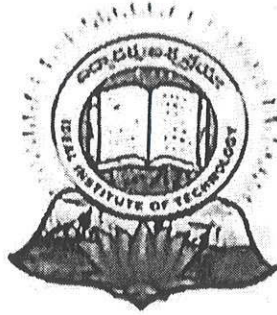


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Vidyut Nagar, Kakinada-533003, E.G. DC, ANDHRA PRADESH.
2017-2021

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "COMPARATIVE ANALYSIS OF PRE ENGINEERED BUILDING AND CONVENTIONAL STEEL BUILDING USING STAADPRO" is a bonafide work of P ANAND (176K1A0142), MOHAMMAD SAJID (176K1A0136), S. MOHANA KRISHNA (176K1A0147), V. JAYA VARDHAN (176K1A0151), L. MANEESHA (176K1A0129) submitted to the department of CIVIL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project guide

D. RAMYA, MTech,

Signature of the HOD

K. SUMAVALLI, M.E.

EXTERNAL EXAMINER

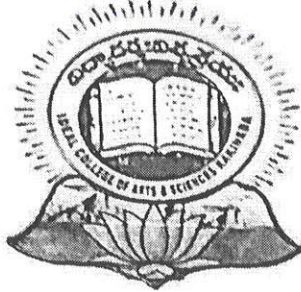
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IDEAL INSTITUTE OF TECHNOLOGY

Vidyut Nagar, Kakinada- 533003, E.G.Dt, Andhra Pradesh

Approved by AICTE Affiliated to JNTUK, Kakinada

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is certify that the project work entitled , " EFFECTIVENESS OF USING PLASTIC WASTE IN MAKING FLY ASH BRICKS " is a bonafide work of A. DATTESWAR SAI (186K5A0102) , G. AKHIL (176K1A0114) , M. ANIL KUMAR (176K1A0134) , G. APPAL RAJU (176K1A0150) , E. LAKSHMI NARAYANA (186K5A0118) submitted to the department of Civil Engineering , in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in DEPARTMENT OF CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

A. SRINIVAS, M. TECH

2/c

Signature of HOD

K. SUMAVALLI, M. TECH

Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

EXTERNAL EXAMINER

IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003, E.G. DT, ANDHRA PRADESH.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "EFFECTIVENESS OF USING FOUNDARY SAND IN MAKING HIGH STRENGTH CONCRETE" is a bonafide work of K.S.S. RAMADEVI (176K1A0126), R.S. ANANYA SHIVANI (176K1A0146), A.V. SAI KUMAR (176K1A0102), K. ANIL KUMAR (186K5A0114), D. SUJATHA (176K1A0111) submitted to the department of civil engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. A. SRINIVAS, M. TECH

Signature of the HOD

Mrs. K SUMAVALLI, M.E

External Examiner

Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

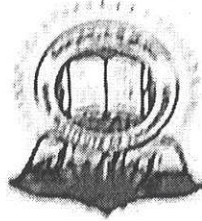
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533003, E G. DI, ANDHRA PRADESH.

2017-2021

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "A COMPARATIVE STUDY OF STRENGTH OF SUGARCANE BAGASSE ASH AND RICE HUSK ASH AS A PARTIAL REPLACEMENT OF CEMENT" is a bonafide work of E. SHAKINA (170K1A0154), B.MANOZNA SRUTHISHA (170K1A0100), G. SRINIVASU (170K1A0110), K. AJAY (170K1A0127), T. VEERABABU (170K1A0149) submitted to the department of CIVIL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinda.

Signature of the project guide
Mr. R. KIRANKUMAR, M.Tech.,
Assistant Professor

Signature of the HOD
Mrs. K. SUMAVALLI, M.E.,
Head of the Department

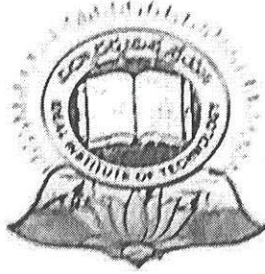
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINDA

EXTERNAL EXAMINER

IDEAL INSTITUTE OF TECHNOLOGY

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Vidyutnagar, Kakinada-533003, E.G.D, ANDHRA PRADESH.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "AN APPROACH TO BAMBOO REINFORCEMENT FOR LOW COST BUILDINGS" is a bonafide work submitted to the department of CIVIL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. R. KIRAN KUMAR, M.Tech.
Assistant Professor

Signature of the HOD

Mrs. K. SUMAVALLI, M.Tech.
Head of the Department

External Examiner

Principal

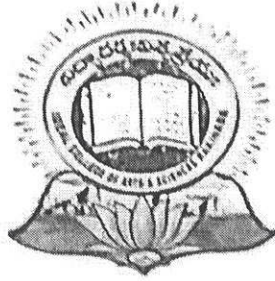
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P. Jyothi Surekha (176K1A0152) A. Lakshman Rao (176K1A0103)
Y. Sunitha (176K1A0153) O. Ratna Babu (176K1A0140)
V. RaviTeja (186K5A0111) M. Abdul Samdani Basha (176K1A0135)

CERTIFICATE

This is to certify that the project work entitled, "NO-FINES CONCRETE" is a bonafide work of submitted to the department of **CIVIL ENGINEERING**, in partial fulfillment of the requirement the award of the degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** from **IDEAL INSTITUTE OF TECHNOLOGY**, Kakinada.

V. Taranga
Signature of the project guide

V.TARANGA, M. Tech.

Assistant Professor of Civil

Engineering Department

K. Sumavalli
Signature of the HOD

K.SUMAVALLI, M.E.

Head of Department

Civil Engineering

EXTERNAL EXAMINAR

T.S.J.
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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Vidyut Nagar, Kakinada-533003, E.G.DL., ANDHRA PRADESH

DEPARTMENT OF CIVIL ENGINEERING




CERTIFICATE

T. LAKSHMI SIRISHA	176K1A0148
G. LIKHITHA BALA TRIPURA SUNDARI	176K1A0118
M.GANESH	186K15A0108
K. MOHAN KUMAR	176K1A0123
N. PAVAN KUMAR	186K5A0109

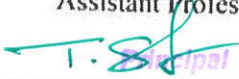
This is to certify that the project work entitled "UTILISATION OF DEMOLITION WASTE AS COARSE AGGREGATE IN CONCRETE" is a bonafide work of submitted the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

V. TARANGA, M. Tech.,
Assistant Professor


Signature of the HOD

K. SUMAVALLI, M.E.,
Head of the Department

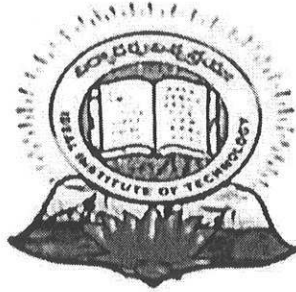

IDEAL INSTITUTE OF TECHNOLOGY
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External Examiner

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Vidyutnagar, Kakinada-533003, E.G.DI, ANDHRA PRADESH.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "REVERSE OSMOSIS TREATMENT FOR GROUND WATER AND SUSTAINABLE TANK DESIGN" is a bonafide work of

P. PRIYA	(176K1A0141)
K. NOMI RAMA DEVI	(186K5A0107)
J. SRIRAM	(176K1A0120)
NAWAZ KHAN	(176K1A0139)
D. RANADEEP KUMAR	(186K5A0116)

Submitted the Department of CIVIL ENGINEERING, In partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of Project Guide
K.SUMAVALLI M.E,
Assistant Professor,
Civil Department.

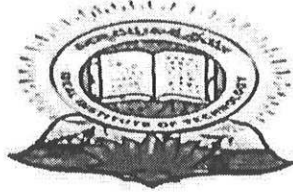
Signature of the HOD
K.SUMAVALLI M.E,
HOD&Associate Professor,
Civil Department.

Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

IDEAL INSTITUTE OF TECHNOLOGY

Approved By AICTE Affiliated To JNTUK, Kakinada
VidyuthNagar, Kakinada - 533003, E.g. ANDHRA PRADESH.

DEPARTMENT OF CIVIL ENGINEERING





CERTIFICATE

This is to certify that the project work entitled "TREATMENT OF WATER USING REVERSE OSMOSIS AND DESIGN OF DISPOSAL TANK" is a bonafide work of

M. Swathi	(176K1A0133)
N. V. V. Satya Sharan	(176K1A0138)
V. Sai Rajeswari	(186K5A0112)
I. Rama Durga Prasad	(176K1A0119)
G. V. N. S. Mani Kumar	(186K5A0104)

submitted the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide
K. SUMAVALLI, M.E.,
Assistant Professor


Signature of the HOD
K. SUMAVALLI, M.E.,
Head of the Department

External Examiner


Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

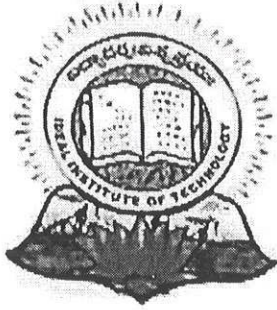
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2017-2021

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "EXPERIMENTAL STUDY ON EXPANSIVE SOIL TREATED WITH QUARRY DUST AND RECRON 3S FIBRE" is a bonafide work of D. PUSHPA VALLI (176K1A0112), R. RANI (176K1A0145), CH.ANAND (186K5A0113), P.SAIRAM (176K1A044), A.VEEARATEJA (176K1A0104) submitted to the department of CIVIL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING from IDEALINSTITUTE OF TECHNOLOGY, Kakinada.

M.T. RAMESH NAIDU, M.Tech.,

Assistant Professor

Signature of the Project Guide

Principal

IDEAL INSTITUTE OF TECHNOLOGY

K. SUMAVALLI, M.Tech.,

Head Of the Department

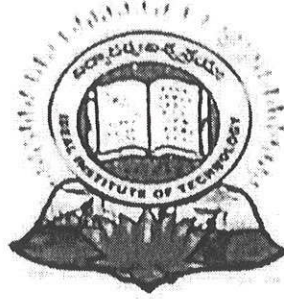
Signature of the HOD

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Nagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

2017-2021

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "A COMPARATIVE STUDY OF
RCC FRAMED AND STEEL FRAMED STRUCTURE FOR A FIVE STORIED
BUILDING SUBJECTED TO GRAVITY LOADS AND LATERAL LOADS" is a

Bonafide work of

M. ANITHA (176K1A0137)

G. RUPADEVI (176K1A0117)

K. VIJAY KUMAR (186K5A0105)

S. SAI SURYA TEJA (186K5A0115)

B. MONISH VARAHALA YADAV (176K1A0105)


submitted to the department of CIVIL ENGINEERING, in partial fulfillment of the
requirements for the award of the degree of BACHELOR OF TECHNOLOGY in
CIVIL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

D. RAMYA M. Tech


Signature of the HOD

K. SUMAVALLI M.E.,

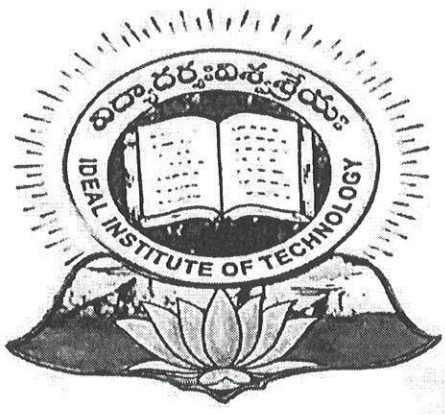

Principal
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VIDYUTNAGAR, KAKINADA

External Examiner

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "THREE PHASE TRANSMISSION LINE FAULT DETECTION BY USING AURDINO WITH GSM AND GPS TECHNOLOGY" is a bonafide work of ADAPA VEERABABU (186K5A0216), TEKUMUDI DHANUKAR (186K5A0214), RAVULA VEERA BABU (186K5A0217), MOHAMMAD AYESHA BEGUM (176K1A0210) submitted to the department of Electrical and Electronics Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

M. Jagadeesh
Signature of the Project Guide
Mr. M. JAGADEESH M.Tech
Assistant Professor

A. Ramesh
Signature of the HOD
Dept. of Electrical & Electronics Engg.
M. A. RAMESH M.Tech. (Engg.)
Vidyutnagar
Head of the Department

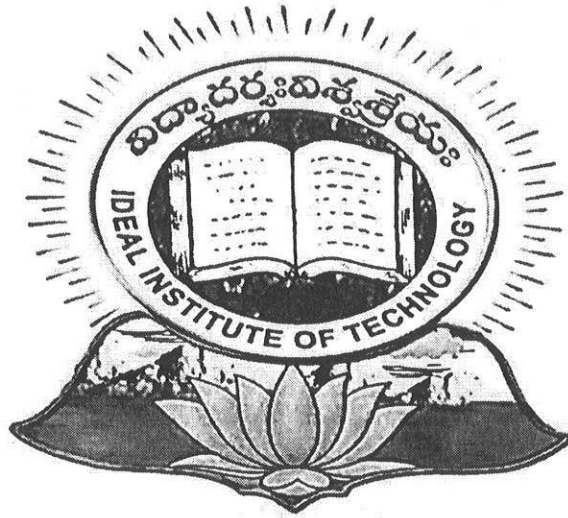
External Examiner

T. S. J.
Principal
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VIDYUTNAGAR, KAKINADA

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Vidyutnagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING




CERTIFICATE

This is to certify that the project work entitled, "PROTECTION AND CONTROL OF INDUCTION MOTOR BY USING DOL AND RDOL" is a bonafide work of TATAPUDI BHANU (186K5A0213), MASABATTULA SUNEEL (186K5A0208), KANDEPALLI ROHIT (186K5A0207), TANNERU MANOJ (176K1A0215) submitted to the department of Electrical and Electronics Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. M. JAGADEESH M.Tech

Assistant Professor


Signature of the HOD
Dept. of Electrical & Electronics Engg.
Mr. A. RAMESH (Ph.D)
Ideal Institute of Technology
Vidyutnagar, Kakinada

Head of the Department


Principal

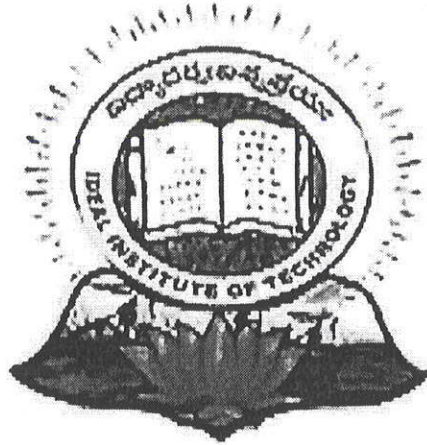
External Examiner

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VIDYUTNAGAR, KAKINADA

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Vidyutnagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "A NEW GENERAL TOPOLOGY FOR CASCADED MULTILEVEL INVERTERS WITH REDUCED NUMBER OF COMPONENTS BASED ON DEVELOPED H-BRIDGE" is a bonafide work OLETI NAGARJUNA (176K1A0211), JALUMURU SIMHACHALAM (186K5A0205), BHESETTI VENKATA RAMANA (186K5A0201), CHOKKA JAI VENKATA PRASAD (176K1A0204), DUVVANA VINAY KUMAR (176K1A0206) submitted to the department of Electrical and Electronics Engineering, in partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

B. Lalitha Kumari
Signature of the Project Guide

Smt. B. LALITHA KUMARI M.Tech

Assistant professor

A. Ramesh
Signature of the HOD

Sri. A. RAMESH M. Tech, (Ph.D)

Head of the Department

Head of the Dept.
Dept. of Electrical & Electronics Engg.
Ideal Institute of Technology
Vidyut Nagar, KAKINADA

External Examiner

T. S. J.
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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Vidyutnagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, " 7 LEVEL HYBRID NEUTRAL POINT FLYING CAPACITOR MULTILEVEL INVERTER " is a bonafide work of VEMAGIRI SRINIVAS (186K5A0219), KADALI CHAITANTA PAWAN KALYAN (176K1A0208), TADI MANOJ KUMAR (186K5A0212), ANUSURI RAJESWARI (176K1A0201) submitted to the department of Electrical and Electronics Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

B. Lalitha Kumari
Signature of the Project Guide

Smt. B.LALITHA KUMARI M.Tech
Assistant professor

A. Ramesh
Signature of the HOD

Sri. A.RAMESH M.Tech.(Ph.D)
Head of the Department

Head of the Dept.
Dept. of Electrical & Electronics Engg.
Ideal Institute of Technology
Vidyut Nagar, KAKINADA

External Examiner

T. S. R.
Principal

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VIDYUTNAGAR, KAKINADA

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Vidyutnagar, Kakinada-533003, E.G.Dist., ANDHRA PRADESH

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CERTIFICATE

This is to certify that the project work entitled, "SOLAR INVERTER WITH AUTO SYNCHRONIZATION MICROCONTROLLER" is a bonafide work of KAMADI KIRANTEJA (186K5A0206), BIRUDA VIJAYAKUMAR (186K5A0202), SHEIK SALMAN (166K5A0231), MAGAPU SAIPAVANKALYAN (186K5A0218) Submitted to the department of ELECTRICAL & ELECTRONICS ENGINEERING in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. D.MADHU M.Tech

Assistant Professor

Signature of Head of the Department

Sri. A.Ramesh M.Tech,(Ph.D)

Head Of The Department
Head of the Dept.
Dept. of Electrical & Electronics Engg.
Ideal Institute of Technology
Vidyut Nagar, KAKINADA

EXTERNAL EXAMINER

Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

IDEAL INSTITUTE OF TECHNOLOGY

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Vidyutnagar, Kakinada-533003, E.G.Dist., ANDHRA PRADESH

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "REVOLVING SOLAR INVERTER WITH MICROCONTROLLER" is a bonafide work of CHITNEEDI VLSDM PRIYANKA (176K1A0203), GANDHAM RANJEETHKUMAR (186K5A0220), ANUSURI RAJASURNDRA (186K5A0215), DENDULURI GANGESWARARAO (186K1A0205) Submitted to the department of ELECTRICAL & ELECTRONICS ENGINEERING in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. D.MADHU M.Tech
Assistant Professor


Signature of Head of The Department

Sri. A.Ramesh M.Tech.(Ph.D)
Head Of The Department

Head of the Dept.
Dept. of Electrical & Electronic Engg.
Ideal Institute of Technology
Vidyut Nagar, KAKINADA
EXTERNAL EXAMINER


Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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Vidyutnagar, Kakinada-533003, E.G.Dist., ANDHRA PRADESH

**DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING**



CERTIFICATE

This is to certify that the project work entitled, "GENERATION OF LIGHT BY APPLYING RENEWABLE ENERGIES" is a bonafide work of "M. V. V. SRI DANUSH (176K1A0209), B.SAI DURGA KARTHIK (176K1A0202), P.RAJESH (186K5A0209), M.VEERA VENKAT (176K1A0214), Submitted to the department of ELECTRICAL & ELECTRONICS ENGINEERING in partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

A Ramesh
Project Guide

Sri. A. RAMESH, M.Tech, (PhD)
ASSISTANT PROFESSOR & HoD

A Ramesh
Head of the Department
Head of the Dept.
Dept. of Electrical & Electronics Engg.
Sri. A. RAMESH, M.Tech, (PhD)
Ideal Institute of Technology
KAKINADA
HEAD of the DEPARTMENT

EXTERNAL EXAMINER

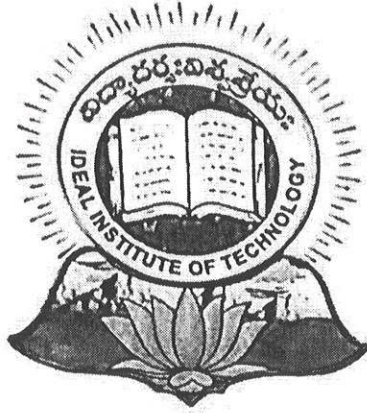
T. S. J.
Principal

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VIDYUTNAGAR, KAKINADA

IDEAL INSTITUTE OF TECHNOLOGY

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Vidyutnagar, Kakinada-533003, E.G.Dist., ANDHRA PRADESH

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "ON-OFF CONTROL OF A 75 KVA GENERATOR USING IOT" is a bonafide work of "SIVALANKA HIMA VARSHA (186K5A0211), PITHANI MAHESH (186K5A0204), BOJJA RUCHITA (186K5A0203), PILLI SIRISHA (176K1A0213)" Submitted to the department of ELECTRICAL & ELECTRONICS ENGINEERING in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

A Ramesh
Project Guide

Sri. A. RAMESH, M.Tech, (P.hD)
Assistant Professor & HOD

A Ramesh
Head of the Department

Sri. A. RAMESH, M.Tech, (P.hD)
Dept. of Electrical & Electronics Engg.
Head of the department
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T. S. S.
Principal

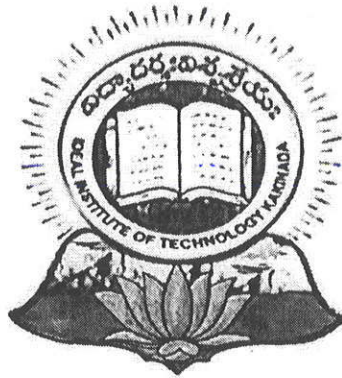
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VIDYUTNAGAR, KAKINADA

EXTERNAL EXAMINER

17-21 mech

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Vidyut Nagar, Kakinada-533003, E.G. Dt, ANDHRA PRADESH.
DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE


This is to certify that the project work entitled, "DUAL FUEL HYBRID VEHICLE" is a bonafide work of

P APARNA	176K1A0336
B G B SANKAR	176K1A0302
V R J ANAND	176K1A0351
Ch. VEERA BABU	176K1A0307
I REDDY VINAY	176K1A0311

Submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of PROJECT Guide

Smt. R. Vijaya Lakshmi
Asst Professor
Department of mechanical engineering


Signature of the HOD

Sri. K.L.N. Murthy
Head of the department
Department of mechanical engineering

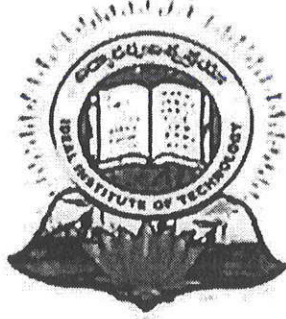

Principal

IDEAL INSTITUTE OF TECHNOLOGY External Examiner
VIDYUTNAGAR, KAKINADA.

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Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "INVESTIGATIONS OF FRICTION STIR PROCESSING OF AL 6063 COMPOSITES" is a bonafide work of

N. TABITHA PRIYANKA	(186K5A0312)
K. TEJA	(186K5A0306)
R. SAKHI	(176K1A0337)
S. SANDEEP SAGAR	(176K1A0343)
P. DINESH	(176K1A0332)
M. PRADEEP	(176K1A0330)

submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr.P. DURGA PRASAD, M. Tech.,
ASSISTANT PROFESSOR

Signature of the HOD

Mr.K.L.N. MURTY, M.Tech.(Ph.D)
ASSOCIATE PROFESSOR

Head of the Department

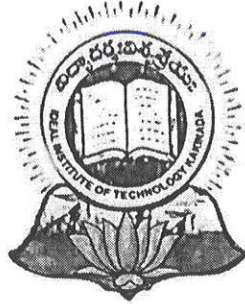
Head of the Department
Department of Mechanical Engineering
IDEAL INSTITUTE OF TECHNOLOGY
Vidyut Nagar, KAKINADA

Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

External Examiner

IDEAL INSTITUTE OF TECHNOLOGY
Approved by AICTE, Affiliated to JNTUK, Kakinada
Vidyutnagar, Kakinada-533003, E.G.DI, ANDHRA PRADESH.
DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE

This is to certify that the project work entitled, "DESIGN AND FABRICATION OF WATER COOLER" is a bonafide work of M.VEERABABU(186K5A0311),M.ANILKUMAR (186K5A0310), B.RAJESH(176K1A0305),A.RAJESH(186K5A0301)G.SAITEJA(186K5A0316),K.NAVEENKUMAR(186K5A0308),I.NAGENDRA(176K1A0312),G.V.S.SHANKAR(176K1A0309),K.CHARANKUMAR(176K1A0354),M.JASWANTHRATNAKAR(176K1A0323),submitted to the department of MECHANICAL ENGINEERING in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

SRI.G.RAVI KUMAR, M.TECH
ASSOCIATE PROFESSOR


Signature of the HOD

SRI.K.L.N.MURTY, M.TECH
HEAD OF THE MECHANICAL DEPARTMENT

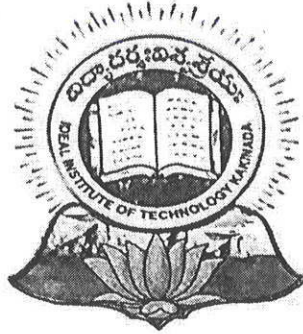
External Examiner



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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "DUAL FUEL HYBRID VEHICLE" is a bonafide work of

M N D PRASANTH	186K5A0317
S BHANU SAI AVINASH	186K5A0318
SHAIK HYDER	176K1A0345
UMMIDI JOSEPH	176K1A0349
M MUTHYA LOKESH	176K1A0326

Submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of PROJECT Guide

Sri. Ch. Raju
Asst Professor
Department of mechanical engineering


Signature of the HOD

Sri. K.L.N. Murthy
Head of the department
Department of mechanical engineering

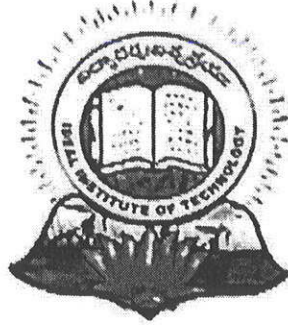

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IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

External Examiner

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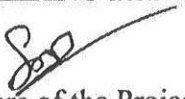


CERTIFICATE

This is to certify that the project work entitled, "PREHEATING OF FUEL AND ENGINE COOLING BY USING PELTIER ELEMENT" is a bonafide work of

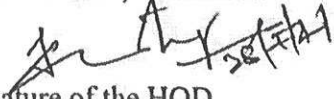
P VENKATESWARA RAO (186K5A0315)	R V L S SRINIVAS (176K1A0339)
S S S S PRASANTH (176K1A0346)	P MAHALAKSHMI (186K5A0313)
P D S R VIGNESH (176K1A0335)	P SHIVA RAJU (176K1A0334)
Y L S R VAMSI (176K1A0352)	V SRI HARSHA (176K1A0353)
K AKHIL (176K1A0320)	K PRADEEP (176K1A0322)

submitted to the department of MECHANICAL ENGINEERING , in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. S V Y SASTRY, M.tech,
Asst. Professor,


Department of Mechanical Engg


Signature of the HOD

Mr. K L N Murty, M.tech, (PhD)
Associate Professor,
Head of the Department

Department of Mechanical Engg

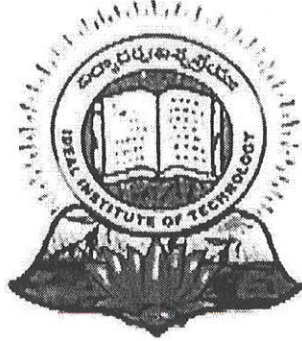

External Examiner


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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "AUTOMATIC OPENING AND CLOSING OF REMOTE OPERATED GATE" is a bonafide work of SANA SRIRAM (176K1A0341), B.K.S.S. SUNIL (176K1A0303), S. KARUN KUMAR (176K1A0344), V.MANIKANTA (176K1A0347), P. NAGASAI (176K1A0333), G.H.S. SRIHARI (186K5A0303) submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. P.DURGA PRASAD, M.Tech.,
ASSISTANT PROFESSOR,

Signature of the HOD

Mr. K.L.N.MURTY, M.Tech.(Ph.D)

ASSOCIATED PROFESSOR

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
IDEAL INSTITUTE OF TECHNOLOGY
Vidyut Nagar, KAKINADA

External Examiner

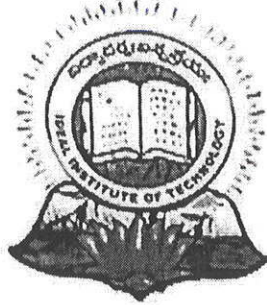
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Vidyutnagar, Kakinada-533003, E.G.Di, ANDHRA PRADESH.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "HYBRID ELECTRIC BIKE" is
a bonafide work of

A.SANDEEP SWAMY	(176K1A0324)
L.PARVATHI DEVI	(176K1A0313)
A.ABHISHEK GOUD	(176K1A0301)
M.TEJA VENKATA MANI KUMAR	(176K1A0328)
J.AKHILESH HIMANTH	(176K1A0314)

submitted to the department of Mechanical Engineering, in partial fulfillment of the
requirements for the award of the degree of BACHELOR OF TECHNOLOGY in
MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY,
Kakinada.


Signature of the Project Guide

Mr.Ch.RAJU, M.tech.
Asst Professor
Department of Mechanical Engg

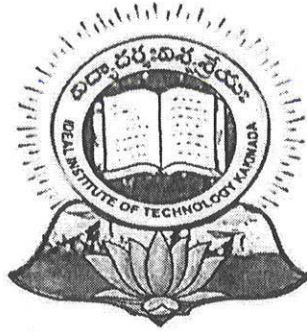

Signature of the HOD

Mr.K.L.N.MURTHY, Mtech,(Ph.d).
Head of the Department
Department of Mechanical Engg


Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

External Examiner

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "APPLICATON OF SINGLE CYLINDER CARBURETTOR WITH MULTI CYLINDER ENGINE" is a bonafide work of N.N.L.V.AJAY(176K1A0331), K.BHARAT VIJAY(176K1A0321), M.RAMU(186K5A0309), CH.SAI KRISHNA (176K1A0306), Submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of Project Guide

SRI.G. RAVI KUMAR
ASSOCIATE PROFESSOR


Signature of the HOD

K.L.N. MURTY
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


Signature of Project Guide

K.L.N. MURTY
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

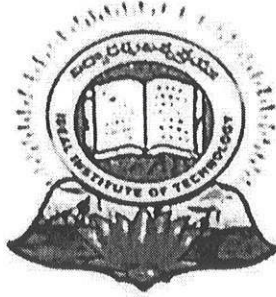

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "FABRICATION OF MANUALLY OPERATED HYDRAULIC PRESS" is a bonafide work of

K.JANAKIRAMAIAH (186K5A0307)

K. SIVA CHAKRADHR(176K1A0317) S.JAGADEESHBABU(186K5A0314)

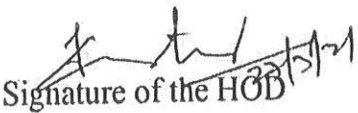
U. GANGADHAR (176K1A0348) K. HITESH RAM (176K1A0315)

Submitted to the Department of **MECHANICAL ENGINEERING**, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **MECHANICAL ENGINEERING** from **IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.**


Signature of the Project Guide

Mrs.R.VIJAYA LAKSHMI, M.Tech.

ASSISTANT PROFESSOR


Signature of the HOD

Mr.K.L.N.MURTHY, M.Tech.(Ph.D)

ASSOCIATE PROFESSOR

HEAD OF THE DEPARTMENT


Principal

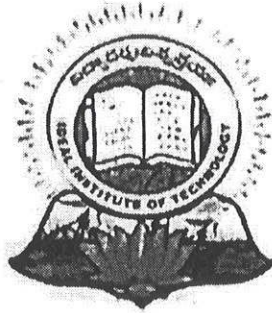
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VIDYUTNAGAR, KAKINADA

External Examiner

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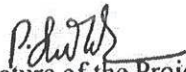
CERTIFICATE

This is to certify that the project work entitled, "FABRICATION OF MULTI-PURPOSE FLOOR CLEANING MACHINE" is a bonafide work of

SEELAMANTHULA VIJAY (176K1A0342)

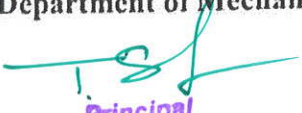
KETHA BHAVANI PRASAD (176K1A0318)


submitted to the department of MECHANICAL ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING from IDEALINSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. PVSSR Krishna, M.tech
Asst. Professor

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Principal
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VIDYUTNAGAR, KAKINADA


Signature of the HOD

Mr. KLN Murty, M.tech,(PhD)
Associate Professor
Head of the Department

Department of Mechanical Engg

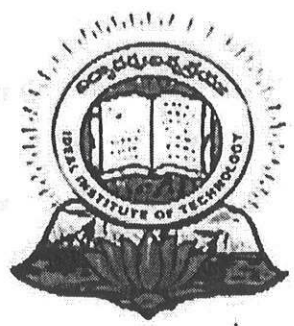
External Examiner

17-21 ECE

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Vidyutnagar, Kakinada-533003, E.G.Di, ANDHRA PRADESH.

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "A FSM BASED APPROACH FOR EFFICIENT IMPLEMENTATION OF K-MEANS ALGORITHM" is a bonafide work of M.MADHURI SAMYUKTHA (186K5A0407), N.VIVEK (176K1A0436), S.PAVAN KUMAR (176K1A0448), V.NAVA KIRAN (176K1A0456), M.SRINIVAS (176K1A0458) submitted to the department of Electronics and Communications Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

V.K.A.S. Krishnan
Signature of the Project Guide

V.K.A.S KRISHNAN, M.Tech.,
Assistant Professor,
Department of ECE

N. Rajesh Babu
Signature of the HOD

N.RAJESH BABU, M.Tech (PHD)
HEAD, DEPT. OF ECE
Associate Professor & HOD,
VIDYUT NAGAR, KAKINADA
Department of ECE

External Examiner

T.S.
Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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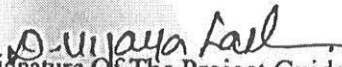
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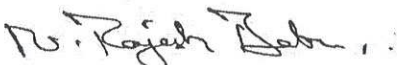
CERTIFICATE

This is to certify that the project work entitled, "DESIGN AND DEVELOPMENT OF SPRAYDISINFECTION SYSTEM TO COMBAT CORONAVIRUS (COVID-19) USING IOTBASED ROBOTICS TECHNOLOGY" is a bonafide work of K. BHAVANI (186K5A0402), K. KALYAN RAM (176K1A0429), M.RENUKA (176K1A0434), B.A.M. HARSHAVARDHAN (16A91A04C6) submitted to the department of Electronics and communication engineering, in partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature Of The Project Guide

Mrs.D.VIJAYA LAKSHMI M.Tech

Assistant Professor, ECE



Signature Of the HOD

N. RAJESH BABU M.TECH (Ph.D)

Associate Professor, ECE

External Examiner



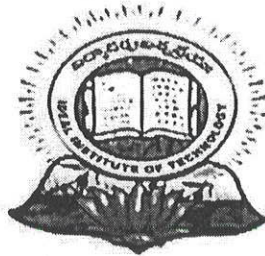
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This is to certify that the project work entitled, "IOT BASED SMART SHOPPING CART USING RFID AND NODEMCU" is a bonafide work of B.V.S. DURGA (176K1A0404), P.PRAVALLIKA (186K5A0409), D.JYOTHI (176K1A0415), E.HARI VENKATESH (176K1A0416), MD.ARSHIYA KULSUM (176K1A0402) submitted to the department of ELECTRONICS AND COMMUNICATION ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr.N.RAJESH BABU

M.Tech,(Ph.D)

Associate Professor

Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

Signature of the HOD

Mr.N.RAJESH BABU

M.Tech,(Ph.D)

HEAD, DEPT. OF ECE
IDEAL INSTITUTE OF TECHNOLOGY
Head of the Department
VIDYUT NAGAR

External Examiner

IDEAL INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, AFFILIATED TO JNTUK, KAKINADA VIDYUT NAGAR,
KAKINADA-533003,E.G.DT, ANDHRA PRADESH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "ELECTRONIC JACKET FOR WOMEN SAFETY "is a bonafide work of B.CH.SRI ANUSHA (176K1A0406), V.V.N.B.R.S Parimala Sridevi (176K1A0455),K.SUMANTH NARAYAN (186K5A0403),G.VENKAT (177Y1A0417), G.SRINIVASA RAO(166K5A0409) submitted to the department of Electronics and Communication Engineering, in a partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada

Signature of the project guide

B.V.KALYANRAM, M.Tech (PhD)

Assistant Professor,
Department of ECE

Signature of HOD

N. RAJESH BABU M.TECH (PHD)

Associate Professor & HOD
IDEAL INSTITUTE OF TECHNOLOGY
Department of ECE
VIDYUT NAGAR

External Examiner

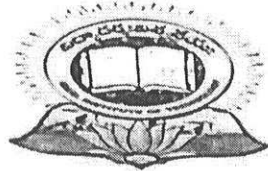
Principal

IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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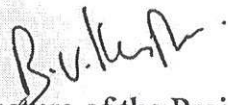
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Vidyutnagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "REAL TIME IMPLEMENTATION OF IOT BASED WEB CONTROLLED NOTICE BOARD USING RASPBERRY PI" is a bonafide work of BURRA PRABHA (176K1A0407), KATTA RUBY SAGARIKA (176K1A0424), KUPPILI KOTESWARI (176K1A0430), VASAMSETTI MOUNIKA (176K1A0453) submitted to the department of Electronics and Communication Engineering, in partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.



Signature of the Project Guide

SRI. B. V. KALYAN RAM

M. Tech., (PhD)

Assistant Professor

ECE DEPARTMENT



Signature of the HOD

SRI. N. RAJESH BABU

M. Tech., (PhD)

Associate Professor

HEAD DEPARTMENT ECE
ECE DEPARTMENT ECE
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUT NAGAR



Principal

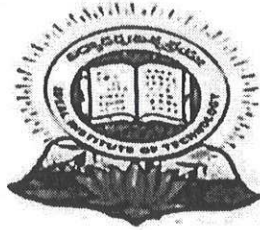
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

External Examiner

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Vidyut Nagar, Kakinada-533003, E.G. Dist., ANDHRA PRADESH.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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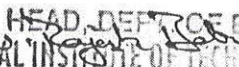
This is to certify that the project work entitled, "SOLAR BASED AUTOMATIC INTENSITY CONTROLLED STREET LIGHT SYSTEM" is a bonafide work of N.ADILAKSHMI (176K1A0437), A.SHARISHMA (186K5A0401), K.NANDINI (176K1A0423) submitted to the department of ELECTRONICS AND COMMUNICATION ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

SRI BH.V.S.R.K. AYYAPPA KUMAR

M.Tech, M.B.A


Associate Professor, ECE


HEAD, DEPT. OF ECE
IDEAL INSTITUTE OF TECHNOLOGY
Signature of the HOD
VIDYUTNAGAR, KAKINADA

SRI N. RAJESH BABU

M.Tech(PhD)

Associate Professor & HOD, ECE


Principal

External Examiner

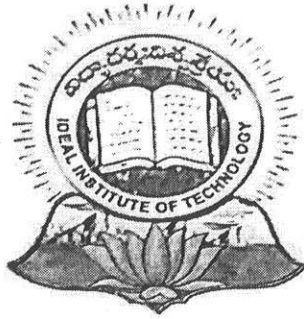
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KAKINADA-533003, E.G.DT, ANDHRA PRADESH

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COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "AUTOMATIC ATTENDANCE SYSTEM THROUGH WEBCAM USING DIGITAL IMAGE PROCESSING" is a bonafide work of V.Kalyan (176K1A0457), CH.S.V. Balarama Krishna (176K1A0410), G.Hausha Sri (176K1A0419), P.Vaishnavi Sandhya (176K1A0440) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada

Signature of the project guide

P. JANAKI SREERAM M.TECH
Assistant Professor,
Department of ECE

Signature of HOD

N. RAJESH BABU M.TECH (PHD)
Associate Professor & HOD,

HEAD DEPT. ECE
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External Examiner

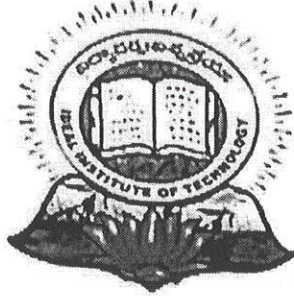
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COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "PROJECTOR SCREEN CONTROLLER" is a bonafide work of M. Madhuri (186K5A0408), V. Sushma (176K1A0451), V. Lasya Priyanka (176K1A0449), K. Satya Sheela (186K5A0406) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada

Signature of the project guide

BH. VSRK AYYAPPA KUMAR M.TECH MBA
Associate Professor,
Department of ECE

Signature of HOD

N. RAJESH BABU M.TECH (PHD)
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Vidyut nagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "ARDUINO BASED SMART IOT FOOD QUALITY MONITORING SYSTEM" is a bonafide work of K.RAMYA(186K5A0412), K. JAGADEESH BABU (176K1A0425), P. SHEKINAH GLORY (176K1A0441), K. LAKSHMI NARAYANA (176K1A0421) submitted to the department of Electronics and Communications Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY In ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mrs.D.VIJAYA LAKSHMI M.Tech

Assistant Professor , ECE



Signature of the HOD/ECE

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N. RAJESH BABU M.Tech (PhD)
VIDYUTNAGAR, KAKINADA

Associate Professor & HOD, ECE

External Examiner

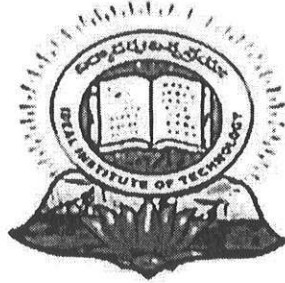

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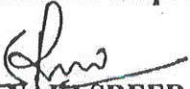
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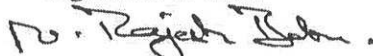
CERTIFICATE

This is to certify that the project work entitled, "FOREST FIRE DETECTION BASED ON IOT" is a bonafide work of N.YASASWINI (176K1A0438), P.S.PRAVALLIKA (186K5A0410), S.SAI PAVAN KRISHNA (176K1A0447), M.VEERESH (176K1A0435) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada


Signature of the project guide


P. JANAKI SREERAM M.TECH
Assistant Professor,
Department of ECE

Signature of HOD


N. RAJESH BABU M.TECH (PFD)
Associate Professor & HOD,
Department of ECE
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUT NAGAR, KAKINADA

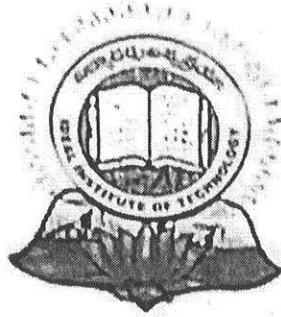
External Examiner


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IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

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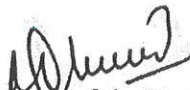
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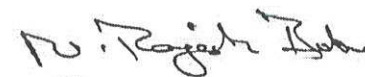
DEPARTMENT OF ELECTRONICS AND COMMUNICATION



CERTIFICATE

This is to certify that the project work entitled, "AUTOMATIC CROP MONITORING SYSTEM USING IoT" is a bonafide work of K.SATYA LAKSHMI (176K1A0426);S.HARILAXMI(176K1A0446);K.RENUKA(176K1A0422);P.GAYATHRI(176K1A0439) submitted to the department of Electronic and Communication Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide
M.VARAPRASAD M.TECH.,
Assistant Professor


Signature of the HOD
N.RAJESHBABU M.TECH (Ph.D.),
Associate Professor

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VIDYUTNAGAR, KAKINADA

External Examiner

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DEPARTMENT OF ELECTRONICS AND
COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "DETECTION OF WEEDS IN THE CROP FIELD USING MACHINE LEARNING" is a bonafide work of V. P L Padmaja (176K1A0454), I.S.S.Sameera (176K1A0420), S.HariPrasad M(176K1A0459), D.Rakesh (176K1A0414), D.Chithra Meghana (176K1A0411) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada



Signature of the project guide

P. JANAKI SREERAM M.TECH
Assistant Professor,
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Signature of HOD

N. RAJESH BABU M.TECH (PHD)
Associate Professor & HOD,
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External Examiner

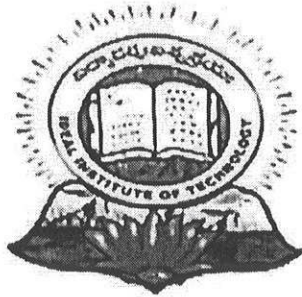

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COMMUNICATIONS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "VOICE CONTROLLED BOT USING RASPBERRY PI" is a bonafide work of D. MONIKA (176K1A0413), K. SRAVANI PRIYA (176K1A0427), K. SUMANTH (176K1A0428), L. AKANKSHA (176K1A0432) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada

Signature of the project guide

M. VARAPRASAD M.TECH
Assistant Professor,
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Signature of HOD

N. RAJESH BABU M.TECH (PHD)
Associate Professor & HOD,
Department of ECE
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Principal

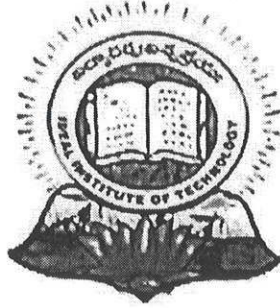
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VIDYUTNAGAR, KAKINADA

External Examiner

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Vidyutnagar, Kakinada-533003, E.G.Dt, ANDHRA PRADESH.

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CERTIFICATE

This is to certify that the project work entitled, "RFID – BASED SYSTEM FOR SCHOOL CHILDREN TRANSPORTATION SAFETY ENHANCEMENT" is a bonafide work of P.V.V.Padma Swetha (176K1A0444), CH. Kartheek Sree Sai Surya (176K1A0408), K. D. Prasad (186K5A0404), V. Chandra Shekhar (176K1A0452), G. Prashanti, (176K1A0418), , V. Ravichandra (166K1A0448) submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada

Signature of the Project Guide

BH.V.S.R.K. AYYAPPA KUMAR M. Tech., M.B.A.

Associate Professor

Signature of the HOD

N. RAJESH BABU M. Tech., (PhD)

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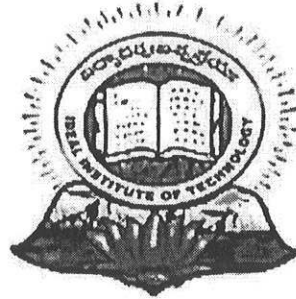
External Examiner

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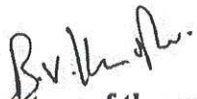
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KAKINADA-533003, E.G.DT, ANDHRA PRADESH

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING




CERTIFICATE

This is to certify that the project work entitled, "IRIS BIOMETRIC ATTENDANCE SYSTEM USING CNN" is a bonafide work of K.S.L.R.PRIYANKA-176K1A0431, P.DILEEP-176K1A0442, M.THIYANESWARAN-176K1A0433, B.YASWANTH-176K1A0403 submitted to the department of Electronics and Communications Engineering, in a partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada


Signature of the project guide

B.V.KALYANRAM, M.Tech (PhD)
Assistant Professor,
Department of ECE


Signature of HOD

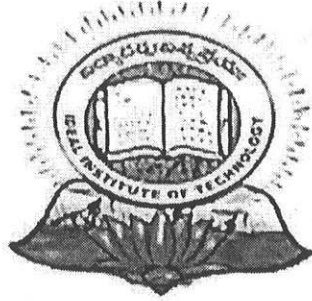
N. RAJESH BABU M.TECH (PHD)
Associate Professor & HOD,
Department of ECE
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUT NAGAR, KAKINADA


Principal
IDEAL INSTITUTE OF TECHNOLOGY
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External Examiner

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work report "AUTOMATIC WASTE SEGREGATION SYSTEM" is a bonafide work of P.SAISUMANTH (176K1A445), K.ANNA MADHURI (186K5A0405), P.KUSHALCHANDU (176K1A0443), D.PREMGANESH (16B21A04I0) submitted to the department of **Electronics and Communications Engineering** in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

V. Krishna

Signature of the project guide

V.KRISHNAN M.Tech.,

Assistant Professor ,ECE

N. Rajesh Babu

Signature of the HOD

N. RAJESH BABU M.Tech.(Ph.D.),

Associate Professor & HOD, ECE

External Examiner

[Signature]
Principal

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VIDYUTHNAGAR, KAKINADA

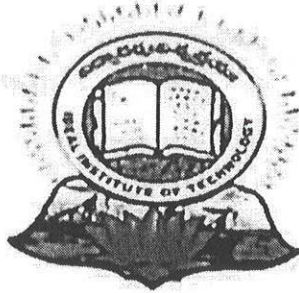
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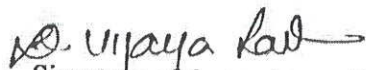
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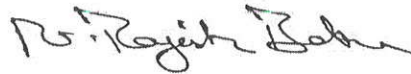
This is to certify that the project work report "INTEGRATED IOT BASED AUTONOMOUS LAND MINE DETECTION AND SURVEILLANCE ROBOT WITH ONBOARD GUN FOR MILLITARY USE" is a bonafide work of CH.BHARADWAJ(176K1A0409),M.ADITYA SAI(186K5A0411), A.INDU(176K1A0401), D.LALITHA SRI(176K1A0412) submitted to the department of ELECTRONICS AND COMMUNICATIONS ENGINEERING in partial fulfillment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATIONS ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.



Signature of the project guide

Mrs. D. VIJAYALAKSHMI M.Tech

Assistant professor, ECE



Signature of the HOD

N. RAJESH BABU M.Tech (PhD)
HEAD, DEPT. OF ECE
Associate professor & HOD, ECE
VIDYUT NAGAR, KAKINADA



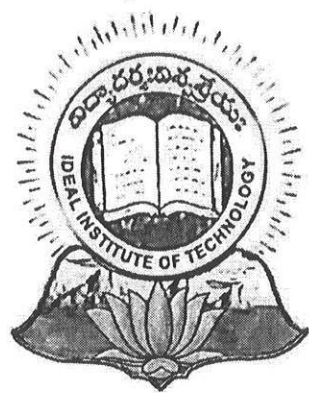
External Examiner

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "FEE, INCOME, EXPENSE MANAGEMENT SYSTEM" is a bonafide work of M.Madhuri Sitara (176K1A0530), K.Vinay Kumar (176K1A0527), M.D.N.SatyaBhavani (176K1A0532), N.Melima (176K1A0533), M.Raswanth (186K5A0508) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide
Mrs.JAYASREE, M.Tech.
Assistant Professor

Signature of the HOD
Mr.M.S.R.S.PRASAD, M.Tech.,[Ph.D]
Head of the Department

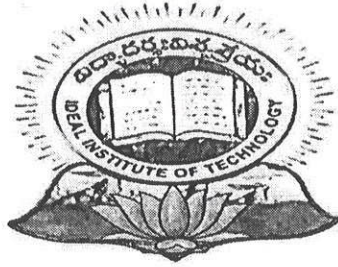
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CERTIFICATE

This is to certify that the project work entitled, "ENTERPRISE RESOURCE PLANNING FOR LIBRARY, INVENTORY AND EXAMINATIONS" is a bonafide work of K. Madhuri (176K1A0525), P. Hema Priyanka (176K1A0541), P. Divya Sree (176K1A0542), S. Naga Sirisha (176K1A0543), S. Shivani (176K1A0544) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mrs. P.Radhika Krupalini, M.Tech
Assistant Professor

Signature of the HOD

Mr. M.S.R.S. Prasad, M.Tech., [Ph.D]
Head of the Department

Principal

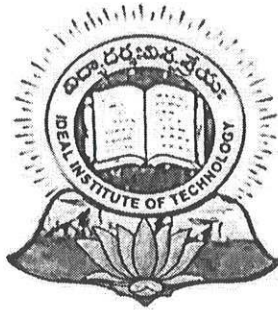
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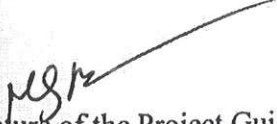
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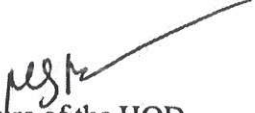


CERTIFICATE

This is to certify that the project work entitled, "RESULTS PORTAL LOGIN SYSTEM THROUGH FACIAL RECOGNITION" is a bonafide work of M.B.Sriraj (176K1A0528), G.Dinesh.Raja (176K1A0559), I.Prudhvi.Kumar (176K1A0521), D.K.Chaitanya (176K1A0513), P.Vishal (176K1A0538), submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr.M.S.R.S.PRASAD, M.Tech., [Ph.D]
Associate Professor


Signature of the HOD

Mr.M.S.R.S.PRASAD, M.Tech., [Ph.D]
Head of the Department

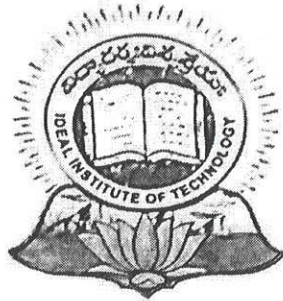

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IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

External Examiner

IDEAL INSTITUTE OF TECHNOLOGY

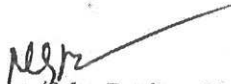
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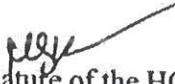


CERTIFICATE

This is to certify that the project work entitled, "ERP ON ACADEMICS AND HUMAN RESOURCE MANAGEMENT" is a bonafide work of Ch.Sunil Kumar (176K1A0508), P.Ganga Bhavani (176K1A0535), D.Ganga Sinduja (176K1A0536), P.Swetha (176K1A0537), P.Surya Sri (176K1A0539), submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. M.S.R.S.PRASAD, M.Tech.,[Ph.D]
Associate Professor


Signature of the HOD

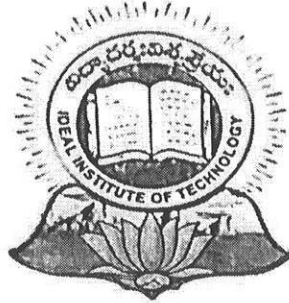
Mr. M.S.R.S.PRASAD, M.Tech.,[Ph.D]
Head of the Department


Principal External Examiner
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VIDYUTNAGAR, KAKINADA

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CERTIFICATE

This is to certify that the project work entitled, "RESULTS PORTAL LOGIN SYSTEM THROUGH SPEECH RECOGNITION" is a bonafide work of K.S.Isyanth (176K1A0522), T.Abhivardhan (176K1A0549), D.Jayakar (176K1A0510), N.Vamsi (176K1A0534), submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr.R.S.V.PRASAD RAO , M.Tech.,
Associate Professor

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Head of the Department

External Examiner

T.S.P.
Principal

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CERTIFICATE

This is to certify that the project work entitled "BARCODE ATTENDANCE SYSTEM" is a bonafide work of U.Sai Lakshmi Chelsea (176K1A0551), V.Reshma Neelima (176K1A0555), V.Likhitha (176K1A0554), V.Gangotri (176K1A0553), V.N.V.S.Swaroop (176K1A0558) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. R.S.V.V.Prasad Rao, M.Tech.,
Assistant Professor

Signature of the HOD

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Head of the Department

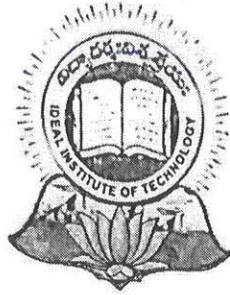
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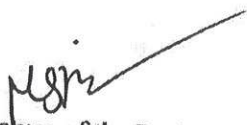
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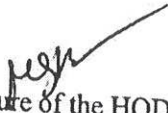
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CERTIFICATE

This is to certify that the project work entitled, " **BARCODE DETECTION SYSTEM FOR ATTENDANCE** " is a Bonafide work of T.Sai Meghana (176K1A0550), Shaik.Basheer (176K1A0548), S.Surya Saranya (176K1A0547), S.Sri Harsha Priya (176K1A0545), A.Alekya (186K5A0501), M.Raghu Ram (176K1A0526) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE OF ENGINEERING** from **IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.**


Signature of the Project Guide
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Associate Professor


Signature of the HOD
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Head of the Department

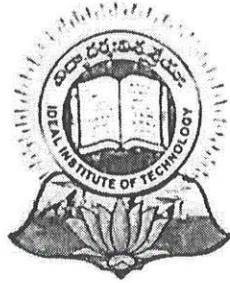
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CERTIFICATE

This is to certify that the project work entitled, "ENTERPRISE RESOURCE PLANNING FOR REPORTS GENERATION AND SYSTEM SETTINGS" is a bonafide work of A.LikhitaChandana (176K1A0501), B.PravallikaDevi (176K1A0506), A.SubhaMaheswari (176K1A0503), D.VaraPrasad (176K1A0514), A.SriKrishna (176K1A0504) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr.M.S.R.S.Prasad,M.Tech.,[Ph.D]
Associate Professor

Signature of the HOD

Mr.M.S.R.S.Prasad,M.Tech.,[Ph.D]
Head of the Department

Principal

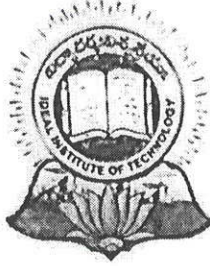
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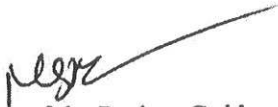
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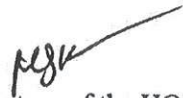
CERTIFICATE

This is to certify that the project work entitled, "ATTENDANCE SYSTEM USING FACE RECOGNITION" is a bonafide work of P.N.V.MADHAVI LATHA (186K5A0509), M. RATNA SURYA DEVI (186K5A0507), U.JYOTHI (186K5A0511), V.KEERTHI KALYANI (186K5A0512), K.PRASANNA KUMAR (186K5A0513), P.H.D.V.DURGA LAKSHMI (186K5A0510) submitted to the department of COMPUTER SCIENCE AND ENGINEERING, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr.M.S.R.S.PRASAD, M.Tech.,[Ph.D.]


Associate Professor


Signature of the HOD

Mr.M.S.R.S.PRASAD, M.Tech.,[Ph.D.]

Head of the Department

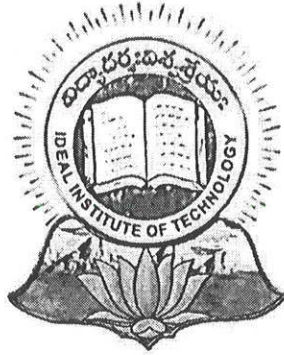
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This is to certify that the project work entitled, "SMART ATTENDANCE SYSTEM" is a bonafide work of G.SARITHA (186K5A0503), J.VEERA BHARGAVI (186K5A0504), K. ANUSHA (186K5A0505), K.PRAVEEN KUMAR (186K5A0506), M.HIMA SAHITHI (17S01A0511), submitted to the department of **Computer Science and Engineering**, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mrs.S.JYOTHIRMAYEE, M.Tech.,

Assistant Professor

Signature of the HOD

Mr.M.S.R.S.PRASAD,M.Tech.,[Ph.D.]

Head of the Department

Principal

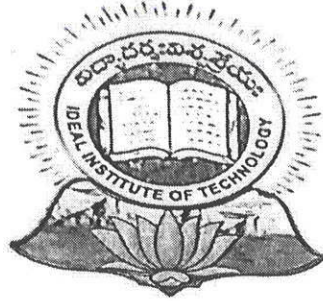
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CERTIFICATE

This is to certify that the project work entitled, " **COMMUNICATION AND INFORMATION SYSTEMS IN ERP** " is a Bonafide work of K.Aparna (176K1A0524), G.M.P.Sahithi (176K1A0517), G.V.S.S.Aruna Sri (176K1A0520), A.Suvarna Laxmi (176K1A0502), P.S.Poojitha (176K1A0540), K.Suresh (176K1A0557) submitted to the department of **Computer Science and Engineering**, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE OF ENGINEERING** from **IDEAL INSTITUTE OF TECHNOLOGY**, Kakinada.

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Smt.R.V.V.GaniLakshmi, M.Tech
Assistant Professor

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Head of the Department

External Examiner

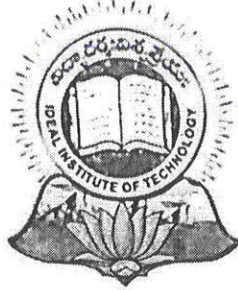
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This is to certify that the project work entitled, "STUDENT ADMINISTRATION" is a bonafide work of B.S.V.Sowjanya (176K1A0507), G.L.Lavanya (176K1A0516), CH.B.Anusha (176K1A0509), G.Murali (186K5A0502), D.L.N.Vangmayi (176K1A0511) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.

Signature of the Project Guide

Mr. R.S.V.V. Prasad Rao, M.Tech.,
Assistant Professor

Signature of the HOD

Mr. M.S.R.S. Prasad, M.Tech., [Ph.D.]
Head of the Department

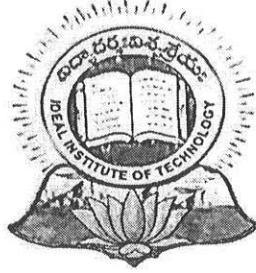
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External Examiner

IDEAL INSTITUTE OF TECHNOLOGY

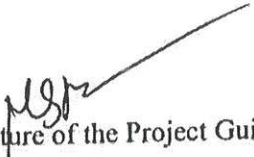
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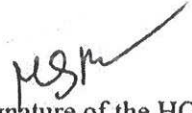


CERTIFICATE

This is to certify that the project work entitled, "ENTERPRISE RESOURCE PLANNING FOR CERTIFICATE AND FRONT CMS" is a bonafide work of D.V.V.S.N.SWAMY (176K1A0512), V.P.S.S.LOVA KUMAR (176K1A0552), GUNDU SAI SAMHITHA (176K1A0518), DUPPALAPUDI SATYA SRIDEVI (176K1A0515), MAILIPILLI NAVYA RANI (176K1A0529) submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from IDEAL INSTITUTE OF TECHNOLOGY, Kakinada.


Signature of the Project Guide

Mr. M.S.R.S. Prasad, M.Tech., [Ph.D]
Associate Professor


Signature of the HOD

Mr. M.S.R.S. Prasad, M.Tech., [Ph.D]
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