



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)

Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri (D).TS-500088

Phone: 9394544566 / 6305324412

e-mail: princeton.principal2020@gmail.com

JNTUH Code (6M) CIVIL-EEE-ECE-CSE-CSE (AI&ML) -CSE (DS) -CSE (CS) EAMCET Code- PETW

2.3.1 Student centric methods, such as Experimental learning, Participative learning and problem solving methodologies are used for enhancing learning experiences:

a) Experimental learning

- I) Student's Internship**
- II) Mini & Major Projects done by the Students**

Pijeev
Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)

Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri(D).TS-500088

Phone: 9394544566 / 6305324412


e-mail: princeton.principal2020@gmail.com

JNTUH Code (6M) CIVIL-EEE-ECE-CSE-CSE (AI&ML) -CSE (DS) -CSE (CS) EAMCET Code- PETW

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

a) Experimental learning

I) Student's Internship


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)

Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri (D).TS-500088

Phone: 9394544566 / 6305324412

e-mail: princeton.principal2020@gmail.com

JNTUH Code (6M) CIVIL-EEE-ECE-CSE-CSE (AI&ML) -CSE (DS) -CSE (CS) EAMCET Code- PETW

Date: 02/02/2022

To
Technical Director,
R TECHNO SOLUTIONS,
Kothapet, Hyderabad.

Sub: permission to provide internship to yours esteemed company - Reg.

Respected sir,

I am N. Vidya, Working as Assistant professor / HOD of ECE department in Princeton institute of engineering and technology for women, korremula. As a part of this course, few of our students are interested to do an internship in your organization and in which they will learn roles and responsibilities of the work profile which will be helpful in this stream they are looking forward to have in future. We need your support. So please do the needful.

The interested candidates are listed below in the annexure.

Sl.No.	Name of the student	Hall Ticket No.
1	G.LAXMI PRASANNA	186M1A0420
2	K SAI SRIJA	186M1A0408
3	T AKHILA	186M1A0404
4	K SWATHI	196M5A0423
5	E.DIVYA	186M1A0416
6	M.SHYAMALA	18C21A0408
7	G.SANGEETHA	186M1A0405
8	R.NAGMA	196M5A0408
9	A.SATHYALEKHA	196M5A0425
10	A.SHALINI	186M5A0402
11	L.SREELEKHA	186M1A0405
12	K.BHAVITHA	186M1A0418
13	K.SHILPA	196M5A0414
14	M.ASHWINI	196M5A0411
15	R.BHAVANI	196M5A0409
16	SK.SAFIYA	186M1A0402
17	SK.REZWANA	186M1A0415
18	R.RAMYA	186M1A0411
19	T.SANDHYA RANI	196M5A0415
20	V.PRAGHNA SREE	196M5A0412
21	M.MANASA	196M5A0403

Yours faithfully,

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

HOD



R TECHNO SOLUTIONS

INTERNSHIP APPROVAL LETTER

Date: 04th Feb 2022

To
The
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda [V]
Narapally
Hyderabad.

Sub: Regarding Approval of Internship.

We are pleased to make you an offer for Internship at our **R TECHNO SOLUTIONS**. We will provide you a Participated certificate to which you mentioned in the letter. You will be on probation for a period of **1 month** from the date of joining and this can be extended for a further period at the Company's discretion. During the probationary period your services can be terminated with **One Week's** notice on either side. .

We look forward to you joining our team and hope it is the beginning of a mutually fulfilling association.

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **E.DIVYA** (Reg. no. 186M1A0416) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization **INTERNET OF THINGS**

E.DIVYA has a good moral and character and pleasing personality. I wish her well in her future endeavours.

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **M.SHYAMALA** (Reg. no. 18C21A0408) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

M.SHYAMALA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **G.SANGEETHA** (Reg. no186M1A0405) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

G.SANGEETHA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Rajeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

INTERNSHIP CERTIFICATE

This is to certify that **R.NAGMA** (Reg. no196M5A0408) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

R.NAGMA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **T.AKHILA** (Reg. no186M1A0404) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization **INTERNET OF THINGS**

T.AKHILA has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **E.SHIRISHA** (Reg. no186M1A0413) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

E.SHIRISHA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijee
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **A.SATHYALEKHA** (Reg. no196M5A0425) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

A.SATHYALEKHA has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **A.SHALINI** (Reg. no186M5A0402) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

A.SHALINI has a good moral and character and pleasing personality. I wish her well in her future endeavours

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **L.SREELEKHA** (Reg. no. 186M1A0405) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization **INTERNET OF THINGS**

L.SREELEKHA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **K.BHAVITHA** (Reg. no. 186M1A0418) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

K.BHAVITHA has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **K.SHILPA** (Reg. no196M5A0414) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

K.SHILPA has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **M.ASHWINI** (Reg. no196M5A0411) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

M.ASHWINI has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Rajeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **R.BHAVANI** (Reg. no. 196M5A0409) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization **INTERNET OF THINGS**

R.BHAVANI has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **SK.SAFIYA** (Reg. no. 186M1A0402) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

SK.SAFIYA has a good moral and character and pleasing personality. I wish her well in her future endeavours

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **SK.REZWANA** (Reg. no186M1A0415) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

SK.REZWANA has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,
R TECHNO SOLUTIONS,
HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

INTERNSHIP CERTIFICATE

This is to certify **R.RAMYA** (Reg. no186M1A0411) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

R.RAMYA has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **T.SANDHYA RANI** (Reg. no. 196M5A0415) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization **INTERNET OF THINGS**

T.SANDHYA RANI has a good moral and character and pleasing personality. I wish her well in her future endeavors

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **V.PRAGHNA SREE** (Reg. no. 196M5A0412) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

V.PRAGHNA SREE has a good moral and character and pleasing personality. I wish her well in her future endeavors.

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

INTERNSHIP CERTIFICATE

This is to certify that **M.MANASA** (Reg. no196M5A0403) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

M.MANASA has a good moral and character and pleasing personality. I wish her well in her future endeavours

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500086



R TECHNO SOLUTIONS

INTERNSHIP CERTIFICATE

This is to certify that **K.SWATHI** (Reg. no196M5A0423) pursuing forth year B.Tech in Princeton institute of engineering and technology for women, Hyderabad has undergone worked under my supervision during her internship period of 14-02-2022 to 15-03-2022 in our organization on **INTERNET OF THINGS**

K.SWATHI has a good moral and character and pleasing personality. I wish her well in her future endeavours

Technical Director,

R TECHNO SOLUTIONS,

HYDERABAD



TECHNO SOLUTIONS

Pijee
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)

Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri(D).TS-500088

Phone: 9394544566 / 6305324412

e-mail: princeton.principal2020@gmail.com

JNTUH Code (6M) CIVIL-EEE-ECE-CSE-CSE (AI&ML) -CSE (DS) -CSE (CS) EAMCET Code- PETW

2.3.1 Student centric methods, such as Experimental learning, Participative learning and problem solving methodologies are used for enhancing learning experiences:

a) Experimental learning

- I) Student's Internship**
- II) Mini & Major Projects done by the Students**



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)

Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri(D).TS-500088

Phone: 9394544566 / 6305324412

e-mail: princeton.principal2020@gmail.com

JNTUH Code (6M) CIVIL-EEE-ECE-CSE-CSE (AI&ML) -CSE (DS) -CSE (CS) EAMCET Code- PETW

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

a) Experimental learning

II) Mini & Major Projects done by the Students

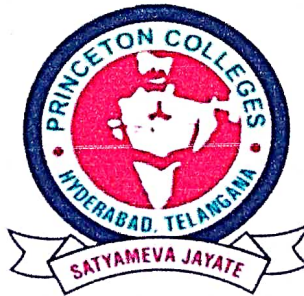
A
PROJECT REPORT
ON
“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK”

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
B.BINDUPRIYA (206M5A0101)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)

(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2020 -2023)

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla (V), Ghatkesar (M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

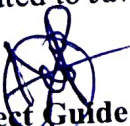
This is to certify that the Mini project entitled

**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK ”**

Carried out by

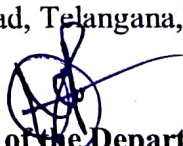
B.BINDUPRIYA (206M5A0101)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.

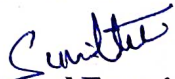

Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Principal
Dr. Rajeev Srivastava M.Tech, Ph.D.
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V)
Ghatkesar (M), Medchal, Dist. T.S-500008


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Project External Examiner

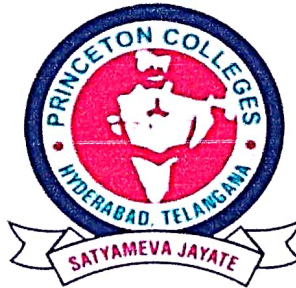
A
PROJECT REPORT
ON
**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK”**

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
G.BINDU (206M5A0123)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)

(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2020 -2023)

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Mini project entitled

**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK ”**

Carried out by

G.BINDU (206M5A0123)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Principal

Dr. Rajeev Srivastava M.Tech, Ph.D.

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V)
Ghatkesar (M), Medchal Dist. T.S-500088


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner



A
PROJECT REPORT
ON
**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK”**

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
B.SONY (206M5A0109)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



Pijeev
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V),
Ghatkesar (M), Medchal Dist, T S-500086

DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2020 -2023)

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Mini project entitled

**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK ”**

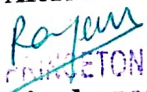
Carried out by

B.SONY (206M5A0109)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Principal
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Dr. Rajeev Srivastava M.Tech, Ph.D.
Ghatkesar (M), Medchal Dist, T.S-500087


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner



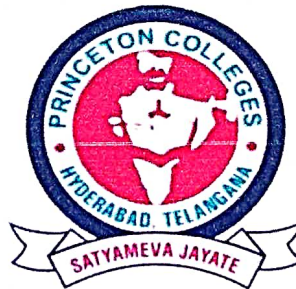
A
PROJECT REPORT
ON
**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK”**

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
O.BHOOMIKA (196M1A0102)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)

(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2019 -2023)

Pijeev
Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Mini project entitled

**“STUDY OF TRAFFIC CONGESTION FOR URBAN
ROAD NETWORK ”**

Carried out by

O.BHOOMIKA (196M1A0102)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Principal


Dr. Rajeev Srivastava M.Tech, Ph.D.

Chowdaryguda, Korremulla (V)
Ghatkesar (M) Medchal Dist. T 5-50000


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner



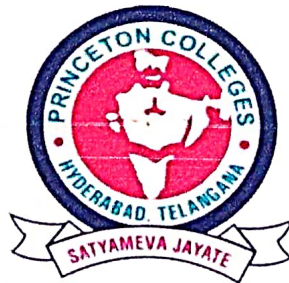
A
PROJECT REPORT
ON
“**SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH**”

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
P.Shruthi (206M5A0106)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)
(2020 -2023)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Mini project entitled

“SELF COMPACTING CONCRETE BY ADDITION OF FLY ASH ”

Carried out by

P. Shruthi (206M5A0106)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.

Project Guide

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Principal

Dr. Rajeev Srivastava M.Tech, Ph.D.
Chowdary guda (V) Medchal Dist. TS-500088

Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner

Shruthi

A
PROJECT REPORT
ON
**“SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH”**

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
G.Rasi (206M5A0116)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2020 -2023)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE


This is to certify that the Mini project entitled

“SELF COMPACTING CONCRETE BY ADDITION OF FLY ASH ”

Carried out by

G.Rasi (206M5A0116)


have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE



Principal
Dr. Rajeev Srivastava M.Tech, Ph.D.

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdary guda, Korremulla (V),
Ghatkesar (M), Medchal-500 088


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner



A
PROJECT REPORT
ON

**“SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH”**

SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted By

P.Akhila (206M5A0128)

Under the Esteemed Guidance of

Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)

(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)

(2020 -2023)

P. Jeeva
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE


This is to certify that the Mini project entitled

**“SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH ”**


Carried out by

P.Akhila (206M5A0128)


have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE


Principal
Dr. Rajeev Srivastava M.Tech, Ph.D.
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V),
Ghatkesar (M) Medchal Dist.

Project External Examiner



A
PROJECT REPORT
ON
**“SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH”**

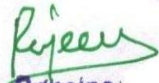
SUBMITTED TO
JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD
IN PARTIAL FULLFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE
BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

Submitted By
R.Sandhya (196M1A0110)

Under the Esteemed Guidance of
Mrs. N. PAVANI M.Tech (Asst. Professor)



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M), Medchal Dist-500 088.)
(2019 -2023)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdary guda, Korremulla(V), Ghatkesar(M),
Medchal-500 088)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Mini project entitled

**“SELF COMPACTING CONCRETE BY ADDITION OF
FLY ASH ”**

Carried out by

R.Sandhya (196M1A0110)

have submitted the Mini Project Report and approved as per requirements and regulations of governing body for the award of the degree of Bachelor of Technology (Civil Engineering) affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.


Project Guide

N.PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Ryans Principal
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdary Guda, Korremulla (V),
Ghatkesar (M) Medchal-500 088


Head of the Department

N. PAVANI M.Tech
Asst. Professor & HOD,
DEPARTMENT OF CE

Project External Examiner

Sunitha

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“SOIL EROSION CONTROL BY USING DIFFERENT ADDITIVE MATERIALS”** is being submitted by G.NUTHANA (196M5A0134), M.KRISHNA VENI (186M1A0115), G.NIHARIKA (186M1A0103), A.ASHWINI (196M5A0132) in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

PROJECT GUIDE

Mrs.N.Pavani M.Tech
Assistant Professor

HEAD OF THE DEPARTMENT

Mrs.N.Pavani **HOD**

Assistant Professor
Civil Engineering
Princeton Institute of Engg & Tech for Women
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

Viva Voce held on: 07-07-2022

EXTERNAL EXAMINER

PRINCIPAL

Dr. V. S. GIRIDHAR AKULA

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

Principa
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

A
MAJOR PROJECT REPORT
ON
“SOIL EROSION CONTROL BY USING DIFFERENT
ADDITIVE MATERIALS”

Submitted in partial fulfillment of the Requirements

For the award of a degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

G.NUTHANA (196M5A0134)

M.KRISHNA VENI (186M1A0115)

G.NIHARIKA (186M1A0103)

A.ASHWINI (196M5A0132)

Under the guidance of

Mrs.N.Pavani M.Tech.

Assistant professor



DEPARTMENT OF CIVIL ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021 - 2022


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A

**MAJOR PROJECT REPORT
ON
RETROFITTING BY USING FRP LAMINATES**

Submitted in partial fulfillment of the Requirements

For the award of degree of

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

BY

G.RENUKA	196M5A0140
B.MOUNIKA	186M5A0116
CH.DURGA BHAVANI	196M5A0116
N.RAJESHWARI	196M5A0122
G.RITHIKA	196M5A0114

Under the guidance of

Ms.K.SHOBHA M.tech

Assistant professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR
WOMEN**


Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi Chowdaryguda(V),
Ghatkesar(M), Medchal Dist-Hyderabad – 500 088


DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE


This is to certify that the project report work titled “ **RETROFITTING BY USING FRP LAMINATES** ” That is being submitted by G.RENUKA (196M5A0140), B.MOUNIKA (186M1A0116), CH.DURGA BHAVANI (196M5A0116), N.RAJESWARI (196M5A0122), AND G.RITHIKA (196M5A0114), in partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.



PROJECT GUIDE
Ms. K.SHOBHA M.Tech
Assistant professor


HEAD OF DEPARTMENT
Mrs. N.PAVANI M.Tech
HOD
Civil Engineering
Assistant professor of Engg & Tech for Women
Princeton Institute of Engineering
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

Viva Voice held on: 07/07/2022


EXTERNAL EXAMINER


Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088


PRINCIPAL
Dr. V. S. GIRIDHAR AKULA
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

A
MAJOR PROJECT REPORT
ON
**“ANALYSIS ON RECLAIMED ASPHALT PAVEMENT
MATERIAL AND BAGASSE ASH IN BITUMIOUS
FLEXIBLE PAVEMENT”**

Submitted in partial fulfillment of the Requirements

For the award of a degree of

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

BY

V.MOUNIKA	(196M5A0126)
K.LAKSHMI	(186M1A0104)
T.NIKHITHA	(196M5A0137)
P.SWATHI	(196M5A0113)

Under the guidance of

Mr.B. Nithish Ikshwaak M.Tech.

Assistant professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report work titled “ANALYSIS ON RECLAIMED ASPHALT PAVEMENT MATERIAL AND BAGASSE ASH IN BITUMIOUS FLEXIBLE PAVEMENT” is being submitted by V.MOUNIKA (196M5A0126), K.LAKSHMI (186M1A0104), T.NIKHITHA (196M5A0137), P.SWATHI (196M5A0113) in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

B. Nithish Ikshwaak

PROJECT GUIDE

Mr. B. Nithish Ikshwaak M.Tech
Assistant Professor

HEAD OF THE DEPARTMENT

Mrs.N.Pavani
Professor

Viva Voce held on: _____

07/07/22

B. Nithish Ikshwaak
EXTERNAL EXAMINER

PRINCIPAL

Dr. V. S. GIRIDHAR AKULA

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Pijeev
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A

MAJOR PROJECT REPORT

ON

ALKALI ACTIVATED CONCRETE

Submitted in partial fulfillment of the
Requirements For the award of degree of
BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

BY

B.SUMANJALI	(186M1A0107)
A.SHRUTHI	(196M5A0136)
N.DIVYA	(196M5A0147)
T.HARIKA	(196M5A0108)
P.PRASHANTHI	(196M5A0138)

Under the Guidance of

Mrs.K.GEETHA. M.Tech.
Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
STUDY OF SURFACE WATER AND GROUND
WATER TREATMENT BY USING BIO COAGULANTS

Submitted in partial fulfillment of the Requirements

For the award of degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

M.AKANSHA	(196M5A0143)
V.SWATHI	(196M5A0105)
A.SAISANTHOSHI	(196M5A0101)
G.SIRISHA	(196M5A0109)
B.MANASA	(186M1A0109)

Under the guidance of

Mr.B.NITHESH IKSWAAK M.Tech.

Assistance professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“STUDY OF SURFACE WATER AND GROUND WATER TREATMENT BY USING BIO COAGULANTS”** That is being submitted by M.AKANSHA (196M5A0143), V.SWATHI (196M5A0105), A.SAISANTHOSHI (196M5A0101), G.SIRISHA (196M5A0109), B.MANASA (186M1A0109), in partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

B. Nithesh IkshwaaK
PROJECT GUIDE
Mr. NITHESH IKSHWAAK M.Tech
Assistant professor

N. Pavani
HEAD OF DEPARTMENT
Mrs. N. PAVANI M.Tech
Assistant Professor

Viva Voce held on: 07/07/22

P. Jyoti
Principal
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

B. Nithesh
EXTERNAL EXAMINER

V. S. Giridhar Akula
PRINCIPAL

Dr. V. S. GIRIDHAR AKULA
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist. T S-500088

A
MAJOR PROJECT REPORT
ON
STUDY OF SURFACE WATER AND GROUND
WATER TREATMENT BY USING BIO COAGULANTS

Submitted in partial fulfillment of the Requirements

For the award of degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

BY

B.MANASA (186M1A0109)

Under the guidance of

Mr.B.NITHESH IKSWAAK M.Tech.

Assistance professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“STUDY OF SURFACE WATER AND GROUND WATER TREATMENT BY USING BIO COAGULANTS”** That is being submitted by B.MANASA (186M1A0109) in partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

*B. Nithesh
Ikshwaa*

PROJECT GUIDE

Mr. NITHESH IKSHWAAK M.Tech

Assistant professor

HEAD OF DEPARTMENT

Mrs. N. PAVANI M.Tech

Assistant Professor

Viva Voce held on: _____

07/07/2022

18/7/22
EXTERNAL EXAMINER

[Signature]
PRINCIPAL

[Signature]
PRINCIPAL
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Dr. V. S. GIRIDHAR AKULA
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist, T S-500088

A

**MAJOR PROJECT REPORT
ON
RETROFITTING BY USING FRP LAMINATES**

Submitted in partial fulfillment of the Requirements

For the award of degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

G.RENUKA	196M5A0140
B.MOUNIKA	186M5A0116
CH.DURGA BHAVANI	196M5A0116
N.RAJESHWARI	196M5A0122
G.RITHIKA	196M5A0114

Under the guidance of

Ms.K.SHOBHA M.tech

Assistant professor



DEPARTMENT OF CIVIL ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR
WOMEN**


Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi Chowdaryguda(V),
Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report work titled “ **RETROFITTING BY USING FRP LAMINATES** ” That is being submitted by G.RENUKA (196M5A0140), B.MOUNIKA (186M1A0116), CH.DURGA BHAVANI (196M5A0116), N.RAJESWARI (196M5A0122), AND G.RITHIKA (196M5A0114), in partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.


PROJECT GUIDE
Ms. K.SHOBHA M.Tech
Assistant professor


HEAD OF DEPARTMENT
Mrs. N.PAVANI M.Tech
Assistant professor
HOD
Civil Engineering
Princeton Institute of Engg & Tech for Women
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

Viva Voice held on: 07/07/2022


EXTERNAL EXAMINER


PRINCIPAL

Dr. V. S. GIRIDHAR AKULA

FOR PROJECT ON
**FIRE & GAS DETECTION ROBOT FOR ATOMIC
POWER STATION**



A
PROJECT REPORT
Submitted to
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)**
In partial fulfilment of the requirements
For the award of the degree of
BACHELOR OF TECHNOLOGY

IN
ELECTRICAL AND ELECTRONICS ENGINEERING
BY

Y. YAMINI	(186M5A0207)
G. ANUSHA	(186M1A0207)
G. PRAVALIKA	(186M1A0210)

Under the Esteemed Guidance of

Mrs. G. SANDYA RANI
HOD of EEE Dept M.Tech

Department of Electrical and Electronics Engineering
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMENS
(Approved by AICTE New-Delhi, Affiliated to JNTU, Hyderabad)
Korremula (V), Ghatkesar (M), Medchal District-501301


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S)

Korremula (V), Ghatkesar (M), Medchal District-501301



CERTIFICATE

This is to certify that the project report entitled "**FIRE & GAS DETECTION ROBOT FOR ATOMIC POWER STATION**" being submitted by Y.YAMINI (186M5A0207),G.ANUSHA(186M1A0207),G.PRAVALIKA(186M1A0210) in partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University**, under my guidance and supervision during academic year 2021-22.

The result embodied in this report has not been submitted to any other University or Institution for the award of any degree or diploma.

Under the supervision and guidance of

Dr. Giridhar. Akula
Principal, M.Tech, Ph.d.

Mrs. G. Sandya Rani
Asst. Professor, M.Tech
Head of the Department

Mrs. G. Sandya Rani
Asst. Professor, M.Tech
Internal Guide

(INTERNAL EXAMINER)

(EXTERNAL EXAMINER)

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

A MAJOR PROJECT ON
OFF-BOARD ELECTRIC VEHICLE BATTERY
CHARGER USING PV ARRAY



A

PROJECT REPORT
Submitted to
JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY
HYDERABAD (T.S)

In partial fulfilment of the requirements
For the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

G. BHAVANI	(186M5A0216)
L. MANISHA	(186M1A0222)
B. MOUNIKA	(186M1A0213)
B. SWAPNA	(196M5A0215)

Under the Esteemed Guidance of

Mr. J. Narender

Asst Prof. M.Tech

Department of Electrical and Electronics Engineering

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMENS

(Approved by AICTE New-Delhi, Affiliated to JNTU, Hyderabad)

Korremula (V), Ghatkesar (M), Medchal District-501301


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S)

Korremula (V), Ghatkesar (M), Medchal District-501301

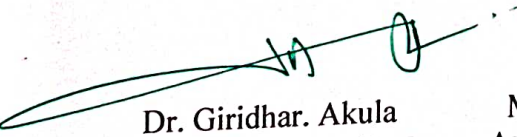



CERTIFICATE


This is to certify that the project report entitled **“OFF-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY”** being submitted by **G.BHAVANI(186M5A0216),L.MANISHA(186M1A0222),B.MOUNIKA(186M1A0213),B.SWAPNA(196M5A0215)** in partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University**, under my guidance and supervision during academic year 2021-22.

The result embodied in this report has not been submitted to any other University or Institution for the award of any degree or diploma.

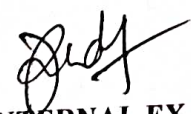
Under the supervision and guidance of


Dr. Giridhar. Akula
Principal, M.Tech, Ph.d.
Principal


Mrs. G. Sandya Rani
Asst. Professor, M.Tech.
Head of the Department


Mr. J. Narendar
Asst. Professor, M.Tech.
Internal Guide

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500084


(INTERNAL EXAMINER)


(EXTERNAL EXAMINER)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500084

A MAJOR PROJECT ON
POWER QUALITY IMPROVEMENT BASED ON ARTIFICIAL
NEUTRAL NETWORK CONTROLLER AND DYNAMIC
VOLTAGE RESTORER



A

PROJECT REPORT

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)

In partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

G. RAJITHA	(186M1A0220)
K. RUPA	(186M1A0218)
S. HARITHA	(186M1A0206)
G. NIRMALA	(186M1A0212)

Under the Esteemed guidance of

Mr J. NARENDER

Assistant Professor M. Tech


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Department Of Electrical and Electronics Engineering
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Approved by AICTE New Delhi Affiliated to JNTUH, Hyderabad),

korremula (V), Ghatkesar (M), Medchal District- 500088

PRINCETON INSTITUTE OF ENGINEERING AND
TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S.)

Korremulla (V), Ghatkesar (M), Medchal District-501301



CERTIFICATE

This is to certify that the project report entitled "**POWER QUALITY IMPROMENT
BASED ON ARTIFICIAL NEURAL NETWORK CONTROLLER AND DYNAMIC
VOLTAGE RESTORER**" being submitted by G.RAJITHA(186M1A0220),
K.RUPA(186M1A0218) ,S.HARITHA(186M1A0206), G.NIRMALA(186M1A0212),in
partial fulfillment of the requirements for the award of the Degree of **BACHELOR
OF TECNOLOGY in Electrical and Electronics Engineering** from
Jawaharlal Nehru Technological University, Under my guidance and supervision
during academic year 2021-2022.

The result embodied in this report has not been submitted to any other
University or Institution for the award of any degree or diploma

Under the supervision and guidance

Dr. V.S. Giridhar Akula

Principal, M. Tech, Ph. d

Principal

PRINCETON INSTITUTE OF ENGINEERING

& TECHNOLOGY FOR WOMEN

Chowdaryguda, Korremulla (V),
Ghatkesar (M), Medchal Dist, T S-500086

(INTERNAL EXAMINER)

Mrs. G. Sandhya rani

Ass. Professor, M. Tech

Head Of the Department

Mr. J. Narender

Asst. Professor, M.Tech

Internal guide

(EXTERNAL EXAMINER)

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V),
Ghatkesar (M), Medchal Dist, T S-500086

A MAJOR PROJECT ON
SMART ASSISTIVE DEVICE FOR BLIND PEOPLE



A

PROJECT REPORT

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)

In partial fulfillment of the requirements
For the award of the degree of

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

BY

P.HEMALATHA	(196M5A0203)
M.NIVEDITHA	(186M1A0209)
O.BHARGAVI	(196M5A0207)
G. MAMATHA	(196M5A0212)

Under the Estimated Guidance of

Mrs. PRAMADA KUMARI
Assistant Professor M. Tech

Department Of Electrical and Electronics Engineering

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE New-Delhi, Affiliated to JNTU, Hyderabad)
Korremula (V), Ghatkesar(M), Medchal Malkajgiri,T.S-500088


Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S.)

Korremula (v), Ghatkesar (M), Medchal Malkazgi, T.S-500088.



CERTIFICATE

This is to certify the project report entitle **"SMART ASSISTIVE DEVICE FOR BLIND PEOPLE"** being submitted by P.HEMALATHA (196M5A0203), M.NIVEDITHA (186M1A0209), O.BHARGAVI (196M5A0207), G.MAMATHA(196M5A0212),

In partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY** In **Electrical and Electronics Engineering** from **Jawaharlal Nehru Technological University**, under my guidance and supervision during academic year 2021-2022.

The result embodied in this report has not been submitted to any other University or Institution for the award of degree or diploma.

Under the supervision and guidance of


Dr.V.S.Giridhar Akula

Principal, M. Tech, Ph.d


Mrs.G.Sandhya Rani

Asst.Professor,M.Tech

Head Of the Department

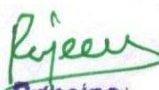

Mrs.Pramada Kumari

Asst.Professor

Internal Guide

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088


(INTERNAL EXAMINER)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088


(EXTERNAL EXAMINER)

A MAJOR PROJECT ON
**REALTIME WIRELESS EMBEDDED ELECTRONICS
FOR SOLDIER SECURITY**



A

PROJECT REPORT

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)**

In partial fulfillment of the requirements

For the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

G. SNEHALATHA (186M1A0202)

D. SHASHIKALA (18C21A0202)

M. AKHILA (186M1A0208)

J. RAJITHA (166M5A0205)

Under the guidance of

Mrs. P.PRAMADA KUMARI

Assistant Professor M. Tech

Department Of Electrical and Electronics Engineering

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved AICTE New Delhi Affiliated to JNTU, Hyderabad),

korremula (V), Ghatkesar (M), Medchal District-501301

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S.)

Korremulla (V), Ghatkesar (M), Medchal District-501301




CERTIFICATE

This is to certify that the project report entitled **“REALTIME WIRELESS EMBEDDED ELECTRONICS FOR SOLDIER SECURITY”** being submitted by **G.SNEHALATHA (186M1A0202), D.SHASHIKALA (18C21A0202), M.AKHILA (186M1A0208), and J. RAJITHA (166M5A0205)**, in partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY in Electrical and Electronics Engineering** from **Jawaharlal Nehru Technological University**, Under my guidance and supervision during academic year 2021-2022.

The result embodied in this report has not been submitted to any other University or Institution for the award of any degree or diploma


Under the supervision and guidance


Dr. V.S. Giridhar Akula

Principal, M. Tech, Ph. d
Principal


PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V),
Ghatkesar (M) Medchal Dist. T S-500084


(INTERNAL EXAMINER)


Mrs. G. Sandhya rani

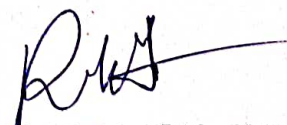
Ass. Professor, M. Tech

Head Of the Department


Mrs. P. Pramada kumari

Asst. Professor, M.Tech

Internal guide


(EXTERNAL EXAMINER)


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremulla (V),
Ghatkesar (M), Medchal Dist. T S-500084

A MAJOR PROJECT ON
**A POWER QUALITY IMPROVE EV CHARGER WITH
BRIDGELESS CUK CONVERTER**



A

PROJECT REPORT

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)**

In partial fulfillment of the requirements

For the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

T. KASTHURI	(186M1A0204)
B. RAJESHWARI	(196M5A0208)
V. SHIREESHA	(186M1A0205)
B. DIVYA SREE	(186M1A0221)

Under the Esteemed Guidance of

Mrs. J. NARENDER

Assistant Professor M.Tech

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

**Department Of Electrical and Electronics Engineering
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR
WOMENS**

(Approved by AICTE New-Delhi, Affiliated to JNTU, Hyderabad)

Korremula (V), Ghatkesar (M), Medchal District 501301.

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTU University, Hyderabad, T.S.)

Korremula (V), Ghatkesar (M), Medchal District-501301



CERTIFICATE

This is to certify that the project report entitled **“A POWER QUALITY IMPROVE EV CHARGER WITH BRIDGELESS CUK CONVERTER”** being submitted by **T. KASTHURI (186M1A0204), B. RAJESHWARI (196M5A0208), V. SHIREESHA (186M1A0205), B. DIVYA SREE (186M1A0221)**, in partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological university**, under my guidance and supervision during academic year 2021-2022.

The result embodied in the report has not been submitted to any other University or institute for the award of any degree or diploma.

Under the supervision and guidance of


Dr. V.S. GIRIDHAR AKULA

Principal, MTech, Ph.d

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500084


(INTERNAL EXAMINER)


Mrs. G. Sindhya Rani

Asst. Professor, MTech

Head Of the Department


Mrs. J. Narender

Asst. Professor, MTech

Internal Guide


(EXTERNAL EXAMINER)

A MAJOR PROJECT ON
**EFFECTIVE GRID CONNECTED POWER INJECTION
SCHEME USING MULTILEVEL INVERTER BASED
HYBRID WIND SOLAR ENERGY CONVERSION
SYSTEM**



A

PROJECT REPORT

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD (T.S)**

In partial fulfillment of the requirements
For the award of the degree of

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

BY

S. SINDHUJA	(196M5A0205)
M. AKHILA	(196M5A0201)
G. VAISHNAVI	(196M5A0204)
S. SHRAVANI	(186M1A0214)

Under the Estimated Guidance of

Mrs. G.SANDYA RANI
Assistant Professor M. Tech

Department Of Electrical and Electronics Engineering

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE New-Delhi, Affiliated to JNTU, Hyderabad)
Korremula (V), Ghatkesar(M), Medchal Malkajgiri,T.S-500088


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING &
TECHNOLOGY FOR**

WOMEN

(Affiliated to JNTU University, Hyderabad, T.S.)

Korremula (v), Ghatkesar (M), Medchal Malkazgiri, T.S-500088.



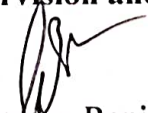
CERTIFICATE

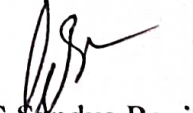
This is to certify the project report entitle **“EFFECTIVE GRID CONNECTED POWER INJECTION SCHEME USING MULTILEVEL INVERTER BASED HYBRID WIND SOLAR ENERGY CONVERSION SYSTEM”** being submitted by **S.SINDHUJA (196M5A0205), M.AKHILA (196M5A0201) , G. VAISHNAVI (196M5A0204), S.SHRAVANI (186M1A0214)** In partial fulfillment of the requirements for the award of the Degree of **BACHELOR OF TECHNOLOGY** In **Electrical and Electronics Engineering** from **Jawaharlal Nehru Technological University**, under my guidance and supervision during academic year 2021-2022.

The result embodied in this report has not been submitted to any other University or Institution for the award of degree or diploma.

Under the supervision and guidance of


Dr. V.S. Giridhar Akula


Mrs. G. Sandya Rani

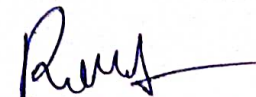

Mrs. G. Sandya Rani

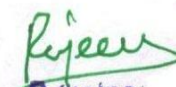
Principal, M.Tech, Ph.d
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V)
Ghatkesar (M), Medchal Dist, T.S-500088

(INTERNAL EXAMINER)

Asst. Professor, M.Tech
Head Of the Department

Asst. Professor, M.Tech
Internal Guide


(EXTERNAL EXAMINER)


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), R.R Dist-501 301.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled "**DESIGN AND DEVELOPMENT OF PRECISION AGRICULTURE SYSTEM USING WIRELESS SENSOR NETWORK**" being submitted by the following student's fulfillment of the requirement of the award of the for Degree of **BACHELOR OF TECHNOLOGY** in **Electronics and Communication Engineering** from **Jawaharlal Technological University, Hyderabad (TS)** under my guidance and supervision during academic year 2021-2022.



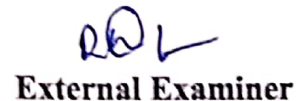
Mrs. N. VIDYA M.Tech
Assistant professor



Internal guide
Dr. RAJEEV SHRIVASTAVA



Principal
Dr. V S GIRIDHAR AKULA, Ph.D.



External Examiner

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500086



Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500086

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v),Ghatkesar(m),medchal Dist-500 088)


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled **GARBAGE MONITORING SYSTEM USING IOT** being submitted by following students for the award of the degree of Master of Technology is a record of bonafied research work carried out by her under my supervision and guidance at the Department of **ELECTRONICS AND COMMUNICATION ENGINEERING**, Princeton Institute of Engineering and Technology for Women, Hyderabad.

The contents of this Project, in full or part, have not been submitted to any other university or institution for the award of any degree or diploma.


Internal guide

Mrs. D. ANURADHA M tech

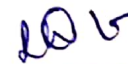
Asst professor



HOD

Mrs. N. VIDYA M tech

Asst professor

Principal


External professor


Dr. V S Akula. Giridhar

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500081


Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500081

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), R.R Dist-501 301.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled **AGRI ROBOT FOR MULTIPURPOSE APPLICATIONS** being submitted by Following students for the award of the degree of Bachelor of Technology is a record of bonafide research work carried out by under my supervision and guidance at the Department of **ELECTRONICS AND COMMUNICATION ENGINEERING**, Princeton Institute of Engineering and Technology for Women, Hyderabad.

G. LAXMI PRASANNA	186M1A0420
T. SUSHMITHA	196M5A0401
R. AMULYA	186M1A0417
Y. MEENA	196M5A0421

Under the guidance and supervision during the academic year 2021-2022

Internal guide
Mrs. N. VIDYA M. tech
Asst Professor

HOD
Mrs. N. VIDYA M. tech
Asst Professor

Principal
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

External Examiner

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FOR WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), R.R Dist-501 301.)

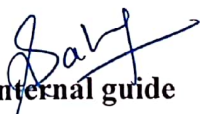
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**




CERTIFICATE

This is to certify that the Project entitled **INNOVATIVE PRODUCTION OF TREES IN NURSERY FROM THEFTS USING RFID AND SENSORS** being submitted by Following students for the award of the degree of Bachelor of Technology is a record of bonafide research work carried out by under my supervision and guidance at the Department of **ELECTRONICS AND COMMUNICATION ENGINEERING**, Princeton Institute of Engineering and Technology for Women, Hyderabad.

L.SREELEKHA	186M1A0406
K.BHAVITHA	186M1A0418
G.ANUGNA	186M1A0410
S.SRIVANI	18L75A0406


Internal guide

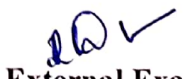
Mrs. N. SALMA SULTHANA M. tech
Asst Professor


HOD

Mrs. N. VIDYA M. tech
Asst Professor


Principal

Dr. V S Giridhar Akula Ph.D,
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500084


External Examiner


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m) Medchal Dist-500 088.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled SMART VEHICLE TRACKING AND ACCIDENT AVOIDING SYSTEM BY USING GSM&GPS MODULE being submitted by following students for the award of the degree of Master of Technology is a record of bonafied research work carried out by her under my supervision and guidance at the Department of ELECTRONICS AND COMMUNICATION ENGINEERING, Princeton Institute of Engineering and Technology for Women, Hyderabad.

The contents of this Project, in full or part, have not been submitted to any other university or institution for the award of any degree or diploma.

Mrs. N. VIDYA_{Mtech}
Asst professor

Mr. S. CHANDRA BHANU_{Mtech}
Asst professor

Principal
Dr. V S Akula Giridhar
Principal
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

External
Principal
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v),Ghatkesar(m),R.R Dist-501 301.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING




CERTIFICATE

This is to certify that the Project entitled “ AIR QUALITY MONITORING SYSTEM BY USING IOT ” being submitted by R.BHAVANI (196M5A0409), SK.SAFIYA(186M1A0402), CH.NARMADHA(186M5A0410) for the award of the degree of Bachelor of Technology is a record of bonafide research work carried out by her under my supervision and guidance at the Department of Electronic and Communication Engineering, Princeton Institute of Engineering and Technology for Women, Hyderabad. The contents of this Project, in full or part, have not been submitted to any other university or institution for the award of any degree or diploma.



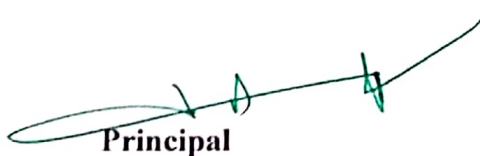
HOD

Mrs. N. VIDYA M. Tech
Assistant Professor



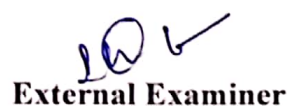
Internal guide

Mr. SRIKANTH VEESAM M.Tech
Assistant professor

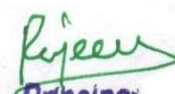


Principal

Dr. V S Giridhar Akula Ph.D.
Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist, T S-500084



External Examiner



Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY

FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), Medchal Malkajiri Dist 500088.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



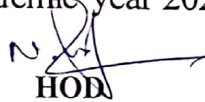
CERTIFICATE

This is to certify that the Project entitled **“AN ADVANCED EMBEDDED SYSTEM WOMEN SAFETY BY USING GPS”** being submitted by the following students in partial fulfillment of requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in Electronics and Communication Engineering** from **Jawaharlal Nehru Technological University, Hyderabad (TS)** Shaik.Rezwana, Madhavi kumara sharma ,R.Ramya ,P.Ravali under my guidance and supervision during academic year 2021-2022.


Internal guide

Mr.P.SWAMY M.Tech

Assistant professor


HOD

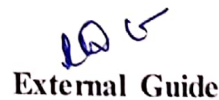
Mrs.N.VIDYA M.Tech

Assistant professor




Principal

Dr. Akula Girdhar Ph.D


External Guide

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500088


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR
WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(V)Ghatkesar(M),Medchal Dist-500 088.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled " IOT BASED ON SECURITY SYSTEM" being submitted by the following student's fulfillment of the requirement of the award of the for Degree of **BACHELOR OF TECHNOLOGY** in **Electronics and Communication Engineering** from **Jawaharlal Technological University, Hyderabad (TS)** under my guidance and supervision during academic year 2021-2022.

T.SANDHYA RANI	196M5A0415
V.PRAGHNA SREE	196M5A0412
M.SUPRIYA	196M5A0406
M.MEGHANA	186M1A0407

Mrs.N.VIDYA M.Tech
Asst.Professor

Internal guide
Mrs.M.ALEKHYA M.Tech
Asst.Professor

Principal
Dr. V S GIRIDHAR AKULA, Ph.D.

External Examiner

Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088

Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR
WOMEN**

(Affiliated to JNTUH & Approved by AICTE)

(Chowdaryguda(V),Ghatkesar(M),Medchal Dist ,Hyderabad , Telangana -500 088.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project entitled “ **SAFETY AND SMART HELMET SYSTEM FOR BIKE RIDERS** ” being submitted by M.MANASA (196M5A0403),K.SAI SRIJA(186M1A0408), P. RAJESHWARI (196M5A0418), K. SUSHMITHA (196M5A0413), J. RUCHITHA (186M1A0409) for the award of the degree of Bachelor of Technology is a record of bonafide research work carried out by her under my supervision and guidance at the Department of Electronic and Communication Engineering, Princeton Institute of Engineering and Technology for Women, Hyderabad.

The contents of this Project, in full or part, have not been submitted to any other university or institution for the award of any degree or diploma.

HOD

Mrs .N.VIDYA, M.Tech

Assistant Professor

Internal guide

Dr. A. KRISHNAMURTHY, M.Tech , Ph.D

Associate Professor

Principal

Dr.V S.GIRIDHAR AKULA, Ph.D.

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088

External Examiner

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist. T S-500088

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY
FORWOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda (v), Ghatkesar(m), R.R Dist-501301.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



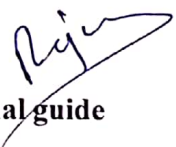
CERTIFICATE

This is to certify that the Project entitled RFID AND IOT FOR ATTENDANCE MONITORING SYSTEM being submitted by following students the award of the degree of Bachelor of Technology is a record of bonafide research work carried out by her under my supervision and guidance at the Department of ELECTRONICS AND COMMUNICATION ENGINEERING, Princeton Institute of Engineering and Technology for Women, Hyderabad.

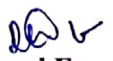
K.SWATHI (196M5A0423)
N.ANUSHA (196M5A0419)
R.NAGMA(196M5A0408)
MUBENNA (196M5A0417)


HOD

Mrs. N.VIDYA. M.Tech
Asst.Professor


Internal guide

Dr. RAJEEV SHRIVASTAVA.
Professor. Ph.D


External Examiner


Principal

Dr. V S Giridhar Akula. Ph.D


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist, T S-500084

A
MAJOR PROJECT REPORT
ON
"BLOCKCHAIN BASED CERTIFICATE VALIDATION"
SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

SUBMITTED BY

V.AKHILA	(186M1A0573)
P.PAVANI	(186M1A0561)
D.YAMINI	(186M1A0565)
D.SUPRIYA	(196M5A0504)
B.DIVYASRI	(176M1A0513)

Under the guidance of

Mrs. M.LALITHA, M.Tech
Assistant Professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)

Chowdaryguda(V), Ghatkesar(M), Medchal Malkajgiri Dist TS-500088

2021-2022

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)

(Chowdaryguda(v),Ghatkesar(m),Medchal Malkajgiri Dist 500088)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to Certify **V.AKHILA (186M1A0573), P.PAVANI(186M1A0561), D.YAMINI (186M5A0565), D.SUPRIYA (196M5A0504), B.DIVYASRI(176M1A0513)** have been completed the Project work entitled "**BLOCKCHAIN BASED CERTIFICATE VALIDATION**" in partial fulfillment of the requirement for the award of the **Bachelor of Technology in Computer Science and Engineering** to the **Jawaharlal Nehru Technological University, Hyderabad** for the academic year 2018-2022.

INTERNAL GUIDE

Mrs. M. LALITHA M.Tech

Assistant professor

HEAD OF THE DEPARTMENT

Dr.G.ARUL DALTON

Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

Viva voice held on

7/07/22

EXTERNAL EXAMINER

PRINCIPAL

Dr.V.S.GIRIDHAR AKULA

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
**“CURRENCY RECOGNITION SYSTEM USING IMAGE
PROCESSING”**

Submitted in partial fulfillment of the Requirements

For the award of degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

SUBMITTED BY

K.AKHILA (186M1A0568)
V.JYOTHI (176M1A0519)
J.AKHILA (186M1A0577)
J.MOUNIKA (18C21A0515)
GANGA SAGARI (18C21A0518)

Under the guidance of

Mrs.G.VENKATA RAMANA,M.Tech

Assistance professor



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 – 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project report work titled **“CURRENCY RECONGITION SYSTEM USING IMAGE PROCESSING”** That is being submitted by K.AKHILA (186M1A0568),V.JYOTHI(176M1A0519),J.AKHILA(186M1A0577),J.MOUNIKA(18C21A0515),GANGA SAGARI(18C21A0518),partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** by JNTUH during the Academic Year 2021 – 2022.


PROJECT GUIDE

Mrs.G.VENKATA RAMANA, M.Tech,
Assistant Professor


HEAD OF THE DEPARTMENT

Dr. G. ARUL DALTON
Professor

Viva Voce held on: 07-07-2022


EXTERNAL EXAMINER

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088


PRINCIPAL

Dr. V. S. GIRIDHAR AKULA


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
**“CRIME DATA ANALYSIS AND PREDICTION USING
DECISION TREE”**

Submitted in partial fulfillment of the Requirements

For the award of a degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

BY

K.RUSHMITHA (186M1A0562)

CH.HARIKA (186M1A0569)

SANA SAMREEN (18L71A0505)

T.SUPRIYA (196M5A0501)

A.PAVITRA (196M5A0512)

E.SOWJANYA (18C21A0509)

Under the guidance of

Ms.S.VASAVI, M.Tech

Assistant Professor



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN**

**Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088**

2021-2022

Pijee
Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088**

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

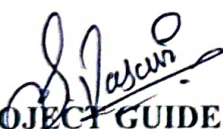
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

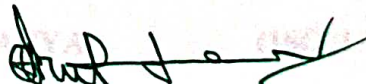
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project report work titled **“CRIME DATA ANALYSIS AND PREDICTION USING DECISION TREE”** that is being submitted by K.RUSHMITHA(186M1A0562), CH.HARIKA(186M1A0569), SANASAMREEN(18L71A0505),T.SUPRIYA(196M5A0501),A.PAVITRA(19M5A0512), E.SOWJANYA(18C21A0509) in partial fulfilment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H during the Academic Year 2021-2022.


PROJECT GUIDE
MS.S.VASAVI, M.Tech
Assistant Professor


HEAD OF THE DEPARTMENT
Dr.G.ARUL DALTON, B.E, M.E, Ph.D
Professor

Viva Voce held on: 07-07-2022
Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088


EXTERNAL EXAMINER


PRINCIPAL


**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Dr.V.S.GIRIDHAR AKULA, Ph.D
Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
A MACHINE LEARNING FRAMEWORK FOR BIOMETRIC
AUTHENTICATION SYSTEM USING ELECTROCARDIOGRAM
SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF TECHNOLOGY
IN
(Computer Science and Engineering)

SUBMITTED

BY

K VAISHNAVI REDDY	(186M1A0511)
D SWAPNA	(186M1A0558)
S SRILEKHA	(186M1A0555)
K MADHAVI	(186MA10543)
S KEERTHI	(186M1A0559)

Under the guidance of
Mrs.K MANJULA, M.Tech
Assistant Professor



Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), Medchal Dist-500 088.)

2021-2022

**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR
WOMEN**

(Affiliated to JNTUH & Approved by AICTE)
(Chowdaryguda(v), Ghatkesar(m), Medchal Dist-500 088.)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report titled **“A MACHINE LEARNING FRAMEWORK FOR BIOMETRIC AUTHENTICATION SYSTEM USING ELECTROCARDIOGRAM”** is being submitted by K VAISHNAVI REDDY(186M1A0511), D SWAPNA(186M1A0558), S SRILEKHA(186M1A0555), K MADHAVI(186M1A0543), S KEERTHI(186M1A0559) in Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University, Hyderabad for the academic year 2018-2022 which is record bonafide work carried out by them. The results embodied in this have not been submitted to any other university for the award of any degree.

Manjula
06/07/2022

INTERNAL GUIDE

Mrs. K MANJULA , M.Tech
Assistant Professor

Viva voce held on 06-07-2022

G. Anil
EXTERNAL EXAMINER

Rajeev
Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Dr. Arul Dalton

HEAD OF DEPARTMENT

Dr. ARUL DALTON, Ph.D

Professor
Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

Dr. V.S. Giridhar Akula
PRINCIPAL

Dr. V.S. GIRIDHAR AKULA, Ph.D

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
“FARMING MADE EASY USING MACHINE LEARNING”

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
(COMPUTER SCIENCE AND ENGINEERING)

BY

G. SHIREESHA	(186M1A0508)
B. NAGAMANI	(186M1A0534)
G. NEHA	(186M1A0546)
J. SWETHA	(186M1A0526)
N. MADHURI	(186M1A0517)

Under the guidance of
Mrs. K. SONY (M. TECH)
Assistant Professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad- 500 088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(v), Ghatkesar(m), Medchal Dist-Hyderabad-500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to Certify that the project report work titled "**FARMING MADE EASY USING MACHINE LEARNING**". SHEERISHA(186M1A0508), B.NAGAMANI(186M1A0534), G.NEHA (186MA10546), J.SWETHA (186M1A0526), N.MADHURI (186M1A0517) in partial fulfillment of the requirement for the award of the **BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING** by J.N.T,U,H for the academic year 2018 - 2022.


PROJECT GUIDE

Mrs. K. SONY, M.Tech

Assistant Professor


HEAD OF THE DEPARTMENT

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head Ph. D

Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

Viva Voice held on: 06/07/2022


EXTERNAL EXAMINER


PRINCIPAL


PRINCIPAL
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Dr. V. S. GIRIDHARAKULA, Ph.D

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
“RESPIRATORY ANALYSIS DETECTION OF VARIOUS
LUNG INFECTIONS USING COUGH SIGNALS”

Submitted in partial fulfillment of the Requirements

For the award of a degree of

BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

BY

B.VAISHNAVI DEVI	(186M1A0516)
M.PURNIKA	(186M1A0507)
M.AKSHITHA	(186M1A0513)
M.NIKITHA	(186M1A0557)
G.VANDHANA	(186M1A0552)

Under the guidance of
Dr.ARUL DALTON

Professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021-2022

Pijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“RESPIRATORY ANALYSIS DETECTION OF VARIOUS LUNG INFECTIONS USING COUGH SIGNALS”** is being submitted by **B.VAISHNAVI DEVI(186M1A0516), M.AKSHITHA (186M1A0513), M.PURNIKA(186M1A0507), M.NIKITHA (186M1A0557), G.VANDHANA(186M1A0552)** in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H during the Academic Year 2021-2022.

PROJECT GUIDE
Dr.Arul Dalton
Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

HEAD OF THE DEPARTMENT
Dr.Arul Dalton
Professor

Viva Voce held on: 06/07/22

EXTERNAL EXAMINER

Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088
DR.V.S.GIRIDHARAKULA, Ph.D

Principal
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T.S-500088

A
MAJOR PROJECT REPORT
ON
“FINGERPRINT BASED ON ATM SYSTEM”

Submitted in partial fulfillment of the Requirements

For the award of a degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

B.SWARANJALI	(186M1A0566)
P.NAVITHA	(196M5A0511)
B.MANEMMA	(186M1A0575)
A.SRIPRIYA	(166M1A0565)
V.RISHITHA	(196M5A0505)
B.MAHESHWARI	(196M5A0506)

Under the guidance of

Mrs.K.Sony M.Tech.

Assistant professor



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021 - 2022

Rajeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“FINGERPRINT BASED ON ATM SYSTEM”** is being submitted by B.SWARANJALI (186M1A0566), P.NAVITHA (196M5A0511), B.MANEMMA (186M1A0575), A.SRIPRIYA (166M1A0565), V.RISHITHA (196M5A0505), B.MAHESHWARI (196M5A0506) in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.


PROJECT GUIDE

Mrs.K.Sony M.Tech

Assistant Professor


HEAD OF THE DEPARTMENT

Dr. G. Arul Dalton, Ph.D

Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad – 500088

Viva Voce held on: 7/7/22


EXTERNAL EXAMINER


PRINCIPAL

Dr. V. S. GIRIDHAR AKULA

Principal


**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
**“LIGHT WEIGHT PRIVACY-PRESERVING MEDICAL
DIAGNOSIS IN EDGE COMPUTING”**

Submitted in partial fulfillment of the Requirements

For the award of a degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

SUBMITTED BY

SNEHA GOUD	(186M1A0563)
CH.VANDANA	(186M1A0571)
N.PRAVALIKA	(186M1A0580)
G.NARMADA	(18C21A0511)
A.GOUTHAMI	(176M1A0514)
RESHMA	(166M1A0558)

Under the guidance of

Mrs. K.Manjula, M.Tech
Assistant professor



Rijeev
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist. T S-500088

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021 - 2022

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report work titled **“LIGHT WEIGHT PRIVACY-PRESERVING MEDICAL DIAGNOSIS IN EDGE COMPUTING”** is being submitted by SNEHA GOUD (186M1A0563), CH.VANDANA (186M1A0571), N.PRAVALIKA (186M1A0580), G.NARMADA (18C21A0511), A.GOUTHAMI (176M1A0514), RESHMA (166M1A0558) in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

PROJECT GUIDE

Mrs.K.Manjula, M.Tech
Assistant Professor

HEAD OF DEPARTMENT

Dr. G. Arul Dalton
Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D.
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

Viva Voce held on: 07-07-2022

EXTERNAL EXAMINER

PRINCIPAL

Dr. V. S. GIRIDHAR AKULA

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Principa
**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V),
Ghatkesar (M) Medchal Dist. T S-500088

A
MAJOR PROJECT REPORT
ON
**ADAPTIVE DIFFUSION OF SENSITIVE INFORMATION
IN ONLINE SOCIAL NETWORKS**

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF
THE DEGREE

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

SUBMITTED BY

M.SHIKARA REDDY	(186M1A0547)
N.SRIVIDYA	(186M1A0505)
M.APARNA REDDY	(186M1A0531)
CH.BHARGAVI	(186M1A0532)
D.ARCHANA	(186M1A0536)

Under the guidance of

Mrs.N.BHARGAVI,M.Tech

(Asst. Prof of CSE)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



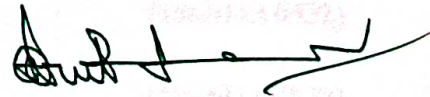
CERTIFICATE

This is to certify that the project report work titled **“ADAPTIVE DIFFUSION OF SENSITIVE INFORMATION IN ONLINE SOCIAL NETWORKS”** That is being submitted by M.SHIKARA REDDY (186M1A0547), N.SRIVIDYA(186M1A0505), M.APARNA REDDY (186M1A0531), CH.BHARGAVI(186M1A0532), D.ARCHANA(186M1A0536) in partial fulfillment of the requirements for the Award of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022



PROJECT GUIDE

Mrs.N.Bhargavi,M.Tech
Assistant Professor

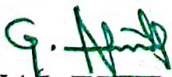


HEAD OF DEPARTMENT

Dr. G. Arul Dalton
Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad – 500088

Viva Voce held on: 06/07/2022



EXTERNAL EXAMINER


Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088
PRINCIPAL

Dr.V.S.GIRIDHAR AKULA

A
MAJOR PROJECT REPORT
ON
“A FORENSICS ACTIVITY LOGGER TO EXTRACT
USER ACTIVITY FROM MOBILE DEVICES”

Submitted in partial fulfillment of the Requirements

For the award of a degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

SUBMITTED BY

M.MADHURI	(186M1A0567)
P.SAI KEERTHANA	(186M1A0576)
P.INDHUMATHI	(196M5A0507)
P.MAMATHA	(156M1A0512)
SHEFALI JOHNSON	(186M1A0579)

Under the guidance of

Dr. G. ARUL DALTON B.E,M.E,Ph.D

Professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

2021-2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdariguda (v), Ghatkesar (m), Medical (dist.)-Hyderabad-500 088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report work entitled "**NETWORK TRAFFIC ANALYSIS USING MACHINE LEARNING**" is being submitted by CH. SUVARTHA (196M5A0509), P. SHRAVANI (196M5A0510), J. SWARNALATHA (166M1A0572), L. SONY (18C21A0523), D. KALYANI (18C21A0508) in partial fulfilment of the requirements for the award of the **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** by JNTUH during the Academic Year 2021-2022.

Ankita

PROJECT GUIDE

Mrs. Dr. ANKITA NIGAM, Ph.D.

Dr. G. Arul Dalton

HEAD OF THE DEPARTMENT

Dr. G. ARUL DALTON Ph.D.

Dr. G. ARUL DALTON, B.E., M.E., Ph.D.
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

Viva Voce held on: 07-07-2022

B. V. S. Girdhar Akula

EXTERNAL EXAMINER

Pijeeer
Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Dr. V. S. Girdhar Akula

PRINCIPAL

Dr. V. S. GIRDHAR AKULA Ph.D.

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT ON
“NETWORK TRAFFIC ANALYSIS USING
MACHINE LEARNING”

SUBMITTED IN PARTIAL FULLFILMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

SUBMITTED BY

CH. SUVARTHA (196M5A0509)

P. SHRAVANI (196M5A0510)

J. SWARNALATHA (166M1A0572)

L. SONY (18C21A0523)

D. KALYANI (18C21A0508)

Under the guidance of

Mrs. Dr. Ankita Nigam, Ph.D.



Department of Computer Science and Engineering

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdariguda (v), Ghatkesar (m), Medical (dist.)-Hyderabad-500 088

2021-2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500084

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500 088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report work titled “ **A FORENICS ACTIVITY TO EXTRACT USER ACTIVITY FROM MOBILE DEVICES**” that is being submitted by M.MADHURI(186M11A0567),P.SAI KEERTHANA (186M1A0576), P.INDHUMATHI(196M5A0507),P.MAMATHA(156M1A0512) SEFALI JOHNSON(186M1A0579) in partial fulfilment of the requirements for the Award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE &ENGINEERING** by J.N.T.U.H during the Academic Year 2021-2022.

PROJECT GUIDE
Dr. G. ARUL DALTON
Professor

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head

HEAD OF THE DEPARTMENT
Department of Computer Science and Engineering
Princeton Institute of Engineering and
Technology for Women
Dr. G. ARUL DALTON
Hyderabad - 500088
Professor

Viva Voce held on: 07/7/2022

EXTERNAL EXAMINER

PRINCIPAL

Dr. V.S.GIRIDHAR AKULA, Ph.D

Principal

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500088

**PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN**
Chowdaryguda, Korremula (V);
Ghatkesar (M), Medchal Dist, T S-500088

A
MAJOR PROJECT REPORT
ON
**“DETECTION OF FAKE NEWS THROUGH
IMPLIMENTATION OF DATA SCIENCE APPLICATIONS”**

Submitted in partial fulfillment of the Requirements

For the award of a degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

P.NISSY	(186M1A0572)
T.ANUSHA	(196M5A0508)
M.KEERTHI	(18C21A0527)
K.NANDINI	(186M1A0570)
K.USHWITHA	(176M1A0524)

Under the guidance of

Mr.T.Kanakaiah M.Tech.

Assistant professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi

Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

2021 - 2022

Principal

PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi
Chowdaryguda(V), Ghatkesar(M), Medchal Dist-Hyderabad – 500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

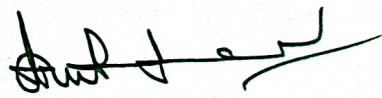


CERTIFICATE

This is to certify that the project report work titled **“DETECTION OF FAKE NEWS THROUGH IMPLIMENTATION OF DATA SCIENCE APPLICATIONS”** is being submitted by P.NISSY (186M1A0572), T.ANUSHA (196M5A0508), M.KEERTHI (18C21A0527), K.NANDINI (186M1A0570), K.USHWITHA (176M1A0524) in partial fulfillment of the requirements for the award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** by J.N.T.U.H. during the Academic Year 2021 – 2022.

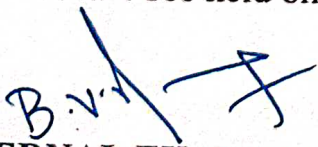

PROJECT GUIDE

Mr. T. Kanakaiah M.Tech
Assistant Professor


HEAD OF THE DEPARTMENT

Dr. G. Arul Dalton B.E., M.E., Ph.D
Professor

Viva Voce held on: 07/07/2022


EXTERNAL EXAMINER

Dr. G. ARUL DALTON, B.E., M.E., Ph.D
Professor and Head
Department of Computer Science Engineering
Princeton Institute of Engineering and
Technology for Women
Hyderabad - 500088

PRINCIPAL


Dr. V. S. GIRIDHAR AKULA


Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

Principal
PRINCETON INSTITUTE OF ENGINEERING
& TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088