



V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

(An ISO 9001:2015 certified institute)

Gudivada, Krishna District, Andhra Pradesh – 521301

Mobile: +91 92465 42188/91546 05555 E mail: principalnh2008@gmail.com URL : <http://www.vkrvnbcoe.org>

DEPARTMENT OF CIVIL ENGINEERING

PROJECT TITLES

S.NO.	REGD NO	TITLE OF THE PROJECT
1	21NH5A0102	An Experimental Approach On Strength Parameters Of Blended Concrete With Partial Replacement Of Cement With Slag Cement And Fine Aggregates With Quarry Dust For M-40 Grade Of Concrete
2	21NH5A0103	
3	21NH5A0105	
4	21NH5A0101	Stabilization Of Black Cotton Soils By Using Sisal Fibers
5	20NH1A0101	
6	20NH1A0103	
7	21NH5A0104	

COORDINATOR

HOD

DEPARTMENT OF CIVIL ENGINEERING
V.K.R, V.N.B. & A.G.K. COLLEGE OF ENGINEERING
(Approved By AICTE, New Delhi & Affiliated To JNTUK, Kakinada)
GUDIVADA - 521301, KRISHNA DISTRICT, A.P.




CERTIFICATE

This is to certify that this the is work entitled

**“AN EXPERIMENTAL STUDY ON STRENGTH
PARAMETERS OF BLENDED CONCRETE WITH
PARTIAL REPLACEMENT OF CEMENT WITH
SLAG CEMENT AND FINE AGGREGATE WITH
QUARRY DUST FOR M-40 GRADE OF
CONCRETE”**

Is a bonafide record of project presented by **K. BHAGYA
SRI (21NH5A0102), K. PRADEEP SATHYA
(21NH5A0103), M. LAKSHMI KUMARI
(21NH5A0105)**, submitted in partial fulfillment of the
requirements for the award of the Degree of Bachelor of
Technology in **CIVIL ENGINEERING (B.Tech)** during
the Academic year 2023-2024.


Mr. J.K.S.S. Ram Charan, M.Tech
M.Tech
Project Guide


Mr. K. Durga Prasad, -

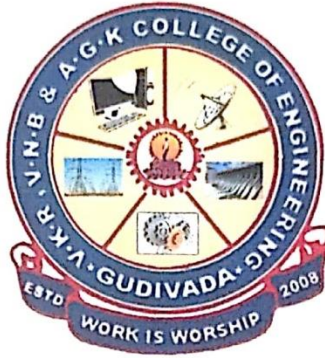
Head of the Department



DEPARTMENT OF CIVIL ENGINEERING

V.K.R,V.N.B&A.G.K COLLEGE OF ENGINEERING
(Approved By AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

GUDIVADA-521301, KRISHNA DISTRICT, A.P.



CERTIFICATE

This is to certify that this thesis work entitled “STABILIZATION OF BLACK COTTON SOILS BY USING SISAL FIBERS” is a bonafide record of project presented by K. SANGEETHA (21NH5A0101), CH. VINAY KUMAR (20NH1A0101), P.PRADEEP KUMAR (20NH1A0103), M.SIVA NAGARAJU (21NH5A0104) submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in CIVIL ENGINEERING(B. Tech) during the Academic year 2023-2024.


Mr. G.V.N.S. RAMAKRISHNA, M. Tech

PROJECTGUIDE


Mr. K.DURGA PRASAD, M.Tech

Head of the Department





V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

(An ISO 9001:2015 certified institute)

Gudivada, Krishna District, Andhra Pradesh – 521301

Mobile +91 92465 42188/91546 05555 E mail: principalh2008@gmail.com URL : <http://www.vkrvnbcoc.org>

DEPARTMENT OF MECHANICAL ENGINEERING PROJECT TITLES

S.NO.	REGD NO	TITLE OF THE PROJECT
1	21NH5A0320	Study of glass manufacturing techniques
2	21NH5A0328	
3	21NH5A0316	
4	21NH5A0325	
5	21NH5A0321	
6	21NH5A0318	Fabrication of air compressed sheet metal snipper
7	21NH5A0317	
8	21NH5A0322	
9	21NH5A0327	
10	21NH5A0304	
11	21NH5A0311	Construction of water cooler with IR sensor tap
12	21NH5A0305	
13	21NH5A0313	
14	21NH5A0306	
15	20NH1A0311	Mechanical characterization of aluminum alloy with fly ash composite by friction stir process
16	21NH5A0319	
17	20NH1A0303	
18	21NH5A0308	
19	21NH5A0303	
20	20NH1A0309	A study of the friction stir butt welding for high strength materials
21	20NH1A0308	
22	20NH1A0310	
23	21NH5A0312	
24	21NH5A0302	Studies on air distribution system for a multi storey office building
25	20NH1A0302	
26	21NH5A0309	
27	21NH5A0323	
28	21NH5A0326	
29	20NH1A0312	
30	20NH1A0307	
31	21NH1A0307	Study of advanced shock absorbers
32	21NH5A0301	
33	21NH5A0310	
34	21NH5A0315	
35	20NH1A0313	

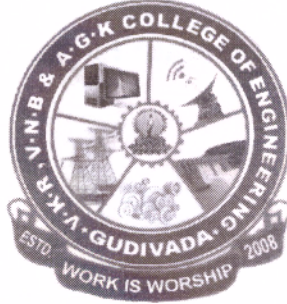

COORDINATOR


HOD

V.K.R, V.N.B & A.G.K COLLEGE ENGINEERING

Approved by AICTE-New Delhi, Recognized by Govt. of A.P, Affiliated to JNTU KAKINADA,
Accredited by NACC "A"

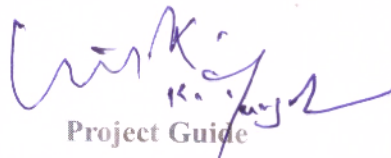
GUDIVADA-521301, Krishna District, Andhra Pradesh.



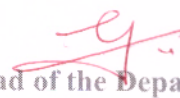
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify the Entitled of "STUDY OF GLASS MANUFACTURING TECHNIQUES" is the Bonafide record of work carried out by "M.N.P.TEJENDRA (21NH5A0320), V.HEMANTH KUMAR (21NH5A0328), K.SAHITHYA (21NH5A0316) T.P.N.V.S.KIRAN (21NH5A0325), M.JAGADEESH (21NH5A0321), D.RATNARAJU (20NH1A0305)" under my guidance of super vision in partial fulfillment of the award of the degree of Bachelor of Technology in Mechanical Engineering of Jawaharlal Nehru Technological University, Kakinada During the Academic year 2023-2024.

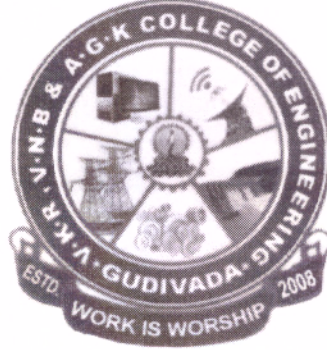

Project Guide

Mr. K.DURGA PRASAD M.Tech
Associate Professor
Dept. of Mechanical Engineering


Head of the Department

Dr.G.V.N.B.PRABHAKAR M.Tech, Ph.D.
Professor &HOD
Dep. of Mechanical Engineering

V.K.R., V.N.B & A.G.K COLLEGE OF ENGINEERING
(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to
JNTUK KAKINADA, Accredited by NACC "A")
GUDIVADA-521301, Krishna District, Andhra Pradesh.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the entitled of "**FABRICATION OF AIR COMPRESSED SHEET METAL SNIPPER**" "is the Bonafide record of work carried out by **M.VIVEK (21NH5A0318), K.JASWANTH (21NH5A0317), P.MANIHARA NAGA SAI (21NH5A0322), V.PAVAN KUMAR (21NH5A0327), B.ANAND JAI KUMAR (20NH1A0304)** under my guidance of super vision in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in **Mechanical Engineering** of **Jawaharlal Nehru Technological University, Kakinada** during the Academic Year 2023-2024

Project Guide

K. MANIPAUL M. Tech, MBA.

Assistant Professor

Dept of Mechanical Engineering

Head of the Department

Dr. G.V.N.B. PRABHAKAR M. Tech, Ph.D.

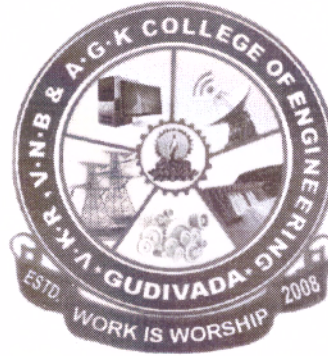
Professor

Dept of Mechanical Engineering

DEPARTMENT OF MECHANICAL ENGINEERING
V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTUK KAKINADA,
Accredited by NACC "A")

GUDIVADA-521301, Krishna District, Andhra Pradesh.



CERTIFICATE

This is to certify that the entitled of " **CONSTRUCTION OF WATER COOLER WITH IR SENSOR TAP** " is the bonafide record of work carried out by **G.BHARATH (21NH5A0311), CH.HARI SIVA (21NH5A0305), G.VAMSI SAI PAVAN (21NH5A0313), CH.MANIKANTA (21NH5A0306), S.V.V.SATISH (20NH1A0311)** submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering (B.Tech) during the Academic Year-2024


Project Guide

Mr. P. KRISHNAMRAJU M.Tech
Assistant Professor
Dept of Mechanical Engineering

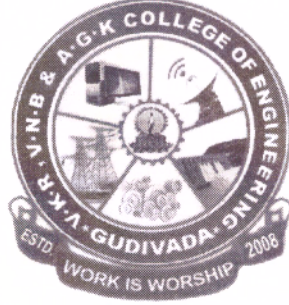

Head of the Department

Dr. G. V. N. B. PRABHAKAR M.Tech,Phd
Professor & HOD
Dept of Mechanical Engineering

V.K.R, V.N.B & A.G.K COLLEGE ENGINEERING

Approved by AICTE-New Delhi, Recognized by Govt. of A.P, Affiliated to JNTU KAKINADA,
Accredited by NACC "A"

GUDIVADA-521301, Krishna District, Andhra Pradesh.



DEPARTMENT OF MECHANICAL ENGINEERING CERTIFICATE

This is to certify the Entitled of "MECHANICAL CHARECTRIZATION OF ALUMINIUM ALLOY WITH FLY ASH COMPOSITE BY FRICTION STIR PROCESS" is the Bonafide record of work carried out by MARTHI NAGA BRAHMAM (21NH5A0319), BAGATHI LEELA MANIKANTA (20NH1A0303), DIVI VEERENDRA NADH (21NH5A0308), BANDI RAM (21NH5A0303), MUTYALA PRIYATHAM KUMAR (20NH1A0309), under my guidance of super vision in partial fulfillment of the award of the degree of Bachelor of Technology in Mechanical Engineering of Jawaharlal Nehru Technological University, Kakinada During the Academic year 2023-2024.


Project Guide & Head of the Department

Dr. G.V.N.B. PRABHAKAR M. Tech, Ph. D

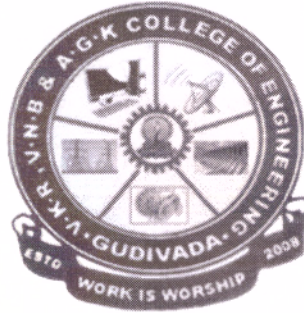
Professor & HOD
Dept. of Mechanical Engineering

V.K.R,V.N.B& A.G.K COLLEGE OF ENGINEERING

Approved by AICTE-New Delhi, Recognized by Govt.of A.P, Affiliated to JNTU-KAKINADA ,

Accredited by NACC "A"

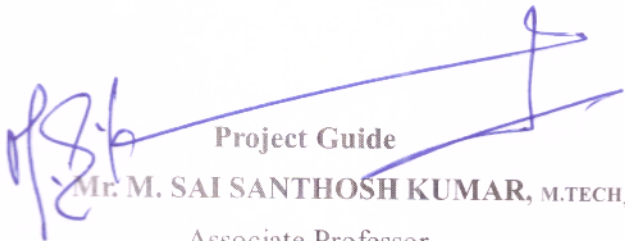
Gudivada - 521301, Krishna District, Andhra Pradesh.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the entitled of "A STUDY OF THE FRICTION STIR BUTT WELDING FOR HIGH STRENGTH MATERIALS " is the bonafide record of work carried out by M.KALYAN TEJA (20NH1A0308), P.L.VARA PRASAD (20NH1A0310), G.S.V.PAVAN (21NH5A0312), S.BAJI (21NH5A0302), A.RUPAK VAMSI (20NH1A0302) under my guidance of super vision in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in **Mechanical Engineering** of **Jawaharlal Nehru Technological University, Kakinada** during the AcademicYear 2023-2024


Project Guide
Mr. M. SAI SANTHOSH KUMAR, M.TECH,
Associate Professor

Dept of Mechanical Engineering


Head of The Department
Dr.G.V.N.B.PRABHAKAR, M.Tech, Ph.D

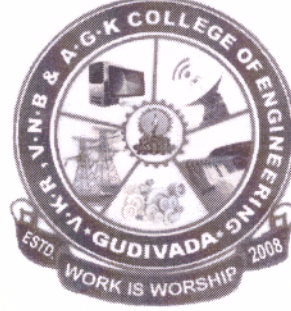
Professor & HOD

Dept of Mechanical Engineering

V.K.R., V.N.B & A.G.K COLLEGE OF ENGINEERING

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P, Affiliated to JNTUK-KAKINADA, Accredited by NACC "A")

GUDIVADA - 521301, Krishna District, Andhra Pradesh.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the entitled of "STUDIES ON AIR DISTRIBUTION SYSTEM FOR A MULTI STOREY OFFICE BUILDING" is the bonafide record of work carried out by D.NAVEEN BABU (21NH5A0309), S.V.SURYA KIRAN (21NH5A0323), V.YESU RAJU (21NH5A0326), T.H.PAVAN KUMAR (20NH1A0312), J.SAI KUMAR (20NH1A0307) under my guidance of super vision in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering of Jawaharlal Nehru Technological University, Kakinada during the Academic Year **2023-2024**.


Project Guide

Mr. SHAIK VAJEER BABA M.Tech, (Ph.D.)

Asst. Professor

Department of Mechanical Engineering


Head of the Department

Dr. G.V.N.B.PRABHAKAR M.Tech, Ph.D.

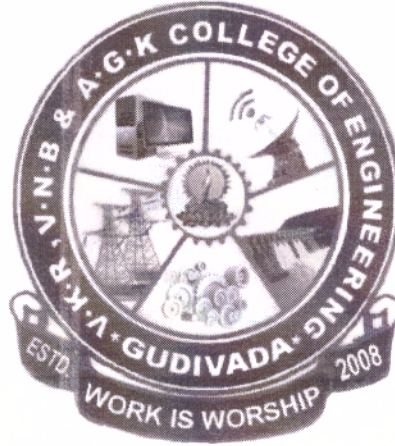
Professor & HOD

Department of Mechanical Engineering

V.K.R, V.N.B & A.G.K COLLEGE ENGINEERING

Approved by AICTE-New Delhi, Recognized by Govt. of A.P, Affiliated to JNTU KAKINADA, Accredited by
NACC "A"

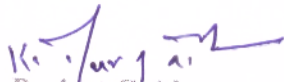
GUDIVADA-521301, Krishna District, Andhra Pradesh.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify the Entitled of "STUDY OF ADVANCED SHOCK ABSORBERS" is the bonafide record of work carried out by A. YASHWANTH KRISHNA SREE (21NH5A0301), CH. VENKATA NAGA MOHITH (21NH1A0307), G. GANESH (21NH5A0310), K.RAHUL(21NH5A0315),N.MALLIKARJUNARAO (20NH1A0313), under my guidance of super vision in partial fulfillment of the award of the degree of Bachelor of Technology in Mechanical Engineering of Jawaharlal Nehru Technological University, Kakinada During the Academic year 2023-2024.


Project Guide

K. DURGA PRASAD M. Tech.

Associate professor

Dept. of Mechanical Engineering


Head of the Department

Dr. G.V.N.B. PRABHAKAR. M. Tech. Ph D

Professor & HOD

Dept. of Mechanical Engineering



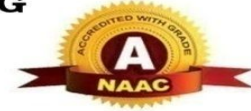
V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

An ISO 9001:2015 certified institute, Accredited by NAAC.

Gudivada, Krishna District, Andhra Pradesh – 521301

Email: principalnh2008@gmail.com URL: <http://www.vkrvnbcoe.org>



List of Project Titles during 2023-24

S.No	Register Number	NAME OF THE TITLE
1	20NH1A0409	GOOGLE ASSISTANT CONTROLLED HOME AUTOMATION WITH VOICE RECOGNITION USING IOT
2	21NH5A0417	
3	21NH5A0427	
4	20NH1A0455	
5	20NH1A0433	LUNG CANCER DETECTION AND CLASSIFICATION USING SVM
6	21NH5A0401	
7	21NH5A0414	
8	20NH1A0406	
9	21NH5A0404	IMPLEMENTATION OF PLANT LEAF DISEASES DETECTION AND CLASSIFICATION USING IMAGE PROCESSING TECHNIQUE
10	20NH1A0443	
11	21NH5A0421	
12	20NH1A0428	
13	21NH5A0406	PREDICTING BICTCON PRICE MACHINE LEARNING
14	20NH1A0434	
15	21NH5A0434	
16	20NH1A0419	
17	21NH5A0412	DESIGN AND IMPLEMENTATION OF WALLACE TREE MULTIPLIER USING PARALLEL PREFIX ADDER
18	21NH5A0437	
19	20NH1A0454	
20	20NH1A0429	
21	21NH5A0418	Z NET
22	21NH5A0429	
23	21NH5A0405	
24	20NH1A0417	

25	21NH5A0420	IOT BASED SMART STICK WITH AUTOMATED OBSTACLE DETECTER
26	20NH1A0414	
27	21NH5A0425	
28	20NH1A0451	
29	21NH5A0431	SMART DOOR BELL USING ESP32 CAM
30	21NH5A0419	
31	21NH5A0402	
32	20NH1A0430	
33	21NH5A0432	SIGNATURE FORGERY DETECTION USING CONVOLUTION NEURAL NETWORKING
34	20NH1A0435	
35	20NH1A0421	
36	20NH1A0423	
37	21NH5A0409	
38	20NH1A0401	
39	20NH1A0442	
40	20NH1A0420	
41	21NH5A0410	IOT POWERED REAL TIME VEHICLE ACCIDENT DETECTION AND ALERTING SYSTEM
42	21NH5A0436	
43	21NH5A0408	
44	21NH5A0423	
45	21NH5A0415	GAS LEAKAGE DETECTION USING NODE MCU & GSM MODULE WITH SMS ALERT
46	21NH5A0433	
47	20NH1A0404	
48	21NH5A0407	
49	20NH1A0403	REALIZATION OF NOVEL RADIX BOOTH MULTIPLIER
50	20NH1A0411	
51	20NH1A0413	
52	20NH1A0449	
53	20NH1A0437	SRAM IN-MEMORY MATRIX VECTOR MULTIPLIER
54	20NH1A0405	
55	21NH5A0428	
56	20NH1A0415	
57	20NH1A0416	

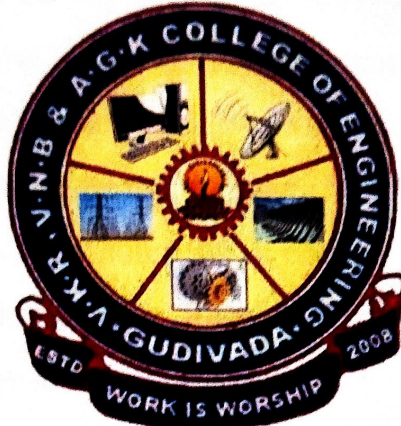
58	20NH1A0407	SERIAL BUTTERFLIES FOR NON POWER OF TWO FFT ARCHITECTURES IN 5G AND HIGHER
59	21NH5A0424	
60	20NH1A0447	
61	20NH1A0446	
62	20NH1A0410	
63	21NH5A0422	
64	20NH1A0424	
65	20NH1A0432	
66	20NH1A0427	DESIGN AND VERIFICATION OF 32-BIT VEDIC MULTIPLIER
67	21NH5A0416	
68	20NH1A0438	
69	21NH5A0430	
70	20NH1A0432	DESIGN OF DOUBLE 16_32-BIT RISC PROCESSOR
71	21NH5A0411	
72	20NH1A0452	
73	21NH5A0413	
74	20NH1A0445	IOT -BASED SMART AGRICULTURAL MONITORING SYSTEM
75	21NH5A0403	
76	21NH5A0435	
77	20NH1A0412	

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

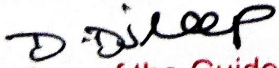
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)(Approved by
AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with "ZNET: DEEP LEARNING APPROACH FOR 2D MRI BRAIN TUMOR SEGMENTITON" is the Bonafide work of KUMA MAHESWARA RAO (21NH5A0418), P. TARUN (21NH5A0429), CH. VARUN KRISHNA (21NH5A0405), G. SATVEEK KUMAR (20NH1A0417) submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering during the Academic Year 2022-2023.


Signature of the Guide

Mr. D. DILEEP M. Tech
Assistant professor

Head of the Department


Mr. M. NAGU M.Tech (ph. d)

Associate professor

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Eluru Road, GUDIVADA-521 301

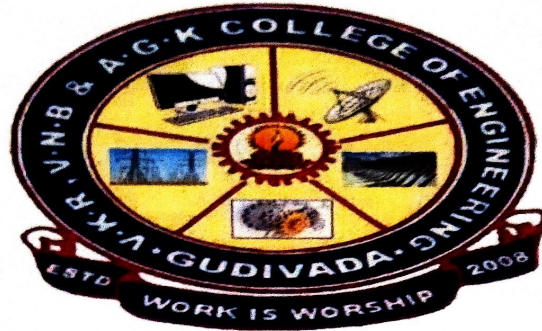
Signature of the External Examine

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with "IOT BASED SMART STICK WITH AUTOMATED OBSTACLE DETECTOR FOR BLIND PEOPLE" Is the Bonafide work of **M. VINAY KUMAR (20NH5A0420), D. AAKASH (20NH1A0414), N. YASWANTH BABU (20NH5A0425)** submitted In partial fulfilment of requirements for the Award of the degree of Bachelor of Technology in Electronics & communication Engineering during the Academic year 2023-2024.

Mr. P. Naveen Trinadh P.

Project Guide

Mr. P. NAVEEN TRINADH M. Tech

Assistant Professor

M. Nagu
Head of the Department 18/05/2024.

Mr. M. NAGU M. Tech (Ph. d)

Associate Professor

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

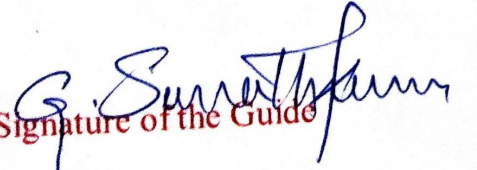
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada, Accredited by NAAC 'A')

Gudivada-521301, Krishna Dt., A.P.

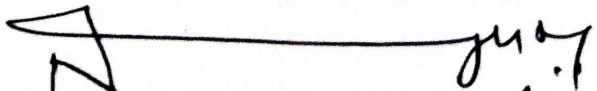


CERTIFICATE

This is to certify that the Project report entitled with “**DESIGN AND IMPLEMENTATION OF WALLACE TREE MULTIPLIER USING PARALLEL PREFIX ADDERS**” is the Bonafede work of **J. KOUSHIK RAJU (21NH5A0412)**, **T. DEVA RAJU (21NH5A0437)**, **V. CHIRANJEEVI (20NH1A0454)**, **K. SATYA VAMSI (20NH1A0429)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.


Signature of the Guide

Mr. G. SANATH KUMAR M. Tech


Head of the Department
18/05/2024

Mr. M. NAGU M. Tech (PhD)

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering,
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

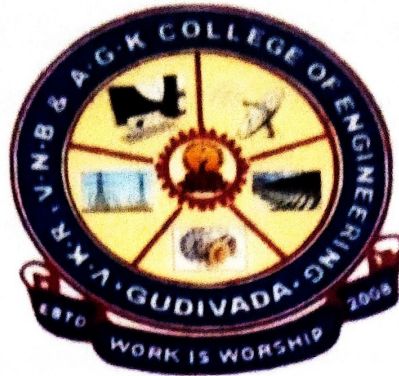
Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING


(Approved by AICTE, New Delhi; Affiliated to JNTUK, Kakinada & Accredited by NAAC 'A' Grade)

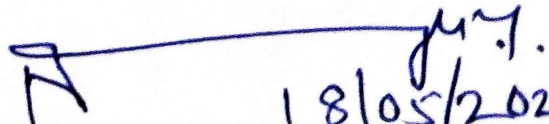
Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that this Project report entitled with **“SERIAL BUTTERFLIES FOR NON-POWER-OF-TWO FFT ARCHITECTURES IN 5G AND HIGHER”** is the bonafide work done by **B. CHANDRA MOUNIKA (20NH1A0407), M. HEMA (21NH5A0424), P. POTHYUSHA PARVATHI DEVI SRI (20NH1A0447), P. SRIDHA (20NH1A0446)** submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.


Signature of the Guide
Mr. G. RAJENDRA


18/05/2024
Head of the Department
Mr. M. NAGU

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

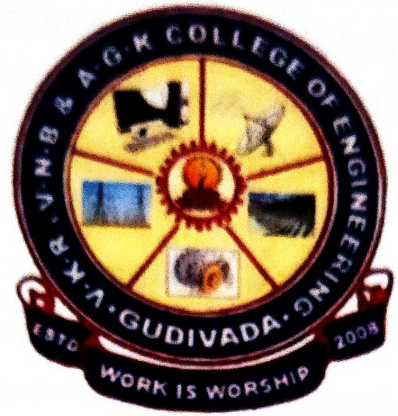
Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to JNTU, Kakimada & Accredited by NAAC with 'A' Grade)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with “REALIZATION OF NOVEL RADIX BOOTH MULTIPLIER” is the bonafide work of **A. SWATHI (20NH1A0403), D. BHARGAVI (20NH1A0411), D. PAVANI (20NH1A0413), N. KAVYA (20NH1A0437), S. ARUNA (20NH1A0449)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.

D. Dileep
Signature of the Guide

Mr. D. DILEEP

M. Nagu
18/05/2024
Head of the Department

Mr. M. NAGU

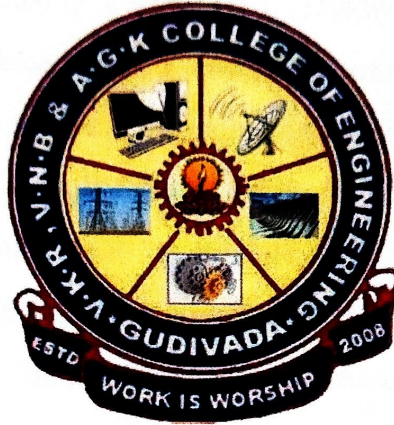
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK,
Kakinada Accredited by NAAC with 'A' grade)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with "DESIGN OF DOUBLE 16_32-BIT RISC PROCESSOR" is the bonafide work of **N.DEEVENA (20NH1A0432)**, **T.SIREESHA(20NH1A0452)**, **G.LALITHA DEVI(21NH5A0411)**, **K.HAVEELA(21NH5A0413)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.

D. Dileep
Signature of the Guide

Mr. D.DILEEP

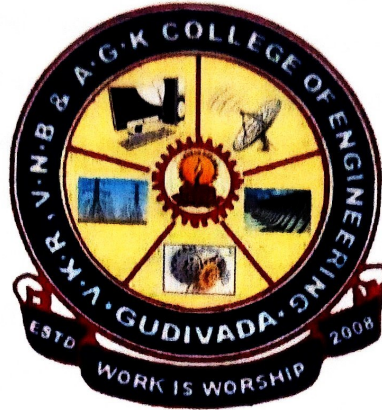
[Signature]
18/05/2024
Head of the Department

Mr. M.NAGU
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Etam Road, GUDIVADA-521 301

Signature of the External Examiner

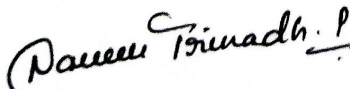
V.K.R.,V.N.B.&A.G.K.COLLEGE OF ENGINEERING
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)
(Sponsored by General & Technical Education Society, Gudivada)
(Approved by AICTE-New Delhi, Recognized by Govt. of A.P. & Affiliated to JNTU - KAKINADA)
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Gudivada-521301, Krishna Dt., A.P.

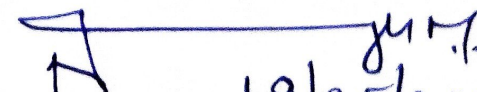


CERTIFICATE

This is to certify that the Project report entitled with "IOT-BASED SMART AGRICULTURAL MONITORING SYSTEM" is the bonafide work of **P.KAMALA PRIYA (20NH1A0445)**, **B.JAISREE (21NH5A0403)**, **V.Y.L. KAMALAVATI(21NH5A0435)**, **D. GEETHIKA(20NH1A0412)**. submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.


Signature of the Guide

Mr. P. NAVEEN TRINADH
Assistant Professor, ECE


Head of the Department 18/05/2024.

Mr. M. Nagu M.Tech(Phd)
Associate Professor, ECE

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Gudivada - 521301

Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V.K.R., V.N.B., & A.G.K. COLLEGE OF ENGINEERING

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTUK,
Kakinada Accredited by NAAC with 'A' grade)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that this Internship report Work titled "DESIGN AND VERIFICATION OF 32-BIT VEDIC MULTIPLIER" is the bonafide work of **K. Yamini Kumari (20NH1A0427)**, **N. Bhagyasri (20NH1A0438)**, **K. Swathi (21NH5A0416)**, **P. Hakalya (21NH5A0430)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the academic year 2023-2024.


SIGNATURE OF GUIDE

Mr. N. SIVA NAGA RAJU
Associate Professor, ECE

SIGNATURE OF H.O.D

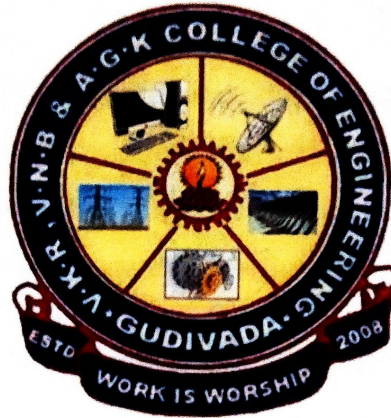
Mr. M. NAGU
Associate Professor, ECE

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

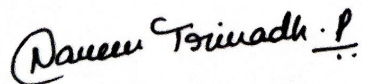
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)
(Sponsored by General & Technical Education Society, Gudivada)
(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU – KAKINADA.)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with “SRAM BASED IN-MEMORY MATRIX VECTOR MULTIPLIER“ is the bonafide work of **B. HIMAJA (20NH1A0405), P. VASAVI DEVI (21NH5A0428), G. MICHAEL (20NH1A0415), G. RUPA SRI (20NH1A0416)**. submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023- 2024.


Signature of the Guide

Mr. P. NAVEEN TRINADH
Assistant Professor, ECE

Signature of the External Examiner


Head of the Department 18/05/2024.

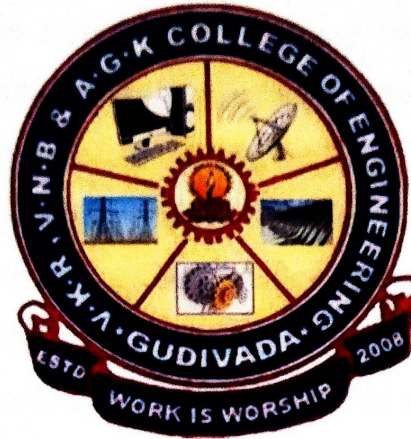
Mr. M. NAGU
Associate Professor, ECE
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Eluru Road, GUDIVADA-521 301

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with “LUNG CANCER DETECTION AND CLASSIFICATION USING SVM “is the Bonafede work of **M. ANANTHA SAI (20NH1A0433), A. BHANU SAI (21NH5A0401), K. ASHER PILGRIM (21NH5A0414), B. BHANU PRAKASH (20NH1A0406)** submitted in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.

Signature of the Guide

Mr. G. RAJENDRA M. Tech

Head of the Department

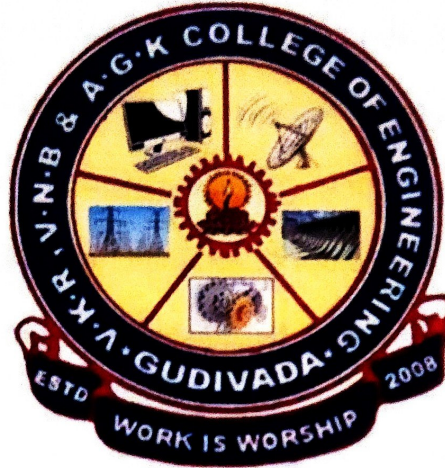
Mr. M. NAGU M.Tech, (Ph.D.)
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that this Project report entitled with "ROUTER 1X3 RTL DESIGNING USING VERILOG" is the bonafide work done by **Shaik. Karishma (20NH5A0426)** submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.

Signature of the Guide

Mr. G. Rajendra

Associate Professor, ECE

18/05/2024

Head of the Department

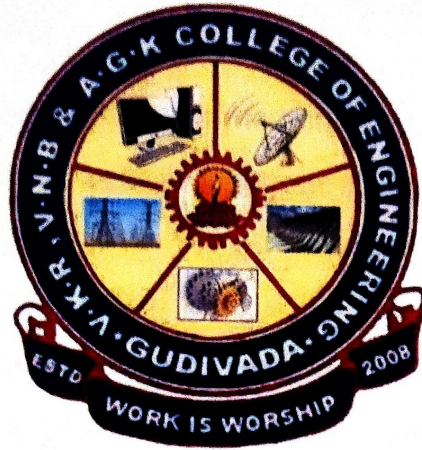
Mr. M. Nagu

Professor, ECE

HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

Gudivada-521301, Krishna Dt., A.P.




CERTIFICATE

This is to certify that the Project report entitled with "PREDICTING BITCOIN PRICE MEACHINE LEARNING" is the bonafede work of **CH. KALYAN BABU (21NH5A0406), MD. SAMEER (21NH1A0434), V. KESAVA MANIKANTA KUMAR (21NH5A0434), I. HARSHA VARDHAN REDDY (20NH1A0419)**. Submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic year 2023 – 2024.


Signature of the guide

Mr. N. SIVA NAGA RAJU
Associate Professor


18/05/2024
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521301
Signature of Head of Department

Mr. M. NAGU
Associate Professor

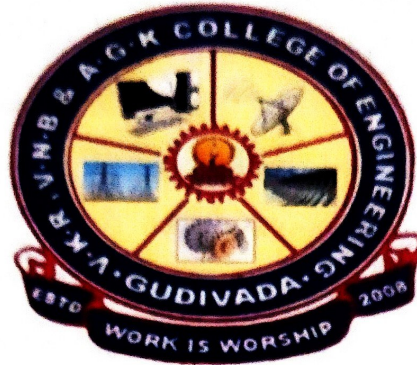
Signature of External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that this project part-1 report entitled with " **GOOGLE ASSISTANT CONTROLLED HOME AUTOMATION WITH VOICE RECOGNITION USING IOT** " is the bonafide work of **CH.SUDARSHAN (20NH1A0409), K.VENKATESH (21NH5A0417), P.NAVEEN (21NH5A0427), V.BADIRINADH (20NH1A0455)** submitted in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Electronics & Communication Engineering** during the Academic Year 2023-2024.

Signature of the supervisor

Mr. M. Nagu

Associate professor

HEAD OF THE DEPARTMENT

Department of Electronics & Communication Engineering

V.K.R., V.N.B. & A.G.K. College of Engineering

Eluru Road, GUDIVADA-521 301

Head of the Department

Mr. M. Nagu M.Tech(Phd)

Associate professor

HEAD OF THE DEPARTMENT

Department of Electronics & Communication Engineering

V.K.R., V.N.B. & A.G.K. College of Engineering

Eluru Road, GUDIVADA-521 301

Signature of External Examiner

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

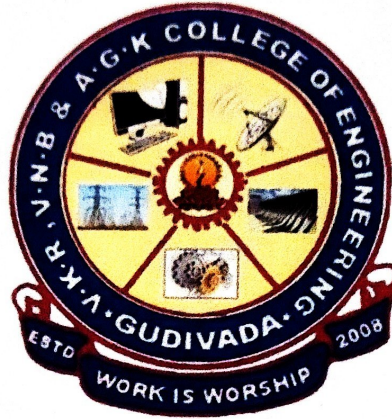
V.K.R., V.N.B., & A.G.K. COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Educational Society, Gudivada)

(Approved by AICTE New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU-Kakinada)

Gudivada-521301, Krishna Dt., A.P.

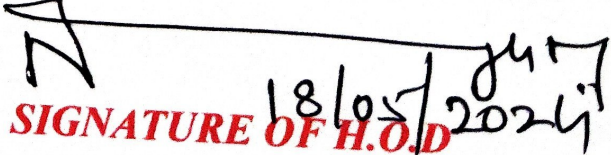


CERTIFICATE

This is to certify that this Project report work titled **GAS LEAKAGE DETECTION USING NODE MCU & GSM MODULE WITH SMS ALERT** is the bonafide work of **K. DURGA PRASAD (21NH5A0415) T.S.D.RAMANJANEYA SETTI (21NH5A0433) A. KESAVA MANI KUMAR (20NH1A0404) C.H. JAYADEP (21NH5A0407)** submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Electronics & Communication Engineering** during the Academic Year 2023-2024.


SIGNATURE OF PROJECT GUIDE

Mr. G. SANATH KUMAR M.Tech
Assistant Professor, ECE


SIGNATURE OF H.O.D

Mr. M. NAGU M.Tech(Phd)

Professor, ECE
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

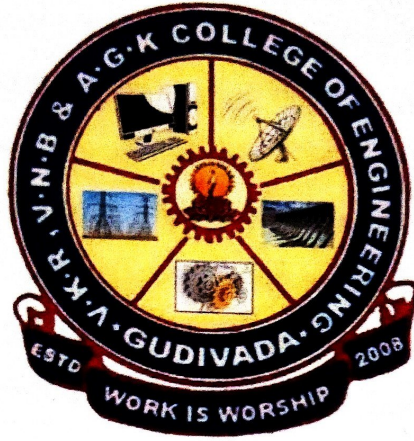
SIGNATURE OF EXTERNAL EXAMINER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING


(Approved by AICTE-New Delhi, Affiliated to JNTU-KAKINADA & Accredited by NAAC 'A' Grade)

Gudivada-521301, Krishna Dt., A.P.




CERTIFICATE

This is to certify that the Project report entitled with "SMARTDOORBELLUSING ESP32 CAM" is the Bonafede work of **S. VENKATA SAI PAVAN 21NH5A0431 L. VENKATA RAMA MOHANA RAO 21NH5A0419 B. MAHESH BABU 21NH5A0402 K. NAGA SUDHEER KUMAR 20NH1A0430** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.


Signature of the Guide
18/05/2024

Mr. M. NAGU M. TECH (PhD)


Head of the Department
18/05/2024

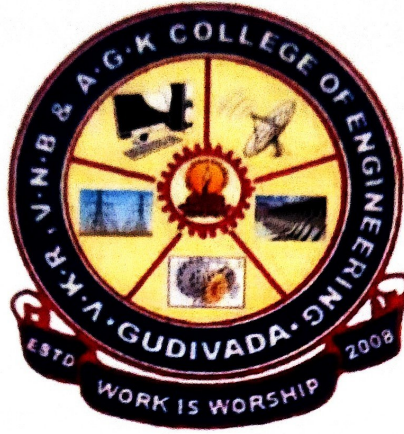
Mr. M. NAGU M. TECH (PhD)
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Etoru Road, GUDIVADA-521 301

Signature of the External Examine

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi; Affiliated to JNTU, Kakinada & Accredited by NAAC with 'A' grade)

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with "IOT POWERED REAL TIME VEHICLE ACCIDENT DETECTION AND ALERTING SYSTEM" is the bonafide work of **D. NAGA MANIKANTA (21NH5A0410), Y. LAKSHMAN KUMAR (21NH5A0436), D. SURENDRA BABU (21NH5A0408), MD. SHAFI (21NH5A0423)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.


Signature of the Guide

Mr. N. SIVA NAGARAJU


Head of the Department

Mr. M. NAGU

Signature of the External Examiner

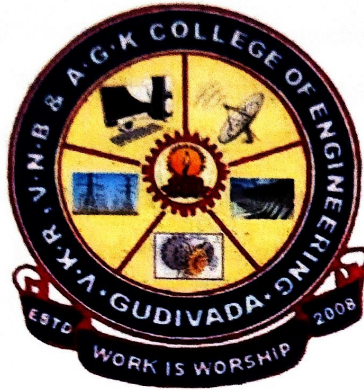
AD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Biluru Road, GUDIVADA-521 301

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada, Accredited by NAAC 'A')

Gudivada-521301, Krishna Dt., A.P.



CERTIFICATE

This is to certify that the Project report entitled with “SIGNATURE FORGERY DETECTION USING CONVOLUTIONAL NEURAL NETWORK” is the Bonafede work of **S. CHANDRARAO (21NH5A0432)**, **M. ASHOK BABU (20NH1A0435)**, **J. SUBHASH (20NH1A0421)**, **K. JAYANTH KUMAR (20NH1A0423)** submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** during the Academic Year 2023-2024.

Signature of the Guide

Mr. G. RAJENDRA M. Tech

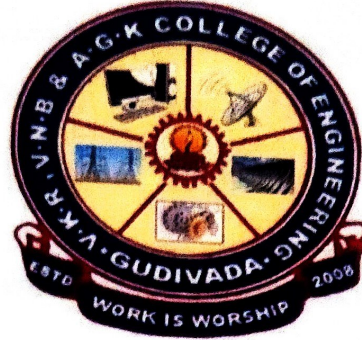
Head of the Department

Mr. M. NAGU M. Tech (PhD)
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
V.K.R., V.N.B. & A.G.K. College of Engineering
Eluru Road, **GUDIVADA-521 301**

Signature of the External Examiner

18/05/2024

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi & Affiliated to JNTU K, Kakinada, & Accredited by NAAC 'A')
Gudivada-521301, Krishna Dt., AP.



CERTIFICATE

This is to certify that the Project report entitled with "IMPLEMENTATION OF PLANT LEAF DISEASES DETECTION AND CLASSIFICATION USING IMAGE PROCESSING TECHNIQUES" is the Bonafede work of **B. VENKATARATNAM (21NH5A0404)**, **M. SURENDRA BABU (21NH5A0421)**, **P. SRAVANA KUMAR (20NH1A0443)**. Submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering during the Academic Year 2023-2024


Signature of the Guide

Mrs. K. DEVEKI DEVI M. Tech


Head of the Department 18/05/2024

Mr. M. NAGU M. Tech (Phd)
HEAD OF THE DEPARTMENT
Department of Electronics & Communication Engineering
VKR, VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301

Signature of the External Examiner

**V.K.R., V.N.B & A.G.K COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

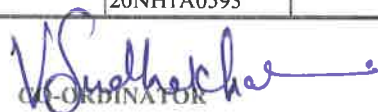
An ISO 9001:2015 Certified Institute

Gudivada, Krishna District, Andhra Pradesh – 521301

Department of Computer Science & Engineering

BATCH NO	ROLL NO	PROJECT TITLE
1	20NH1A0554	An AI Based Medical Chatbot Model For Infectious Disease Prediction
	20NH1A0527	
	20NH1A0553	
	20NH1A0537	
2	20NH1A0587	FRAUD DETECTION IN BANKING DATA BY MACHINE LEARNING TECHNIQUES
	20NH1A05A4	
	21NH1A0502	
	20NH1A05B5	
3	21NH5A0510	Leaf Disease Detection Based on Lightweight Deep Residual Network and Attention Mechanism
	20NH1A0594	
	21NH5A0508	
	20NH1A05B1	
4	21NH5A0506	Brain Tumor detection using SVM algorithm
	20NH1A05B2	
	20NH1A0581	
	20NH1A0599	
5	20NH1A0567	Phishing or Not Phishing? A Survey on The Detection of Phishing Websites
	20NH1A0585	
	20NH1A05A5	
	20NH1A0577	
6	20NH1A0569	COLLAGE PLACEMENT MANAGEMENT SYSYEM
	20NH1A05A6	
	20NH1A05A8	
	20NH1A0590	
7	20NH1A0571	E- Vote: Empowering Democracy Through Online Voting
	20NH1A0595	
	20NH1A05B4	
	20NH1A0578	
8	20NH1A0517	Modelling and predicting cyber hacking breaches using machine learning
	20NH1A0538	
	20NH1A0540	
	20NH1A0514	
9	20NH1A0567	Phishing or Not Phishing? A Survey on The Detection of Phishing Websites
	20NH1A0585	
	20NH1A05A5	
	20NH1A0577	
10	20NH1A0589	FACIAL EMOTION DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING
	21NH5A0507	
	21NH5A0511	
11	20NH1A0545	Comparative Analysis of Liver Diseases by using Machine Learning
	20NH1A0552	
	20NH1A0506	
	20NH1A0508	

12	20NH1A0559	Organic Food Supply Chain Traceability Using BlockChain
	20NH1A0531	
	20NH1A0544	
	20NH1A0513	
13	20NH1A0572	GRAMAM
	20NH1A0598	
	20NH1A0574	
	20NH1A0580	
14	20NH1A0579	Pneumonia Detection using Machine Learning
	21NH5A0503	
	21NH5A0512	
	20NH1A0575	
15	20NH1A0507	Book Recommendation System Using ANN
	20NH1A0524	
	20NH1A0511	
	20NH1A0532	
16	20NH1A05B3	Detection of covid-19 from pretrained alexnet model from chest x-rays images using Deep Learning"
	20NH1A05A9	
	20NH1A05A3	
	20NH1A05A7	
17	20NH1A0586	The Power of CarPooling for Sustainable Transportation Solutions
	20NH1A0584	
	20NH1A05B0	
	20NH1A0579	
18	20NH1A05B2	Brain Tumor detection using SVM algorithm
	21NH5A0506	
	20NH1A0581	
	20NH1A0599	
19	20NH1A0570	A YouTube Spam Comments Detection Scheme Using Cascaded Ensemble Machine Learning Model
	20NH1A0583	
	20NH1A0582	
	20NH1A0592	
20	20NH1A0547	DESIGNING CYBER INSURANCE POLICIES: THE ROLE OF PRE-SCREENING AND SECURITY INTERDEPENDENCY USING MACHINE LEARNING
	20NH1A0563	
	20NH1A0557	
	20NH1A0512	
21	20NH1A0596	REAL TIME OBJECT DETECTION USING MACHINE LEARNING
	20NH1A0591	
	20NH1A05A2	
	20NH1A0593	


CO-ORDINATOR


HOD

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade) (Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **L.V.RAVITEJA(20NH1A0554),G.C.SRAVANTHI(20NH1A0527), K.DEVENDRA(20NH1A0553),K.HEAVEN JYOTHI(20NH1A0537)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**An AI Based Medical Chatbot Model For Infectious Disease Prediction**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

Mr. G.VENKATA RATNAM M.Tech, (Ph.D)

(HoD of CSE Dept)

Mrs. R. SOWJANYA M.Tech

(Project Guide)

Ch. S. Anandh.

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **P.LAVANYA (20NH1A0587)**, **T.ESWARI (20NH1A05A4)**, **A.ESWAR KUMAR SWAMY (21NH5A0502)**, **Y. PRANEETH (20NH1A05B5)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**FRAUD DETECTION IN BANKING DATA BY MACHINE LEARNING TECHNIQUES**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2022-23. It has been found to besatisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

(HoD of CSE Dept)

Mrs. J. SWAPNA, M.Tech

(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada, E.

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **NANDAM VENKATA NAGA VIJAY KUMAR (21NH5A0510)**, **PUPPALA SUKANYA (20NH1A0594)**, **KONA PRASANTH KUMAR (21NH5A0508)**, **VEERLA HARIKA (20NH1A05B1)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled **"Leaf Disease Detection Based on Lightweight Deep Residual Network and Attention Mechanism"** in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-2024. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

Head of the Department
(Head of CSE Dept)
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

Mr. S Sai Krishna , M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINAR

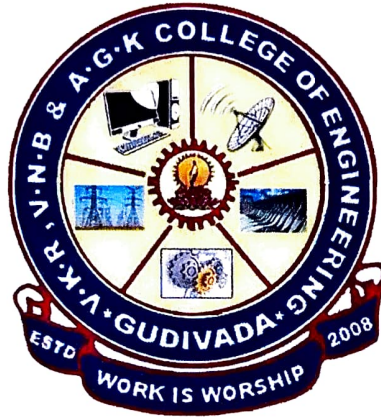
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

Gudivada -521301, Krishna Dist., A.P

2023-2024



CERTIFICATE

This is to certify that **K. Vithendra (21NH5A0506), V. Karthik (20NH1A05B2), Nazneen Begum (20NH1A0581), R. Bhanu Prakash (20NH1A0599)** of final year of computer science and engineering has submitted MAJOR PROJECT report entitled “Brain Tumor detection using SVM algorithm” in the partial fulfilment for the award of the degree of Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING of Jawaharlal Nehru Technological University, Kakinada in session 2023-2024. It has been found to be satisfactory and hereby approved for the submission.

Mr. G. VENKATA RATNAM, M.Tech, (Ph.D)
(Head of the Department)

Mr. V. SUDHAKAR, M.Tech
(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

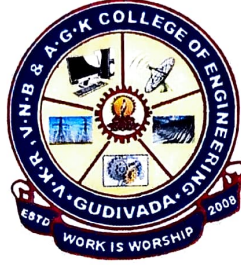
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **M. LAKSHMI PRASANNA (20NH1A0567), P. TEJA KUMAR (20NH1A0585), T. NAGA MALLIKARJUNA RAO (20NH1A05A5), M. VIJAY KUMAR (20NH1A0577)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled **"Phishing or Not Phishing? A Survey on The Detection of Phishing Websites"** in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-2024. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

Head of the Department
(HoD of CSE Dept)
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521301

Mrs. R Sowjanya, M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINAR

V.K.R, V.N.B & A.G.K COLLAGE OF ENGINEERING

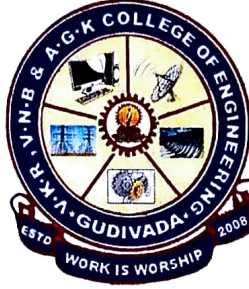
(An ISO 9001:2015 certified institution)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that M. HARSHITHA (20NH1A0569), U. KAVYA (20NH1A05A6), V. UDAY KIRAN (20NH1A05A8), P. GANESH (20NH1A0590) of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**COLLAGE PLACEMENT MANAGEMENT SYSYEM**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G. VENKATA RATNAM, M.Tech, (Ph.D)

(HoD of CSE Dept)

Mr. G. VENKATA RATNAM, M.Tech, (Ph.D)

(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

SIGNATURE OF EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **M. Hemanth(20NH1A0571)**, **P. Venkata Kalyani(20NH1A0595)**, **V. Venkata Vaibhav(20NH1A05B4)**, **N. Yaswanth Kumar(20NH1A0578)** of final year of computer science and engineering has submitted MAJOR PROJECT report entitled “**E- Vote: Empowering Democracy Through Online Voting**” in the partial fulfilment for the award of the degree of Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING of Jawaharlal Nehru Technological University, Kakinada in session 2023- 2024. It has been found to be satisfactory and hereby approved for the submission.

SIGNATURE OF H.O.D

Mr. G. VENKATA RATNAM, M. Tech (Ph. D)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

SIGNATURE OF THE GUIDE

Mrs. R. SOWJANYA, M. Tech

SIGNATURE OF EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **CH. DANUSH NAGA SASTRULU (20NH1A0517), K.HARSHINI (20NH1A0538), K.SAI DEEPAK (20NH1A0540), CH. NAGARAJU (20NH1A0514)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled "**Modelling and predicting cyber hacking breaches using machine learning**" in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

(HoD of CSE Dept)

MRS.K.SWAPNA, M. Tech

(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **M. LAKSHMI PRASANNA (20NH1A0567), P. TEJA KUMAR (20NH1A0585), T. NAGA MALLIKARJUNA RAO (20NH1A05A5), M. VIJAY KUMAR (20NH1A0577)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled **“Phishing or Not Phishing? A Survey on The Detection of Phishing Websites”** in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-2024. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, B.Tech, P.E.T.

(HoD of CSE Dept)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

Mrs. R.Sowjanya, M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINAR

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

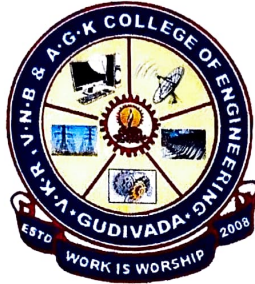
(An ISO 9001:2015 certified institution)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the main project report entitled“ **FACIAL EMOTION DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING**”is the bonafide record of work carried out by **P.Bevalarani(20NH1A0589), K.Raghava(21NH5A0507), S.Sameera(20NH1A05A1),S.Sumanjali(21NH5A0511)** under my guidance of supervision in the partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING** of **Jawaharlal Nehru Technological University, Kakinada.**

SIGNATURE OF PROJECT GUIDE

H.NARENDRA, M.Tech

SIGNATURE OF HOD

C. VENKATA RATNAM, M.Tech (Ph.D)
Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **K.NAGA KAVITHA(20NH1A0545),K.RAJYA LAKSHMI(20NH1A0552), A.NEELIMA(20NH1A0506),B.PRASHANTH KUMAR (20NH1A0508)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**Comparative Analysis of Liver Diseases by using Machine Learning**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.


Mr. G.VENKATA RATNAM M.Tech, (Ph.D)

(HoD of CSE Dept)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering,
Gudivada - 521 301


Mr. G.RAMESH M.Tech

(Project Guide)



V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **M.D.N.V. Bhavani Manikanta (20NH1A0559), J. Komali (20NH1A0531), K. Sravya (20NH1A0544), Ch. Purna Kishore (20NH1A0513)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled **“Organic Food Supply Chain Traceability Using BlockChain”** in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G. VENKATA RATNAM, M.Tech,(Ph.D.)
(HOD of CSE Dept)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

Mr. V. SUDHAKAR, M.Tech
(Project Guide)

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **M. SOWMYA (20NH1A0572), R. SRINIVAS (20NH1A0598), M. DURGA PRAVEEN (20NH1A0574), N. NAGA VENKATA SAI YASWANTH (20NH1A0580)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled "**GRAMAM**" in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G. VENKATA RATNAM, M.Tech, (Ph.D)

(Head of the Department)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

Mr. K.RUPA NARENDRA BABU, M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

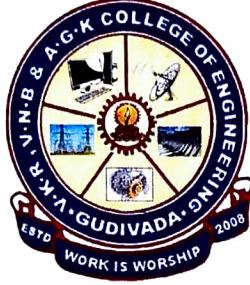
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that N. HARI TEJA REDDY (20NH1A0579), B. CHANDRIKA RAMA KUMARI (21NH5A0503), S. BALAJI (21NH5A0512), M. SUBBA RAO (20NH1A0575) of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**Pneumonia Detection using Machine Learning**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

(HoD of CSE Dept)

Head of the Department

Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering,
Gudivada - 521301

Mr. ROHINI KUMAR, M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R,V.N.B &A.G.K COLLEGE OF ENGINEERING

(AnISO9001:2015certifiedinstitution,Accredited by NAAC with "A" grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P& Affiliated to JNTU-KAKINADA)

GUDIVADA-521301,Krishna District , Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **B.RASHMITHA (20NH1A0507)**, **G.VINEELA (20NH1A0524)**, **CH.HARIKA (20NH1A0511)**, **K.JITENDRA BABU (20NH1A0532)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled "**Book Recommendation System Using ANN**" in partial fulfillment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr.G.VENKATA RATNAM, M.Tech,(Ph.D)

(HOD of CSE Dept)

Mr. G.HANUMAN NARENDRA M.Tech

(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering,
Gudivada - 521 301

V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that V.MOHITHA VENKATA MANI (20NH1A05B3), V.MAHIMA SREE(20NH1A05A9), T.NAGA RAJU (20NH1A05A3), V.NEERAJ SREEKAR (20NH1A05A7), of final year computer science and Engineering has submitted MAJOR PROJECT report entitled “**Detection of covid-19 from pretrained alexnet model from chest x-rays images using Deep Learning**” in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.


PROJECT GUIDE

Mr.V.SUDHAKAR M.Tech



HEAD OF THE DEPARTMENT

Mr. G. VENKATA RATNAM M.Tech,(Ph.D)
Head of the Department
Computer Science & Engineering
V.K.R., V.N.B. & A.G.K College of Engineering
Gudivada - 521 301



MAY-2024

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that **P.MOUNIKA (20NH1A0586), P.HARSHITHA (20NH1A0584), V.MAMATHA SREE (20NH1A05B0), M.PRASANNA KUMAR (20NH1A0579)** of final year computer science and Engineering has submitted MAJOR PROJECT report entitled **“The Power of CarPooling for Sustainable Transportation Solutions”** in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2020-24. It has been found to be satisfactory and hereby approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, Ph.D

(HoD of CSE Dept)

Mr. V.Ramu, M.Tech

(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521301

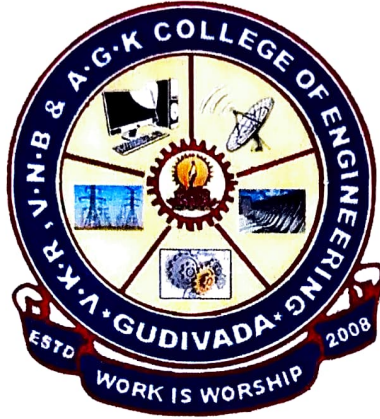
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

Gudivada -521301, Krishna Dist., A.P

2023-2024



CERTIFICATE

This is to certify that **K. Vithendra (21NH5A0506), V. Karthik (20NH1A05B2), Nazneen Begum (20NH1A0581), R. Bhanu Prakash (20NH1A0599)** of final year of computer science and engineering has submitted MAJOR PROJECT report entitled “Brain Tumor detection using SVM algorithm” in the partial fulfilment for the award of the degree of Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING of Jawaharlal Nehru Technological University, Kakinada in session 2023-2024. It has been found to be satisfactory and hereby approved for the submission.


Mr. G. VENKATA RATNAM, M.Tech, (Ph.D)
(Head of the Department)


Mr. V. SUDHAKAR, M.Tech
(Project Guide)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering,
Gudivada - 521 301


SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

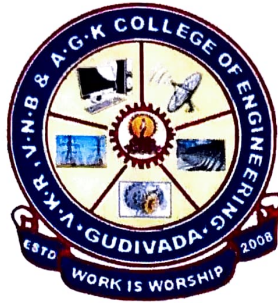
(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that MD.MEARAJ SADHIKUNNISA(20NH1A0570),P.SRI KAVYA (20NH1A0583)N.SAI SRINU BABU (20NH1A0582),P.S.V.S.RAJU (20NH1A0592)of final year computer science and Engineering has submitted MAJOR PROJECT report entitled "A YouTube Spam Comments Detection Scheme Using Cascaded Ensemble Machine Learning Model" in partial fulfilment for the award of Bachelor of Technology Degree of JNTUK Kakinada in session 2023-24. It has been found to be satisfactory and here by approved for submission.

Mr. G.VENKATA RATNAM, M.Tech, (Ph.D)

(HoD of CSE Dept)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521301

Mr. V.RAMU, M.Tech

(Project Guide)

SIGNATURE OF THE EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution, Accredited by NAAC with 'A' grade)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTUK KAKINADA)

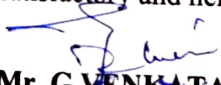
GUDIVADA-521301, Krishna District, Andhra Pradesh.


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

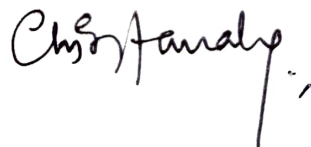


CERTIFICATE

This is to certify that **K.YASAWI (20NH1A0547), M.DIVYA (20NH1A0563), M. RAMYASRI (20NH1A0557), C. SHARAN TEJA (20NH1A0512)**, of Final Year Computer Science and Engineering has submitted MAJOR PROJECT report entitled **“DESIGNING CYBER INSURANCE POLICIES: THE ROLE OF PRE-SCREENING AND SECURITY INTERDEPENDENCY USING MACHINE LEARNING”** in partial fulfillment of the requirements for the award of the Bachelor of Technology Degree of JNTUK, KAKINADA in session 2023-24. It has been found to be satisfactory and here by approved for the submission.


Mr. G.VENKATARATNAM, M.Tech, Ph.D.
Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301
(HOD OF CSE Dept)


Mr. K. JEEVAN KUMAR, M..Tech
(Project Guide)

EXTERNAL EXAMINER: 

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified institution)

(Sponsored by General & Technical Education Society, Gudivada)

(Approved by AICTE-New Delhi, Recognized by Govt. of A.P & Affiliated to JNTU - KAKINADA)

GUDIVADA-521301, Krishna District, Andhra Pradesh.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the main project report entitled “**REAL TIME OBJECT DETECTION USING MACHINE LEARNING**” is the bonafide record of work carried out by **P.RAJITHA (20NH1A0596)**, **P.VEERA KIRAN BABU (20NH1A0591)**, **S.KOMALIKA (20NH1A05A2)**, **P.LEELA KRISHNA (20NH1A0593)** under my guidance of supervision in the partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING** of Jawaharlal Nehru Technological University, Kakinada.

SIGNATURE OF PROJECT GUIDE

G.RAMESH, M.Tech

SIGNATURE OF HOD

G. VENKATA RATNAM, M.Tech (Ph.D)

Head of the Department
Computer Science & Engineering
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada - 521 301

SIGNATURE OF THE EXTERNAL EXAMINER

Ch. S. Anand



V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

(An ISO 9001:2015 certified institute)

Gudivada, Krishna District, Andhra Pradesh – 521301

Mobils +91 92465 42188/91546 05555 E mail: principalnh2008@gmail.com URL : <http://www.vkrnbce.org>

Department of MBA

Batch:2022-2024

S.NO	REGD NO	TITLE OF THE PROJECT
1	22NH1E0001	A STUDY ON TRAINING AND DEVELOPMENT PROGRAM WITH SPECIAL REFERENCE TO KWALITY FEEDS LTD
2	22NH1E0002	A STUDY ON EMPLOYEE RELATIONSHIP MANAGEMENT WITH SPECIAL REFERENCE TO SRI CHAITANYA SCHOOLS ACADEMIC CENTRAL OFFICE VIJAYAWADA
3	22NH1E0003	A STUDY ON "FINANCIAL ANALYSIS USING RATIO ANALYSIS" WITH SPECIAL REFERENCE TO GOWTHAMI SOLVENT OILS LTD., TANUKU
4	22NH1E0004	A STUDY ON "FUNDS FLOW STATEMENT" WITH SPECIAL REFERENCE TO TATA MOTORS LTD, VIJAYAWADA
6	22NH1E0006	A STUDY ON CASHFLOW MANAGEMENT WITH SPECIAL REFERENCE TO MADARS RUBBER FACTORY (SNY Tyres)
7	22NH1E0007	A STUDY ON MUTUAL FUNDS WITH SPECIAL REFERENCE TO BIRLA SUN LIFE ASSET MANAGEMENT COMPANY LTD.
8	22NH1E0008	A STUDY ON INVENTORY MANAGEMENT WITH SPECIAL REFERENCE TO K. C. P SUGAR AND INDUSTRIES CORPORATION, LTD
9	22NH1E0009	A STUDY ON "CAPITAL BUDGETING" WITH REFERENCE TO K.C.P. SUGAR & INDUSTRIES CORPORATION, LIMITED
10	22NH1E0010	A STUDY ON STRESS MANAGEMENT WITH SPECIAL REFERENCE TO HINDUSTAN COCA-COLA BEVERAGES PVT.LTD

11	22NH1E0011	A STUDY ON RATIO ANALYSIS WITH SPECIAL REFERENCE TO KRISHNA DISTRICT CENTRAL COOPERATIVE BANK
12	22NH1E0012	A STUDY ON FINANCIAL STATEMENT ANALYSIS WITH SPECIAL REFERENCE TO K.C.P SUGAR AND INDUSTRIES CORPORATION LIMITED
13	22NH1E0013	A STUDY ON FINANCIAL STATEMENT ANALYSIS WITH SPECIAL REFERENCE TO KWALITY FEEDS LIMITED GUDIVADA
14	22NH1E0014	A STUDY ON E-RECRUITMENT PROCESS WITH SPECIAL REFERENCE TO HALCYON TECHNOLOGIES
15	22NH1E0015	A STUDY ON JOB SATISFACTION WITH SPECIAL REFERENCE TO KWALITY FEEDS LIMITED, GUDIWADA, KRISHNA DISTRICT
16	22NH1E0016	A STUDY ON FUNDS FLOW STATEMENT WITH SPECIAL REFERENCE TO TVS MOTORS COMPANY LTD.



Co-Ordinator



HoD



V.K.R. V.N.B & A.G.K COLLEGE OF ENGINEERING
(An ISO9001:2015 certified Institution)



(Sponsored by General & Technical Education Society, Gudivada) Affiliated to
JNTU-KAKINADA & Approved by AICTE, New Delhi)

Gudivada, Krishna District, Andhra Pradesh-521301

Phone:08674-242188, Fax:08674-242190

Email:ykrynbengineering@gmail.com URL:<http://www.ykrynbcoe.org>

Department of Management Studies

CERTIFICATE

This is to certify that the project report titled "A STUDY ON TRAINING AND DEVELOPMENT" (With special reference to KWALITY FEEDS Ltd) submitted by A. DHANASRI (22NH1E0001) is a bona fide work carried out by her in partial fulfillment for the award of Degree of Master of Business Administration by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any other application or award of any degree.

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R. V.N.B & A.G.K. College of Engineering
GUDIVADA - 521301



V.K.R. V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudurvada)

Affiliated to JNTU - KAKINADA & Approved by AICTE, New Delhi.

Gudurvada, Krishna District, Andhra Pradesh - 521 301

Phone: 08674-242188, Fax: 08674-242190

Email: vkrynbengineering@gmail.com. URL: <http://www.vkrynbcoe.org>



Department of Management Studies

CERTIFICATE

This is to certify that the project report titled **A STUDY ON EMPLOYEE RELATIONSHIP MANAGEMENT WITH SPECIAL REFERENCE TO SRI CHAITANYA SCHOOLS ACADEMIC CENTRAL OFFICE, VIJAYAWADA** submitted by **CH. KARUNA (22NH1E0002)** is a work carried out by her in partial fulfilment for the award of **Degree of Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree.

PROJECT GUIDE

INTERNAL EXAMINAR

HEAD OF DEPARTMENT

EXTRNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R. V.N.B & A.G.K College of Engineering,
GUDURVADA - 521 301



V.K.R. V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudivada)

Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi
Gudivada, Krishna District, Andhra Pradesh – 521301

Phone: 08674-242188, Fax: 08674-242190

Email: vkrynbengineering@gmail.com URI:.

<http://www.vkrynbcoe.org>



Department of Management Studies

CERTIFICATE

This is to certify that the project report titled **A STUDY ON “FINANCIAL ANALYSIS USING RATIO ANALYSIS”** with special reference to **GOWTHAMI SOLVENT OILS LTD., TANUKU** Submitted by **INDURI NARESH (22NHIE0003)** is a bonafide work carried out by his in partial fulfillment for the award of Degree of **MASTER OF BUSINESS ADMINISTRATION** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER



V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)
(Sponsored by General & Technical Education
Society, Gudivada) Affiliated to JNTU-KAKINADA
& Approved by AICTE, New Delhi Gudivada,
Krishna District, Andhra Pradesh – 521301
Phone: 08674-242188, Fax: 08674-242190



Email: ykrynbengineering@gmail.com URL: <http://www.ykrynbcoe.org>

Department of Management Studies

CERTIFICATE

This is to certify that the project report titled **A STUDY ON FUNDS FLOW STATEMENT WITH SPECIAL REFERENCE TO TATA MOTORS LIMITED, VIJAYAWADA** submitted by **JAUDULA VANI (22NH1E0004)** is a work carried out by her in partial fulfillment for the award of Degree of **Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree.

PROJECT GUIDE

INTERNALEXAMINER

HEAD OF DEPARTMENT

EXTRNAL EXAMINER

Head of the Department
Department of Management Studies
V.K.R, V.N.B & A.G.K College of Engineering
Gudivada, Krishna District, Andhra Pradesh - 521301



V.K.R. V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education

Society, Gudivada Affiliated to JNTU - KAKINADA

& Approved by AICTE, New Delhi).

Email: vkrynbengineering@gmail.com

URL: <http://www.vkrynbcoe.org>

Department of Management Studies



CERTIFICATE

This is to certify that the project report titled "A STUDY ON CASH FLOW STATEMENT with special reference to Madras Rubber Factory (SNVtyres), PEDAPUDU". submitted by Ms. K. JEMIMA (22NH1E0006) is a bona fided work carried out by her in partial fulfillment for the award of Degree of Master of Business Administration by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of another application or award of any degree.

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF DEPARTMENT

MBA Head of Department
VKR VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301
Krishna District, A.P.

EXTERNAL EXAMINER



V.K.R. V.N.B & A.G.K. COLLEGE OF ENGINEERING
(An ISO 9001:2015 certified Institution)
(Sponsored by General & Technical Education Society, Gudivada
Affiliated to JNTU - KAKINADA & Approved by AICTE, New Delhi).
Gudivada, Krishna District, Andhra Pradesh - 521301
Phone: 08674-242188, Fax: 08674-242190
Email: vkrynbengineering@gmail.com
URI: <http://www.vkrynbcoe.org>
Department of Management Studies



CERTIFICATE

This is to certify that the project report titled **A STUDY ON MUTUAL FUNDS WITH SPECIAL REFERENCE TO BIRLA SUN LIFE ASSET MANAGEMENT COMPANY Ltd** submitted by **LOYA GAYATRI PRIYA (22NH1E0007)** is a work carried out by her in partial fulfillment for the award of Degree of **Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree.


PROJECT GUIDE


INTERNAL EXAMINER

HEAD OF DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R. V.N.B & A.G.K. College of Engineering,
GUDIVADA - 521 301



V.K.R. V.N.B & A.G.K COLLEGE OF ENGINEERING
(An ISO 9001:2015 Certified Institution)
(Sponsored by General & Technical Education Society,
Gudivada)



Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi
Gudivada, Krishna District, Andhra Pradesh – 521301 Phone:
08674-242188, Fax: 08674-242190
Email: vkrybengineering@gmail.com URL: <http://www.vkrynbcoe.org>
Department of MBA

CERTIFICATE

This is to certify that the project report titled **A STUDY ON INVENTORY MANAGEMENT** with special reference to **K.C.P.S & INDUSTRIES CORPORATION LTD. in Vuyyuru**. Submitted by **M. HARIKA ADI LAKSHMI (22NH1E0008)** is a bonafide work carried out by her in partial fulfilment for the award of Degree of Master of Business Administration by Jawaharlal Nehru Technological University Kakinada.

The project work is original and never has been a part of any degree.


PROJECT GUIDE


INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R. V.N.B & A.G.K College of Engineering,
GUDIVADA - 521 301



V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudur) Affiliated to
JNTU-KAKINADA & Approved by AICTE, New Delhi Gudur, Krishna
District, Andhra Pradesh - 521301 Phone: 08674-242188, Fax: 08674-242190

Email: ykrynbengineering@gmail.com URL: <http://www.ykrynbcoe.org>

Department of Management Studies



CERTIFICATE

This is to certify that the project report titled, "A STUDY ON CAPITAL BUDGETING with special reference to K.C.P. SUGAR INDUSTRIES CORPORATION LIMITED" submitted by M. SRUJANA (22NH1E0009) is a bona fide work carried out by her in partial fulfillment for the award of Degree of Master of Business Administration by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any other application or award of any degree.


PROJECT GUIDE


INTERNAL EXAMINER

HEAD OF DEPARTMENT

Head of the Department
Master of Business Administration
V.K.R, V.N.B & A.G.K College of Engineering
GUDUR - 521 301

EXTERNAL EXAMINER

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudivada Affiliated to
JNTU - KAKINADA & Approved by AICTE, New Delhi).Gudivada, Krishna
District, Andhra Pradesh – 521301

Phone: 08674-242188, Fax: 08674-242190

Email: vkrvnengineering@gmail.com

URL: <http://www.vkrvncoe.org>



Department of Management Studies

CERTIFICATE

This is to certify that the project report titled a study on STREESS MANAGEMENT statement with the special reference to Coco-Cola private limited submitted by Pamarthi Laya (Reg 22NH1E0010) is a work carried by him in a practice fulfillment for the award of Master Of Business Administration by Jawaharal Nehru Technology University Kakinada the project work is original and never have been a part of any degree.

M. Narendra

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF DEPARTMENT

EXTRNAL EXAMINER

Head of the Department
Master of Business Administration
VKR, VNB & AGK College of Engineering
GUDIVADA - 521 301



V.K.R.V.N.B.&A.G.K.COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society,

Gudivada, Affiliated to JNTU- KAKINADA & Approved by

AICTE, New Delhi). Gudivada, Krishna District, Andhra Pradesh-521301

Phone: 08674-242188, Fax: 08674-242190 Email: vkrvnengineering@gmail.com

URL: <http://www.vkrvnbcoc.org>



CERTIFICATE

This is to certify that the project report titled A STUDY ON RATIO ANALYSIS with special reference to KRISHNA DISTRICT CO-OPERATIVE CENTRAL BANK LTD submitted by P. SURYA NARAYANA is a bonafide work carried out by him in partial fulfillment for the award of Degree of Master of Business Administration by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree

P. Narayana
PROJECT GUIDE

[Signature]
INTERNAL EXAMINER

HEAD OF DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R.V.N.B.&A.G.K. College of Engineering
GUDIVADA - 521301



V.K.R. V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudur)

Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi

Gudur, Krishna District, Andhra Pradesh – 521301 Phone: 08674-

242188, Fax: 08674-242190

Email: ykrvbenengineering@gmail.com URL: <http://www.ykrvnbcoe.org>

Department of Management Studies



CERTIFICATE

This is to certify that the project report titled **A STUDY ON FINANCIAL STATEMENT ANALYSIS** with special reference to **K.C.P SUGAR and INDUSTRIES CORPORATION LIMITED**, submitted by **S. VIJAY KUMAR (22NH1E0012)** is a bonafide work carried out by him in partial fulfillment for the award of Degree of **Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree

M. Narendra
PROJECT GUIDE

[Signature]
INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

MBA Head of Department
VKR VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301
Krishna District, A.P.



V.K.R. V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

(Sponsored by General & Technical Education Society, Gudivada)
Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi
Gudivada, Krishna District, Andhra Pradesh – 521301 Phone: 08674-
242188, Fax: 08674-242190 Email: vkrybengineering@gmail.com



URI.: <http://www.vkrvnbeoe.org>

DEPARTMENT OF MANAGEMENT STUDIES

CERTIFICATE

This is to certify that the project report titled **A STUDY ON FINANCIAL STATEMENT ANALYSIS** with special reference to **KWALITY FEEDS LIMITED** in **Ramanapudi - Gudivada**. Submitted by **S.NAGENDRA KUMAR (22NH1E0013)** is a bonafide work carried out by him in partial fulfillment for the award of Degree of **Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree.

PROJECT GUIDE


INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration
V.K.R. V.N.B. & A.G.K. College of Engineering
GUDIVADA - 521 301



V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING
(An ISO 9001:2015 certified Institution)
(Sponsored by General & Technical Education Society, Gudivada)
Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi
Gudivada,

Krishna District, Andhra Pradesh - 521301
Phone: 08674-242188, Fax: 08674-242190
Email: vkrynbengineering@gmail.com URL: <http://www.vkrynbcoe.org>
Department of Management Studies



CERTIFICATE

This is to certify that the Project Work titled "E-RECRUITMENT PROCESS WITH REFERENCE TO HALCYON TECHNOLOGIES" is a bonafide work of S.SAI PAVITHRA (22NH1E0014) carried out in partial fulfillment for the award of degree of MASTER OF BUSINESS ADMINISTRATION of Jawaharlal Nehru Technological University, Kakinada under my guidance. This project work is original and never has been a part of any degree.

PROJECT GUIDE

INTERNAL EXAMINAR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINAR

Head of the Department
Master of Business Administration
V.K.R, V.N.B & A.G.K College of Engineering
GUDIVADA - 521 301



VKR VNB & AGK COLLEGE OF ENGINEERING,
(An ISO 9001:2015 certified Institution)
(Sponsored by General & Technical Education Society, Gudivada
Affiliated to JNTU-KAKINADA & Approved by AICTE, New Delhi).
Gudivada, Krishna District, Andhra Pradesh – 521301
Phone: 08674-242188, Fax: 08674-242190
Email: skrvnbengineering@gmail.com URL: <http://www.vkrvnbcoe.org>
Department of Management Studies



CERTIFICATE

This is to certify that the project report titled **A STUDY ON JOB SATISFACTION** with special reference to **KWALITY FEEDS LIMITED GUDIWADA** submitted by **V. HEMASRI (22NH1E0015)** is a work carried out by her in partial fulfilment for the award of Degree of **Master of Business Administration** by Jawaharlal Nehru Technological University Kakinada. The project work is original and never has been a part of any degree

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

MBA Head of Department
VKR VNB & AGK College of Engineering
Eluru Road, GUDIVADA-521 301
Krishna District, A.P.

V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING

(An ISO 9001:2015 certified Institution)

**(Sponsored by General & Technical Education Society, Gudivada Affiliated to
JNTU - KAKINADA & Approved by AICTE, New Delhi). Gudivada, Krishna
District, Andhra Pradesh – 521301**

Phone: 08674-242188, Fax: 08674-242190

Email: ykrynbengineering@gmail.com

URL: <http://www.ykrynbcoe.org>

Department of Management Studies



CERTIFICATE

This is to certify that the project report titled “**A STUDY ON FUNDS
FLOW STATEMENT WITH SPECIAL REFERENCE TO TVS
MOTOR COMPANY Ltd**”, submitted by **VURA DHANASRI NAGA
BALA PADMA PRIYA (22NH1E0016)** is a work carried out by her in
partial fulfillment for the award of Degree of **Master of Business
Administration** by Jawaharlal Nehru Technological University Kakinada.
The projectwork is original and never has been a part of any degree.

PROJECT GUIDE

INTERNAL EXAMINER

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Head of the Department
Master of Business Administration.
V.K.R, V.N.B & A.G.K College of Engineering
GUDIVADA - 521 301