(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada Vinukonda Road, Petlurivaripalem(V), Palnadu District - 522 601, A.P. India



CERTIFICATE

This is to certify that the project report entitled "SURVEY ON FAKE PROFILE DETECTION ON SOCIAL SITES BY USING MACHINE LEARNING ALGORITHM" being submitted by

K.GEETHA	19HM1A0532
B.ANITHA	19HM1A0505
D.TEJASWINI	19HM1A0519
K.BHARAT KUMAR	19HM1A0534
T.VENKATA RAO	19HM1 +0572

In partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by time under my guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

Mr.CH.KISHORE M.Tech

Assa Proffesor

A.M REDDY MEMORIAL COLLEGE OF RING & TECHNOLOGY

Ar. V.V.B CHARI MINE

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EXTERNAL EXAMINE

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Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, Petlurivaripalem(V), Palnadu District – 522 601, A.P, India



CERTIFICATE

This is to certify that the project report entitled "DROWSINESS DETECTION

OF A DRIVER USING CONVENTIONAL COMPUTER VISION

APPLICATION" being submitted by

P.SRAVANTHI 19HM1A0559
M.PRASANTH 19HM1A0547
SD.ZAMEER 19HM1A0572
C.ARAVIND 19HM1A0515
R.CHAITANYA 19HM1A0563

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Mr. and

GUIDANCE

Mrs.SHAIK ARIFA (M. Tech)

A Asst.Prof

XFERNAL EXAMINE

HEAD OF DEPARTEMENT Mr.V.V.B.CHARI(M.Tech)

Asst.Prof

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
A.M. REDDY MEMORIAL COLLEGE OF ENGS & TECH

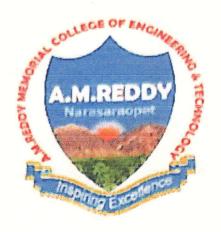
PETLURIVARIPALEM Narasaraopet (Md.), Gunter (Dr.)

Viva voice held on

AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALT

Marasaraopet (MdI), Guntur,

Approved by AICTE, NewDelhi, Affiliated to JNTU, Kakinada) Vinukonda Road, Petlurivaripalem(V), PalnaduDistrict-522601, AP



CERTIFICATE

This is to certify that the Project Report titled "CONSTRUCTION SITE ACCIDENT ANALYSIS USING TEXT MINING AND NATURAL LANGUAGE PROCESSING TECHNIQUES

submitted by

P. ANGEL

19HM1A0560

J. SUSEELA

19HM1A0527

V. MAHALAKSHMI

19HM1A0577

CH. DANALAKSHMI

19HM1A0517

K. TRIVENI

19HM1A0537

Students of B.Tech (CSE), in partial fulfillment of the requirements for the award

The degree of Bachelor of Technology in Computer Science and Engineering is a

record ofbona fide work carried out by them under my supervision. The matter embodied in this reporthas not been submitted to any other University or Institution for the award of any

otherdegree.

COMPUTER SCIENCE & ENGINEERING

Junal

V. V. B CHARI M. Tech. Assistant professor

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaraoper (Mdl), Gunturgot,

V.V.B CHARI M.Tech

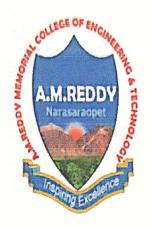
External Examiner

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PETLUKIVARI PALEM

Marasaraopet (Mdl), Gunturi Dr.

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, Petlurivaripalem(V), Palnadu District – 522 601, A.P, India



CERTIFICATE

This is to certify that the project report entitled "FEATURE ENGINEERING FOR SEARCH ADVERTISING RECOGNITION" being submitted by

S. AKHILA	19HM1A0568
K. MOUNIKA	19HM1A0531
S. МАМАТНА	19HM1A0565
S. AHALYA	19HM1A0567
S. GOWSYA	19HM1A0570

in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

HEAD OF THE DEPARTMENT COMPUTED 30 STATES AS A STATE OF THE DEPARTMENT.

COMPUTER SCIENCE & ENGINEERING

A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING

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Narasaret J.O.D.), Gunter (DL).

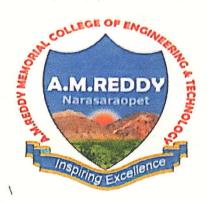
AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM

Narasaraopet (Mdl), Guntur(Dt

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaranpet (Mdl), Guntur(Dt

2

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada) Vinukonda Road, Petlurivaripalem(V), Palnadu District – 522 601, A.P. India



CERTIFICATE

This is to certify that the project report entitles "EXERCISE RECOMMENDATION

METHOD BASED ON MACHINE LEARNING " being submitted by

EDIGA NARENDRA

19HM1A0520

MUKTHAPURAM SANGEETHA

19HM1A0550

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19HM1A0551

PALAM RAJASEKHAR REDDY

19HM1A0556

-TALATALA GEETHASRAVANTHI

19HM1A0574

In partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of Bonafede work carried out by him under my guidance and supervision.

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AMVEDOVINB CHARI M. Tech
PETLURIV Axis Profesor

Narasaraopet (Md.) Gun'er

MRS.SHAIK ARIFA MCA

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY

EXTERNAL EXAMINE

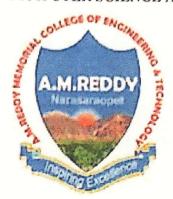
PETLURIVARI Naraseraopet (Ndl), Gur

PEME UNE NAME OF THE PROPERTY.

Narasaraopet (MdB.Guntur, Or

Viva voice held on:

(Approved by AICTE, New Delhi Affiliated to JNTU, Kakinada, Narsaraopet-522601, AP) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is certify that the project Report titled "PREDICTING HEART DISEASE AT EARLY STAGES USING MACHINE LEARNING:ASURVEY" is submitted by is bonafide work of bearing Regd. No.'s

B.NAVYA SREE	19HM1A0507
A.SIVA PRASAD	19HM1A0502
B.SURYA NARAYANA	19HM1A0506
K.BHARATHI	19HM1A0530
L.NARESH	19HM1 A0540

Students of B. Tech(CSE), submitted in partial fulfillment of the requirements for the award of the degree of Bachelor Of Technology in Computer Science And Engineering In A.M. Reddy Memorial College Of Engineering And Technology, Affiliated to Jawaharlal Nehru Technological University, Kakinada carried out by his under our guidance and Supervision from 2019-2023.

The results presented in this thesis have been verified and are found to be Satisfactory. The results embodied in this thesis have not been submitted to any other SHITE ERING & TECHNOLOGY university for the award of any other degree outer

EXTERNAL EXAMINE

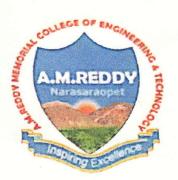
A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY

PETLUPINATI

Narasar.

ii

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, Petlurivaripalem(V), Palnadu District - 522 601, A.P. India



CERTIFICATE

This is to certify that the project report entitled "AUTOMATED HAND GESTURE RECOGNIZATION USING DEEP CONVOLUTIONAL NEURAL NETWORK MODEL* being submitted by

> R.GOPI 19HM1A0564 A.V HEMANTH 19HM1A0503 CH.SAI KUMAR 19HM1A0514 K.RADHIKA 19HM1A0529 G.SUSHMA CHOWDHARY 19HM1A0521

in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

N-Antu Guided by:

Mr.N.ANJINEYULU Assoc.Proff

Mr. V.V.B Chari M.Tech

Adl), Gunty Dr. Jy.

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External Examiner

LM REdiringipa NAL COLLEGE OF INGINEERING & TECHNOLOGY PETLURIVARI PALEM

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Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, Petlurivaripalem(V), Palnadu District - 522 601, A.P, India



CERTIFICATE

This is to certify that the project report entitled "5G SMART DIABETES: TOWARD PERSONAILIZED DIABETES DIAGNOSIS WITH HEALTHCARE BIG DATA **CLOUDS** " being submitted by

I. MARIYA RAJU	19HM1A0526
M MEGHANA	19HM1A0549
G.LOKESH	19HM1A0524
K.NANDHANA JYOTHI	19HM1A0536
T.GEETHA RAMYA	19HM1A0576

in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

Guided by

(Ph.D] M.Tech

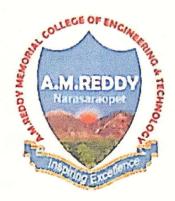
Mr. V.V.B Chari M.Tech

Assoc.Proff

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ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada Vinukonda Road, Petlurivaripalem(V), PalnaduDistrict-522601, AP



CERTIFICATE

This is to certify that the Project Report titled "TECHNIQUES FOR

SENTIMENT ANALYSIS" is submitted by

O. PUSHPA RANI 19HM1A0554

P. PAVITHRA 19HM1A0561

N. VENNELA 19HM1A0553

B. SHARON PUSHPA 19HM1A0513

G. SIRISHA 19HM1A0522

Students of B. Tech (CSE), in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a record of bona fide work carried out by them under my supervision. The matter embodied in this report has not been submitted to any other University or Institution for the award of any other degree.

Internal Juide

Principal

A.M REDDY MEMORIAL COLLEGE OF

PETLURIVARI PALEM

Narasaraopet (MdI), Guntur(Dt .

THE DEPARTMENT

THE DEPARTMENT & ENGINEERING

PETLURIVARIPALEM

Mr.V. Viar Shatti

External Examiner

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM

Narasaraopet (Mdl), Guntur (Bt.,

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CERTIFICATE

This is to certify that the project report entitled "A CONVOLUTIONAL NEURAL NETWORK METHOD FOR SELF-DRIVING CARS" being submitted by

M.MEGHANA

19HM1A0544

B.GANGADHAR

19HM1A0509

M.PRAMOD KUMAR

19HM1A0546

P.SUBBARAO GUPTHA

19HM1A0558

S.RAMADEVI

19HM1A0569

in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision.

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Guide

ANTHI Assistant. Professor

Principal

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM

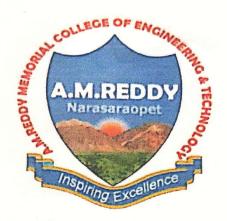
Narasaraopet (Mdl), Guntur(Dt

HEAD OF THE DEPARTMEN SMINERE & ENGINEERING MORIAL COLLEGE OF ENCOR TECH

PETLURIVARIPALEM saraopa! (定), Guntur (n)

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada Vinukonda Road, Petlurivaripalem(V), Palnadu District – 522601, A.P, India



CERTIFICATE

This is to certify that the project report entitled "BLOCK CHAIN AND MACHINE LEARNING IN HEALTHCARE AND MANAGEMENT" being submitted by

M.PREMAKUMARI	19HM1A0541
P.HEMALATHA	19HM1A0562
CH.ANUSHA	19HM1A0518
B.HEMALATHA	19HM1A0512
M.PRASANTH	19HM1A0545

In partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafide work carried out by him under my guidance and supervision.

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Mr. V.V.B.CHARI M.Tech

EXTERNAL EXAMINE

Viva voice held on MEMORIAL COLLEGE OF

ENGINEERING & TECHNOLOGY PETLURIVARI PALEM

Narasaraopet (MdI), Guntur(Dt ...

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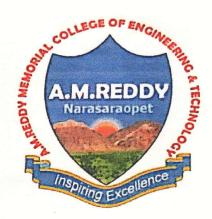
AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PEYLURIVARI PALEM METASSTAOPET (Mdl), Guminicht Metasstaopet (Mdl), Mdl), Metasstaopet (Mdl), Mdl), Md

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PETLURIVARIPALEM

Guntur (DE)

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, Petlurivaripalem(V), Palnadu District-522601, A.P., India



CERTIFICATE

This is to certify that the project report entitled "E-COMMERCE SALES

FORECAST BASED ON ENSEMBLE LEARNING" being submitted

By

P.CHEENA KESHAVA	19HM1A0557
C.BINDU	19HM1A0516
A.SANJAY	19HM1A0504
B.KISHORE	19HM1A0508
B.SOMANATH	19HM1A0510

In partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision.

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GUIDANCE NAME

Mr. N.ANJINEYULU M.Tech[PH.D]
Asst.Professor

EXTERNAL EXAMINE

Mr. V. B. CHARL M. Tech G

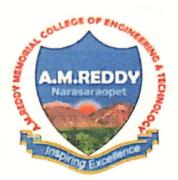
DON MENORAL COAsst.Professor TEDA PETLURIVARIFALEM

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Viva voice held on

AMREDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaraopet (Mdi), Guntur DE) MREDDY NEMORIAL EDILES MENGINEERING TECHNOLS MENGINEERING TECHNOLS MENGINEERING TECHNOLS MENGINEERING MENGINE

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Vinukonda Road, petlurivaripalem(V), Palnadu District – 522 601, A.P. India



CERTIFICATE

This is to certify that the project report entitled "CYBERBULLING DETECTION:

AN ENSEMBLE BASED MACHINE LEARNING APPROACHES" being

submitted By

M.REVATHI	19HM1A0543
G.ASWINI	19HM1A0525
S,SRUTHI	19HM1A0566
J.NAGABABU	19HM1A0524
K.SURENDRA	19HM1A0539

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GUIDED BY

Mr. Ch.Kishore M.Tech Asst.proff

Principal

AMREDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaraopsi (Mdl), Guntur Di COUNTEAD DO D

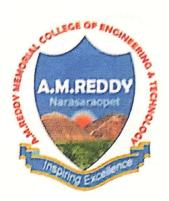
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PETLURASSEPTON

Narasaraopet (tid.), Guntor (OL)

EXTERNAL EXAMINER

A.M. REDDY MEMORIAL COLLEGE C.
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM 2
Narasaraopet (MdI), Guntur (Pt.)

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CERTIFICATE

This is to certify that the project report entitled "ANALYZING SOFTWARE

COMPLEXITIES BY APPLYING DATA STRUCTURE METRICES ON DIFFERENT PROGRAMMING LANGUAGES" being submitted by

B. DIVYASREE	19HM1A0511
M.NAMRATHA	19HM1A0548
P. DINESH REDD	Y 19HM1A0555
K. SHIVA KUMAI	R 19HM1A0535
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in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafide work carried out by him under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

Guided By AA (L.)
Mr. M. RAVINDRA BABU M. Tech
Asst.Professor

V.V.B. CHARI M. Tech

PETLUR

External Examiner

radios a Vivin

Principal Principal

MREDDY MEMORIAL COLLEGE OF VIGINEERING & TECHNOLOGY PETLURIVARI PALEM

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A.M REDITATION & TECHNOLOGY ENGINEERING & TECHNOLOGY

PETLURIVARI PALEM