

The project report on

**CYBER THREAT DETECTION BASED ON ARTIFICIAL
NEURAL NETWORKS USING EVENT PROFILES**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

B. AJAY (Y21CS110002)



Under the esteemed guidance of

Ms. D. Swetha

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE
KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled “**CYBER THREAT DETECTION BASED ON ARTIFICIAL NEURAL NETWORKS USING EVENT PROFILES**” was done by **B. AJAY (Y21CS110002)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of “**MASTERS DEGREE IN COMPUTER SCIENCE**”.

Project Guide:

Ms. D. SWETHA

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR

Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR

External Examiner

ACKNOWLEDGEMENT

I sincerely thank the following distinguished personalities who have given their advice and support for successful completion of this work.

I would like to thank **Dr. M. Ravi Kumar**, Principal, TRR GDC & PG College, Kandukur for providing the online resources and allowed to carry out this work.

I extended my sincere thanks to **Dr. J. Hanumantha Rao**, Head of the Dept. for extending his cooperation and providing the required resources.

I indebted to my project guide **Ms. D. Swetha**, Lect. In Dept of CS for her valuable and inspiring guidance, comments, suggestions and encouragements.

I extend my sincere thanks to all other teaching and non-teaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:
B. AJAY (Y21CS110002).

DECLARATION

This is to declare that the project title **“CYBER THREAT DETECTION BASED ON ARTIFICIAL NEURAL NETWORKS USING EVENT PROFILES”** at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of **“MASTERS DEGREE IN COMPUTER SCIENCE”**.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.



B. AJAY (Y21CS110002)

The project report on

**CLASSIFYING FAKE NEWS ARTICLES USING NATURAL LANGUAGE
PROCESSING IDENTIFY IN-ARTICLE ATTRIBUTION AS A SUPERVISED
LEARNING ESTIMATOR**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

BANDARAPU YESU RAJU

(Y21CS110005)



Under the esteemed guidance of

Dr. J. HANUMANTHA RAO

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE (PG)

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE (PG)

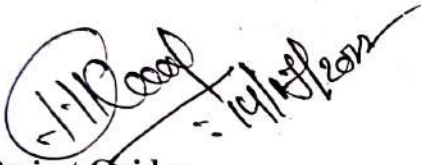
T.R.R GOVERNMENT DEGREE & PG COLLEGE

KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled "CLASSIFYING FAKE NEWS ARTICLES USING NATURAL LANGUAGE PROCESSING IDENTIFY IN-ARTICLE ATTRIBUTION AS A SUPERVISED LEARNING ESTIMATOR" was done by BANDARAPU YESU RAJU (Y21CS110005) during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "MASTERS DEGREE IN COMPUTER SCIENCE".


14/07/2022

Project Guide:

Dr. J. HANUMANTHA RAO
Lecturer in Dept. of CS (PG)
TRR GDC & PG COLLEGE

KANDUKUR


14/07/2022

Head of the Department:

Dr. J. HANUMANTHA RAO
Lecturer in Dept. of CS (PG)
TRR GDC & PG COLLEGE

KANDUKUR


External Examiner

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Project Associates:

BANDARAPU YESU RAJU,

(Y21CS110005).

DECLARATION

This is to declare that the project title "CLASSIFYING FAKE NEWS ARTICLES USING NATURAL LANGUAGE PROCESSING IDENTIFY IN-ARTICLE ATTRIBUTION AS A SUPERVISED LEARNING ESTIMATOR" at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "MASTERS DEGREE IN COMPUTER SCIENCE".

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B. Yesu Raju

BANDARAPU YESU RAJU,

(Y21CS110005).

The project report on
**DEEP LEARNING FOR MONITORING DRIVERS
DISTRACTION FROM PHSIOLOGICAL AND VISUAL
SIGNALS**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of
MASTERS DEGREE IN COMPUTER SCIENCE

BY

GONTLA SIVAKRISHNA

(Y21CS110007)



Under the esteemed guidance of

MR. T.HARISH BABU

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE (PG)
T.R.R GOVERNMENT DEGREE & PG COLLEGE
(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE (PG)
T.R.R GOVERNMENT DEGREE & PG COLLEGE
KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled "**DEEP LEARNING FOR MONITORING DRIVERS DISTRACTION FROM PHSIOLOGICAL AND VISUAL SIGNALS**" was done by **GONTLA SIVAKRISHNA (Y21CS110007)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

T. Harish

Project Guide:

Mr. T.HARISH BABU

Lecturer in Dept. of CS (PG)

TRR GDC & PG COLLEGE

KANDUKUR

J. Hanumantha Rao

Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS (PG)

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KANDUKUR

P. J. S. Murthy
External Examiner

ACKNOWLEDGEMENT

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Project Associates:
GONTLA SIVAKRISHNA,
(Y21CS110007).

DECLARATION

This is to declare that the project title "**DEEP LEARNING FOR MONITORING DRIVERS DISTRACTION FROM PHSIOLOGICAL AND VISUAL SIGNALS**" at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

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GONTLA · SIVAKRISHNA
GONTLA SIVAKRISHNA,

(Y21CS110007).

The project report on
**HOW TO CREATE SEARCH ENGINE USING WEB
TECHNOLOGY**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY
In partial fulfillment of the requirements for the award of
MASTERS DEGREE IN COMPUTER SCIENCE

BY

E. Prasanna Kumar (Y21CS110006)



Under the esteemed guidance of

Mr. T. Harish Babu

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE
(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE
KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled “**HOW TO CREATE SEARCH ENGINE USING WEB TECHNOLOGY**” was done by **E. Prasanna Kumar (Y21CS110006)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of “**MASTERS DEGREE IN COMPUTER SCIENCE**”.

T. Harish

Project Guide:

Mr. Harish Babu
Lecturer in Dept. of CS
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J. Hanumantha Rao
24/10/2022

Head of the Department:

Dr. J. HANUMANTHA RAO
Lecturer in Dept. of CS
TRR GDC & PG COLLEGE
KANDUKUR

P. N. N. N. N.
External Examiner

ACKNOWLEDGEMENT

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Project Associates:

E. Prasanna Kumar

(Y21CS110006).

DECLARATION

This is to declare that the project title "**HOW TO CREATE SEARCH ENGINE USING WEB TECHNOLOGY**" at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

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E. Prasanna Kumar

E. Prasanna Kumar

(Y21CS110006).

The project report on
BANK LOAN PREDICTION

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of
MASTERS DEGREE IN COMPUTER SCIENCE

BY

B. SARIKA (Y21CS110004)



Under the esteemed guidance of

Ms. D. Swetha

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE
KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled "**BANK LOAN PREDICTION**" was done by **B. SARIKA (Y21CS110004)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

Project Guide:

Ms. D. SWETHA

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR

Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR

External Examiner

ACKNOWLEDGEMENT

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I would like to thank **Dr. M. Ravi Kumar**, Principal, TRR GDC & PG College, Kandukur for providing the online resources and allowed to carry out this work.

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Project Associates:
B. SARIKA (Y21CS110004).

DECLARATION

This is to declare that the project title "**BANK LOAN PREDICTION**" at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

B. SARIKA

B. SARIKA (Y21CS110004)

A project report on
**IPATH: IPATH INFERENCE IN
WIRELESS SENSOR NETWORKS**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfilment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

J. CHINNAMMAI (Y21CS110008)



Under the esteemed guidance of

Ms. D. SWETHA

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE

KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bonafide record of the project work entitled “**IPATH: IPATH INFERENCE IN WIRELESS SENSOR NETWORKS**” done by **J. CHINNAMMAI (Y21CS110008)** during the academic year 2020-2022 in partial fulfilment of the requirements for the award of “**MASTERS DEGREE IN COMPUTER SCIENCE**”.


Project Guide:

Ms. D. SWETHA

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR

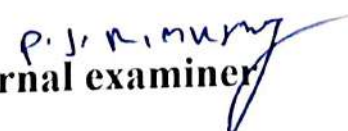

Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR


External examiner

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I extend my sincere thanks to all other teaching and non-teaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:
J. CHINNAMMAI (Y21CS110008).

DECLARATION

I JADA CHINNAMMAI (Y21CS110008) here by declare that the project entitled **“IPATH: IPATH INFERENCE IN WIRELESS SENSOR NETWORKS”** at TRR GDC & PG College has been submitted by me during the academic year 2020-2022 in partial fulfilment of the requirements for the award of **“MASTERS DEGREE IN COMPUTER SCIENCE”**.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

J. Chinnammai
JADA CHINNAMMAI

(Y21CS110008)

A project report on
**IMPROVING SECURITY AND PRIVACY ATTRIBUTE-BASED DATA
SHARING IN CLOUD COMPUTING**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfilment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

KALLAGUNTA MADHURI (Y21CS110009)



Under the esteemed guidance of

Dr. J. HANUMANTHA RAO

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

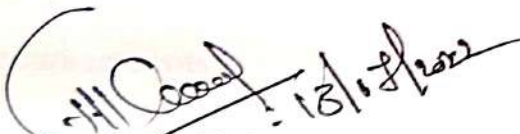
DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE

KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bonafide record of the project work entitled "IMPROVING SECURITY AND PRIVACY ATTRIBUTE-BASED DATA SHARING IN CLOUD COMPUTING" done by KALLAGUNTA MADHURI (Y21CS110009) during the academic year 2020-2022 in partial fulfilment of the requirements for the award of "MASTERS DEGREE IN COMPUTER SCIENCE".


Project Guide:

Dr. J. HANUMANTHA RAO
Lecturer in Dept. of CS
TRR GDC & PG COLLEGE
KANDUKUR


Head of the Department:

Dr. J. HANUMANTHA RAO
Lecturer in Dept. of CS
TRR GDC & PG COLLEGE
KANDUKUR

External examiner

ACKNOWLEDGEMENT

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I indebted to my project guide **Dr. J. Hanumantha Rao**, Lect. In Dept of CS for his valuable and inspiring guidance, comments, suggestions and encouragements.

I extend my sincere thanks to all other teaching and nonteaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:

K. MADHURI (Y21CS110009).

DECLARATION

I KALLAGUNTA MADHURI (Y21CS110009) here by declare that the project entitled “**IMPROVING SECURITY AND PRIVACY ATTRIBUTE-BASED DATA SHARING IN CLOUD COMPUTING**” at TRR GDC & PG College has been submitted by me during the academic year 2020-2022 in partial fulfilment of the requirements for the award of “**MASTERS DEGREE IN COMPUTER SCIENCE**”.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

K. Madhuri

KALLAGUNTA MADHURI

(Y21CS110009)

AVOIDING DUPLICATION OF RESUMES BY USING QR CODE TECHNOLOGY

*A Project report submitted to Acharya Nagarjuna University, Guntur in the
partial fulfillment for the award of the Degree of*

MASTER OF COMPUTER SCIENCE

(2020-2022)

Submitted

by

N.IJAK (Y21CS110010)



**Under the esteem guidance of
Dr.J.HANUMANTHA RAO**

Lecturer in

**MASTER OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & P.G.COLLEGE
(Affiliated to Acharya Nagarjuna University, Guntur)
KANDUKUR-5231-5, A.P.
2020-2022**

T.R.R GOVERNMENT DEGREE & PG COLLEGE
(Affiliated to Acharya Nagarjuna University, Guntur)
KANDUKUR-523105, A.P.



MASTER OF COMPUTER SCIENCE

BONAFIED CERTIFICATE

This is to certify that the project entitled "Avoiding Duplication of Resumes by Using QR Code Technology" is a bonafied work of N.IJAK (Y21CS110010)

in the partial fulfillment of the requirement for the award of the degree of MASTER OF COMPUTER SCIENCE and for the academic year 2020-2022. This work is done under my supervision and guidance.

Project Guide:
Dr.J.HANUMANTHA RAO
Lecturer in Dept. of CS
TRR GDC & PG COLLEGE
KANDUKUR

Head of the Department:
Dr.J.HANUMANTHA RAO
Lecturer in Dept. of CS
TRR GDC & PG COLLEGE
KANDUKUR

External Examiner

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Project Associates:

N.IJAK.
(Y21CS110010).

DECLARATION

This is to declare that the project title "*Avoiding Duplication of Resumes by Using QR Code Technology*" at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

N. Ijak

N.IJAK
(Y21CS110010).

A project report on
**PREDICTING STOCK MARKET TRENDS USING MACHINE
LEARNING AND DEEP LEARNING ALGORITHMS VIA
CONTINUOUS AND BINARY DATA; A COMPARITIVE ANALYSIS**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfilment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

NYNALA YAMINI (Y21CS110011)



Under the esteemed guidance of

Dr. J. HANUMANTHA RAO

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE

T.R.R GOVERNMENT DEGREE & PG COLLEGE

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

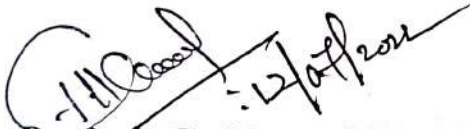
DEPARTMENT OF COMPUTER SCIENCE
T.R.R GOVERNMENT DEGREE & PG COLLEGE

KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bonafide record of the project work entitled "PREDICTING STOCK MARKET TRENDS USING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS VIA CONTINUOUS AND BINARY DATA; A COMPARATIVE ANALYSIS" done by NYNALA YAMINI (Y21CS110011) during the academic year 2020-2022 in partial fulfilment of the requirements for the award of "MASTERS DEGREE IN COMPUTER SCIENCE".


Project Guide:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR



Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS

TRR GDC & PG COLLEGE

KANDUKUR


External examiner

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I extend my sincere thanks to all other teaching and nonteaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:

N. YAMINI (Y21CS110011).

DECLARATION

I NYNALA YAMINI (Y21CS110011) here by declare that the project entitled “PREDICTING STOCK MARKET TRENDS USING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS VIA CONTINUOUS AND BINARY DATA; A COMPARATIVE ANALYSIS” at TRR GDC & PG College has been submitted by me during the academic year 2020-2022 in partial fulfilment of the requirements for the award of “MASTERS DEGREE IN COMPUTER SCIENCE”.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

N. Yamini
NYNALA YAMINI

(Y21CS110011)

The project report on

**DESIGNING SECURE AND EFFICIENT BIOMETRIC-
BASED SECURE ACCESS MECHANISM FOR CLOUD
SERVICES**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

A. GOPI (Y21CS110001)



Under the esteemed guidance of

Ms. D. SWETHA

Lecturer in

DEPARTMENT OF COMPUTER SCIENCE (PG)
T.R.R GOVERNMENT DEGREE & PG COLLEGE
(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR-523105

2020-2022

DEPARTMENT OF COMPUTER SCIENCE (PG)
T.R.R GOVERNMENT DEGREE & PG COLLEGE
KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled "**DESIGNING SECURE AND EFFICIENT BIOMETRIC- BASED SECURE ACCESS MECHANISM FOR CLOUD SERVICES**" was done by **A. GOPI (Y21CS110001)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "MASTERS DEGREE IN COMPUTER SCIENCE".

Project Guide:

Ms. D. Swetha

Lecturer in Dept. of CS (PG)

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Head of the Department:

Dr. J. HANUMANTHA RAO

Lecturer in Dept. of CS (PG)

TRR GDC & PG COLLEGE

KANDUKUR

External Examiner

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I would like to thank **Dr. M. Ravi Kumar**, Principal, TRR GDC & PG College, Kandukur for providing the online resources and allowed to carry out this work.

I extended my sincere thanks to **Dr. J. Hanumantha Rao**, Head of the Dept. for extending his cooperation and providing the required resources.

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I extend my sincere thanks to all other teaching and non-teaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:
A. GOPI (Y21CS110001).

DECLARATION

This is to declare that the project title **“DESIGNIG SECURE AND EFFICIENT BIOMETRIC- BASED SECURE ACCESS MECHANISM FOR CLOUD SERVICES”** at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of **“MASTERS DEGREE IN COMPUTER SCIENCE”**.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

A. GOPI
A. GOPI (Y21CS110001)

The project report on

**PRIVACY-PRESERVING MEDIA SHARING WITH
SCALABLE ACCESS CONTROL AND SECURE
DEDUPLICATION IN MOBILE CLOUD COMPUTING**

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of

MASTERS DEGREE IN COMPUTER SCIENCE

BY

SIDDAPURAPU BALAJI

(Y21CS110012)



Under the esteemed guidance of

Mr. T.HARISH BABU

Lecturer in

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T.R.R GOVERNMENT DEGREE & PG COLLEGE

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KANDUKUR-523105

DEPARTMENT OF COMPUTER SCIENCE (PG)
T.R.R GOVERNMENT DEGREE & PG COLLEGE

KANDUKUR-523105



CERTIFICATE

This is to certify that it is a bona-fide work entitled "**PRIVACY-PRESERVING MEDIA SHARING WITH SCALABLE ACCESS CONTROL AND SECURE DEDUPLICATION IN MOBILE CLOUD COMPUTING**" was done by **S. BALAJI (Y21CS110012)** during the academic year 2020-2022 in partial fulfillment of the requirements for the award of "**MASTERS DEGREE IN COMPUTER SCIENCE**".

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13/11/2021

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I extended my sincere thanks to **Dr. J. Hanumantha Rao**, Head of the Dept. for extending his cooperation and providing the required resources.

I indebted to my project guide **Mr. T.HARISH BABU**, Lect. In Dept of CS (PG) for her valuable and inspiring guidance, comments, suggestions and encouragements.

I extend my sincere thanks to all other teaching and non-teaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

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DECLARATION

This is to declare that the project title **“PRIVACY-PRESERVING MEDIA SHARING WITH SCALABLE ACCESS CONTROL AND SECURE DEDUPLICATION IN MOBILE CLOUD COMPUTING”** at TRR GDC & PG College has been presented by us during the academic year 2020-2022 in partial fulfillment of the requirements for the award of **“MASTERS DEGREE IN COMPUTER SCIENCE”**.

I also declare that this project is the result of my own efforts and that has been submitted to any other universities for the award of degree or diploma.

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SIDDAPURAPU BALAJI,

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The project report on
TWO FACTOR DATA SECURITY PROTECTION
MECHANISM FOR CLOUD STORAGE SYSTEM

Submitted to

ACHARYA NAGARJUNA UNIVERSITY

In partial fulfillment of the requirements for the award of
MASTERS DEGREE IN COMPUTER SCIENCE

BY

G. ANJALI (Y18CS23009)



Under the esteemed guidance of

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2017-2019

DEPARTMENT OF PG (COMPUTER SCIENCE)
BAPATLA ENGINEERING COLLEGE
BAPATLA-522101



CERTIFICATE

This is to certify that it is a bona-fide work entitled “ **TWO FACTOR DATA SECURITY PROTECTION MECHANISM FOR CLOUD STORAGE SYSTEM** “ was done by **G.ANJALI (Y18CS23009)** during the academic year 2018-2019 in partial fulfillment of the requirements for the award of “**MASTERS DEGREE IN COMPUTER SCIENCE**”.

Farhad Sultana
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External Examiner

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I extend my sincere thank to all other teaching and non-teaching staff of the department and who helped directly or indirectly for their cooperation of this project work.

Project Associates:

G. ANJALI (Y18CS23009).

DECLARATION

This is to declare that the project title **“TWO FACTOR DATA SECURITY PROTECTION MECHANISM FOR CLOUD STORAGE SYSTEM”** at Bapatla Engineering College has been presented by us during the year 2017 – 2019 in partial fulfillment of the requirements for the award of **“MASTERS DEGREE IN COMPUTER SCIENCE “**.

I also declare that this project is the result of my own efforts and that has not been submitted to any other universities for the award of degree or diploma.

G. ANJALI (Y18CS23009).