

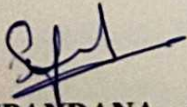
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
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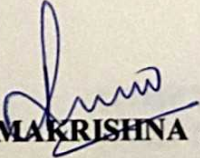
CERTIFICATE

This is to certify that the Project report entitled "SEGMENTATION ON BRAIN TUMOR MRI IMAGES" is a bonafied record carried out by D.APEKSHA (17HP1A0463), B.VISHNUPRIYA (17HP1A0493), P.N.V.S.D.TEJASRI (17HP1A0484)

in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING, Jawaharlal Nehru Technological University Kakinada, during the academic year 2020-2021.


Ms.S.SPANDANA , M.Tech

Signature of Guide


Mr.M.RAMAKRISHNA , M.Tech

Signature of HOD

EXTERNAL EXAMINER

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUK, Kakinada)

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VIJAYAWADA-520008

2020-2021



CERTIFICATE

This is to certify that the project report entitled “**Design of IOT based Real-Time Security System on Face Recognition using Raspberry Pi**” is a bonified record of work carried out by **Mr.CH.ARUN KUMAR (17HP1A0497)**, **Mr.A.AKHIL (17HP1A0496)** and **Mr.G.PAVAN KUMAR (17HP1A04A8)** 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 2020-2021.


Dr. K. PRASANTH JASMINE, Ph.D.

professor

Project guide


Mr. M. RAMA KRISHNA, M. Tech(Ph. D)

Head of the Department(HOD), ECE

External Examiner

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VIJAYAWADA-520008.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "REDUCTION OF EFFECT OF MULTIPLE HARDWARE TROJANS IN CRYPTOPROCESSOR," is a bonafied record of work carried out by Mr. K. NEERAJ (17HP1A04A5), Mr. B. BHANUPRAKASH (18HP5A0420), and Mr. K. PHANI (18HP5A0422) 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, Kakinada.

Mr. P. BOSEBABU

Project Guide

Mr. M. Rama Krishna

Head of the Department, ECE

EXTERNAL EXAMINER

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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VIJAYAWADA-520008, A.P.

2020-2021



CERTIFICATE

This is to certify that the project report entitle "DESIGN OF 128-ALU TO OVERCOME REVERSE ENGINEERING THEFT" is bonafide record of the work carried out by E.PAVAN KUMAR(17HP1A04A6), K.V.S.BRAHMENDRA KUMAR(17HP1A04B8), K.PAVAN KUMAR(18HP1A0421), P.ANANTH KUMAR(16HP1A0491) 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, Jawaharlal Nehru Technological University Kakinada, during the academic year 2020-2021.


Mr. N. ANJANEYALU M.Tech,(Ph.D)
Project guide


Mr. M. RAMA KRISHNA, M.Tech,(Ph.D)
Head of the Department, ECE

External Examiner

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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VIJAYAWADA-520008

2017-2021



CERTIFICATE

This is to certify that the project report entitled "IOT BASED AUTOMATIC FIRE,GAS AND SHORT CIRCUIT ADVANCED SECURITY SYSTEM" is a bonafied record of work carried out by **Mr. P. BHARTH KUMAR (17HP1A0435)**, **Mr. B. CHANDRA BABU (17HP1A0437)**, **Mr. B.JAYADEEP (18HP5A0409)** and **Mr.K.RAHUL (17HP1A0445)** 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 2017-2021.

Mr .M.RAMA KRISHNA, M.Tech

Assistant professor

Project guide

Mr. M. RAMA KRISHNA, M.E

Head of the Department, ECE

External Examiner

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND
TECHNOLOGY (Approved by AICTE & Affiliated to JNTUK, Kakinada)**

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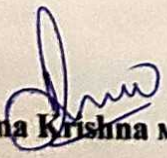
VIJAYAWADA-520008


2020-2021



CERTIFICATE

This is to certify that the project report entitle "VEHICULAR POLLUTION DETECTION USING IMAGE PROCESSING AND IOT" is a bonafide record of the work carried out by **M.Manasa(17HP1A0479), Shaik Asma(17HP1A0464), D. Prasanna(18HP5A0417)** 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, Jawaharlal Nehru Technological University Kakinada, during the academic year 2020-2021.**


M. Rama Krishna M.Tech
Associate professor
Projectguide


Mr.M.RAMA KRISHNA M.Tech
Head of the Department, ECE

External Examiner

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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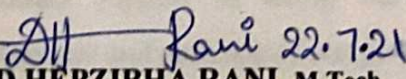
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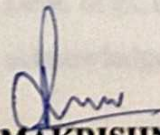


BONAFIDE CERTIFICATE

This is to certify that the project report entitled “**DESIGN OF MINIATURIZED TRI-BAND MONOPOLE RECONFIGURABLE ANTENNA**” submitted by **MA.SHAHINA (18HP5A0413), D.PRATHYUSHA (17HP1A0487), SAYEEDA FATHIMA (17HP1A0470)** in partial fulfilment of the requirements for the award of the **Degree Of Bachelor Of Technology in ELECTRONICS AND COMUNICATION ENGINEERING** is a bonafide record of the work carried out under my guidance and supervision at **ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, Jawaharlal Nehru Technological University, Kakinada, during the academic session 2020-2021.**


Mrs. D.HEPZIBHA RANI, M.Tech

Project Guide


Mr. M. RAMAKRISHNA, M.Tech.

Head of the Department, ECE

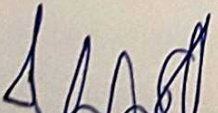
External Examiner

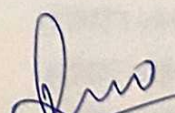
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VIJAYAWADA-520008, A.P



CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC DETECTION OF IMAGE ENHANCEMENT BY ENHANCING X-RAY IMAGE USING DEEP LEARNING" is a Bonafide Record of work carried out by **K.DIVYA(17HP1A0467)**, **T.GREESHMA (17HP1A0471)** and **B.MANASA (17HP1A0478)** under our guidance and supervision in partial fulfilment 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 academic year **2020-2021**.


Mr. PRANOB K CHARLES M.Tech(PhD)
Project Guide


Mr. M. RAMAKRISHNA M.Tech
Head of the Department, ECE

EXTERNAL EXAMINER

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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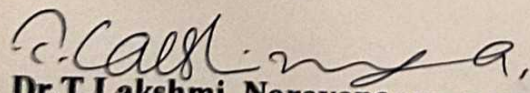
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Vijayawada-520008, A.P.

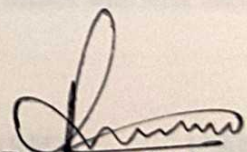


CERTIFICATE

This is to certify that the project report entitled "WEB APPLICATION ENABLED FACE RECOGNITION SYSTEM FOR SMART ATTENDANCE APPLICATION USING ML AND AI ALGORITHMS" is a bonafide record of the work carried out by A.V.S.Y.NARAYANA SARMA(17HP1A0452), J. VIJAY KUMAR(16HP1A0458), T. SURYA TEJA(17HP1A0450), CH. MOHAN SUNDAR (17HP1A0441) under our guidance and supervision in 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, Kakinada during the academic year 2017-2021.


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

Project Guide


Mr. M. RAMAKRISHNA, B.E, M.E

Head of Department, ECE

EXTERNAL EXAMINER

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
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CERTIFICATE

This is to certify that the project report entitled "IOT BASED COVID-19 SETBACK AND TREATMENT RELATED INFORMATION" is a Bonafide Record of work carried out by **P.MOUNIKA(17HP1A0481)**, **K.SRAVANTHI(17HP1A0491)** and **A.RAMYA(17HP1A0488)** under the guidance of **Mrs.SANTHI KIRAN.B**, submitted in partial fulfilment of the requirements of the award of the degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING**, **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, KAKINADA** during the academic year **2020-2021**.

Mrs.B.SANTHI KIRAN M.Tech, (Ph.D)

Signature of Guide

Mr. M.RAMA KRISHNA M.Tech

Signature of HOD

EXTERNAL EXAMINER

HEXNBIT

“SKILLING FOR FUTURE”

INDUSTRY PARTNER – TEVATRON TECHNOLOGIES PVT LTD



HexnBit
Skilling for Future

Reference Unique ID: HNB0309200593

Date: 03/09/2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Venkata Gopi Sai Teja Thungala** from **Andhra Loyola Institute of Engineering & Technology** has undergone and completed his Summer Training & Internship Program in “**Online Internship in VLSI Design**” from July 2020 to August 2020.

During this period, exposure has been given on various technical activities around “**VLSI**” technology at Tevatron Technologies Pvt. Ltd. He has successfully done a project on “**One Cross Three Router**”.

We found him extremely inquisitive & hardworking. He was very much interested to learn the function of our core division & also willing to put his extra effort to get into the depth of the subject in order to understand it better. His overall performance has been rated very Good & we would like to wish him for future endeavors.

Regards,

RAJEEV
TIWARI
Digitally signed
by RAJEEV
TIWARI
Date: 2020.09.08
02:48:16 +05'30'

For. Hexnbit



For. Tevatron Technologies Pvt Ltd





नामांकन सं. / Enrollment No. : 2020650289151

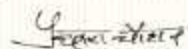
CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

iirs

यह प्रमाणित किया जाता है कि श्री अद्वेपल्ली वी एस वाय नारायण सरमा को यह प्रमाण पत्र “सुदूर संवेदन और डिजिटल छवि विश्लेषण” में ऑनलाइन पाठ्यक्रम में प्रतिभाग करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस), इसरो, देहरादून द्वारा 17 अगस्त, 2020 से 11 सितंबर, 2020 (कुल पाठ्यक्रम अवधि = 25 घंटे 30 मिनट) के दौरान किया गया।

This is to certify that **MR. ADDEPALLI V S Y NARAYANA SARMA** has been awarded this certificate for participation in online course on “**Remote Sensing and Digital Image Analysis**” conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **17-08-2020 to 11-09-2020 (Total course duration = 25 hours and 30 minutes)** .

iirs



Date: 03-12-2020

समन्वयक, विश्वविद्यालय/संस्थान

Place: Dehradun

Coordinator, University/Institution

निदेशक/ Director

आई०आई०आर०एस, देहरादून/ IIRS, Dehradun

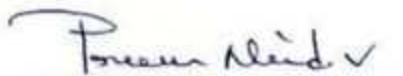
Date: 25-01-2021.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **MAREEDU SWETHA PRIYA**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed internship with **NPHSAT SYSTEMS PVT LTD**, during the period of **2 weeks** (23/12/2020 to 16/01/2021).

During the course of internship, **MAREEDU SWETHA PRIYA** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish her all the very best for her future.



(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP Certificate No: DIPP49404

CIN:U74999AP2019PTC110220

Date.: 16-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MANDALAPU MADHU SUDHAN REDDY**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed an internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **16/06/2020 to 16/07/2020**.

During the course of the internship, **MANDALAPU MADHU SUDHAN REDDY** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to detail is impressive.

We wish him all the very best for his future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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Department of Industrial
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CIN:U74999AP2019PTC110220



Date.: 16-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. NEELI JYOTHIRMAI**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed an internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **16/06/2020 to 16/07/2020**.

During the course of the internship, **NEELI JYOTHIRMAI** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to detail is impressive.

We wish her all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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CIN:U74999AP2019PTC110220



Date.: 16-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. KOLLIPARA BHAVAGNYA**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed an internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **16/06/2020 to 16/07/2020**.

During the course of the internship, **KOLLIPARA BHAVAGNYA** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to detail is impressive.

We wish her all the very best for her future.



(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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CIN:U74999AP2019PTC110220



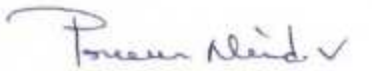
Date.: 16-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SK. MUSKAN TARANNUM**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed an internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **16/06/2020 to 16/07/2020**.

During the course of the internship, **SK. MUSKAN TARANNUM** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to detail is impressive.

We wish her all the very best for her future.



(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP
Department of Industrial
Policy & Promotion

DIPP Certificate No: DIPP49404

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CIN:U74999AP2019PTC110220



Indian Servers

Vijayawada,
Dt.10-09-2020.

Internship Completion Certificate

This is to certify that **Ms. ANKEM.CHANDANA** Successfully completed "8+ weeks Internship" at **Indian Servers, Vijayawada** from 30-06-2020 to 10-09-2020, as "**Trainee - Machine Learning**".

During the period of Internship Program with us ANKEM.CHANDANA has been exposed to various concepts like *Basic Python Programming, Statistics Machine Learning Algorithms (Supervised and Unsupervised), basics of Deep Learning using PyTorch, OpenCV, basics of transfer learning.*

During this period the contribution of ANKEM.CHANDANA in development of our company projects using Machine Learning and Deep learning is "Satisfactory".

UID: **INDSER2020ML001**

This certificate can verified on Appoint

With warm regards,


D. Sai Satish
CEO, Indian Servers

IS13B027



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UNIVERSITY PROGRAM

 **TEXAS
INSTRUMENTS**

ADVANCE INTERNSHIP PROGRAM

This is to certify that Bellamkonda Naga Venkatasai Chandra Sekhar of Andhra Loyola Institute Of Engineering And Technology has successfully undergone Two Weeks Online Internship Program starting from 15th August '2020 on Advanced Internship Program on Embedded System with RTOS organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

Mahesh Kumar

EdGate Technologies Pvt Ltd



EDGATE PARTNERS

Date.: 16-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. KODELA VENKATA SAI BRAHMENDRA KUMAR**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed an internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **16/06/2020 to 16/07/2020**.

During the course of the internship, **KODELA VENKATA SAI BRAHMENDRA KUMAR** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to detail is impressive.

We wish him all the very best for his future.



(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP
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DIPP Certificate No: DIPP49404

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CIN:U74999AP2019PTC110220



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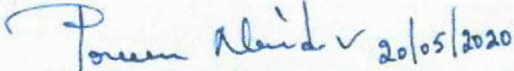
Date: 20-05-2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **SRILEKHA GOVVALA**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed internship with **NPHSAT SYSTEMS PVT LTD**, during the period from **24/04/2020 to 25/05/2020**.

During the course of internship, **SRILEKHA GOVVALA**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director and Chief Engineer



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP Certificate No: DIPP49404



CIN:U74999AP2019PTC110220


Date: 25-01-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **DONDETI MARY SUPRIYA**, Student of **Andhra loyola institute of engineering and technology**, has successfully completed Internship with **NPHSAT SYSTEMS PVT LTD** during the period of **2 weeks** from **(23/12/2020 to 16/01/2021)**.

During the course of internship, **DONDETI MARY SUPRIYA**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP Certificate No: DIPP49404

CIN:U74999AP2019PTC110220

NPHSAT/2021/HR/05-2021/02

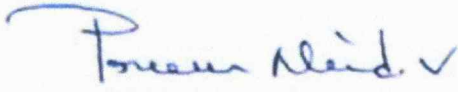
Date: 25-05-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **GURRAM. YAMINI**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed **2** weeks Internship on “Small Satellite Design” with **NPHSAT SYSTEMS PVT LTD** during the period from **4/05/2021 to 22/05/2021**.

During the course of internship, **GURRAM. YAMINI**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by:



DIPP Certificate No: DIPP49404

CIN:U74999AP2019PTC110220

NPHSAT/2021/HR/05-2021/03

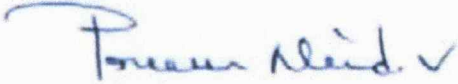
Date: 25-05-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **K. SRUTHI**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed **2** weeks Internship on "Small Satellite Design" with **NPHSAT SYSTEMS PVT LTD** during the period from **4/05/2021** to **22/05/2021**.

During the course of internship, **K. SRUTHI**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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CIN:U74999AP2019PTC110220

NPHSAT/2021/HR/05-2021/04


Date: 25-05-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **KEERTHI TIRUMALASETTY**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed **2** weeks Internship on “Small Satellite Design” with **NPHSAT SYSTEMS PVT LTD** during the period from **4/05/2021 to 22/05/2021**.

During the course of internship, **KEERTHI TIRUMALASETTY**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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CIN:U74999AP2019PTC110220


Date: 25-01-2021.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **K. NITHYA SREE RANJAN**, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed internship with **NPHSAT SYSTEMS PVT LTD**, during the period of **2 weeks** (23/12/2020 to 16/01/2021).

During the course of internship, **NITHYA SREE RANJAN** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish her all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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सूक्ष्म, लघु एवं मध्यम उद्यम



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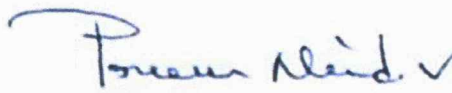
Date: 25-01-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **K. PRATHYUSHA REDDY**, Student of **Andhra Loyol institute of engineering and technology**, has successfully completed Internship with **NPHSAT SYSTEMS PVT LTD** during the period of **2 weeks** from **(23/12/2020 to 16/01/2021)**.

During the course of internship, **K. PRATHYUSHA REDDY**, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish all the very best for her future.


(Dr. Praveen Naidu Vummadisetty)
Founder, Director & CEO



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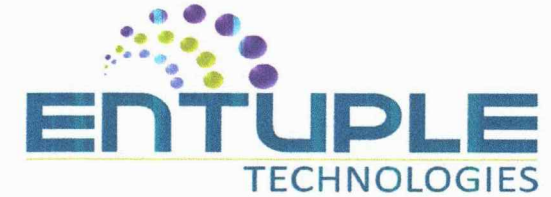


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INTERNSHIP CERTIFICATE

This is to certify that **HARSHITHA PRASANTHI KANNA**
from
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
has completed the Online Internship Program on
DESIGN AND VERIFICATION USING VERILOG
from 8th Aug to 22nd Sept 2020.

Mr. Puneet Kumar Mishra
Chair, IEEE Bangalore Section
Secretary, IEEE India Council



Certificate Number: 2009040116

Mr. Damodara M S
Business Manager,
Entuple Technologies Pvt. Ltd.

NPHSAT/2021/HR/05-2621/01

Date: 25-05-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. K. KIRAN ARSHITHA, Student of **Andhra Loyola Institute of Engineering and Technology**, has successfully completed 2 weeks internship on "Small Satellite Design" with **NPHSAT SYSTEMS PVT.LTD** during the period from **4/05/2021** to **22/05/2021**.

During the course of internship, K. KIRAN ARSHITHA, has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are top excellence and her attention to details is impressive.

We wish all the very best for her future.



(Dr. Praveen Naidu Venkataswamy)
Founder, Director & CEO



NPHSAT SYSTEMS (P) LTD. Recognized by



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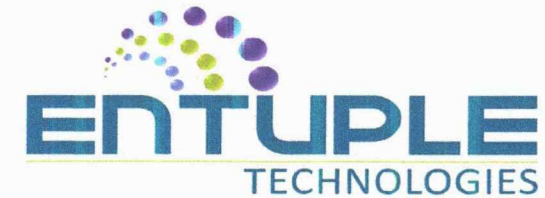
DIPP Certificate No. DIPP/PM/20

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CIN:U06869P2004PTC1023



INTERNSHIP CERTIFICATE

This is to certify that **SALI ANVITHA**

from

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

has completed the Online Internship Program on

DESIGN AND VERIFICATION USING VERILOG

from 10th Sept to 30th Oct 2020.

Mr. Puneet Kumar Mishra
Chair, IEEE Bangalore Section
Secretary, IEEE India Council



Certificate Number: 2011090009

Mr. Damodara M S
Business Manager,
Entuple Technologies Pvt. Ltd.

Certificate of Quantum Excellence

This is to certify that

Hari Pavan Puvvula

has successfully completed and received a passing score on applied exercises and learning development at the 2021 Qiskit Global Summer School on Quantum Machine Learning, demonstrating applied understanding and comfort with and about Quantum Computing and Quantum Machine Learning using Qiskit.



Amira Abbas
IBM Quantum

July 12-23, 2021

Date



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CERTIFICATE OF INTERNSHIP

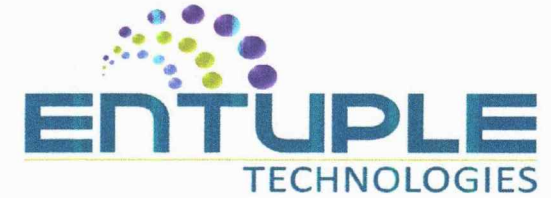
This is to certify that Deepika Morla of Andhra Loyola Institute Of Engineering And Technology has successfully undergone ten days Online Internship Program from 06th to 15th July '2020 on Advanced Embedded System Design using Tiva C Series Microcontroller organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

Mahesh Kumar

EdGate Technologies Pvt Ltd



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INTERNSHIP CERTIFICATE

This is to certify that **KODELA VENKATA SAI BRAHMENDRA KUMAR**

from

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

has completed the Online Internship Program on

DESIGN AND VERIFICATION USING VERILOG

from 8th Aug to 22nd Sept 2020.

Mr. Puneet Kumar Mishra
Chair, IEEE Bangalore Section
Secretary, IEEE India Council



Mr. Damodara M S
Business Manager,
Entuple Technologies Pvt. Ltd.

Certificate Number: 2009040208

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This is to certify that Adharapurapu Prudhvi of Andhra Loyola Institute Of Engineering And Technology has successfully undergone Two Weeks Online Internship Program starting from 03rd August '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

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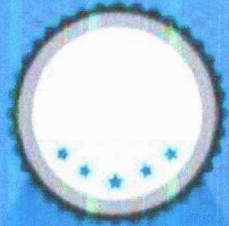
This is to certify that Bellamkonda Naga Venkatasai Chandra Sekhar of Andhra Loyola Institute Of Engineering And Technology has successfully undergone Two Weeks Online Internship Program starting from 15th August '2020 on Advanced Internship Program on Embedded System with RTOS organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

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This is to certify that B V P S S S HARIKA of Andhra Loyola Institution Of Engineering And Technology has successfully undergone Two Weeks Online Internship Program starting from 27th July '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India

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CERTIFICATE OF INTERNSHIP

*This is to certify that **Munagala Vikas** of **Andhra Loyola Institute of Engineering and Technology** has successfully undergone **Two Weeks Online Internship Program** starting from **31st August '2020** on **Embedded System Design** organized by **EdGate Technologies Pvt Ltd Bangalore** under **Texas Instruments India University Program**.*

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CERTIFICATE OF INTERNSHIP

This is to certify that K Naga Vardhana Reddy of Andhra Loyola Institute of Engineering and Technology has successfully undergone Two Weeks Online Internship Program starting from 31st August '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

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CERTIFICATE OF INTERNSHIP

This is to certify that Thasein Shaik of Andhra Loyola Institution Of Engineering And Technology has successfully undergone Two Weeks Online Internship Program starting from 27th July '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.


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This is to certify that Siva Kiran Botcha of Andhra Loyola Institute of Engineering and Technology has successfully undergone Two Weeks Online Internship Program starting from 31st August '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

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CERTIFICATE OF INTERNSHIP

*This is to certify that **Surya Teja Thati** of **Andhra Loyola Institute of Engineering and Technology** has successfully undergone **Two Weeks Online Internship Program** starting from **31st August '2020** on **Embedded System Design** organized by **EdGate Technologies Pvt Ltd Bangalore** under **Texas Instruments India University Program**.*

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This is to certify that Sai Gunturu of Andhra Loyola Institute of Engineering and Technology has successfully undergone Two Weeks Online Internship Program starting from 31st August '2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

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CERTIFICATE OF INTERNSHIP

*This is to certify that Pagolu Sriharika of Andhra Loyola Institute Of Engineering
And Technology has successfully undergone ten days Online Internship Program
from 06th to 15th July '2020 on Advanced Embedded System Design using Tiva C Series
Microcontroller organized by EdGate Technologies Pvt Ltd Bangalore under Texas
Instruments India University Program.*

Mameet Uzun

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