JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

AUTOMATIC POWER FACTOR COMPENSATION FOR INDUSTRIAL POWER USAGE TO MINIMIZE PENALTY

Submitted in partial fulfilment of the
Academic requirement for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

By

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M.SRI RANGANATH	(20HP5A0225)
P.M SOHAIL KHAN	(19HP1A0224)
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This is to certify that the thesis entitled **"AUTOMATIC POWER FACTOR COMPENSATION FOR INDUSTRIAL POWER USAGE TO MINIMIZE PENALTY"** has been successfully carried out by the following members under the guidance of **Ms.V.ANANTHA LAKSHMI**, in partial fulfilment of the requirement for the award of B.Tech degree in ELECTRICAL & ELECTRONICS ENGINEERING , Andhra Loyola Institute of Engineering and Technology, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT REPORT ON

SOLAR WIRELESS ELECTRIC VEHICLE CHARGING SYSTEM.

Submitted in partial fulfilment of the

Academic requirements for award of the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering

By

Y. RAJA JAGANADHA MURTHY	**(19HP1A0228)**
D.SYAM BENNY HINN	**(19HP1A0238)**
V.UDAY KIRAN	**(19HP1A0240)**
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This is to certify that the project report entitled "SOLAR WIRELESS ELECTRIC VEHICLE CHARGING SYSTEM" is bonafide record of work carried out by **Y.RAJA JAGANADHA MURTHY(19HP1A0228), D.SYAM BENNY HINN (19HP1A0238),V.UDAY KIRAN (19HP1A0240), K.KARTHIK (20HP5A0216), SK.NAGULU MEERA(20HP5A0221),** during the academic year 2022-2023 under the guidance and supervision in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

BATTERY HEALTH MONITORING UNIT

Submitted in partial fulfilment of the
Academic requirement for award of the degree

Bachelor of Technology
in
ELECTRICAL AND ELECTRONICS ENGINEERING

By

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This is to certify that the thesis entitled "BATTERY HEALTH MONITORING UNIT" has been successfully carried out by the following members under the guidance of **Mr. D.RAVI KIRAN**, in partial fulfilment of the requirement for the award of B.Tech degree in ELECTRICAL & ELECTRONICS ENGINEERING , Andhra Loyola Institute of Engineering and Technology, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

GENERATION OF ELECTRICITY BY USING WASTE MATERIALS

Submitted in partial fulfilment of the

Academic requirements for award of the degree of

Bachelor of Technology

Of

ELECTRICAL AND ELECTRONICS ENGINEERING

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
A PROJECT THESIS ON

SPEED CONTROL OF BLDC MOTOR USING FUZZY LOGIC CONTROLLER

Submitted in partial fulfilment of the Academic requirements for award of the degree of

Bachelor of Technology
In
ELECTRICAL AND ELECTRONICS ENGINEERING

BY

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This is to certify that the thesis entitled "SPEED CONTROL OF BLDC MOTORS USING FUZZY LOGIC CONTROLLER" has been successfully carried out by the following members under the guidance of **Dr. M. AJAY KUMAR** in partial fulfilment of the requirement for the award of B.Tech degree in **ELECTRICAL & ELECTRONICS ENGNEERING, Andhra Loyola Institute of Engineering and Technology**, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

DC SMART COOLER AND SPACE HEATER

Submitted in partial fulfilment of the
Academic requirement for award of the degree of

Bachelor of Technology

In

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By

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

MODELLING AND CLOSED LOOP CONTROL OF FUZZY LOGIC BOOST CONVERTER

Submitted in partial fulfilment of the
Academic requirement for award of the degree of

Bachelor of Technology

In

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

HARDWARE IMPLEMENTATION OF OVERVOLTAGE AND UNDERVOLTAGE PROTECTION SYSTEM

Submitted in partial fulfilment of the

Academic requirement for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

By

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

DESIGN AND IMPLEMENTATION OF AN IOT BASED SMART TRAFFIC SYSTEM USING RENEWABLE ENERGY SOURCE

Submitted in partial fulfilment of the Academic requirements for award of the degree of

Bachelor of Technology

Of

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This is to certify that the thesis entitled "**DESIGN AND IMPLEMENTATION OF AN IOT BAED MART TRAFFIC SYSTEM USING RENEWABLE ENERGY SOURCE**" has been successfully carried out by the following members under the guidance of Mr. L. KARUNAKAR, in partial fulfilment of the requirement for the award of B.Tech degree in ELECTRICAL & ELECTRONICS ENGNEERING, Andhra Loyola Institute of Engineering and Technology, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

DESIGN AND IMPLEMENTATION OF HYBRID POWER GENERATING SYSTEM

Submitted in partial fulfilment of the

Academic requirement for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A Project Thesis On

ELECRTICITY GENERATION USING OSCILLATING WATER COLUMN

Submitted in partial fulfilment of the
Academic requirements for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

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This is to certify that the thesis entitled "HARDWARE IMPLEMENTATION OF OSCILLATING WATER COLUMN" has been successfully carried out by the following members under the guidance of Dr. G.NAVEEN KUMAR, in partial fulfillment of the requirement for the award of B. Tech degree in ELECTRICAL & ELECTRONICS ENGNEERING, Andhra Loyola Institute of Engineering and Technology, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

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EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT REPORT ON

DESIGNING OF THREE PHASE TRANSMISSION LINE TO DETECT MULTIPLE FAULTS IN A POWER SYSTEM

Submitted in partial fulfilment of the

Academic requirements for award of the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering

By

V. DHANA RAJ	**(19HP1A0216)**
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

DESIGN AND IMPLEMENTATION OF TRANSFORMER HEALTH MONITORING SYSTEM USING IOT

Submitted in practical fulfilment of the

Academic Requirement for award of degree of

Bachelor of Technology

In

ELECTRICAL AND ELETRONICS ENGINEERING

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EXTERNAL EXAMINER

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A PROJECT THESIS ON

FAULT OVER RIDE AND MINIMIZATION OF LOSSES IN A PV INTEGRATED TRANSMISSION NETWORK USING STATCOM

Submitted in partial fulfilment of the

Academic requirements for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

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(Accredited by NBA)

CERTIFICATE

This is to certify that the thesis entitled **"FAULT OVER RIDE AND MINIMIZATION OF LOSSES IN A PV INTEGRATED TRANSMISSION NETWORK USING STATCOM"** has been successfully carried out by the following members under the guidance of **Dr. G. NAVEEN KUMAR**, in partial fulfilment of the requirement for the award of **B.Tech** degree in **ELECTRICAL & ELECTRONICS ENGINEERING**, **Andhra Loyola institute of Engineering and Technology**, vijaywada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

A.SINDHURI	**(19HP1A0209)**
D.SIVALEELA	**(19HP1A0210)**
T.TEJASWINI	**(19HP1A0212)**
S.LALITHA SRI	**(20HP5A0204)**
G.V.NCHANDRIKA	**(20HP5A0209)**

Dr. G. NAVEEN KUMAR,Ph.D

(Project Guide)

Dr. G. NAVEENKUMAR, Ph.D

(Head of the Department)

EXTERNAL EXAMINER

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

A PROJECT THESIS ON

SIMULATION OF LITHIUM-ION BATTERY BASED ELECTRIC VEHICLE WITH LONGITUDINAL DRIVE CONTROL

Submitted in partial fulfilment of the
Academic requirement for award of the degree of

Bachelor of Technology

In

ELECTRICAL AND ELECTRONICS ENGINEERING

By

M.KARTHIK	(20HP5A0215)
P.S.S.R LOKESH	(19HP1A0237)
N.MANIDEEP	(19HP1A0221)
A.AVINASH	(19HP1A0215)
MD.YASIN	(20HP5A0229)

Under the Esteemed Guidance of

Dr.M. AJAY KUMAR,

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VIJAYAWADA-520008, KRISHNA (Dist.), AP

(AY 2022-2023)

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Accredited by NBA)

CERTIFICATE

This is to certify that the thesis entitled "**SIMULATION OF LITHIUM-ION BATTERY BASED ELECTRIC VEHICLE WITH LONGITUDINAL DRIVE CONTROL**" has been successfully carried out by the following members under the guidance of **Dr.M. AJAY KUMAR,** in partial fulfilment of the requirement for the award of B.Tech degree in ELECTRICAL & ELECTRONICS ENGINEERING , Andhra Loyola Institute of Engineering and Technology, Vijayawada-08 (Affiliated to JNTU Kakinada). This work has not been submitted elsewhere for the award of any degree.

M.KARTHIK	(20HP5A0215)
P.S.S.R LOKESH	(19HP1A0237)
N.MANIDEEP	(19HP1A0221)
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5	19HP1A0205	KATTURI NAGA DURGA
6	19HP1A0206	PENUMAKA PRAGNA
7	19HP1A0207	SENAPATHI PUJA ISWARYA
8	19HP1A0208	DIGUMARTHI RAJA NANDINI
9	19HP1A0209	ALLAPUREDDY SINDHURI
10	19HP1A0210	DOKKU SIVA LEELA
11	19HP1A0211	KONAPANENI SNEHA
12	19HP1A0212	TALUPULA TEJASWINI
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16	19HP1A0216	VENDI DHANA RAJ
17	19HP1A0217	PEETHALA GEORGE BABU
18	19HP1A0218	MADDURI GOWTHAM
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21	19HP1A0222	BANDLAMUDI MANOJ
22	19HP1A0223	PULLURI MANOJ VENKAT
23	19HP1A0224	PATHAN MOHAMMAD SOHAIL KHAN
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26	19HP1A0227	PESWANI AAKASH
27	19HP1A0228	Y RAJA JAGANNADHA MURTHY
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29	19HP1A0230	KUNDURU RAMESH
30	19HP1A0231	PATHIKAYALA RAVI KRISHNA
31	19HP1A0232	KALYANAM SAI
32	19HP1A0233	BAYYAVARAPU SAMI MANIKANTA
33	19HP1A0235	MADIGELA SATISH KUMAR
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36	19HP1A0238	DAVULURI SYAM BENNY HINN
37	19HP1A0239	RAVURI TIRUPATHI RAO
38	19HP1A0240	VEERABOYINA UDAY KIRAN
39	19HP1A0241	VASANTH PRAKASH SUDARSANAM
40	20HP5A0201	Gadam Bharathi
41	20HP5A0202	Pulusu Jahnavi
42	20HP5A0203	Sankula Lakshmi Prasanna
43	20HP5A0204	Sammeta Lalitha Sri
44	20HP5A0205	Mandapati Poornima
45	20HP5A0206	Ramani Akanksha
46	20HP5A0207	Kasimkota Revathi
47	20HP5A0208	Shaik Sajida
48	20HP5A0209	Goripathi V N Chandrika
49	20HP5A0210	Salimatti Venkata Subhasri
50	20HP5A0211	Gollapalli Dinish
51	20HP5A0212	Arepalli Harish

52	20HP5A0213	Kotha Jagadeesh
53	20HP5A0214	Kannu Jayaram Bihari
54	20HP5A0215	Mullangi karthik
55	20HP5A0216	Kornu Karthik
56	20HP5A0217	Anupoju Kishore
57	20HP5A0218	Gudelli Lakshman
58	20HP5A0219	Berotula Naga Kalyan
59	20HP5A0220	Udari Nagendra Babu
60	20HP5A0221	Shaik Nagulu Meera
61	20HP5A0222	Vepuri Sai Srikanth
62	20HP5A0224	Regalla Satish Reddy
63	20HP5A0225	Maturi Sri Ranga Nath
64	20HP5A0226	Gonela Sri Sai Kiran
65	20HP5A0227	Dasari Sunil Babu
66	20HP5A0229	Mohammad Yasin

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An ISO 9001-2008 Certified
institution VIJAYAWADA-52008,A.P

BONAFIDE CERTIFICATE

This is to certify that the project report entitled **"TRAFFIC SIGN RECOGNITION AND ALERTING SYSTEM"** is a bonafide record of the work carried out by **K. KOTESWARA RAO (19HP1A0441) ,T. SANDEEP (19HP1A0453), T. VENKAT(19HP1A0462), I. YASASVI SAI PRADEEP (19HP1A0464)** submitted in the partial fulfillment of the requirements for the award of degree of **Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University Kakinada,** during the academic year **2019-2023.**

Mr. M. RAMA KRISHNA M.TECH
ASSOCIATIVE PROFESSOR (HOD)

Signature of guide

Mr. M. RAMA KRISHNA M.TECH
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Signature of HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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VIJAYAWADA-52008, A.P

CERTIFICATE

This is to certify that the project report entitled **"OPTIMIZATION OF SLOTTED CIRCULAR PATCH ANTENNA FOR WBAN APPLICATIONS"** is a Bonafide record of work carried out by Ms.K.Priyanka (19HP1A0420), Ms.A.Sri Divya (19HP1A0426), Ms.G.Sai Bhargavi (19HP1A0424) submitted in partial fulfillment of the requirements for the award of the degree of *Bachelor of Technology* in *Electronics and Communication Engineering* of Jawaharlal Nehru Technological University Kakinada, during the academic year 2019-2023.

Mr. Y. PAVAN KUMAR, M. Tech
Project guide

Mr. M. RAMAKRISHNA, BE, ME
Head Of The Department

External Examiner

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Certified institution VIJAYAWADA-52008, A.P

CERTIFICATE

This is to certify that the project report entitled **"Synthesis of Fingerprint pre-processing using brief thinning process"** is a Bonafede record of the work carried out by **S.Ratna Sowjanya (19HP1A0422),K.Jasmeen(19HP1A0408), Sk.Karishma (19HP1A0410)** under our guidance and supervision in particular fulfilment of the requirement for the award of degree of **Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University Kakinada,** during the academic year **2019-2023.**

Signature of Guide

Mr. PRANOB K CHARLES M. TECH (Ph.D.)
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Signature of HOD

Mr M. RAMKRISHNA M. TECH
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VIJAYAWADA-52008, A.P

CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND IMPLEMENTATION OF RING-SHAPED QUAD-BAND WEARABLE ANTENNA FOR Wi-Fi, WLAN, AND DRONE APPLICATIONS**" is a Bonafide Record of the work carried out by **G. KEERTHI SREE (19HP1A0412), D. LAVANYA (19HP1A0414), L. GAYTHRI (20HP5A0402), U. PALLAVI (19HP1A0418)** under the guidance and supervision in partial fulfilment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** of **Jawaharlal Nehru Technological University Kakinada, Kakinada,** during the academic year **2019-2023.**

Mr. M. Rama Krishna, M. Tech, (ph. D)
PROJECT GUIDE

Mr. M. Rama Krishna, M.E.
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CERTIFICATE

This is to **certify** that the project report entitled **"Development of Automatic Classification of Knee Osteoarthritis using Image Processing Techniques"** is a bonified record of work **carried out by Ms.CH.GOSPEL JOY (19HP1A0405), Ms.D.VENNELA (19HP1A0428)** and **Ms.S.BHARATHI REDDY (19HP1A0401) in partial** fulfillment of the requirements for the award of degree of **Bachelor of Technology** in **ELECTRONICS AND COMMUNICATION ENGINEERING,** Jawaharlal Nehru Technological **University** Kakinada, Kakinada, **during** the Academic Year 2022-2023.

Signature of Guide

Mrs.D.HEPZIBHA RANI,M.Tech
Assistant Professor
ECE Project guide

Signature of HOD

Mr. M. RAMA KRISHNA(Ph.D)
Head of the Department (HOD)

External Examiner

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BONAFIDE CERTIFICATE

This is to certify that the seminar report entitled **"DOOR ACCESS CONTROL SYSTEM"** is a bonafied record of work carried out by **T.NIKHIL(19HP1A0445), M.CHAITANYA SAI(19HP1A0435), G.SIVA SHANKAR(19HP1A0455), K.VAMSI(19HP1A061)** submitted in partial fulfilment of the requirements for the award of the degree of ***Bachelor of Technology*** in ***Electronics and Communication Engineering,*** Jawaharlal Nehru Technological University Kakinada, during academic session 2022-2023.

Signature of Guide
Mrs D.HEPZIBHA RANI M-Tech
ASSISTANT PROFESSOR

Signature of HOD
Mr M.RAMKRISHNA M.TECH (Ph.D)
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VIJAYAWADA-520008, A.P.

CERTIFICATE

This is to certify that the project report entitled **"FACIAL RECOGNITION BASED MULTIPLE CRIMINAL TDENTIFICATION USING PYTHON" is** a bonafied record of work carried out by **CH. ASHOK (19HP1A0431), N.KAMALNADH (19HP1A0440), P.SUJITH PAUL (19HP1A0434)** submitted in partial fulfilment of the requirements for the award of the degree of ***Bachelor of Technology*** in ***Electronics and Communication Engineering,*** Jawaharlal Nehru Technological University Kakinada, during academic session 2019-2023.

Dr. S. MALLIKHARJUNA RAO M. Tech., Ph.D.
GUIDE

Mr M. RAMKRISHNA M. TECH (Ph. D)
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External Examiner 13/4/23

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VIJAYAWADA- 520008, 2022-2023

CERTIFICATE

This is to certify that the project report entitled **"Zone based speed control using RF, GPS & V2V communication for collision avoidance using NRF"** is a bonified record of work carried out by **CH. BHARATH KRISHNA (19HP1A0433), G. MAHESH BABU (19HP1A0442), P. SOHAIL KHAN (19HP1A0456)** and in partial fulfilment of the requirements for the award of degree of **Bachelor of Technology** in ELECTRONICS AND COMMUNICATION ENGINEERING, Jawaharlal Nehru Technological University Kakinada, during the Academic year 2022-2023.

Ms. S. Spandana, M. Tech
Project Guide

Mr. M. Rama Krishna, M. Tech
Head of Department, ECE

EXTERNAL EXAMINER 19/4/23

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VIJAYAWADA-52008,

CERTIFICATE

This is to certify that the project report entitled "**FRUIT DISEASE DETECTION SYSTEM USING CNN**" is a bonafide record of the work carried out by **A. VENKATA MADHAVI (20HP5A0403),B.VINEESHA(20HP5A0404), T.RAJA RAJESWARI (19HP1A0421)** under our guidance and supervision in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Electronics and Communication Engineering** of **Jawaharlal Nehru Technological University Kakinada, Kakinada** during the academic year **2019-2023.**

19/4/23

Mr. G. ROOPA KRISHNA CHANDRA, M. Tech
PROJECT GUIDE

Mr. M. RAMA KRISHNA, M. Tech,(Ph.D.)
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EXTERNAL EXAMINER 19/4/23

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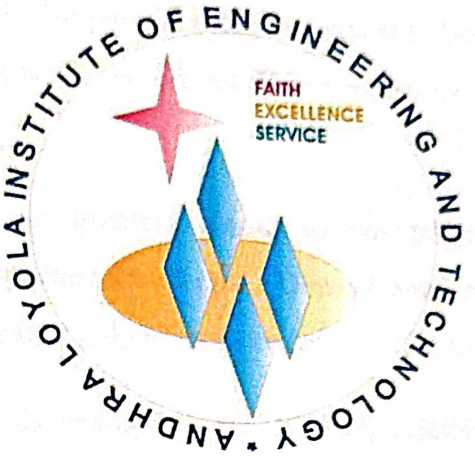

CERTIFICATE

This is to certify that the project report entitled "**Design And Development of 3-Element Flexible Slotted ECE-shaped Antenna Array for Wearable Applications**" is a Bonafide Record of the work carried out by **K.SWETHA (19HP1A0427), B.DEBORA(19HP1A0403), B.PRAGYA(19HP1A0419)** under guidance and supervision in partial fulfilment of the requirements for the award of degree of **Bachelor of Technology** in **Electronics and Communication Engineering** of **Jawaharlal Nehru Technological University Kakinada, Kakinada,** during the academic year **2019-2023.**

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Mr. M. Rama Krishna,M.E.
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EXTERNAL EXAMINER 19/4/23

RECORD OF STUDENTS MAJOR PROJECTS

Department :...ECE.....Batch nos:.....1-36..... Year / Sem:...IV..&..II Date:...20-04-2023

S.No.	Batch No	Roll Number	Name of the Student	TITLE OF THE PROJECT	Name of the Guide
1	1	19HP1A0423	PULAGUM SAI ALEKHYA	Development and Implementation of Smart Trolley System Using RFID Technology	Ms. S.SPANDANA
2		19HP1A0413	PERNNI.LAKSHMI DURGA		
3		19HP1A0407	ABBURI HONEY PRIYA		
4		19HP1A0416	GURUVINDAPALLI NAVYA		
5	2	20HP5A0401	JAMPANA DIVYA SRI	Detection of Diabetic Retinopathy Using Deep Learning	Mr. M.RAMKRISHNA (HOD)
6		19HP1A0415	REDDY NANDINI DEVI		
7		19HP1A0425	SRINIDHI RAVURI		
8		19HP1A0411	EJJY KAVYA		
9	3	19HP1A0412	GOLLAMUDI. KEERTHI SREE	Design and Implementation of Ring-Shaped Quad-Band WearableAntenna For Wi-Fi, WLAN, Military and Drone Applications	Mr. M.RAMA KRISHNA
10		19HP1A0414	DAMALA.LAVANYA		
11		20HP5A0402	LAKKAKULA GAYATRI		
12		19HP1A0418	UMMADI.PALLAVI		
13	4	19HP1A0417	PONDUGULA NIKITHA REDDY	Virtual Telepresence Robot for Crop Monitoring and Leaf Disease Detection	Mr. S.MALLIKHARJUNA RAO
14		19HP1A0409	V JITHA SRI SWETHA		
15		19HP1A0404	DIVYA MIDDE		
16		19HP1A0402	MEDURI. DAKSHAYANI		
17	5	19HP1A0427	KALAPALA SWETHA	Design and Development of 3- Element Flexible Slotted ECE Shaped Antenna Array for Wearable Applications	Mr. M.RAMA KRISHNA
18		19HP1A0403	BOYINA DEBORA		
19		19HP1A0419	BETHA PRAGYA		
20	6	19HP1A0405	CHEBROLU. GOSPEL JOY	Development of AutomaticClassification of Knee Osteoarthritis Using ImageProcessing Techniques.	Mrs. D.HEPSIBHA RANI
21		19HP1A0428	VENNELA DEVARAKONDA		
22		19HP1A0401	SANIVARAPU BHARATHI		

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23	7	19HP1A0420	KONDIPARTHI. PRIYANKA	Optimization of Slotted Circular Patch Antenna for WBAN Applications	Mr. Y.PAVAN KUMAR
24		19HP1A0426	ALLA.SRIDIVYA		
25		19HP1A0424	GOLTHI SAI BHARGAVI		
26	8	20HP5A0403	A VENKATA MADHAVI	Fruit Disease Detection System Using CNN	Mr. G.R.KRISHNA CHANDRA
27		20HP5A0404	BANDARU VINEESHA		
28		19HP1A0421	THOTA RAJA RAJESWARI		
29	9	19HP1A0422	SUNDARA RATNA SOWJANYA	Synthesis of Fingerprint Pre- Processing Using Brief Thinning Process	Mr. CH.PRANOB KUMAR
30		19HP1A0408	KALLURU JASMEEN		
31		19HP1A0410	SHAIK.KARISHMA		
32	10	19HP1A0433	BHARATH KRISHNA. CH	Zone Based Speed Control Using RF, GPS & V2V Communication for Collision Avoidance Using NRF	Ms.S.SPANDANA
33		19HP1A0442	G MAHESH BABU		
34		19HP1A0456	PATHAN SOHAIL KHAN		
35	11	19HP1A0430	ELASAGARAM ASHOK	Air Quality Prediction Based on Machine Learning	Mr. G.R.KRISHNA CHANDRA
36		19HP1A0436	K DHANUSH KALYAN SRI		
37		19HP1A0454	G.SARAT CHANDRA		
38		19HP1A0463	M.VENKATESH		
39	12	20HP5A0405	GOLLA DURGA PRASAD	Smart Assistive System for Visually Impaired People using Digital Image Processing	Mr. CH.PRANOB KUMAR
40		19HP1A0460	VEMULA TIRUPATHIRAO		
41		19HP1A0457	MANDLA SRAVAN KUMAR		
42		19HP1A0450	AKKI RAM GOPAL		
43	13	19HP1A0446	SAJJALA PAVAN SAI	Bluetooth Low Energy (BLE) Meshn for Smart High Data Rate Applications	Dr. T.LAKSHMINARAYANA
44		19HP1A0458	G.SRIKANTH		
45		19HP1A0432	D. BALARAMA KRISHNA SAI		
46		19HP1A0443	NAGAM MOHANA VAMSI		
47	14	19HP1A0445	T.NIKHIL	Door Access Control System using Image Processing and IoT	Mrs. D.HEPSIBHA RANI
48		19HP1A0435	MARADANI CHAITANYA SAI		
49		19HP1A0455	GUTTA SIVA SANKAR		
50		19HP1A0461	KARE VAMSI		
51	15	19HP1A0449	BATHINA RAJ KUMAR	Customized CNN Based Face Recognition System for Smart Applications	
52		19HP1A0448	EDARA RAGHURAM		

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53		19HP1A0438	B GOPI CHANDU		Dr. T.LAKSHMI NARAYANA
54		19HP1A0439	PERUGU JAGADEESH		
55	16	19HP1A0452	SHAIK SAI	Role of GPS, Pixhawk, LIDAR and Camera in the Design of Autonomous Vehicle	Dr. T.LAKSHMI NARAYANA
56		19HP1A0451	MUDDAM RAVITEJA		
57		19HP1A0429	PANIDEPU ARAVINDU BABU		
58		19HP1A0459	R SUDHARSHAN RAO		
59	17	19HP1A0441	KOTESWARA RAO K	Traffic Sign Recognition and Alerting System	Mr. M.RAMA KRISHNA (HOD)
60		19HP1A0453	TADEPALLI SANDEEP		
61		19HP1A0462	T. VENKAT		
62		19HP1A0464	I. YASASVI SAI PRADEEP		
63	18	20HP5A0406	RAYAPUDI SAI KIRAN	Design of Dual Band Wearable Antenna for ISM and X Band Applications	Mr. Y.Pavan Kumar
64		19HP1A0437	DONGARA.GANESH		
65		19HP1A0447	N PRANAV		
66	19	19HP1A0431	CHENNUBOINA.ASHOK	Facial Recognition Based Multiple Criminal Identification using Python	Mr. S.MALLIKHARJUNA RAO
67		19HP1A0440	NAGIDI KAMALNADH		
68		19HP1A0434	P SUJITH PAUL		
69	20	19HP1A0482	SAI KEERTHI CHANDU	Designing of Flexible and Dual-Band Antenna for Vehicular Communication	Mr.K.Appala Raju
70		19HP1A0485	KURAPATI SRIKALYANI		
71		19HP1A0477	USTHELA.JYOTHIKA		
72		20HP5A0407	MD.AMEENUN MEHABOOB		
73	21	19HP1A0468	MENDIDHALA ALEKHYA	An Interactive Feature Propagation for Image Matting	Mr.K.Srinivasa Rao
74		19HP1A0483	PULI .SINDHU		
75		19HP1A0487	MEKALA USHA SREE		
76		19HP1A0480	MIDASALA RISHITA RAO		
77	22	19HP1A0465	MOHAMMED. AFREEN	Designing of Frequency Reconfigurable PIF Antenna for Portable Devices	Mr.P.Bose Babu
78		19HP1A0472	RAJULAPATI. GOWTHAMI		
79		19HP1A0473	HIMASRI TANGELLA		
80		20HP5A0409	MARIA GOMES		
81		19HP1A0488	M.VENKATA SWETHA	Real Time Hand Gesture Recognition System Using CNN	
82		20HP5A0408	KEERTHANA		

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83		19HP1A0478	CHIGULLA. KAVITHA		Mr.G.Ravi
84		19HP1A0476	PEDASANAGANTI JAHNAVI		
85	23	19HP1A0481	RUCHITHA.VEJENDLA	Mutual Coupling Reduction Technique in a Dual-Band MIMO Antenna for WBAN Applications	Mr.G.Vijaya Kumar
86		19HP1A0484	R SRAVANTHI		
87		19HP1A0475	KURAMA JAHNAVI		
88	24	19HP1A0466	SYED AFROZ	CNN based Wildlife Intrusion Detection and Alert system	Mr.G.Ravi
89		19HP1A0490	K.YAMUNA		
90		19HP1A0467	SYED AFSHA		
91	25	19HP1A0474	HIMAVARDHINI	IoT based Smart City Monitoring system	Mr. Abdul Azeem
92		20HP5A0410	B.S.N.S.JAHNAVI		
93		19HP1A0486	SUPRIYA KONA		
94	26	19HP1A04B7	MEKALA RAMESH	Intelligent Accident Prevention and Detection System	Mr. Abdul Azeem
95		19HP1A04A5	PARASA LEELA KRISHNA		
96		19HP1A04C0	N.SRINIVAS REDDY		
97		19HP1A04B8	SHAIK SAMEER SAI		
98	27	19HP1A04C1	PAMOTI SURYA	Smart Voting System Using Face and Fingerprint Recognition	Dr.K.Prasanthi Jasmine
99		19HP1A04A1	BATHULA LEELA KRISHNA		
100		19HP1A04C6	ABDUL GAFFAR		
101		19HP1A04B1	AVULA NAVEEN KUMAR		
102	28	19HP1A04B4	V.OMSAICHARAN	Data Security using AES Algorithm for Dynamic Key Allocation	Mr.P.Bose Babu
103		19HP1A04B0	A NAVEEN KUMAR		
104		19HP1A04A0	PERUMALLA HARISH BABU		
105		19HP1A04C3	KONIDALA UDAYKUMAR		
106	29	19HP1A0495	ANISH THOTA	Triple band Dual ring Antenna for Wearable Applications	Mr.G.Vijaya Kumar
107		19HP1A04C5	G YASWANTHKUMAR		
108		19HP1A04B6	NAKKA PRATAP		
109		20HP5A0413	P YESWANTH BALAJI		
110		19HP1A04A9	L.NAGA RAJU	Design and Implementation of Smart Home System using IoT and ESPRAIN maker	
111		19HP1A0498	D BHARAT CHANDRA		

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112	30	19HP1A0492	SHAIK ABDUL SATTAR		Mrs.B.Santhi Kiran
113	31	19HP1A04A1	Y JAYASANKAR		
114	32	19HP1A04B9	SARJIL AHMAD	Air Canvas using Finger Trajectory	Mr.K.Srinivasa Rao
115		19HP1A04A7	MALLIKARJUNA REDDY		
116		19HP1A04C2	T SURYA UDAY BHASKAR		
117		19HP1A0496	BATHULA AVULARAJU		
118	33	19HP1A0499	SHAIK FHAREEDH	Image Forgery Detection	Dr.K.Prasanthi Jasmine
119		19HP1A04B2	NAVYAN MEKALA		
120		19HP1A0493	KOMARAVALLI ABHISHEK		
121	34	19HP1A04B5	CHIRIKI PRADEEP	Minimizing and Tracking of Electricity Theft	Mr.K.Appala Raju
122		19HP1A0494	ANAND PAUL NEREDIMILLI		
123		19HP1A0491	SHAIK ABDUL NAYEM		
124	35	20HP5A0411	CHAJAY BABU	A Light Wight DNN Architecture for Removal of Weed Plants in Smart Agriculture	Mr.Md.Baig Mohammad
125		19HP1A0497	BAVAN		
126	36	20HP5A0412	D SAI NARASIMHA	A Standalone Deep Learning Architecture for Baby Facial Emotion Recognition on Raspberry Pi	Mr.Md.Baig Mohammad
127		19HP1A04A2	JAVVAJI.JAYA GANESH SAI		
128		19HP1A04B3	THOTTADI NITESH KUMAR		

Project coordinator /date

HOD/ date

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Principal /date

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