

DEPARTMENT OF CIVIL ENGINEERING
PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE
(Affiliated to J.N.T.U., Kakinada & approved by A.I.C.T.E., New Delhi)
Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)



B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH EGG SHELL POWDER AND FLY ASH " being submitted by D.PARAM JYOTHI bearing Regd No.19N21A0102, of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI, JNTU KAKINADA has been approved.

Examiners:

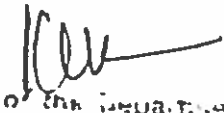
1. Project Guide

K.KIRAN KUMAR, M.Tech.

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2. Head of the Department

K.KIRAN KUMAR ,M.Tech.PhD

Associate Professor 
Head of the Department
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Examiners:

1. Project Guide

K.KIRAN KUMAR, M.Tech,

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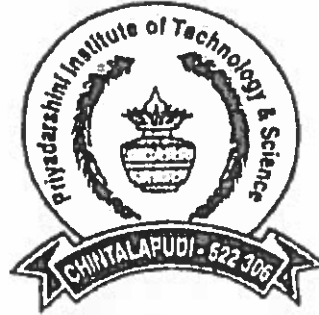
2. Head of the Department

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AS PARTIALLY REPLACEMENT OF FINE AGGRAGTE” being
submitted by MEDIBOYINA PRASAD bearing Regd No.192B1A0103. of
2020- 2023 batch in partial fulfillment of the requirement for the award of the
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PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE, CHINTAL
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K.KIRANKUMAR, M.Tech,

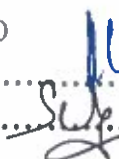
Assistant Professor..... 

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submitted by M MOSHE NAIK bearing Regd No.192B1A0104. of 2020-
2023 batch in partial fulfillment of the requirement for the award of the degree
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submitted by K PURNA CHANDHRARAO bearing Regd No.192B1A0109,
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submitted by Y GOPAIAH bearing Regd No.192B1A0108. of 2020- 2023
batch in partial fulfillment of the requirement for the award of the degree of
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Examiners:

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PARTIALLY REPLACEMENT OF FINE AGGRAGTE” being submitted by
K.LINGAIAH bearing Regd No. 202B5A0101. of 2020 - 2023 batch in partial
fulfillment of the requirement for the award of the degree of BACHELOR OF
TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF
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Examiners:

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G.CHAKRAVARTHI bearing Regd No. 20X25A0102. of 2020 - 2023 batch in
partial fulfillment of the requirement for the award of the degree of BACHELOR
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K.SIVA LAKSHMI bearing Regd No. 20X25A0111. of 2020 - 2023 batch in
partial fulfillment of the requirement for the award of the degree of BACHELOR
OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE
OF TECHNILOGY AND SCIENCE, CHINTALAPUDI. JNTU KAKINADA
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Examiners:

1. Project Guide

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R.VIJAYA LAKSHMI bearing Regd No. 192B1A0105. of 2019 - 2023 batch in
partial fulfillment of the requirement for the award of the degree of BACHELOR
OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE
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has been approved.

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled“AN EXPERIMENTAL INVESTIGATION ON BEHAVIOUR OF CONCRETE ON PARTIAL REPLACEMENT OF SAND WITH WASTE GLASS POWDER” being submitted by P PARIMALA bearing Regd No. 19X21A0112;. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING OF PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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Examiners:

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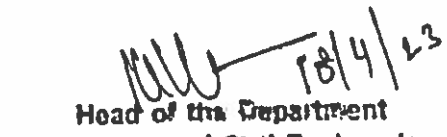
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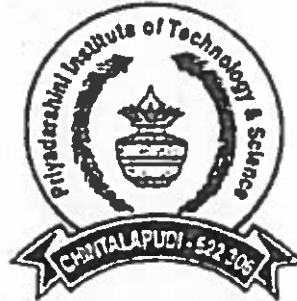
Associate Professor*K.K. 18/4/23*
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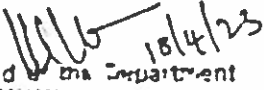
1. Project Guide

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Examiners:

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1. Project Guide

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Assistant Professor *P. Krishna*

2. Head of the Department

K.KIRAN KUMAR

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON BEHAVIOUR OF CONCRETE ON PARTIAL REPLACEMENT OF SAND WITH WASTE GLASS POWDER" being submitted by D SAMUEL bearing Regd No. 19X21A0112. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

P.N.V.N.PKRISHNA M.Tech,
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K.KIRAN KUMAR

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Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)



B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH EGG SHELL POWDER AND FLY ASH " being submitted by B.SAI KUMAR bearing Regd No.20X25A0101. of 2019-2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

K.KIRAN KUMAR, M.Tech,

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by R DURGA RAO bearing Regd No. 20X25A109, of 2019-2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI, JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by P.NARAYANA bearing Regd No. 20X25A0107. of 2020- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

K.SANGEETHA RAO, M.Tech.

Assistant Professor *K. Sangeetha*

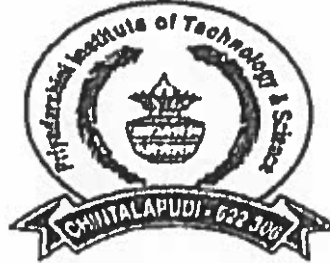
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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by T.POTHURAJU bearing Regd No. 18BJ5A0113. of 2018- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by K CHIKRAVARTHI bearing Regd No. 20X25A103. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by S.BALARAJU bearing Regd No. 19X21A0117. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

K.SANGEETHA RAO, M.Tech,

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by VALLIPALLI ASHOK bearing Regd No. 19X21A0119 of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

K.SANGEETHA RAO, M.Tech.

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B.TECH THESIS EVALUATION REPORT

This thesis entitled “AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE ” being submitted by Y.GOPI KRISHNA bearing Regd No. 19X21A0121. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

K.SANGEETHA RAO, M.Tech,

Assistant Professor *K. Sangeetha RAO*

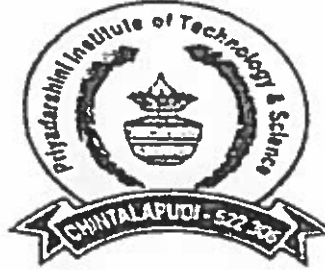
2. Head of the Department

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by SK.NAGURVALI bearing Regd No. 192B1A0107. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

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B.TECH THESIS EVALUATION REPORT

This thesis entitled “AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH” being submitted by SMARGARATE bearing Regd No.19X21A0115 of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved

Examiners:

1. Project Guide

CH.L.NAGABALA, M.Tech.

Assistant Professor..... *Ch. L. Nagabala*

2. Head of the

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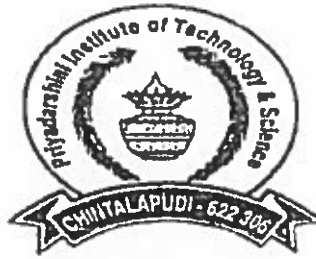
M.Tech, PhD

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF COCONUT SHELL AGGREGATE AS A PARTIAL REPLACEMENT FOR COARSE AGGREGATE IN QUALITY CONCRETE " being submitted by L.KRISHINA KANTHI bearing Regd No. 19X21A0107. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH" being submitted by M UMA BHARATHI bearing Regd No.19X21A0110 of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled “AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH” being submitted by P.CHAKRAVARTHY bearing Regd No. 19X21A0113. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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B. TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH" being submitted by M PREETHI bearing Regd No. 19X21A0109 of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved Examiners:

1. Project Guide

CH.L.NAGABALA, M.Tech,

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH" being submitted by R.NAGASESHI REDDY bearing Regd No. 19X2B1A0106. of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH" being submitted by bearing Regd No. 19X21A0101 of 2019- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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2. Head of the Department

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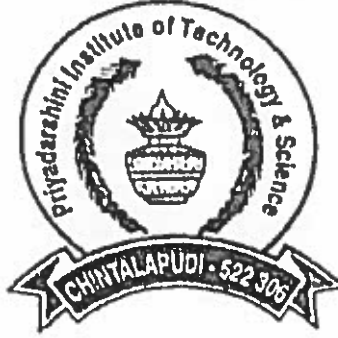
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B.TECH THESIS EVALUATION REPORT

This thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTHENING PROPERTIES OF CONCRETE PARTIALLY REPLACED WITH CEMENT BY RICE HUSK ASH" being submitted by K.VAMSI KRISHNA bearing Regd No. 20X25A0104. of 2020- 2023 batch in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY In CIVIL ENGINEERING of PRIYADARSHI INSTITUTE OF TECHNOLOGY AND SCIENCE CHINTALAPUDI. JNTU KAKINADA has been approved.

Examiners:

1. Project Guide

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18/4/23
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Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that this project titled **"MARKET BASKET ANALYSIS IN PYTHON"** is the bonafide work done by

G.JAYANTHI	19X21A0522
K.BINDHU	19X21A0535
K.VANITHA	19X21A0530
K.SAGAR MOJESH	192B1A0509

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

Chandy
Project Guide

CHANDU.DELHI POLICE, M. Tech
Assistant Professor

Chandy
Head of the Department

CHANDHU.DELHI POLICE M. Tech

Assoc. Prof. & HOD
Head of the Department

Computer Science & Engineering

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W. S. S.
External Examiner

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Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)

Department of computer science & Engineering



BONAFIED CERTIFICATE

This is to certify that this project titled "Forecasting ipad sales" is the bonafied work done by

K. DHARANI CHOWDARY - 19X21A0557
V. SOUNDARYA - 19X21A0571
G. SRINIVAS REDDY - 192B1A0506

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

K. Swarupa Rani
Project Guide

K. SWARUPA RANI
Assistant Professor

Chandu
Head of the Department

CHANDU DELHI POLICE

Assoc. Prof & HOD
Head of the Department
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External Examiner

PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE

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

Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)

Department of Computer Science & Engineering




BONAFIDE CERTIFICATE


This is to certify that this project titled "MOVIELENS DATA ANALYSIS"

is the bonafide work done by

K. RAMYA SREE	19X21A0538
G.DILEEP KUMAR	19X21A0523
P.LINGAMURTHY	19X21A0561

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

Project Guide

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Assistant Professor


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External Examiner _____


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306, Near Tenali, Guntur Dt. (A.P)

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BONAFIDE CERTIFICATE

This is to certify that this Project entitled as **“BRAIN TUMOUR DETECTION USING PYTHON”** is the bonafide work done by

M.YASODA	-19X21A0550
R.GAYATHRI	-19X21A0565
G.PRASAD	-19X21A0517
P.KIRANKUMAR	-19X21A0560

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING** submitted to JNTU Kakinada.

K. Brahmeswari

Project guide

K. BRAHMESWARI

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Chandu

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Sheela
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BONAFIDE CERTIFICATE


This is to certify that this project titled "SNAKES GAME USING PYTHON" is the bonafide work done by

K. PADMA SREE	-19X21A0533
P. SHAILUSHI	-19X21A0562
R. GNANESWARARAO	-19X21A0566
C.P. ANJALI	-192B1A0504

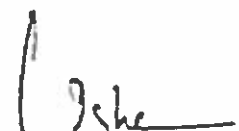
Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.


Project Guide

K. Venkata Rao
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CHANDIL DEHLI
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BONAFIDE CERTIFICATE


This is to certify that this project titled "**CUSTOMER LOAN PREDICTION ANALYSIS**" is the bonafide work done by

B. MADHURI	-19X21A0507
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Under my guidance and supervision in partial fulfillment for the award of
Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING** submitted
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B. Ajay Teja M. tech
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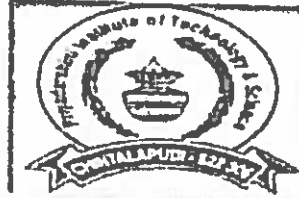

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BONAFIDE CERTIFICATE

This is to certify that this project titled "TWITTER BASED SENTIMENT ANALYSIS" is the Bona fide work done by

D.NAGA JYOTHI	-	19X21A0514
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B. PRASHANTHI	-	19X21A0504
G. PRASHANTH RAJ	-	19X21A0525

Under my guidance and super vision in partial fulfilment for the award of Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING** with computer Science & Engineering specialization during the academic period of 2019-2023.

Signature
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N. RAMBABU
Assistant Professor

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BONAFIDE CERTIFICATE

This is to certify that this project titled "HAND WRITTEN DIGITS RECOGNITION" is the bonafide work done by

K . SYAM	19X21A0532
K . JASWANTH KUMAR	19X21A0539
G . PRIYANKA	19X21A0524
M . SUCHARITHA	19X21A0547

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

K. Brahmawari
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K. BRAHMESWARI
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BONAFIDE CERTIFICATE

This is to certify that this project titled "**COVID-19 VACCINES ANALYSIS WITH PYTHON**" is the bonafide work done by

N.VINEESHA	19X21A0554
K.TIRUMALA	19X21A0531
B.SIRISHA	19X21A0505
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Under my guidance and supervision in partial fulfillment for the award of
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BONAFIDE CERTIFICATE

This is to certify that this project titled "WORD CLOUD IN PYTHON" is the bonafide work done by

N.JYOTHSNA	19X21A0557
T.RAJARAJESWARI	192B1A0526
CH.SANDEEP	19X21A0513
K.BHAVANNARAYANA	192B1A0508

Under my guidance and supervision in partial fulfillment for the award of
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K. Swarupa Rani
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K. SWARUPA RANI
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C. Laxmi
Head of the Department
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BONAFIDE CERTIFICATE

This is to certify that this project titled **RANDOM FOREST ANALYSIS USING PYTHON** is the Bonafide work done by

Nukala Anusha	-19X21A0558
Pitta Rajasekhar	-192B1A0519
Tumati Baji Babu	-192B1A0527
Giddamareppa Aswini	-19X21A0521

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A. Bharathi devi
Signature

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EXTERNAL EXAMINER

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Head of the Department
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This is to certify that this project titled "IMAGE ANALYSIS" is the bonafide work done by

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M.SANDEEP	19X21A0546
B.BHARGAVI	19X21A0508
K.RAJESH	19X21A0536

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

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BONAFIDE CERTIFICATE

This is to certify that this project titled **“SENTIMENT ANALYSIS
OF DATA USING ON PYTHON..** is the bonafide work done by

G. MEGHANA	-19X21A0526
M. G. THARAKA RAM	-19X21A0551
M. SAGAR	-19X21A0548
A. PRASANNA LAKSHMI	-19X21A0501

Under my guidance and supervision in partial fulfillment for the award of

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Submitted to JNTU Kakinada.

K. Srujitha

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K. SRUJITHA
Assistant professor

Chandu

Head of the Department

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that this project titled "A MACHINE LEARNING
METHODOLOGY FOR DIAGNOSING CHRONIC KIDNEY DISEASE" is
the bonafide work done by

K.MOUNIKA	-19X21A0543
B.PUJETHA	-19X21A0510
SK.SHAHEENA	-19X21A0568
M.PUJITHA	-19X21A0552

Under my guidance and supervision in partial fulfillment for the award of
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BONAFIDE CERTIFICATE

This is to certify that this project titled "GENDER AND AGE BASED FACIAL RECOGNITION WITH DEEP LEARNING NEURAL NETWORK ALGORITHM- is the bonafide work done by

N. MASTAN VALI	19X21A0556
R. SUREKHA REDDY	19X21A0564
V. NAVEEN	19X21A0570

Under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU Kakinada.

Chandy
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CHANDU.DELHI POLICE
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Chandy
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2022-23

PRIYADRSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE

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(Postal Code: 522201, Near Tenali, Guntur D.T.A.P)

Department of Computer Science & Engineering



BONA FIDE CERTIFICATE

This is to certify that this project titled "CRIME DATA ANALYSIS" is
the bonafide work done by

SNEELIMA	-19X21A0567
ESREEKAVYA	-19X21A0516

Under my guidance and supervision in partial fulfillment for the award of Bachelor of
Technology in COMPUTER SCIENCE & ENGINEERING submitted to JNTU

Kakinada.
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K VENKAT RAO
Assistant Professor

Head of the Department
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(Affiliated to JNTU Kakinada & Approved by AICTE New Delhi)
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BONAFIED CERTIFICATE

**This is to certify that this project title “Hubway data analysis”
is the bonafied work done by**

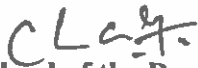
N. TIRUMALA VENKATA KALYAN - 192B1A0517

M. CHINNA BABU - 192B1A0511

M. MADHU SUDHAN - 19X21A0553

**Under my guidance and supervision in partial fulfillment for the
award of Bachelor of Technology in COMPUTER SCIENCE &
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Project Guide
K. VENKATA RAO
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Chintalapudi-522 306, Near Tenali, Guntur DL (A.P)

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that this project titled “**CLASSIFICATION OF POETRY TEXT INTO THE EMOTIONAL STATES USING DEEP LEARNING TECHNIQUE**” is the bonafide work done by

S.HUSSAIN VALI	192B1A0524
N.PAVAN KUMAR	192B1A0516
K.VENKATESH	19X21A0540
M.GOPI	19X21A0549

Under my guidance and supervision in partial fulfillment for the award of
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B.AJAY TEJA
Assistant Professor

Head of the Department
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External examiner

**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**



CERTIFICATE

This is to certify that the project report entitled "CHANNELS OF DISTRIBUTION" is a bonafide record carried out by RAVELA KISHORE BABU Regd. No.21X21E00A0, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

Viva voce Date:

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Mr. Dr A. Srikanth babu
M.B.A, M.Com, Ph.D

Principal
Dr. N. Lakshmi Narayana
Principal, M.Tech, Ph.D

Internal Examiner

External Examiner


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CERTIFICATE

This is to certify that the project report entitled "PROFITABILITY ANALYSIS" is a bonafide record carried out by R.RAMYA SREE, (Regd.No:21X21E00D3) who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLA NEHRUTECHONOLOGICALUNIVERSITY, Kakinada during the academic year 2021-2023

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Principal, M.Tech, Ph.D


Internal Examiner


External Examiner

**DEPARTMENT OF BUSINESS ADMINISTRATION
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CHINTALAPUDI**

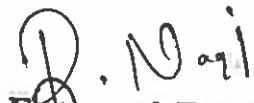



CERTIFICATE

This is to certify that the project report entitled "PERFORMANCE APPRAISAL" is a bonafide record carried out by CHANDOLU SANDHYA Regd.No. 21X21E0014, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION OF JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:


Internal Examiner


External Examiner


HEAD OF THE DEPARTMENT
Mr. DrA. Srikanth Babu
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**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**





CERTIFICATE

This is to certify that the project report entitled "TRAINING AND DEVELOPMENT" is a bonafide record carried out by K.D.SRI VENKATA SAI Regd.No. 21X21E00D4, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION OF JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:


Internal Examiner


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**HEAD OF THE DEPARTMENT
Mr. A. Srikanth Babu
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CHINTALAPUDI**




CERTIFICATE

This is to certify that the project report entitled "A STUDY ON PAYROLL MANAGEMENT WITH REFERENCE TO DELTA SUGARS LIMITED, VIJAYAWADA" is a bonafide record carried out by CH. VAISHNAVI, Regd. No. 21X21E0018, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharal Nehru Technological University, Kakinada during the academic year 2021-2023

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DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI



25

CERTIFICATE

This is to certify that the project report entitled "A STUDY ON EMPLOYEE MOTIVATION WITH REFERENCE TO SANGAM MILK PRODUCER COMPANY LTD, VADLAMUDI" is a bonafide record carried out by V.SONY, Regd. No.21X21E00C3, who carried out under our guidance and supervision. as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University, Kakinada during the academic year 2021-2023

Viva voce Date:


Internal Examiner


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HEAD OF THE DEPARTMENT

Mr.A.Srikanth Babu
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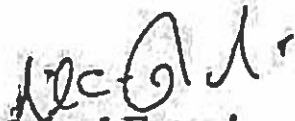
**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON MUTUAL FUNDS WITH EQUITY SHARES WITH REFERENCE TO INDIA INFOLINE LTD, GUNTUR" is a bonafide record carried out by SK.SUBHANI, Regd. No.21X21E00A6, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University. Kakinada during the academic year 2021-2023

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Internal Examiner


External Examiner


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CERTIFICATE

This is to certify that the project report entitled "RECRUITMENT & SELECTION" is a bonafide record carried out by P. THRIVENI, Regd.No.21X21E0096, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:



Internal Examiner



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This is to certify that the project report entitled "A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO VIJAYA DAIRY, VIJAYAWADA" is a bonafide record carried out by R.KRISHNA PRIYA, Regd. No.21X21E00A2, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University, Kakinada during the academic year 2021-2023

Viva voce Date:

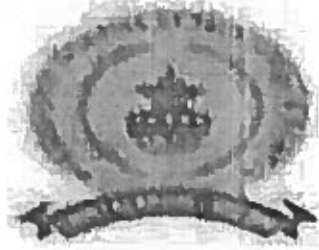

Internal Examiner


External Examiner


HEAD OF THE DEPARTMENT

**Mr.A.Srikanth Babu
M.B.A,M.Com,Ph.D**

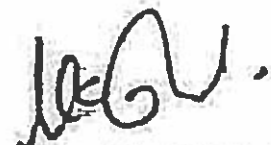
**DEPARTMENT OF BUSINESS ADMINISTRATION
PRYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON VALUATION OF SHARES WITH REFERENCE TO SHAREHAN LTD, VIAYAWADA" is a bonafide record carried out by K.V.S.GURUMURTHY, Regd.No.21X21E0056, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University, Kakinada during the academic year 2021-2023

Viva voce Date:


Internal Examiner


External Examiner


HEAD OF THE DEPARTMENT

Mr.A.Srikanth Babu
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**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE**

CHINTALAPUDI



CERTIFICATE

This is to certify that the project report entitled "DIGITAL MARKETING" is a bonafide record carried out by PATAN BARISHAIDA Regd.No.21X21E0087, who carried out under our guidance and supervision as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

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31/01/23
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HEAD OF THE DEPARTMENT

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**DEPARTMENT OF BUSINESS ADMINISTRATION
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CERTIFICATE

This is to certify that the project report entitled "JOB SATISFACTION" is a bonafide record carried out by DARUNA LAKSHMI PRASANNA. Regd.No.21X21E0025, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2019-2021

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HEAD OF THE DEPARTMENT
Mr. Dr. A. Srikanth Babu
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**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**




CERTIFICATE

This is to certify that the project report entitled "A STUDY ON COMPENSATION MANAGEMENT WITH REFERENCE TO KCP SUGAR AND INDUSTRIES CORPORATION LTD, VUYYURU" is a bonafide record carried out by IPREMA KUMARI, Regd. No.21X21E0037, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University, Kakinada during the academic year 2021-2023

Viva voce Date:


Internal Examiner


External Examiner


HEAD OF THE DEPARTMENT

**Mr.A.Srikanth Babu
M.B.A,M.Com,Ph.D**

**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**




CERTIFICATE

This is to certify that the project report entitled **JOB SATISFACTION** is a bonafide record carried out by N.SAI PAVANI, Reg. No: 21X21E0081, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:


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External Examiner


HEAD OF THE DEPARTMENT

**Mr.A.Srikanth babu
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DEPARTMENT OF BUSINESS ADMINISTRATION
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CHINTALAPUDI



CERTIFICATE

This is to certify that the project report entitled
“EMPLOYEE CAREER PLANNING” is a bonafide
record carried out by CH.GOPI BABU
(Regd.No:21X21E0022) who carried out under our
guidance and supervision, as a partial fulfillment for the
award of Master of Business Administration degree in
the Department of BUSINESS ADMINISTRATION of
JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, Kakinada during the academic year
2021-2023

Viva voce Date:


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M.B.A,M.Com, Ph.D

Principal
Dr.N. Lakshmi Narayana
Principal, M.Tech, Ph.D


Internal Examiner


External Examiner

DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON FUNDS FLOW STATEMENT WITH REFERENCE TO ITC LIMITED, GUNTUR" is a bonafide record carried out by LSWATHI, Regd.No.21X21E0060, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of Business Administration Of Jawaharlal Nehru Technological University, Kakinada during the academic year 2021-2023

Viva voce Date:


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**DEPARTMENT OF BUSINESS ADMINISTRATION
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CHINTALAPUDI**



CERTIFICATE

This is to certify that the project report entitled "RATIO ANALYSIS" is a bonafide record carried out by DASARI LAKSHMI DURGA (Regd.No:21X21E00D2) who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

Viva voce Date:

HEAD OF THE DEPARTMENT
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Principal
Dr.N. Lakshmi Narayana
Principal, M.Tech, Ph.D


External Examiner

**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**




This is to certify that the project report entitled "CUSTOMER RELATIONSHIP MANAGEMENT" is a bonafide record carried out by CH.SACHIN, (Regd. No. 21X21E00D8), who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:


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Dr.N. Lakshmi Narayana
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External Examiner


Internal Examiner


DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI



CERTIFICATE

This is to certify that the project report entitled "JOB SATISFATION" is a bonafide record carried out by I VENKATESWARLU (Regd.No:21X21E0036) who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHONOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

Viva voce Date:


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DEPARTMENT OF BUSINESS ADMINISTRATION
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CHINTALAPUDI



CERTIFICATE


This is to certify that the project report entitled "EMPLOYEE SATISFACTION" is a bonafide record carried out by P. YAMINI , (Regd.No:21X21E0085) who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

Viva voce Date:


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External Examiner

**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**




CERTIFICATE

This is to certify that the project report entitled “TRAINING AND DEVELOPMENT” is a bonafide record carried out by, YEPURI HARIKA Regd. No. 21X21E00D9, who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:


Internal Examiner


External Examiner


**HEAD OF THE DEPARTMENT
Mr. Dr A. Srikanth Babu
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**DEPARTMENT OF BUSINESS ADMINISTRATION
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI**



CERTIFICATE

This is to certify that the project report entitled "LABOUR WELFARE MEASURES" is a bonafide record carried out by CH.RAHUL (Regd.No:21X21E0016) who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023

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**HEAD OF THE DEPARTMENT
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**Principal
Dr.N. Lakshmi Narayana
Principal, M.Tech, Ph.D**


Internal Examiner



External Examiner

**DEPARTMENT OF BUSINESS ADMINISTRATION
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CHINTALAPUDI**



This is to certify that the project report entitled "MARKETING MIX" is a bonafide record carried out by V.BHUVANESH (Regd. No. 21X21E00C1), who carried out under our guidance and supervision, as a partial fulfillment for the award of Master of Business Administration degree in the Department of BUSINESS ADMINISTRATION of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Kakinada during the academic year 2021-2023.

Viva voce Date:

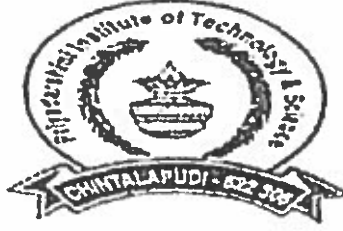

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Dr.N. Lakshmi Narayana
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
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Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)



BONAFIDE CERTIFICATE

This is to certify that this project titled "HYSTERESIS CONTROLLED
BASED POWER QUALITY IMPROVEMENT IN A RENEWABLE ENERGY
SOURCE CONNECTED TO UTILITY GRID WITH BESS BASED STATCOM"
is the bonafide work done by

M SOMASEKHAR	192B1A0201
D GANESH	20X25A0201
P ANKAMMARAO	19X21A0204
P CHAKRAVARTHI	20X25A0207

under my guidance and super vision in partial fulfilment for the award of Bachelor of
Technology in Electrical & Electronics Engineering to the JNTU KAKINADA.

M. Sravani
Signature

Project guide

Miss M SRAVANI (M.Tech)

M. Sivan
Signature

Head of Department

Mr. M.SIVA NAGESWARA RAO (M.Tech)

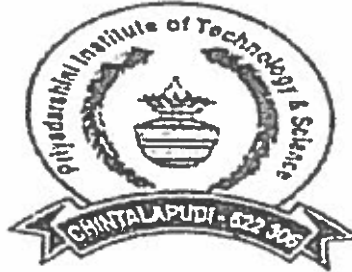
Rangh
EXTERNAL EXAMINER

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U., Kakinada & approved by A.I.C.T.E., New Delhi)

Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)

(2019-2023)



BONAFIDE CERTIFICATE

This is to certify that this project titled "A NOVAL CONTROL STRATEGY FOR PV/WIND/BATTERY HYBRID SYSTEM USING HIGH GAIN BOOST CONVERTER" is the bonafide work done by

T KASAJAH	192B1A0202
D ASHOK KUMAR	20X25A0202
B VAMSI	19X21A0202
T SANDHYA	20X25A0208


under my guidance and super vision in partial fulfilment for the award of Bachelor of Technology in Electrical & Electronics Engineering to the JNTU KAKINADA.


Signature

Project guide
Mr. G RAVI KUMAR (M Tech)


Signature

Head of department
Mr. M SIVA NAGESWARA RAO (M Tech)


EXTERNAL EXAMINER:

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Chintalapudi (VIL) - 522306, Near Tenali, Duggirala (MD), Guntur (DT), A.P.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "**DESIGN AND ANALYSIS OF A GEAR BOX**" is being submitted by **T.SHALEM RAJU (192B1A0311)** in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.


25/04/2023
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Dr. K. LALITHA BABU M.Tech, (Ph.D)
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Head Of the Department

Dr. K. LALITHA BABU M.Tech, (Ph.D)
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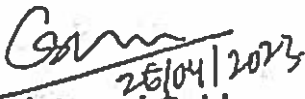
Chintalapudi (VI) - 522306, Near Tenali, Duggirala (MD), Guntur (DT), A.P.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A GEAR BOX" is being submitted by K.SUNNY (192B1A0307) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.



28/04/2023
Internal Guide

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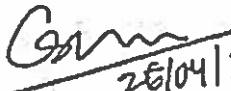
Chintalapudi (VIL) - 522306, Near Tenali, Duggirala (MD), Guntur (DT), A.P.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A GEAR BOX" is being submitted by T.MURALI KRISHNA (19X21A0311) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.



28/04/2023
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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A GEAR BOX" is being submitted by P.ESWAR SUBRAHMANYAM (20X25A0322) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.



28/04/2023
Internal Guide

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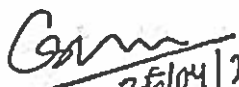
Chintalapudi (VIL) - 522306, Near Tenali, Duggirala (MD), Guntur (DT), A.P.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A GEAR BOX" is being submitted by **GORIPARTHI GANESH (20X25A0310)** in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.



25/04/2023
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EXTERNAL EXAMINER


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Chintalapudi (VIL) - 522306, Near Tenali, Duggirala (MD), Guntur (DT), A.P.



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by G.T.V SIVA RAMAKRISHNA (20X25A0309) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu
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Associate Professor

K. Lalitha Babu
Head Of the Department

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Associate Professor

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by NALUBOLU SUMANTH (19X21A0306) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu
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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by CHOKKA DEEN KUMARH (20X25A0307) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu
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K. Lalitha Babu
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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by D.DAVID RAJU (20X25A0308) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu
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A SURESH BABU M.Tech,
Associate Professor

K. Lalitha Babu

Head Of the Department

Dr. K. LALITHA BABU M.Tech, (Ph.D)
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CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by JOGI MALLIKARJUNA (20X25A0313) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu
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Associate Professor

K. Lalitha Babu
Head Of the Department

Dr. K. LALITHA BABU M.Tech, (Ph.D)
Associate Professor

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EXTERNAL EXAMINER

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND FE ANALYSIS OF A DIESEL ENGINE PISTON" is being submitted by G.SRINIVASA RAO (20X25A0311) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

A. Suresh Babu

Internal Guide

A SURESH BABU M.Tech,
Associate Professor

K. Lalitha Babu

Head Of the Department

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Associate Professor

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by BATTULA KUMAR (20X25A0302) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

U. Mahesh

Internal Guide

U.MAHESH

Assistant Professor

K. Lalitha Babu

Head Of the Department

Dr. K. LALITHA BABU M.Tech, (Ph.D)

Associate Professor

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EXTERNAL EXAMINER

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Dr. N. Lakshmi Narayana M.Tech, Ph.D

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by MEKALA GOVINDU (20X25A0318) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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Associate Professor

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by VUSA PAVAN KUMAR (20X25A0304) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by GUNDA SIVA (20X25A0312) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by H.PRATHAP (192B1A0305) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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DEPARTMENT OF MECHANICAL ENGINEERING

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A CAM SHAFT" is being submitted by V.VIJAYA GANGADHAR (20X25A0329) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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DEPARTMENT OF MECHANICAL ENGINEERING

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by A.YASWANTH (19X21A0301) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by A.ASHISH (19X21A0314) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by U.MAHENDRA (19X21A0313) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by M.ABHINAY PREETHAM (20X25A0319) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by NARRA BAJI BABU (20X25A0321) in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN AND ANALYSIS OF A TURBINE BLADE" is being submitted by M.NAGALAKSHMAN (20X25A0317) in the partial fulfillment of therequirement for the award of the degree in **MECHANICAL ENGINEERING** for the acadimicyear 2019-2023.This work is done under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by S.ANJI BABU (192B1A0310) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by P.SANDEEP (20X25A0323) in the partial fulfillment of therequirement for the award of the degree in MECHANICAL ENGINEERING for the acadimicyear 2019-2023.This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by S.SANDEEP KUMAR (19X21A0310) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by CH N V SAI PAVANKALYAN (20X25A0305) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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DEPARTMENT OF MECHANICAL ENGINEERING

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This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by CH.SAITEJA (20X25A0306) in the partial fulfillment of the requirement for the award of the degree in MECHANICAL ENGINEERING for the academic year 2019-2023. This work is done under my supervision and guidance.

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This is to certify that the project entitled "DESIGN OF 150CC IC ENGINE CONNECTING ROD" is being submitted by **M.JYOTHI NAGA SAI (20X25A0320)** in the partial fulfillment of the requirement for the award of the degree in **MECHANICAL ENGINEERING** for the academic year 2019-2023. This work is done under my supervision and guidance.

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BONA FIDE CERTIFICATE


This is to certify that this project titled "SIGNATURE VERIFICATION USING
NORMALISED STATIC FEATURES AND VERIFICATION" is the bonified work
done by

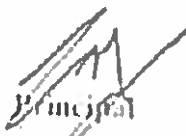
G.SOWMYA	19X21A0417
M.SHARMILA	19X21A0429
K.GOPI	192B1A0404
M.PRABHANAND	19X21A0427
T.RATNAKUMAR	19X21A0442

Under my guidance and supervision for the award of Bachelor of Technology in Electronics &
Communication Engineering to the JNTU KAKINADA.

Signature signature signature


Project guide
PT Balakrishna M.tech


HOD
SK Sahir M tech


Principal
D Lakshmi Narayana p hd
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DEPARTMENT OF ELECTRONICS & COMMUNICATIONS ENGINEERING

BONAFIDE CERTIFICATE

This is to certify that the project entitled "AUTOMATIC OF TRAFFIC CONTROL SYSTEM USING MORPHOLOGICAL OPERATIONS" a bonafide work of S. NAGASRAVANI(20X25A0407), B SIVA(192B1A0401), MANITHA(19X21A0426), T. BINDU(19X21A0441), S SUBBARAO(19X21A0439)

In the partial fulfillment of the requirement for the award of the degree of BACHELOR of Technology in ELECTRONICS & COMMUNICATIONS ENGINEERING for the academic year 2019-23. This work is done under our guidance and supervision.

Kuganl. Chandana.
Signature

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CHANDANA M.Tech

R. Subbarao
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DR. N. Lakshmi Narayana
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Principal

DR.N.Lakshmi Narayana

EXTERNAL EXAMINER: *T.R. Vishnu*

A ROBUST MP3 AUDIO STEGANOGRAPHY WITH IMPROVED CAPACITY

Department of electronics & communication engineering

Priyadarshini institute of technology and science

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Chintalapudi-522306, near tenali, guntur Dt.(A.P)



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M MEGHANA (19X21A0423)

A OMLA (19X21A0403)

J DINESH KUMAR (19X21A0411)

R GOPI (19X21A0436)

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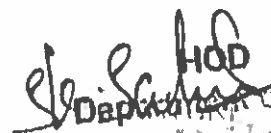
BONAFIDE CERTIFICATE

This is to certify that the project entitled "SOIL CLASSIFICATION & CHARACTERIZATION BY USING IMAGE PROCESSING" is a bonafide work of in the partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in ELECTRONICS & COMMUNICATION ENGINEERING for the academic year 2019-2023. This work is done by

A.PRAVALLIKA	19X21A0402
B MEGHANA	19X21A0405
CH.LAKSHMI SIREESHA	19X21A0410
M.SUHASINI	19X21A0422
T DEV ANAND	192B1A0402


MISS G ANJANI (M.TECH)

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522306 ,Near Tenali ,Guntur Dt (A P)

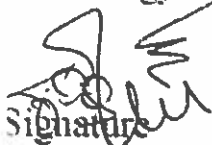


BONAFIDE CERTIFICATE

This is to certify that this project titled "COLOR BALANCE AND FUSION FOR UNDERWATER IMAGE ENHANCEMENT" is the bonafide work done by

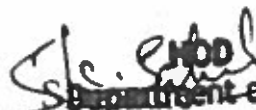
Y MOUNIKA	19X21A0448
D DIVYA	19X21A0412
E SWAPNA	19X21A0414
EESUB BAIG	19X21A0415
P CHINNA	192B1A0405

under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in Electronics & Communication Engineering to the JNTU KAKINADA,


Signature

Project Head

Mr.K.Rakesh,M.Tech,


Department of ECE
Priyadarshini Institute of Technology & Science
CHINTALAPUDI - 522 306
Mrs.S.S.Tenali, Guntur (Dist.)
Mrs.S.S.Tenali, M.Tech


Signature

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PRIYADARSHINI INSTITUTE OF
TECHNOLOGY & SCIENCE
DR.N.Lakshmi Narayana, Ph.D
CHINTALAPUDI, Duggirala M.,
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EXTERNAL EXAMINER


J. R. Vishnu

CLASS ATTENDANCE MANAGEMENT SYSTEM USING FACE
RECOGNITION

PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U., KAKINADA & approved by A.I.C.T.E., New Delhi)

Chintalapudi-522 306, Near Tenali, Guntur Dt. (A.P)



BONAFIDE CERTIFICATE


This is to certify that the Project entitled "CLASS ATTENDANCE MANAGEMENT SYSTEM USING FACE
RECOGNITION" is a bonafide work


done by

I RAJITHA	(19X21A0419)
CH.D.M.SAI LAKSHMI	(19X21A0409)
P SURESH	(19X21A0433)
P SIREESHA	(19X21A0434)
P BHANU PRAKASH	(19X21A0431)

Under my guidance and supervision for the award of Bachelor of Technology in
Electronics & Communication Engineering to the JNTU KAKINADA


PROJECT GUIDE
P. S. VAN KUMAR, Mtech.


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HOD
SK SAHIR, MTech


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CHINTALAPUDI, NEAR TENALI, GUNTUR (DT.) - 522306. AP



DEPARTMENT
OF
ELECTRONICS & COMMUNICATION ENGINEERING

BONAFIDE CERTIFICATE

This is to certify that the project entitled "AN ANALYSIS ON
LPC, RASTA AND MFCC TECHNIQUES IN AUTOMATIC SPEECH RECOGNITION
SYSTEM" is the bonafided work done by

I ANJALI

20X25A0404

R AMRUTHA PRIYA

192B1A0406

P.V.S SUDARSAN

19X21A0430

L JYOTHIRMAI

19X21A0421

J NAGESWARA RAO

20X25A0405

Under the guidance and super vision in partial fulfilment for the award of
BACHELOR OF TECHNOLOGY IN ELECTRONICS & COMMUNICATION
ENGINEERING to the JNTU KAKINADA

Ch. Pushpa

SIGNATURE
PROJECT GUIDE
MRS. CH. PUSHPA [M.TECH]

SK Sahir

SIGNATURE
HEAD OF THE DEPARTMENT
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MR. N. Lakshmi Narayana

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MR. N. LAKSHMI NARAYANA [PH.D]

EXTERNAL EXAMINER

T. R. Vishnu

(Affiliated to J.N.T.U.,Kakinada & approved by A.I.C.T.E.,New Delhi)

Chintalapudi-522306,Near Tenali,GunturDt.(A.P) 2019-2023

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.,Kakinada & approved by A.I.C.T.E.,New Delhi)

Chintalapudi-522306,Near Tenali,GunturDt.(A.P)



BONAFIDE CERTIFICATE

This is to certify that this project titled "IMAGE ENCRYPTION AND DECRYPTION ALGORITHM BASED ON THE CHAOTIC SYSTEM" is the bonafide work done by G.RUPASRI(20X25A0403),SK.SHARMILA (19X21A0438),G.MALESH(19X21A0416),S.NANI(19X21A0440),A.HEMANTH (19X21A0401), under my guidance and supervision in partial fulfillment for the award of Bachelor of Technology in Electronics & Communication Engineering to the JNTU KAKINADA.

SK. Sahir

SG GUIDE

SR 16,TECH

SK. Sahir

Signature

H.O.D

SK.SAHIR M.TECH

HOD

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DR.N. Lakshmi Narayana

Signature

Principal

DR.N. LAKSHMI NARAYANA
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CHINTALAPUDI, Duggirala M...
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EXTERNAL EXAMINER:

T.R. Vishnu

PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE

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

Chintalapudi-522306, Near Tenali, Guntur Dt. (A.P)

Department of Electronics and Communication Engineering



BONAFIDE CERTIFICATE

This is to certify that this project title "Tumor Detection & Classification of MRI brain image using different wavelet transforms & SVMs" is the bonafide work done by

T LAKSHMI PRIYANKA - 19X21A0443
Y MEGHANA - 19X21A0447
E SANJAY KUMAR - 19X21A0413
M SYAMALA - 19X21A0425
D INDRESHI - 20X25A0401

Under our guidance of supervision in partial fulfilment for the award of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING submitted to JNTU Kakinada

Project Guide
B. Divakar, M.tech

HOD
Sk. Sahir, M.tech

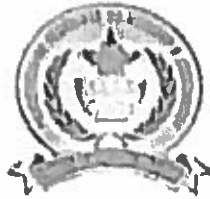
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D.Lakshmi Narayana ph.d
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T.R. Vishnu
External Examiner

Guntur - 522306

DEPARTMENT OF ELECTRONICS & COMMUNICATIONS
ENGINEERING

PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE
(Affiliated to JNTU-K & Approved by AICTE - New Delhi) 2019-2023
CHINTALAPUDI, NEAR TENALI, GUNTUR (Dist.) - 522306, AP



VERAFIDE CERTIFICATE

This is to certify that the project entitled " FACIAL FEATURES
MONITORING FOR REAL TIME DROWSINESS DETECTION "

is a bona fide work done by

SK. FARJANA	[20X25A0108]
B. RAMI MENAIK	[19X21A0308]
SK. FAYAZUDDIN	[19X21A0357]
V. PUNIPARATHI	[19X21A0345]
P. SIVA NAGA PRASAD	[20X25A0306]

in the partial fulfilment of the requirement for the award of the degree of
Bachelor of Technology in ELECTRONICS & COMMUNICATION
ENGINEERING for the academic year 2019-2023. This work is done under our
guidance and supervision.

Signature of Guide

Signature of Guide

T.P. Vishnu

Signature of Internal Examiner

Sh. Raju

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