

UNDERWATER IMAGE ENHANCEMENT USING DEEP RESIDUAL FRAMEWORK

*A Project Report submitted in partial fulfillment of the requirements for the
award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

P.U.N BHARATH KUMAR

19U41A0425

P. DEENASKHITHA

20U45A0423

N. NIHARIKA

19U41A0417

A.DURGA PRASAD

19U41A0401

Under the Guidance of

DR. P. POORNA PRIYA M.Tech

Associate Professor, Dept of E.C.E

Build New World

Diet

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NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project work entitled "UNDERWATER IMAGE ENHANCEMENT USING DEEP RESIDUAL FRAMEWORK" is being submitted by P.U.N BHARATH KUMAR (19U41A0425), P. DEENASKHITHA (20U45A0423), N. NIHARIKA (19U41A0417), and A. DURGA PRASAD (19U41A0401) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2022-2023.

P. Poorna Priya

DR. P. POORNA PRIYA

(Associate Professor)

(PROJECT GUIDE)

P. Poorna Priya

DR. P. POORNA PRIYA

(Associate Professor)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg & Techn
Anakapalle - 531002

ha
TOM

EXTERNAL EXAMINER

SOLAR BASED SMART FLOOR CLEANER

*1 Project Report submitted in partial fulfilment of the requirements for the
award of the Degree of*

**BACHELOR OF TECHNOLOGY
IN**

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

R.NANDHINI	20U45A0416
R.SAMPATH KUMAR	20U45A0417
P.VIDYA	19U41A0435
B.SAI	20U45A0403

*Under the Guidance of
Mr. A. S. N. Varma*

Assistant Professor, Department of ECE



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, info@diet.edu.in



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.NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, info@diet.edu.in

CERTIFICATE

This is to certify that the project work entitled “SOLAR BASED SMART FLOOR CLEANER” is being submitted by R. Nandhini (20U45A0416), R. Sampath Kumar (20U45A0417), P. Vidya (19U41A0435), B. Sai (20U45A0403) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022-23.

Mr. A.S.N. VARMA

(Assistant Professor)

(PROJECT GUIDE)

DR. P. POORNA PRIYA

(Associate Professor)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

EXTERNAL EXAMINER

**DETECTION OF DIBETIC RETINOPATHY USING
RETINAL IMAGE ANALYSIS**

A Project Report submitted in partial fulfilment
of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

N.VIDHYA SREE

20U45A0413

G.ANITHA

20U45A0406

K.SWAROOP

19U41A0437

K.ROSHINI

19U41A0408

Under the Guidance of
Dr.P.POORNA PRIYA
Associate Professor,
Head of the Department of ECE



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY**

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NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

2022-2023

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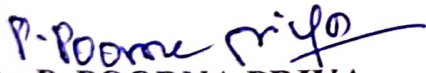
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

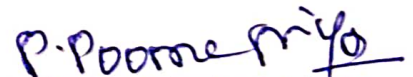
This is to certify that the Project work entitled “DETECTION OF DIABETIC RETINOPATHY USING RETINAL IMAGE ANALYSIS” is a being submitted by N.VIDHYA SREE (20U45A0413), G.ANITHA (20U45A0406), K.SWAROOP (19U41A0437), K.ROSHINI (19U41A0408) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022-23.



Dr. P. POORNA PRIYA

(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)



Dr. P. POORNA PRIYA

(ASSOCIATE PROFESSOR)


(HEAD OF THE DEPARTMENT)

Head of the Department

Electronics & Communication Engg

Dadi Institute of Engg. & Tech

Anakapalle - 531 002



EXTERNAL EXAMINER

APPLYING SMOOTHING TECHNIQUES TO PASSIVE TARGET TRACKING

A Project Report submitted in partial fulfillment of the Requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

N. VIJAYA	20U45A0414
M. HARISH	20U45A0429
D. SWARNA	19U41A0406
K.S.V. AJAY KIRAN	20U45A0408

Under the Esteemed Guidance of

Dr. KAUSAR JAHAN M. Tech, Ph.D.

Assistant Professor, Department of E.C.E



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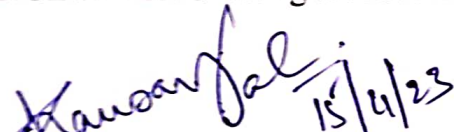
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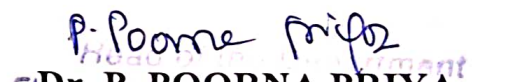
CERTIFICATE

This is to certify that the project work entitled “APPLYING SMOOTHING TECHNIQUES TO PASSIVE TARGET TRACKING” is being submitted N. VIJAYA (20U45A0414), M. HARISH (20U45A0429), D. SWARNA (19U41A0406), K.S.V. AJAY KIRAN (20U45A0408) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY IN ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022- 2023.


15/4/23
Dr. KAUSAR JAHAN

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)


Dr. P. POORNA PRIYA
Dadi Institute of Engineering & Tech

(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)



EXTERNAL EXAMINER

UNDER WATER AUTONOMOUS UNMANNED VEHICLE FOR SURVIELLANCE

*A Project Report submitted in partial fulfillment of
the requirements for the award of the Degree of*
BACHELOR OF TECHNOLOGY

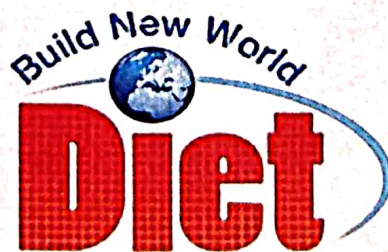
IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

Submitted by

M. JHANSI	19U41A0414
D. SRI SAI SAMPATH	20U45A0404
J. PADMA PRIYA	20U45A0407
V. SRAVYA SRI	19U41A0429

Under the Esteemed Guidance of
Mr. R. SUNEEL KUMAR
Assistant Professor, Department of ECE



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E-mail: info@diet.edu.in, academics@diet.edu.in

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NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in



CERTIFICATE

This is to certify that the Project work entitled “UNDER WATER AUTONOMOUS UNMANNED VEHICLE FOR SURVEILLANCE” is a being submitted by M. JHANSI (19U41A0414), D. SRI SAI SAMPATH (20U45A0404), J. PADMA PRIYA (20U45A0407), V. SRAVYA SRI (19U41A0429), in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION during the academic year 2022-23.

Mr. R. SUNEEL KUMAR
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

Dr. P. POORNA PRIYA
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

EXTERNAL EXAMINER

ELECTRIC VEHICLE USING BLDC MOTOR WITH DYNAMO CHARGING

*A Project Report submitted in partial fulfillment of the requirements for the
award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

P. SAIKUMAR (19U41A0426)

B. LOHITHA (20U45A0426)

K. CHANDINI (19U41A0409)

K. SHANMUKH (20U45A0427)

Under the Guidance of

Mrs. G. SIVAKUMARI M. Tech

Asst. Professor, Dept. of ECE



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NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project work entitled "ELECTRIC VEHICLE USING BLDC MOTOR WITH DYNAMO CHARGING" is being submitted by P. SAIKUMAR (19U41A0426), B . LOHITHA (20U45A0426), K . CHANDINI (19U41A0409) and K. SHANMUKH (20U45A0427) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2022-2023.

G Sivakumari

Mrs. G. SIVAKUMARI

(Asst. Professor)

(PROJECT GUIDE)

P. Poorna Priya

DR. P. POORNA PRIYA

(Associate Professor)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

Amu
20/02/23

EXTERNAL EXAMINER

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ELECTRONICS AND COMMUNICATION ENGINEERING

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19U41A0401

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DR. P. POORNA PRIYA M.Tech

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P. Poorna Priya

DR. P. POORNA PRIYA

(Associate Professor)

(PROJECT GUIDE)

P. Poorna Priya

DR. P. POORNA PRIYA

(Associate Professor)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg & Techn

Anakapalle - 531 002

ha
TSM

EXTERNAL EXAMINER

UNDER WATER AUTONOMOUS UNMANNED VEHICLE FOR SURVIELLANCE

*A Project Report submitted in partial fulfillment of
the requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

Submitted by

T. REVATHI

20U45A0420

M.VENKATA SAI SNEHIT

20U45A0411

P. HARINI

19U41A0419

Under the Esteemed Guidance of
Mrs. D. L. MYTHRI
Assistant Professor, Department of ECE



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Website: www.diet.edu.in, 9963694444

E-mail: info@diet.edu.in, academics@diet.edu.in



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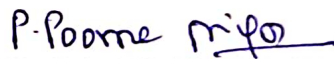
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CERTIFICATE

This is to certify that the Project work entitled “UNDER WATER AUTONOMOUS UNMANNED VEHICLE FOR SURVEILLANCE” is a being submitted by T.REVATHI (20U45A0420), M.VENKATA SAI SNEHIT (20U45A0411), P.HARINI (19U41A0419), in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION during the academic year 2022-23.


Mrs. D. L. MYTHRI
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Dr. P. POORNA PRIYA
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Gadi Institute of Engg. & Tech
Anakapalle - 531 002



EXTERNAL EXAMINER

Detection of Brain Tumor in MRI images by Applying Segmentation and Area Calculation by using MATLAB

*A final Project Report submitted in partial
fulfilment of the requirements for the award of
the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

Submitted by

U. USHODAYA	20U45A0421
B. SREE SOWMYA	19U41A0404
P. JYOSHNA	19U41A0420
S. GIRISH KUMAR	19U41A0436

Under the Esteemed Guidance of
Mr. K.S.N.V. Someswara Rao
Asst. Professor, Department of ECE



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Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

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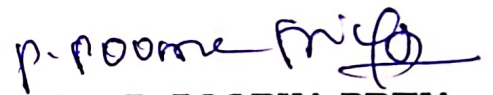
Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "Detection of brain tumor in MRI images by applying segmentation and area calculation by using MATLAB" is a being submitted by U. USHODAYA (20U45A0421), B. SREE SOWMYA (19U41A0404), P. JYOSHNA (19U41A0420) S. GIRISH KUMAR (19U41A0436) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2021-22.



Mr. K.S.N.V. Someswararao
PROJECT GUIDE



Dr. P. POORNA PRIYA

ASSOC. PROFESSOR, HOD
Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech
Anakapalle - 531 002



EXTERNAL EXAMINER

Secure Data Transfer using MQTT SSL Protocol

A Project Report submitted in partial fulfilment
of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

M.MOHANA PRATHYUSHA	19U41A0415
K.HANURATHAN	19U41A0410
P.DURGA PRASAD	19U41A0427

Under the Guidance of

Dr. A. NALINEE KUMARI

Assistant Professor



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

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NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the Project work entitled “SECURE DATA TRANSFER USING MQTT SSL PROTOCOL” is being submitted by M.MOHANA PRATHYUSHA (19U41A0415), K.HANURATHAN (19U41A0410), P.DURGA PRASAD (19U41A0427) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022-23.

A. Nalinee

Dr. A. NALINEE KUMARI
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

P. Poorna Priya

Dr. P. POORNA PRIYA
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)
Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
~ Anakapalle - 531 002 ~

hsk
TSM

EXTERNAL EXAMINER

HATE SPEECH DETECTION AND RACIAL BIAS MITIGATION IN SOCIAL MEDIA PLATFORMS

A Project Report submitted in partial fulfilment of the requirements for
the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

PENTAKOTA LIKITH	19U41A0423
SRIRANGAM SRILEKHA	20U45A0424
BASINA GOVARDHAN	19U41A0403
SINGAMPALLI BHARATHI	19U41A0438

Under the Esteemed Guidance of

Dr. B. Anjaneer Kumar

Assoc. Professor, Department of ECE



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NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in



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Website: www.diet.edu.in ,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

CERTIFICATE

This is to certify that the project work entitled "**HATE SPEECH DETECTION AND RACIAL BIAS MITIGATION IN SOCIAL MEDIA PLATFORMS**" is being submitted by P. LIKITH (19U41A0423), S. SRILEKHA (20U45A0424), B. GOVARDAN (19U41A0403), S. BHARATHI (19U41A0438), in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2022-2023.


Dr. B. Anjanee Kumar

(Assoc. Professor)

(Project Guide)


Dr. P. Poorna Priya

(Assoc. Professor)

(Head of the department)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
- Anakapalle - 531 002


EXTERNAL EXAMINER

AUTOMATED ATTENDANCE SYSTEM USING HAAR CASCADE CLASSIFIER AND LOCAL BINARY PATTERN HISTOGRAM ALGORITHM

A Project Report submitted in partial fulfillment of the requirements
for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

Submitted by

K. GAYATRI DEVI	(19U41A0412)
P. SRAVANI	(19U41A0424)
A. KHYATHI	(19U41A0432)
V. SATYA NARAYANA	(20U45A0422)

Under the Guidance of
Mrs. B. T. Archana M. Tech
Asst. Professor, Dept. of ECE



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CERTIFICATE

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Mrs. B.T. Archana

(Asst. Professor of ECE)

(PROJECT GUIDE)

Dr. P. Poorna Priya

(Assoc. Professor of ECE)

(HEAD OF THE DEPARTMENT)

Head of the Department

Electronics & Communication Engg

Dadi Institute of Engg. & Tech

Anakapalle - 531 002

EXTERNAL EXAMINER

ARTIFICIAL WEATHER CHAMBER

A Project Report submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

Submitted by

KOMALI ULLI

19U41A0428

ISMAIL SHAIK

20U45A0419

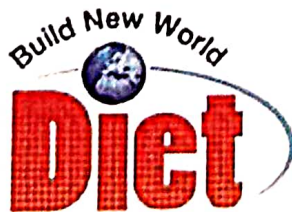
RADHA BALIBOYINA

19U41A0402

Under the Esteemed Guidance of

Mr. A. SANKARA RAO

Asst.Professor, Department of ECE



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NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the project work entitled "ARTIFICIAL WEATHER CHAMBER" is a being submitted by KOMALI ULLI (19U41A0428), ISMAIL SHAIK (20U45A0419), RADHA BALIBOYINA (19U41A0402) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** for **ELECTRONICS & COMMUNICATION ENGINEERING** during the academic year 2022-2023.

A. Sankara Rao

Mr. A. SANKARA RAO

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)

P. Poorna Priya

Dr. P. POORNA PRIYA

(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

[Signature]
EXTERNAL EXAMINER

SMART CROWDSENSING IN DISASTER MANAGEMENT

A Project Report submitted in partial fulfillment
of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

P.MOHANA SRIJA

19U41A0421

A.CHANDINI

20U45A0425

M.V.S.S.SATYA NARAYANA

20U45A0428

K.NEERAJ SHASHANK

19U41A0433

Under the Guidance of

Mr. S. VEERRAJU, M. Tech
Assistant Professor, Department of ECE



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

2022-2023

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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NH -16, ANAKAPALLE – 531 002, Visakhapatnam, A.P. E-Mail: info@diet.edu.in

2022-2023

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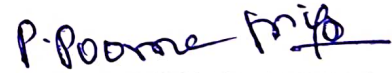
This is to certify that the Project work entitled “SMART CROWDSENSING IN DISASTER MANAGEMENT” is being submitted by P. MOHANA SRIJA (19U41A0421), A. CHANDINI (20U45A0425), M.V.S.S. SATYA NARAYANA (20U45A0428), K. NEERAJ SHASHANK (19U41A0433) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022-23.



Mr. S. VEERRAJU

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)



Dr. P. POORNA PRIYA

(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002



EXTERNAL EXAMINER

**Data Encoding Techniques for Reducing Energy
Consumption in Network-on-Chip**

A Project Report submitted in partial fulfillment of the requirements

for the award of the Degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND COMMUNICATION
ENGINEERING**

Submitted by

M.MAHA TEJA GANESH	(19U41A0413)
B.CHANDRASEKHAR	(19U41A0405)
D. A N M V SAIPRIYA	(20U45A0405)
S.YASASWANI	(20U45A0418)

Under the Esteemed Guidance of

Dr.P.POORNA PRIYA

M.Tech, Ph.D

Associate.Professor, Department of ECE



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Website: www.diet.edu.in, 9963694444, E-mail: info@diet.edu.in, academics@diet.edu.in



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Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

CERTIFICATE

This is to certify that the project work entitled " DATA ENCODING TECHNIQUES FOR REDUCING ENERGY CONSUMPTION IN NETWORK ON CHIP " is being submitted by M.MAHA TEJA GANESH (19U41A0413), D.A.N.M.V.SAIPRIYA (20U45A0405), B.CHANDRASEKHAR (19U41A0405), S.YASASWANI (20U45A0418) in partial fulfilment of the requirement for the award of degree of " BACHELOR OF TECHNOLOGY FOR ELECTRONICS AND COMMUNICATION ENGINEERING " during the academic year 2022-2023.

P. Poorna Priya

Dr.P.POORNA PRIYA
(ASSOCIATE.PROFESSOR)
(PROJECTGUIDE)

P. Poorna Priya

Dr.P.POORNA PRIYA
(ASSOCIATE.PROFESSOR)
(HEAD OF THEDEPARTMENT)

Head of the Department
Electronics & Communication Engg
Qadi Institute of Engg. & Tech
Anakapalle - 531 002

hsh
TSYMS

EXTERNAL EXAMINER

FAKE CURRENCY RECOGNITION SYSTEM

A Project Report submitted in partial fulfilment of the requirements for the award

of the Degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

P. LAVANYA

19U41A0422

V.MEGHANA

19U41A0430

A. MOHAN KAVYA

20U45A0401

P. KUSHAN KUMAR

20U45A0415

Under the Guidance of

Dr.B.ANJANEE KUMAR

Associate Professor, Department of ECE



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Website: www.diet.edu.in, 9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

CERTIFICATE

This is to certify that the Project work entitled "FAKE CURRENCY RECOGNITION SYSTEM" is being submitted by P. LAVANYA (19U41A0422), V. MEGHANA (19U41A0430), A. MOHAN KAVYA (20U45A0401), P. KUSHAN KUMAR (20U45A0415) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2022-23.

Dr. B. ANJANEE KUMAR
(ASSOCIATE PROFESSOR)
(PROJECT GUIDE)

Dr. P. POORNA PRIYA
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

EXTERNAL EXAMINER