAMRAKSHANA** (086215031)

**G. LIKITHA** (086215041)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society          Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

### Accredited by NAAC with 'A' Grade

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*
# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.
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**MARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

ɔal

## CERTIFICATE

This is to certify that **G.SAMRAKASHANA** and **G.LIKITHA** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"CREDIBILITY EVALUATION OF TWITTER-BASED EVENT DETECTION BY A MIXING ANALYSIS OF HETEROGENEOUS DATA"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

**Rapid Technologies**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Gaddam Samrakshana (086215031), Gundeti Likitha (086215041)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Credibility Evaluation of Twitter-Based Event Detection by a Mixing Analysis of Heterogeneous Data"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## ONLINE STUDENT ATTENDANCE MANAGEMENT SYSTEM USING ANDROID



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Ch.Yashawini(086215022)**

**P. Ramya (086215079)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE

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Hanamkonda, Telangana, India 506001.

Viswambhara Educational Society

Ph : 0870-2455188

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*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

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NAAC

**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

ncipal

## CERTIFICATE

This is to certify that **Ch.Yashaswini**and **P.Ramya** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Online Student Attendance Management System Using Android"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Chidurala Yashaswini (086215022) & Pendli Ramya (086215079)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Online Student Attendance Management System using Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## TEXT MINING THE CONTRIBUTORS TO RAIL ACCIDENTS

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**ELLANDULA RAHUL** (086215029)

**BUSA NITHIN KUMAR**(086215020)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.
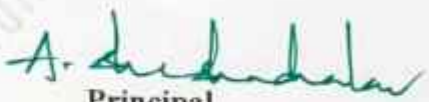
**MARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

ipal

## CERTIFICATE

This is to certify that **ELLANDULA RAHUL** and **BUSA NITHIN KUMAR** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled "**TEXT MINING THE CONTRIBUTORS TO RAIL ACCIDENTS**" at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

**External Examiner**

# CERTIFICATE

This is to certify that **Busa Nithin kumar (086215020) & Ellandula Rahul (086215029)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Text Mining the Contributors to Rail Accidents"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

# AMBULANCE BOOKING SYSTEM USING ANDROID



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**A.Devika Sri(08621-5001)**

**K.Kavya Sri(08621-5051)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE
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Hanamkonda, Telangana, India 506001.

**AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **A.Devika Sri** and **K.Kavya Sri** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"AMBULANCE BOOKING SYSTEM USING ANDROID"** at Vaagdevi Degree & P.G College,Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
*Principal*
**VAAGDEVI DEGREE & P.G. COLLEGE**
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Adla Devikasree (086215001) & Kompelly Kavya sri (086215051)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Ambulance Booking System Using Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## Identity-Based Remote Data Possession Checking In Public Clouds

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**B.Sunny(086215018)**

**MD.Adnan Sameer (086215066)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.

Viswambhara Educational Society

# VAAGDEVI DEGREE & P.G. COLLEGE

Ph : 0870-2455188

**Accredited by NAAC with 'A' Grade**

(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)

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**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D

Principal

## CERTIFICATE

This is to certify that **B.Sunny and MD.Adnan Sameer** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Identity-Based Remote Data Possession Checking In Public Clouds"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonc

**External Examiner**

Date: 04<sup>th</sup> May 2023.

# CERTIFICATE

This is to certify that **Bikkam Sunny (086215018) & Mohammed Adnan Sameer (086215066)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Identity-Based Remote Data Possession Checking in Public Clouds"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON

## ONLINE BLOOD BANK MANAGEMENT SYSTEM



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**Ch. Arjun** (086215021)

**T. charith** (86215092)

Under the guidance of

Mr. **K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
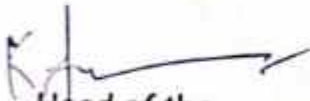Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society

# VAAGDEVI DEGREE & P.G. COLLEGE

Ph : 0870-2455188

### Accredited by NAAC with 'A' Grade

(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)
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**AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **Ch. Arjun** and **T. Charith** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled "**Online Blood Bank Management System**" at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya** University is a record of bonafied work carried out by them under my supervision.

Head of the
Department

Principal
*Principal*
**VAAGDEVI DEGREE & P.G. COLLEGE**
Kishanpura, Hanamkonda

External Examiner

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Ch. Arjun (086215021) & Thirukovaluru Charith Kumar (086215092)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Online Blood Bank Management System"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## A SECURE AND EFFICIENT DIGITAL DATA SHARING SYSTEM



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**A.Sandeep** (086215002)

**B.Karthik** (086215010)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **A.Sandeep** and **B.Karthik**students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"A SECURE AND EFFICIENT DIGITAL DATA SHARING SYSTEM"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**
Principal
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## <u>CERTIFICATE</u>

This is to certify that **Adupa Sandeep (086215002) & Baraboina Karthik Yadav (086215010)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"A Secure and Efficient Digital-Data-Sharing System for Cloud Environments"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## EFFICIENT AND PRIVACY-PRESERVING ONLINE FINGERPRINT
## AUTHENTICATION SCHEME OVER OUTSOURCED DATA

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**A.Naveen** (086215004)

**K.Sudeepa** (086215046)

Under the guidance of

Mr. K. SRIDHAR
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society            Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

**Accredited by NAAC with 'A' Grade**

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

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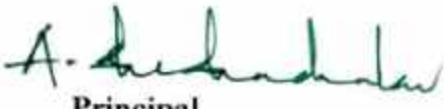
**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **A. Naveen** and **K. Sudeepa** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"EFFICIENT AND PRIVACY-PRESERVING ONLINE FINGERPRINT AUTHENTICATION   SCHEME OVER OUTSOURCED DATA"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

## CERTIFICATE

This is to certify that **Alakunta Naveen (086215004) & Kandagatla Sudeepa (086215046)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Efficient and Privacy-preserving Online Fingerprint Authentication Scheme Over Outsourced Data"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
# AUTHENTICATION BY ENCRYPTED NEGATIVE PASSWORD

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**B.Goutham(08621-5009)**

**G.Shankar(08621-5038)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **B. Goutham** and **G. Shankar** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"AUTHENTICATION BY ENCRYPTED NEGATIVE PASSWORD"** at Vaagdevi Degree & P.G College,Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

Head of the Department

Principal
Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

External Examiner

## CERTIFICATE

This is to certify that **B Goutham (086215009)** & **Gouda Shankar (086215038)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Authentication by Encrypted Negative Password"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6ᵗʰ March 2023 to 4ᵗʰ May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

A PROJECT REPORT ON

OPTIMIZING COST FOR ONLINE SOCIAL NETWORK

ON GEO-DISTRIBUTED CLOUDS



Submitted to Kakatiya University for the

partial fulfillment of the requirements for the

award of the degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

B.Nandini (08621-5011)

K.Shirisha (08621-5048)

Under the guidance of

Mr. K. SRIDHAR
(Head of the Department of Computer Science)



# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya Universit y)
Hanamkonda, Telangana, India 5 06001.

## CERTIFICATE

This is to certify that **B.Nandini** and **K.Shirisha** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"OPTIMIZING COST FOR ONLINE SOCIAL NETWORK ON GEO-DISTRIBUTED CLOUDS"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

Date: 04th May 2023.

# CERTIFICATE

This is to certify that **Bajjuri Nandini (086215011) & Kanneboiena Shirisha (086215048)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Optimizing Cost for Online Social Networks on Geo-Distributed Clouds"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## PATIENT HEALTH TRACKING USING FIREBASE AND ANDROID

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**B. Santhoshi (086215014)**

**K. ManojKumar (086215047)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

Viswambhara Educational Society

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# VAAGDEVI DEGREE & P.G. COLLEGE

**Accredited by NAAC with 'A' Grade**

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

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**A**

**NAAC**

**MARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

bal

## CERTIFICATE

This is to certify that **B. Santhoshi**and **K. Manojkumar**students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"PATIENT HEALTH TRACKING USING FIREBASE AND ANDROID"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda

**External Examiner**

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Bavanlapalli Santhoshi (086215014) & Kandakatla Manoj Kumar (086215047)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Patient Health Tracking Using firebase and Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# A PROJECT REPORT ON
# SECURE DATA SHARING IN CLOUDS



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**B. Santhosh** (086215013)

**Ch. Shekar** (086215024)

Under the guidance of

Mr. K. SRIDHAR
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **B. Santhosh** and **Ch. Shekar** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"SECURE DATA SHARING IN CLOUDS"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. College
Kishanpura, Hanamkonda

**External Examiner**

Date: 04<sup>th</sup> May 2023.

# CERTIFICATE

This is to certify that **B. Santhosh (086215013) & Ch. Shekar (086215024)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Secure Data Sharing in Clouds"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**

Project-Guide

# A PROJECT REPORT ON
## CONTENT DISTRIBUTION USING ANDROID FOR VAAGDEVI COLLEGE



Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

B. Manjunadhan **(086215017)**

M. Vishal **(086215059)**

Md. Fazaluddin **(086215065)**

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society     Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

### Accredited by NAAC with 'A' Grade
*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*
# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.
www.vaagdevicolleges.com,    E-mail:a.schalam213@gmail.com,   principal@vaagdevicolleges.com
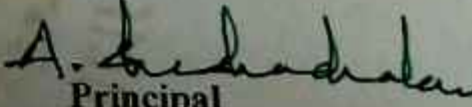
**AMARAVADI SHESHA CHALAM**
M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

cipal

## CERTIFICATE

This is to certify that **B. Manjunadhan, M. Vishal** and **MD. Fazaluddin** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled "**Content Distribution Using Android For Vaagdevi College** " at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision

**Head of the Department**

**Principal**

Principal
VAAGDEVI DEGREE & P.G. COLLEG
Kishanpura, Hanamkonda

**External Examiner**

## CERTIFICATE

This is to certify that **Bhupathi Manjunadhan (086215017), MARATI VISHAL (086215059) & Mohammad Fazaluddin (086215065)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Content Distribution using Android for Vaagdevi Colleges"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

## A PROJECT REPORT ON
## RAILWAY TICKET BOOKING SYSTEM USING ANDROID

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**B.Varun** (086215012)

**P.Ruchitha** (086215081)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE

(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.

## CERTIFICATE

This is to certify that **B.Varun** and **P.Ruchitha** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled "**Railway Ticket Booking System Using Android**" at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Bandi Varun (086215012) & Pittala Ruchitha (086215081)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Railway Ticket Booking System Using Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## A NOVEL MACHINE LEARNING ALGORITHM FOR SPAMMER IDENTIFICATION IN INDUSTRIAL MOBILE CLOUD COMPUTING

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the

award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

Bayya Uday Kiran    (086215015)

Megha Sanjay        (086215061)

Under the guidance of

Mr. K. SRIDHAR
(Head of the Department of Computer Science)

## VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakaitya University)
Hanamkonda, Telangana, India 506001.

# VAAGDEVI DEGREE & P.G. COLLEGE

**Accredited by NAAC with 'A' Grade**

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

www:vaagdevicolleges.com,     E-mail:a.schalam213@gmail.com,   principal@vaagdevicolleges.com

A

NAAC

**Dr. AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

Principal

## CERTIFICATE

This is to certify that **B. Uday Kiran** and **M. Sanjay,** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications** from **Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

*Principal*
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda.

**External Examiner**

Date: 04th May 2023.

## CERTIFICATE

This is to certify that **Bayya Uday Kiran (086215015) & Megha Sanjay (086215061)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled "A **Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing**" from Rapid Technologies, in partial fulfillment for the award of "**Bachelor of Computer Applications**" degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6th March 2023 to 4th May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide

# A PROJECT REPORT ON
## SMART WOMEN SAFETY APPLICATONUSING ANDROID

Submitted to Kakatiya University

for the partial fulfillment of the requirements for the
award of the degree of

## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

**G. Sriram** (086215040)

**B. Sruthi** (086215019)

Under the guidance of

**Mr. K. SRIDHAR**
(Head of the Department of Computer Science)

# VAAGDEVI DEGREE & P.G COLLEGE
(Affiliated to Kakatiya University)
Hanamkonda, Telangana, India 506001.
(2021-23)

Viswambhara Educational Society      Ph : 0870-2455188

# VAAGDEVI DEGREE & P.G. COLLEGE

**Accredited by NAAC with 'A' Grade**

*(Approved by A.I.C.T.E., New Delhi & Affiliated to Kakatiya University)*

# 2-2-457/A, Kishanpura, Hanamkonda - 506 001, Warangal, T.S.

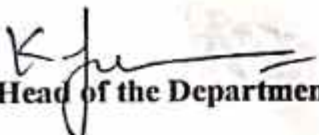www:vaagdevicolleges.com,    E-mail:a.schalam213@gmail.com,    principal@vaagdevicolleges.com
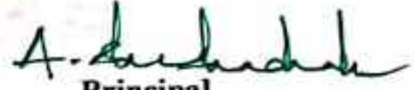
**AMARAVADI SHESHA CHALAM**

M.A., P.G.C.T.E., P.G.D.T.E., Ph.D.

incipal

## CERTIFICATE

This is to certify that **G. Sriram** and **B. Sruthi** students of Bachelor of Computer Applications, Vaagdevi Degree & P.G College affiliated to Kakatiya University have successfully completed the project entitled **"Smart Women Safety Application using Android"** at Vaagdevi Degree & P.G College, Hanamkonda in partial fulfillment of requirement for the award of the **Bachelor of Computer Applications from Kakatiya University** is a record of bonafied work carried out by them under my supervision.

**Head of the Department**

**Principal**

Principal
Vaagdevi Degree & P.G. Co
Kishanpura, Hanamkonda

**External Examiner**

Rapid Technologies

Date: 04<sup>th</sup> May 2023.

## CERTIFICATE

This is to certify that **Bollaju Sruthi (086215019) & Gugulothu Sriram (086215040)** of **Vaagdevi Degree and P.G College** are involved as project trainees in the project titled **"Smart Women Safety Application using Android"** from Rapid Technologies, in partial fulfillment for the award of **"Bachelor of Computer Applications"** degree by Kakatiya University, Hanamkonda. They have been extended access to computer systems, server access and all the software at our development facility center. They have carried out project work during the period 6<sup>th</sup> March 2023 to 4<sup>th</sup> May 2023 under our guidance and supervision.

This project was developed and tested successfully at our development facility center.

**K. RAJU**
Project-Guide