



## Certificate of Internship

Manikantha Uday Naik (1AY20EE410)

### Industrial Automation

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081

78935 57108

info@skilldzire.com

www.skilldzire.com





## Certificate of Internship

Lavanya E (1AY20EE406)

### Solar PV Plant Design

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081

☎ 78935 57108

✉ [info@skilldzire.com](mailto:info@skilldzire.com)

🌐 [www.skilldzire.com](http://www.skilldzire.com)



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# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

◀ SHASHANK G MADHAV JENNERA ▶

has completed INTERNSHIP at VENKA SWITCHGEARS from Aug-22 to Sept-22

We found him/her sincere, hardworking, dedicated and result oriented. She/he worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
SIGNATURE





Enthu Technology Solutions  
India Pvt Ltd



ProjectContest.com  
Spreading Innovations

## Certificate of Completion

This certificate is presented to **Mr. Vishal** for his/her active participation and course completion on PCB Design & Fabrication - Prototype Development Process conducted by Enthu Technology Solutions India Pvt Ltd in association with Project Contest Innovations LLP., from 08.10.2022 to 07.11.2022

Prakash V Anandan  
Training Manager,  
Enthu Technology Solutions  
India Pvt Ltd.




Rajasekar Madhavan  
Founder & CEO,  
Project Contest Innovations LLP.

ITP07CC082





  
**Varcons Technologies Pvt Ltd**  
Communicate. Collaborate. Create


## CERTIFICATE OF INTERNSHIP

This is to certify that Satyam Kumar whose USN is 1AY19EE030, has completed their Full Stack Web Development Internship organised and handled by **Varcons Technologies Pvt. Ltd** from 6<sup>th</sup> February, 2023 to 9<sup>th</sup> March, 2023.

The person to whom this certificate is addressed to has worked on a project titled **Template Website Coursez:Site to Sell Courses**. This project was aimed

at creating fully-fledged functional **web template(s)** for a client of ours. As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

To verify this certificate, [CLICK HERE](#) 



18 M G Road, Ulsoor, Bangalore-560001

[www.varconstech.com](http://www.varconstech.com)

[contact@varconstech.com](mailto:contact@varconstech.com)

This certificate was generated using [CERTIFY.COM](#)



This is to Certify that Mr/Ms K. Lohith Electrical and Electronics Engineering Department of Acharya Institute of Technology has successfully undergone 4 weeks Internship on Uninterrupted Power Supply Systems during 01.09.2022 to 28.09.2022

Certificate No.MPS1124/CERT/UPS/2022-2023/101

For Meenakshi Power Solutions

Authorized Signatory



# CERTIFICATE

## OF INTERNSHIP

### This Certifies that

CHETHAN H N [1AY20EE401]

has completed.....*INTERNSHIP*..... at ~~VENKAT~~ *VENKAT* ~~SWITCHGEAR~~ from *Aug-2022* to *Sept-2022*...

We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
CEO SIGNATURE





Nidec Industrial Automation  
India Private Ltd.  
#45, Nagarur, Huskur Road,  
Off Tumkur Road,  
Bengaluru – 562162, India

T: +91 80 6726 4800  
F: +91 80 23717808  
www.leroy-somer.in

Date: 07<sup>th</sup> March 2023

## CERTIFICATE

This is to certify that Mr. Sanjay K S (1AY20EE419) BE Student of Acharya Institute of Technology, Has successfully completed his Internship on "Overview of Nidec Industrial Automation India Pvt Ltd" from 07<sup>th</sup> September 2022 to 07<sup>th</sup> October 2022.

During internship period his conduct was good and he was much interested towards the subject.

For Nidec Industrial Automation India Pvt Ltd

Vishwanatha B E  
Manager – Human Resource

---

**LEROY-SOMER™**

Nidec Industrial Automation India Private Ltd.  
Registered Office: #45, Nagarur, Huskur Road, Off Tumkur Road, Bengaluru – 562 162, INDIA (CIN : U31101KA2000PTC026933)  
(Formerly Emerson Industrial Automation Electric Power Generation Pvt. Limited)

17th November 2022

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Darshan V** student Acharya Institute of Technology Bangalore Having USN **IAY19EE006** has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26th September 2022.

He was working on the "**Embedded with IOT**". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorized Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore

**TECH FORTUNE TECHNOLOGIES**

#18,22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE 560040  
Ph: +91 9591687143/8317355535 – [www.tech-fortune.com](http://www.tech-fortune.com) | email: [info@tech-fortune.com](mailto:info@tech-fortune.com)

# Internship Certificate

**Congratulations!**

**YETHVIK V KUMAR**

**for successful completion of Internship on**  
***"Electrical C&R Panel Manufacturing Plant &***  
***Industrial feeder protection using***  
***Siemens IED-7SJ80"***

**Start date:22/08/2022**

**End date: 19/09/2022**

*S. Anil Kumar*

**Anil kumar S**  
**Head-Trainings(EPS),**  
**MCORETA**





## 10.Certificate

**TECH FORTUNE**  
we stand for excellence

Ref - TFT/INT/2022/00344

26th September 2022

### TO WHOM IT MAY CONCERN

This is to certify that Mr Deepak AS (1AY19EE007) student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore



**TECH FORTUNE TECHNOLOGIES**

#18 22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040  
Ph: +91 9591 68 7143/8317 35 5535 - www.tech-fortune.com | email: info@tech-fortune.com



## 10. Certificate

**TECH FORTUNE**  
We stand for excellence

Ref - TTT/INT/2022/00345

26th September 2022

### TO WHOM IT MAY CONCERN

This is to certify that Mr Manoj CP(1AY19EE020)-student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore



**TECH FORTUNE TECHNOLOGIES**

#18 22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040  
Ph: +91 9591 68 7143/8317 35 5535 • www.tech-fortune.com | email: info@tech-fortune.com



Ref - TPT/INT/2022/00343

26th September 2022

**TO WHOM IT MAY CONCERN**

This is to certify that **Mr Charan S (1AY19EE004)** student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore



**TECH FORTUNE TECHNOLOGIES**

#18 22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040





Date: 21st October, 2022

No. AMAR/C/002

### TO WHOM IT MAY CONCERN

We are happy to certify that **Md. Faisal Khan** has done one month Work from Home Internship on "Software Development" from 25th August 2022 to 29th September 2022.

He was found sincere and hard-working during this tenure, and the outcome of his work was more than satisfactory.

**TECHNIZEN SOLUTIONS** is an ISO 9001:2015 (Quality Work Management) certified value-driven, technology-based software consultancy firm with 7 years of combined experience in India, USA, UK, Europe, Australia and Canada. If you have any queries regarding this certification, feel free to contact us on [info@technizen.in](mailto:info@technizen.in) for more information.

We wish him all the best for her future endeavors.

Regards,

  
Director (Business Development)  


**THE POWER OF THE TECHNOLOGY IS "INFINITE"**



**SkillDzire**

## Certificate of Internship

Poojitha P (1AY19EE025)

### Solar PV Plant Design

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081

78935 57108

info@skilldzire.com

www.skilldzire.com



# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

◀ MALLINATH [1AY20EE409] ▶

has completed.....INTERNSHIP.....at VENKAT SWITCHGEARS.....from Aug-22 to Sept-22.....  
We found him/her sincere, hardworking, dedicated and result oriented. She/he worked well as  
part of team during His/Her tenure. We take this opportunity to thank Him/Her  
and wish Him/Her all the best for Him/Her future.

29-09-2022  
DATE



  
CEO SIGNATURE



## Internship Certificate

**Congratulations!**

**ZAIBA T A**

**for successful completion of Internship on**  
***"Electrical C&R Panel Manufacturing Plant &***  
***Industrial feeder protection using***  
***Siemens IED-7SJ80"***

**Start date:22/08/2022**

**End date: 19/09/2022**

*S. Anil Kumar*

**Anil kumar S**  
**Head-Trainings(EPS),**  
**MCORETA**





Ref - IFT/INT/2022/00347

26th September 2022

**TO WHOM IT MAY CONCERN**

This is to certify that Mr Pritham hosamani(1AY19EE027) student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> Septmber 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore



**TECH FORTUNE TECHNOLOGIES**

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Ph: +91 9591 68 7143/8317 35 5535 - [www.tech-fortune.com](http://www.tech-fortune.com) | email: [info@tech-fortune.com](mailto:info@tech-fortune.com)





Enthu Technology Solutions  
India Pvt Ltd



ProjectContest.com  
Spreading Innovations

## Certificate of Completion

This certificate is presented to **Mr. Vishal Chilkad** for his/her active participation and course completion on PCB Design & Fabrication - Prototype Development Process conducted by Enthu Technology Solutions India Pvt Ltd in association with Project Contest Innovations LLP., from 08.10.2022 to 07.11.2022

Prakash V. Anandan  
Training Manager,  
Enthu Technology Solutions  
India Pvt Ltd.,



Rajasekar Madhavan  
Founder & CEO,  
Project Contest Innovations LLP.

ITP07CC082



# CERTIFICATE

## OF INTERNSHIP

This Certifies that

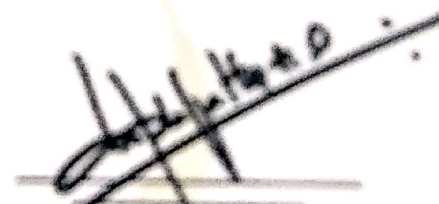
◀ Sumanth Kumar (1872044911) ▶

has completed Internship at Venkat Switchgears from Aug-22 to Sept-22

We found him/her sincere, hardworking, dedicated and result oriented. She/he worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022  
DATE



  
CEO SIGNATURE



# INTERNSHIP CERTIFICATE



Enthu Technology Solutions  
India Pvt Ltd



ProjectContest.com  
Spreading Innovations

## Certificate of Completion

This certificate is presented to **Mr.Halesh Kumar** for his/her active participation and course completion on PCB Design & Fabrication - Prototype Development Process conducted by Enthu Technology Solutions India Pvt Ltd in association with Project Contest Innovations LLP., from 08.10.2022 to 07.11.2022

Prakash V. Anandan  
Training Manager,  
Enthu Technology Solutions  
India Pvt Ltd.



Rajasekar Madhavan  
Founder & CEO,  
Project Contest Innovations LLP.

ITP07CC082



# . Certificate

**TECH FORTUNE**  
we stand for excellence

Ref - TFT/INT/2022/00346

26th September 2022

## TO WHOM IT MAY CONCERN

This is to certify that Mr Manjunath TR(1AY19EE019) student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore



**TECH FORTUNE TECHNOLOGIES**

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Ph: +91 9591 68 7143/8317 35 5535 - [www.tech-fortune.com](http://www.tech-fortune.com) | email: [info@tech-fortune.com](mailto:info@tech-fortune.com)

# Certificate

Ref - TFT/INT/2022/00351

**TECH FORTUNE**  
we stand for excellence

26th September 2022

## TO WHOM IT MAY CONCERN

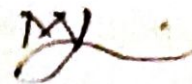
This is to certify that **Mr Vishwasgowda H J (1AY19EE035)** student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore





26th September 2022

**TO WHOM IT MAY CONCERN**

This is to certify that Mr Vishwasgowda H J (1AY19EE035) student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore

**TECH FORTUNE TECHNOLOGIES**

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# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

MEGHANA P [1AY20EE411]

has completed.....~~INTERNSHIP~~..... at ~~VENKAT SWITCHGEARS~~ from ~~Aug-2022~~....to ~~Sept-2022~~....

We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this oppotunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29/09/2022

DATE



  
CEO SIGNATURE

Ref - TFT/INT/2022/00113

23<sup>rd</sup> September 2022

**TO WHOM IT MAY CONCERN**

This is to certify that Mr Karthik H R student of Acharya Institute of Technology Bangalore Having USN 1AY19EE017 has successfully completed his Internship in Our Organization Tech Fortune Technologies from 21<sup>st</sup> August 2022 to 23<sup>rd</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore





# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

DEEPA G K [AY20EE402]

has completed.....INTERNSHIP..... at VENKAT SWITCHGEARS from Aug-2022..... to Sept-2022....

We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
\_\_\_\_\_  
CEO SIGNATURE





**MCoreta**

## Internship Certificate

**Congratulations!**

**RAHUL**

**FOR successful completion of Internship on**  
***"Electrical C&R Panel Manufacturing Plant &***  
***Industrial feeder protection using***  
***Siemens IED-7SJ80"***

**Start date: 22/08/2022**

**End date: 19/09/2022**

*S. Anil Kumar*

**Anil kumar S**  
**Head-Trainings(EPS),**  
**MCoreta**



# CERTIFICATE



## Certificate of Internship

Veeresh (1AY20EE425)

### Industrial Automation

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081

78935 57108

info@skilldzire.com

www.skilldzire.com



# Internship Certificate



## Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**DIVYABHARATI**

Student of **ACHARYA INSTITUTE OF TECHNOLOGY**

Has completed Internship in **Embedded System and IoT**

From **21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



**Mallikarjun Kumbar**  
Director



**#startupindia**

# GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED



No. BDR/SEE/EE(O)/AEEF(O)/2022-23/ 8561

Date: 01-09-2023

## CERTIFICATE

This is to certify that **Mr. BASAVARAJ** (Reg No. **USN.1AY19EE002**) student of Electrical and Electronics Engineering branch of Acharya Institute of Technology, Bangalore has carried out internship in this Circle from **01-09-2022 to 30-09-2022** as requested by the Professor & HOD and across the practices followed in various Sub-divisions of GESCOM, Bidar like, "HT Rating, Relay Testing, Meter Testing, Accounts (Internal Audit, EST Section of Division & Circle). TA& QC and C&M division" etc.

*His conduct and behavior during the above said period was good.*

  
Superintending Engineer (Ele),  
O&M Circle, GESCOM, Bidar.

Place : Bidar.

Date : 01-10-2022.



Ref - TFT/INT/2022/00349

26th September 2022

**TO WHOM IT MAY CONCERN**

This is to certify that Mr J Abhishek (1AY19EE015) student Acharya Institute of technology has successfully completed his Internship in Our Organization Tech Fortune Technologies from 25th August 2022 to 26<sup>th</sup> September 2022.

He was working on the "Embedded with IOT". The time he joined, He was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best for a successful career ahead.

For Tech Fortune Technologies

Authorised Signatory



Mallikarjun V S  
CEO- Tech Fortune  
Place: Bangalore





# CERTIFICATE

## OF INTERNSHIP

### This Certifies that

NOORJAHAN SHIVANAGUTTI [1A72056414]

has completed.....*INTERNSHIP*..... at ~~VENKAT SWITCHGEARS~~ from *Aug-2022*..... to *Sept-2022*....

We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this oppotunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
CEO SIGNATURE



CERTIFICATE NO: PS-APSSDCEVINTERN400522



# CERTIFICATE

## OF INTERNSHIP

THIS IS TO CERTIFY THAT



**PANTECH SOLUTIONS**  
Technology Beyond The Dreams

NAME Mr.MOHIT

ORGANISATION ACHARYA INSTITUTE FOR TECHNOLOGY

has successfully completed

30 DAYS INTERNSHIP ON ELECTRIC VEHICLE DESIGN

at Pantech E Learning Pvt Ltd, Chennai

FROM 10.08.2022 TO 09.09.2022

  
M.Malaiyappan  
Director  
Pantech e Learning

  
Dr.Ravi Gajjala  
Chief General Manager (Technical)  
APSSDC

Certificate:

# Exposys Data Labs



## Certificate of Internship

### TO WHOM IT MAY CONCERN

This is to certify that **Mr. ARKA DEEP SEAL** has completed internship programme on “**Software Developer**” from 06.09.2022 to 05.10.2022.

He took keen interest in the work assigned and successfully completed it. During the period of internship, we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

**Y Vishnuvardhan**  
Chief Director



hr@exposysdata.com  
www.exposysdata.com





# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SHARATH B J**

Student of **ACHARYA INSTITUTE OF TECHNOLOGY**

Has completed Internship in **Embedded System and IoT**

From **21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022**

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbar  
Director



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

#startupindia



## Certificate Of Internship

This is to certify that RISHAV KUMAR (1AY19EE029), has completed their Full Stack Web Development Internship organised and handled by IC Solutions from 23rd August, 2022 to 27th September, 2022.

The person to whom this certificate is addressed to has worked on a project titled IC Events-An Event Scheduler Website. This project was aimed at creating fully-fledged functional web template(s). As part of the project, they designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.

During the course of the internship, they demonstrated good design skills with a self-motivated attitude to learning new things. Their performance exceeded expectations and was able to complete the project successfully on time.

  
Anurag Pathary  
(Product Manager)

  
Garish G  
(Human Resources Manager)



# GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED



No. BDR/SEE/EE(O)/AEEE(O)/2022-23/ 8560

Date: 20-08-2023

## CERTIFICATE

This is to certify that **Mr. PREETESH PRANJAL (Reg No.USN.1AY19EE0026)** student of Electrical and Electronics Engineering branch of Acharya Institute of Technology, Bangalore has carried out internship in this Circle from **01-09-2022 to 30-09-2022** as requested by the Professor & HOD and across the practices followed in various Sub-divisions of GESCOM, Bidar like, "HT Rating, Relay Testing, Meter Testing, Accounts (Internal Audit, EST Section of Division & Circle), TA&QC and C&M division" etc.

*His conduct and behavior during the above said period was good.*

  
Superintending Engineer (Ele),  
O&M Circle, GESCOM, Bidar.

Place : Bidar.

Date : 01-10-2022.

# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

MOHAN REDDY N [1AY20EE413]

has completed.....INTERNSHIP..... at VENKAT SWITCHGEARS from Aug-2022.....to Sept-2022.....

We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
CEO SIGNATURE

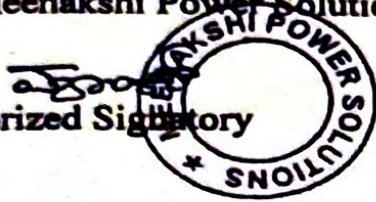


This is to Certify that Mr/Ms Pavan. M Electrical and Electronics Engineering Department of Acharya Institute of Technology has successfully undergone 4 weeks Internship on Uninterrupted Power Supply Systems during 01.09.2022 to 28.09.2022

Certificate No.MPS1124/CERT/UPS/2022-2023/100

For Meenakshi Power Solutions

Authorized Signatory





## Certificate of Internship

Harshavardhana (1AY20EE404)

### Industrial Automation

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081

☎ 78935 57108

✉ [info@skilldzire.com](mailto:info@skilldzire.com)

🌐 [www.skilldzire.com](http://www.skilldzire.com)



# CERTIFICATE



## Certificate of Internship

Shivaraj M (1AY20EE422)

**Industrial Automation**

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself  
a valuable asset for industry needs



Founder & CEO

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🌐 [www.skilldzire.com](http://www.skilldzire.com)



## Certificate of Internship

Loganadhan S (1AY20EE407)

### Solar PV Plant Design

Course Completed From 06-Sept-2022 To 06-Oct-2022

By completing this course, you have sharpened your skills & made yourself a valuable asset for industry needs



Founder & CEO

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🌐 [www.skilldzire.com](http://www.skilldzire.com)





## Certificate of Internship

Chandana S (1AY19EE003)

**Solar PV Plant Design**

**Course Completed From 06-Sept-2022 To 06-Oct-2022**

By completing this course, you have sharpened your skills & made yourself  
a valuable asset for industry needs



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✉ [info@skilldzire.com](mailto:info@skilldzire.com)

🌐 [www.skilldzire.com](http://www.skilldzire.com)

Certificate:

## Exposys Data Labs



### Certificate of Internship

#### TO WHOM IT MAY CONCERN

This is to certify that **MR. JOYDEEP BARMAN** has completed internship programme on "**Software Developer**" from 06.09.2022 to 05.10.2022.

He took keen interest in the work assigned and successfully completed it. During the period of internship, we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

**Y Vishnuvardhan**  
Chief Director



hr@exposysdata.com  
www.exposysdata.com





## **Certificate of Internship**

**Damini B R (1AY19EE005)**

**Solar PV Plant Design**

**Course Completed From 06-Sept-2022 To 06-Oct-2022**

**By completing this course, you have sharpened your skills & made yourself  
a valuable asset for industry needs**



**Founder & CEO**

**SkillDzire Technologies Pvt. Ltd, Bizness Square 16, HITEC City, Hyderabad, Telangana | 500081**

**☎ 78935 57108**

**✉ info@skilldzire.com**

**🌐 www.skilldzire.com**

# CERTIFICATE

## OF INTERNSHIP

**This Certifies that**

◀ VINAY KUMAR B SASALATTI [1A719EE034] ▶

has completed.....INTERNSHIP..... at VENKA SWITCHGEAR from Aug:-2022.....to Sept:-2022.....  
We found Him/Her sincere, hardworking, dedicated and result oriented. She/Her worked well as part of team during His/Her tenure. We take this opportunity to thank Him/Her and wish Him/Her all the best for Him/Her future.

29-09-2022

DATE



  
CEO SIGNATURE



# ACHARYA INSTITUTE OF TECHNOLOGY

SOLDEVANAHALLI, BENGALURU - 560107



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2022-2023

### CERTIFICATE

Certified that the project Report on 'EYE MONITORING WHEELCHAIR CONTROLLER' is presented by **MALLINATH (1AY20EE409)**, DAMINI B R (1AY19EE005), ZAIBA T A (1AY19EE037), DIVYABHARATI (1AY19EE009), who are a bona-fide student of Acharya Institute of Technology. The report is in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics, of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of the work prescribed for the said Degree.

Signature of Internal Guide and HOD

Dr. R PRAKASH  
HOD, Dept. Of EEE  
AIT, Bengaluru.

Signature of Principal

Dr. RAJATH HEGDE M M  
Principal  
AIT, Bengaluru.

External Viva

Name of Examiners

1. LAKSHMIKANTH REDDI
2. A. DHAMODARAN

Signature

Signature of Examiners

ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

# ACHARYA INSTITUTE OF TECHNOLOGY

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HOD, Dept. Of EEE  
AIT, Bengaluru.

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Dr. RAJATH HEGDE M M  
Principal  
AIT, Bengaluru.

External Viva

Name of Examiners

1. LAKSHMIKANTH REDDI
2. A. DHAMODARAN

Signature

Signature of Examiners  
26/5/23



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ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107



## Acharya Institute of Technology

(An Institute Affiliated to Visvesvaraya Technological University, Belgaum, Recognized by AICTE.)  
Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560107


### Department of Electrical & Electronics Engineering Year 2022-23



### CERTIFICATE

Certified that the Project Work entitled "EMS Solar Charging Stations For Electric Vehicles" is a bonafide work carried out by **Mr. J Abhishek (1AY19EE015)**, Mr. Manjunath T R (1AY19EE019), Mr. Manoj C P (1AY19EE020) and Mr. Sharath B J (1AY19EE032) in partial fulfillment for the award of Bachelor of Engineering in Electrical & Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Project Report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

  
Signature of Guide  
Mrs. Rekha C M  
Assistant Professor  
Dept. of EEE, AIT

  
Signature of HOD  
Dr. R Prakash  
Professor and  
HOD, EEE

  
Signature of Principal  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli, Bangalore-560107

① Tanuja K.S  
② Dr. Lekshmi . M

Tanuja K.S 24/5/23  
Lekshmi . M 24/05/23

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Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560107


### Department of Electrical & Electronics Engineering Year 2022-23

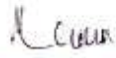


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Assistant Professor  
Dept. of EEE, AIT

  
Signature of HOD  
Dr. R Prakash  
Professor and  
HOD,EEE

  
Signature of Principal  
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① Tanuja K.S  
② Dr. Lekshmi . M

  
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24/05/23



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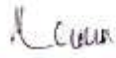


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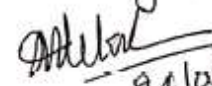
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24/05/23



# ACHARYA INSTITUTE OF TECHNOLOGY

SOLDEVANAHALLI, BENGALURU - 560107



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2022-2023

## CERTIFICATE

Certified that the project work entitled "DESIGN AND DEVELOPMENT OF DIFFERENT TOPOLOGIES FOR FAST EV CHARGER" is a bonafide work carried out by **Mr. MOHIT [1AY19EE022]**, **Ms. DEEPA G K [1AY20EE402]**, **Ms. MEGHANA P [1AY20EE411]**, **Ms. NOORJAHAN SHIVANAGUTTI [1AY20EE414]** the award of Degree of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. The project report has been approved, as it satisfies the academic requirements in respect of project work prescribed for Bachelor of Engineering Degree.

Signature of Guide  
**Mr. LAKSHMIKANTH REDDY**  
Asst. Professor, Dept. of EEE  
AIT, Bengaluru

Signature of HOD  
**Dr. R PRAKASH**  
HOD, Dept. of EEE  
AIT, Bengaluru

Signature of Principal  
**Dr. RAJATH HEGDE M M**  
Principal AIT,  
Bengaluru

**PRINCIPAL**  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

### External Viva

Name of Examiner

1. Tanuja K.
2. Dr. Lakshmi . H

Signature with Date

24/5/2023  
 24/5/23

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SOLDEVANAHALLI, BENGALURU - 560107



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2. Dr. Lakshmi . M

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Asst. Professor, Dept. of EEE  
AIT, Bengaluru

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**Dr. R PRAKASH**  
HOD, Dept. of EEE  
AIT, Bengaluru

Signature of Principal  
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Principal AIT,  
Bengaluru

**PRINCIPAL**  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

### External Viva

Name of Examiner

1. Tanya k.
2. Dr. Lakshmi . M

Signature with Date

24/5/2023  
 24/5/23

# ACHARYA INSTITUTE OF TECHNOLOGY

SOLDEVANAHALLI, BENGALURU - 560107



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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2. Dr. Lakshmi . M

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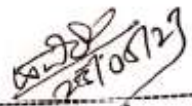



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

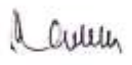
2022-2023

### CERTIFICATE

Certified that the mini project work entitled "SMART ROBOT FOR HEALTH ASSISTANCE" is a bonafide work carried out by Mr. CHARAN S[1AY19EE004], Mr. DEEPAK AS[1AY19EE007], Mr. LOHIT K[1AY19EE016], Mr. KARTHIK HR[1AY19EE017], the award of degree of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS of the Visvesvaraya Technological University, Belagavi-590018 during the year 2021- 2022. The mini project report has been approved, as it satisfies the academic requirements in respect of mini project work prescribed for Bachelor of Engineering Degree.

  
Signature of Guide  
**Mr. HARSHAVARDHAN  
VIJAY KULKARNI**, Asst.  
Professor, Dept. of EEE AIT,  
Bengaluru

  
Signature of HOD  
**Dr. PRAKASH R**  
HOD, Dept. of EEE  
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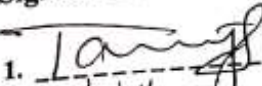
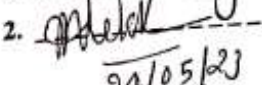
  
Signature of Principal  
**Dr. RAJATH HEGDE M M**  
Principal AIT,  
Bengaluru

External Viva

Name of Examiner

1. Tanuja K.S.
2. Dr. Lekshmi . M

Signature with Date

1.  24/5/23
2.  24/05/23

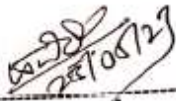



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

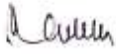
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Signature of Guide  
**Mr. HARSHAVARDHAN  
VIJAY KULKARNI**, Asst.  
Professor, Dept. of EEE AIT,  
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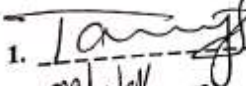
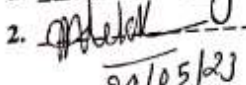
  
Signature of Principal  
**Dr. RAJATH HEGDE** M M  
Principal AIT,  
Bengaluru

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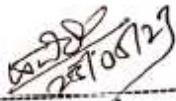



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

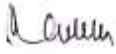
**2022-2023**

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Signature of Guide  
**Mr. HARSHAVARDHAN  
VIJAY KULKARNI**, Asst.  
Professor, Dept. of EEE AIT,  
Bengaluru

  
Signature of HOD  
**Dr. PRAKASH R**  
HOD, Dept. of EEE  
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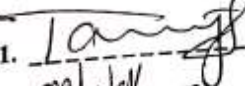
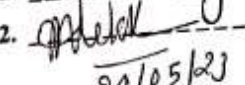
  
Signature of Principal  
**Dr. RAJATH HEGDE** M M  
Principal AIT,  
Bengaluru

**External Viva**

**Name of Examiner**

1. Tanuja K.S.
2. Dr. Lekshmi .H

**Signature with Date**

1.  24/5/23
2.  24/5/23

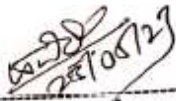



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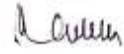
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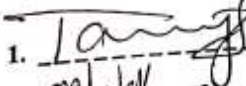
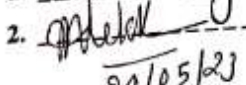
  
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# ACHARYA INSTITUTE OF TECHNOLOGY

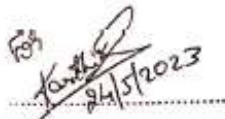
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**ACHARYA**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS**  
**ENGINEERING**  
**2022-2023**

## CERTIFICATE

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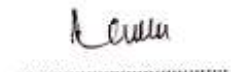
  
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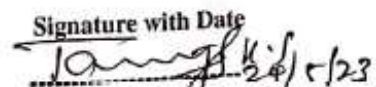
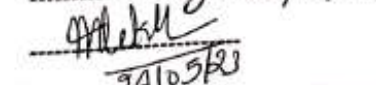
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Name of Examiner

1. Tanujak S
2. Dr. Lakshmi M

Signature with Date  
  
  
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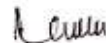
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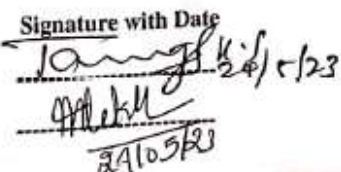


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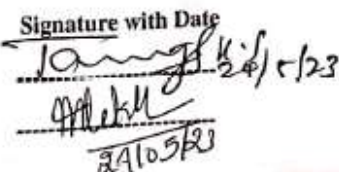


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# ACHARYA INSTITUTE OF TECHNOLOGY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560 107  
(Affiliated to Visvesvaraya Technological University, Belagavi)

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



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Signature of Guide and HOD

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AIT, Bengaluru

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Name of Examiners

1. Tanuja K.S
2. Dr. Leelashmi. M

Signature

Tanuja K.S: 24/5/23  
24/05/23



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ACHARYA INSTITUTE OF TECHNOLOGY  
SOLDEVANAHALLI, BENGALURU - 560107

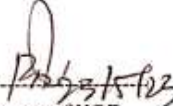


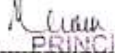
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
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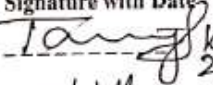
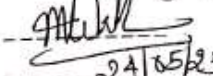
  
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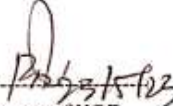


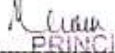
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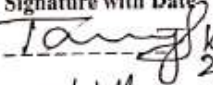
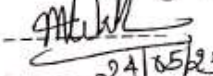
  
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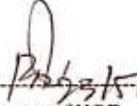


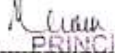
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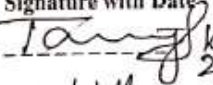
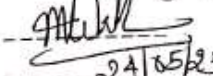
  
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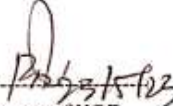


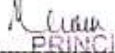
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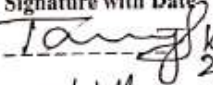
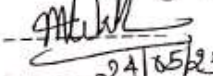
  
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Certified that the project report on 'Dual source inverter for hybrid PV and FC applications' is presented by **JEETHANAND K J (1AY20EE405)**, **ROHAN S (1AY20EE416)**, **RAHUL (1AY20EE415)**, **MOHAMMED SAMAUQUE (1AY20EE412)**, who are a bona-fide students of Acharya Institute of Technology. The report is in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics, of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of the work prescribed for the said Degree.

Kusumadevi G.H.  
23/5/23

Signature of Internal Guide

Dr. Kusumadevi G.H.

Asst. Professor

Dept. of EEE, AIT

Bengaluru.

R. PRAKASH  
23/5/23

Signature of HOD

Dr R. PRAKASH

HOD, Dept. of EEE

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Dr Rajath Hegde M M

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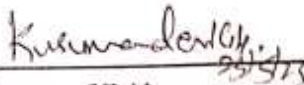



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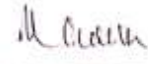
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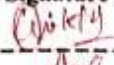

  
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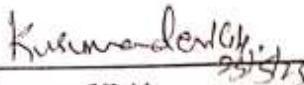



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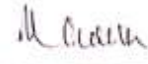
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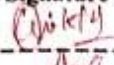

  
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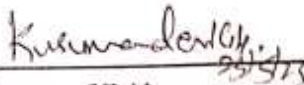



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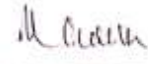
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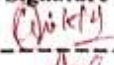

  
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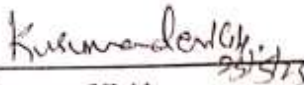


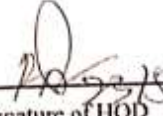
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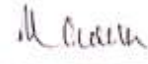
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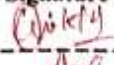

  
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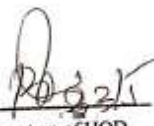


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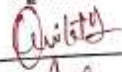

  
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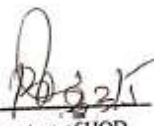


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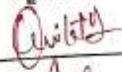
  
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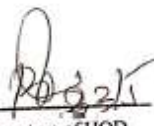


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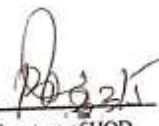


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
2022-2023

**CERTIFICATE**

Certified that the project work entitled "DESIGN AND DEVELOPMENT OF DIFFERENT TOPOLOGIES FOR FAST EV CHARGER" is a bonafide work carried out by Mr. ARUNKUMAR [1AY20EE400], Ms. SANJANA [1AY20EE418], Mr. SHASHANK G MADIVAL [1AY20EE420], Mr. SRINIVAS G [1AY20EE423] the award of degree of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. The project report has been approved, as it satisfies the academic requirements in respect of project work prescribed for Bachelor of Engineering Degree.

  
Signature of Guide  
Ms. REKHA C M  
Asst. Professor, Dept. of EEE  
AIT, Bengaluru

  
Signature of HOD  
Dr. R PRAKASH  
HOD, Dept. of EEE  
AIT, Bengaluru

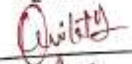

  
Signature of Principal  
Dr. RAJATH HEGDE M M  
Principal AIT, Bengaluru  
PRINCIPAL  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

External Viva

Name of Examiner

1. LAKSHMILAKSHMI REDDY
2. A. Dharmodaran

Signature with Date

  
  
25/5/23



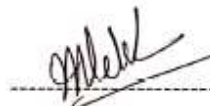
Department of Electrical & Electronics Engineering  
2022-23

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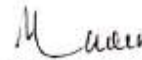
Certified that the Project Work entitled "AUTOMATED LIQUID MIXING AND FILLING" is a bonafide work carried out by, **Mr. Darshan V(1AY19EE006)**, **Mr. G Srinivas Reddy (1AY19EE010)**, **Mr. Vishwasgowda H J (1AY19EE035)** and **Mr. Yethvik V Kumar (1AY19EE036)** in partial fulfilment for the award of Bachelor of Engineering in **Electrical & Electronics Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Project Report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

  
24/05/2023

Signature of Guide  
**Mr. Karthik S**  
Asst. Professor, Dept.  
of EEE, AIT, Bengaluru



Signature of HOD  
**Dr. R Prakash**  
HOD, Dept. of EEE,  
AIT, Bengaluru



Signature of Principal  
**Dr. Rajath Hegde**  
Principal  
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PRINCIPAL

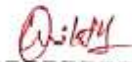

ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

External Viva

Name of the Examiners

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2. A.DHAMODARAN

Signature with Date

1.   
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2.   
25/5/23





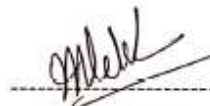
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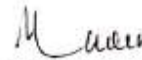
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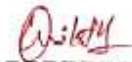

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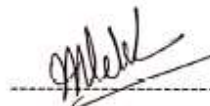
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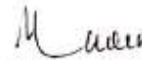
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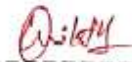

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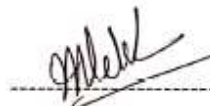
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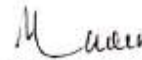
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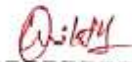

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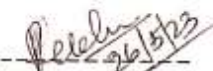
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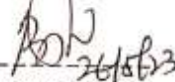


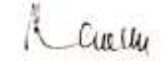
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
2022-2023

**CERTIFICATE**

Certified that the project work entitled "HYBRID POWER GENERATION USING RAIN WATER, SOLAR AND WIND ENERGY" is a bonafide work carried out by Mrs. LAVANYA E [1AY20EE406], Mr. HALESH KUMAR [1AY18EE019], Mr. SHASHANK RAO P [1AY18EE055], Mr. VISHAL [1AY18EE066] for the award of Degree of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. The project report has been approved, as it satisfies the academic requirements in respect of project work prescribed for Bachelor of Engineering Degree.

  
Signature of Guide  
Mrs. REKHA CM  
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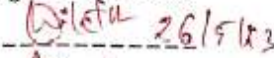
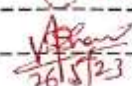
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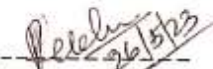
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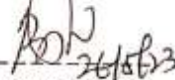


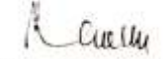
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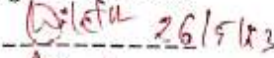
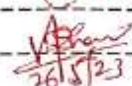
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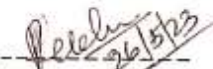
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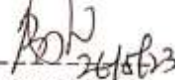


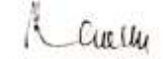
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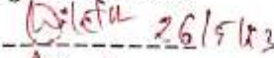
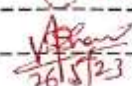
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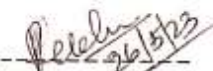
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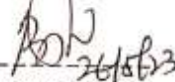


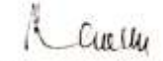
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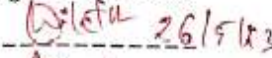
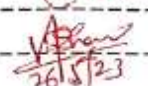
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# ACHARYA INSTITUTE OF TECHNOLOGY

SOLDEVANAHALLI, BENGALURU - 560107



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2022-2023

## CERTIFICATE

Certified that the project work entitled "SOLAR BASED UPS INVERTER" is a bonafide work carried out by **Mr. SATYAM KUMAR (1AY19EE030)** AND **Mr. VISHAL CHILKAD (1AY18EE067)** for the award of degree of **Bachelor of Engineering in ELECTRICAL AND ELECTRONICS** of the Visvesvaraya Technological University, Belgaumi-590018 during the year 2022-2023. The project report has been approved, as it satisfies the academic requirements in respect of project work prescribed **Bachelor of Engineering Degree**.

Signature of Guide  
**Mr. LAKSHMIKANTH REDDY**  
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AIT, Bengaluru

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AIT, Bengaluru

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Soldevanahalli Bangalore-560107

### External Viva

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2. **A. DHAMODARAN**

Signature with Date

26/5/22  
  
26/5/23

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2022-2023

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Signature of Guide  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING  
Year 2022-2023

## CERTIFICATE

Certified that the project work entitled "SMART ELECTRIC VEHICLE CHARGING STATION USING EMBEDDED SYSTEMS" carried out by **Mr. HARSH RAJ[1AY19EE014]**, **Ms. PAVITHRA C R[1AY19EE024]**, **Mr. PRIYAM SINGHA ROY[1AY19EE028]**, **Mr. RISHAV KUMAR[1AY19EE029]** are bonafide students of Acharya Institute of Technology. The report is in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics, of the Visvesvaraya Technological University, Belagavi 590018 during the year 2021-2022. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of work prescribed for the said Degree.

Signature of Internal Guide

Mr. Lakshmikanth Reddy

Asst. Professor, Dept. of EEE

AIT, Bengaluru.

Signature of HOD

Dr. R PRAKASH

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AIT, Bengaluru.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
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Year 2022-2023

## CERTIFICATE

Certified that the project work entitled "SMART ELECTRIC VEHICLE CHARGING STATION USING EMBEDDED SYSTEMS" carried out by Mr. HARSH RAJ[1AY19EE014], Ms. PAVITHRA C R[1AY19EE024], Mr. PRIYAM SINGHA ROY[1AY19EE028], Mr. RISHAV KUMAR[1AY19EE029] are bonafide students of Acharya Institute of Technology. The report is in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics, of the Visvesvaraya Technological University, Belagavi 590018 during the year 2021-2022. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of work prescribed for the said Degree.

Signature of Internal Guide

Mr. Lakshmikanth Reddy

Asst. Professor, Dept. of EEE

AIT, Bengaluru.

Signature of HOD

Dr. R PRAKASH

HOD, Dept. of EEE

AIT, Bengaluru.

Signature of Principal

Dr. Rajath Hegde M M

Principal

AIT, Bengaluru.

PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

External Viva

Name of Examiners

1. LAKSHMI KANTH REDDY

2. A. DHAMODARAN

Signature

# Acharya Institute of Technology

(Affiliated to Visvesvaraya Technological University, Belagavi) Soldevanahalli, Bengaluru - 560107



DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING  
Year 2022-2023

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Soldevanahalli Bangalore-560 107

External Viva

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Signature

# ACHARYA INSTITUTE OF TECHNOLOGY

Hessaraghatta Road, Dr. Sarvepalli Radhakrishnan Road

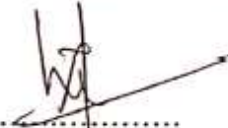
Bengaluru 560107


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

Certified that the Mini Project work entitled "MULTI-PURPOSE ROBOT" is carried out by Ms. GANAVI H G (1AY19EE011), Mr. GOWTHAM K M (1AY19EE012), Mr. SANJAY K S (1AY20EE419) and Mr. VIJAYENDAR KARTTHIK R (1AY20EE426) in the partial fulfilment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. The Project Report has been approved as it satisfies the academic requirement in respect of Project work (18EEP83) prescribed for the Bachelor of Engineering Degree.

  
.....  
Signature of Guide  
Mr. DAYANANDA L N  
Asst Professor  
Dept of EEE, AIT

  
.....  
Signature of HOD  
Dr. PRAKESH R  
Professor and Head  
Dept of EEE, AIT

  
.....  
Signature of Principal  
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Principal, AIT



PRINCIPAL  
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Soldevanahalli Bangalore-560 107

### External Viva Voce

Name of the examiners:

- 1: LAKSHMIKANTHI REDDI
- 2: A. DHAMODARAN

Signature of examiners:

- 1:  26/5/23
- 2:  26/5/23

# ACHARYA INSTITUTE OF TECHNOLOGY

Hessaraghatta Road, Dr. Sarvepalli Radhakrishnan Road

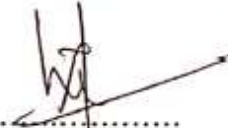
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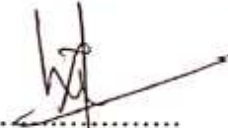
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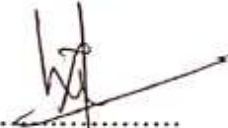
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SOLDEVANAHALLI, BENGALURU - 560107



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING 2022-2023

### CERTIFICATE

Certified that the project work entitled "DESIGN AND FABRICATION OF RIVER CLEANING MACHINE" is a bonafide work carried out by **Mr. BASAVARAJ [1AY19EE002]**, **Mr. PREETHESH PRANJAL [1AY19EE026]**, **Mr. PRITHAM HOSAMANI [1AY19EE027]**, **Mr. SUMANTH KUMAR N[1AY20EE424]** the award of Degree of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS of the Visvesvaraya Technological University, Belagavi-590018 during the year 2022-2023. The project report has been approved, as it satisfies the academic requirements in respect of project work prescribed for Bachelor of Engineering Degree.

Signature of Guide  
**Prof. MADHUSUDHAN S**  
Asst. Professor, Dept. of EEE  
AIT, Bengaluru

Signature of HOD  
**Dr. R PRAKASH**  
HOD, Dept. of EEE  
AIT, Bengaluru

Signature of Principal  
**Dr. RAJATH HEGDE**  
Principal, AIT, Bengaluru  
ACHARYA INSTITUTE OF TECHNOLOGY  
SOLDEVANAHALLI, Bangalore-560 107

### External Viva

#### Name of Examiner

1. **LALITHA MIKANATH REDDY**
2. **A. DHAMODARAN**

#### Signature with Date



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Principal AIT, Bengaluru  
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26/5/23

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AIT, Bengaluru

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SOLDEVANAHALLI, Bangalore-560 107

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Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.

**CERTIFICATE**

Certified that the Mini Project work entitled "EV BATTERY MANAGEMENT SYSTEM WITH CHARGE MONITORING" is carried out by **DINESH A (1AY21EE403), HARSHITHA Y N (1AY21EE406), MANJUNATH M (1AY21EE412), MANOJ S M (1AY21EE413)** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work **(18EEMP68)** prescribed for the Bachelor of Engineering Degree.

Signature of Guide  
Mr. MADHUSUDHAN S  
Assistant Professor  
Dept. of EEE, AIT

Signature of HOD  
Dr. R PRAKASH  
Prof and Head  
Dept. of EEE, AIT

Signature of Principal  
Dr. Rajath Hegde M M  
Principal, AIT

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Soldevanahalli Bangalore-560 107

**External Viva****Name of the Examiners**

1. Dayananda. L. N
2. Dr. Swetha. G.

**Signature with date**

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**External Viva****Name of the Examiners**

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**Signature with date**  
19/7/23  
  
19/7/23

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**Bengaluru 560107**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING.**



**CERTIFICATE**

Certified that the Mini Project work entitled "OBSTACLE AVOIDING ROBOT" was carried out by **1. BHARGAV N (1AY20EE011)** **2. HARSHA G (1AY20EE013)** **3. RAGHAVENDRA D (1AY20EE023)** **4. SOURABH PRANESH KULKARNI (1AY20EE026)** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (**18EEMP68**) prescribed for the Bachelor of Engineering Degree.

*M.S. 18/7*

Signature of Guide

**Mr. MADHUSUDHAN.S**

Assistant professor

Dept of EEE, AIT

*R.H. 18/7/23*

Signature of HOD

**Dr. PRAKASH R**

Prof and Head of Dept

Dept of EEE, AIT

*R. 18/7/23*

Signature of Principal

**Dr. RAJATH HEGDE M.M**

Principal

Acharya Institute of Technology  
 Soldevanahalli Bengaluru-560 107

External Viva

Name of the examiners

1. *Dr. Vidya . M*
2. *RAKSHAKANTH REDDY*

Signature with date

*Vidya . M*  
*20/7/23*  
*R. 20/7/23*

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Dept of EEE, AIT

*R. 18/7/23*

Signature of HOD

Professor & HOD

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Dept of Electrical & Electronics Engineering  
Prof. and Head of Dept.  
Aacharya Institute of Technology  
Soldevanahalli, Bengaluru-560 107

*Dr. R. 18/7/23*

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Name of the examiners

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2. LAKSHMIKANTH REDDY

Signature with date

*Vidya . M. 20/7/23*  
*L. R. 20/7/23*



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*R. 18/7/23*

Signature of HOD

**Professor & HOD**  
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Soldevanahalli, Bangalore-560 107

*Dr. R. 18/7/23*

Signature of Principal

**Dr. RAJATH HEGDE M.M**

**Principal**  
**ACHARYA INSTITUTE OF TECHNOLOGY**  
Soldevanahalli Bangalore-560 107

External Viva

Name of the examiners

1. Dr. Vidya . M
2. LAKSHMIKANTH REDDY

Signature with date

*Vidya . M. 20/7/23*  
*L. K. R. 20/7/23*

**ACHARYA INSTITUTE OF TECHNOLOGY**

Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING.

**CERTIFICATE**

Certified that the Mini Project work entitled "OBSTACLE AVOIDING ROBOT" was carried out by 1. BHARGAV N (1AY20EE011) 2. HARSHA G (1AY20EE013) 3. **RAGHAVENDRA D (1AY20EE023) 4.SOURABH PRANESH KULKARNI (1AY20EE026)** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

*M.S. 18/7*

Signature of Guide

**Mr.MADHUSUDHAN.S**  
Assistant professor  
Dept of EEE,AIT

*R. 18/7/23*

Signature of HOD

**Professor & HOD**  
**Dr.PRAKASH R**  
Dept of Electrical & Electronics Engineering  
Prof. and Head of Dept,  
Aacharya Institute of Technology  
Soldevanahalli, Bangalore-560 107

*Dr. R. 18/7/23*

Signature of Principal

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Soldevanahalli Bangalore-560 107

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1. Dr. Vidya . M
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Signature with date

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# ACHARYA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belgaum, Recognized by AICTE)

Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560 107

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year - 2022-23



### CERTIFICATE

Certified that the Mini project work entitled "WIRELESS VEHICLE CHARGING STATION" carried out by KUMARRAJA S (1AY21EE409), MANOJKUMAR V (1AY21EE414), PRASHANTH K (1AY21EE419), RAVIKUMAR B S (1AY21EE420), bonafide students at Acharya Institute of Technology, in partial fulfillment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2022-23. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

  
Signature of the Guide

(Dr. Kusumadevi G H)

  
Signature of the HOD

(Dr. R Prakash)

  
Signature of the Principal

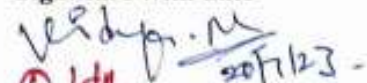
(Dr. Rajath Hegde, M.M)

ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 1

#### Name of the examiners

1. Dr. Vidya M
2. LAKSHMI KANTH REDDY

#### Signature with date

  
20/7/23 -



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(Affiliated to Visvesvaraya Technological University, Belgaum, Recognized by AICTE)

Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560 107

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Academic Year - 2022-23



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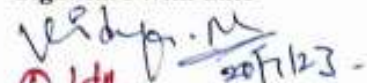
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year - 2022-23



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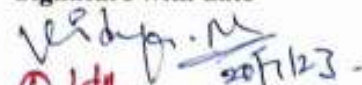
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ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 1

#### Name of the examiners

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year - 2022-23



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(Dr. R Prakash)

  
Signature of the Principal

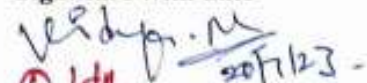
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#### Signature with date

  
20/7/23 -



**ACHARYA INSTITUTE OF TECHNOLOGY**

Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING.

**CERTIFICATE**

Certified that the Mini Project work entitled "**HAND GESTURE CONTROLLED ROBOT**" was carried out by **1. AKASH 2. PAVANKUMAR 3. SHIVAKUMARA P RAYABAG 4. SUHAAS P DABANAVAR** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (**18EEMP68**) prescribed for the Bachelor of Engineering Degree.


  
Signature of Guide

**Mr. MURALI KRISHNA**

Assistant professor

Dept of EEE, AIT

External Viva

  
Signature of HOD

**Professor & HOD**  
**Dr. PRAKASH R**  
Dept. of Electrical & Electronics Engineering,  
Prof and Head of Dept.,  
Acharya Institute of Technology,  
Dept. of EEE, AIT  
Soldevanahalli, Bangalore-560 107

  
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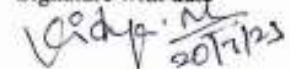
**Dr. RAJATH HEGDE M.M**

**Principal**  
**ACHARYA INSTITUTE OF TECHNOLOGY**  
Soldevanahalli Bangalore-560 107

Name of the examiners

1. **Dr. V. P. Dya. M**
- 2.

Signature with date

  
20/12/23

**ACHARYA INSTITUTE OF TECHNOLOGY**

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Signature of HOD

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Professor & HOD  
Dept of Electrical & Electronics Engineering,  
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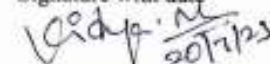
**Dr. RAJATH HEGDE M.M**

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Soldevanahalli Bangalore-560 107

Name of the examiners

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Bengaluru 560107

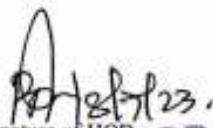
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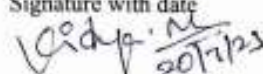
**Mr. MURALI KRISHNA**  
Assistant professor  
Dept of EEE, AIT  
External Viva

  
Signature of HOD  
**Dr. PRAKASH R**  
Professor & HOD  
Dept of Electrical & Electronics Engineering,  
Prof and Head of Dept,  
Acharya Institute of Technology,  
Soldevanahalli, Bengaluru-560 107

  
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**Dr. RAJATH HEGDE M.M**  
Principal  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

Name of the examiners

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**ACHARYA INSTITUTE OF TECHNOLOGY**

Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

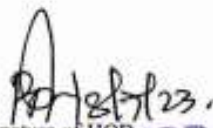
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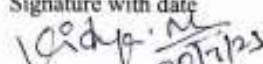
**Mr. MURALI KRISHNA**  
Assistant professor  
Dept of EEE, AIT  
External Viva

  
Signature of HOD  
**Dr. PRAKASH R**  
Professor & HOD  
Dept of Electrical & Electronics Engineering,  
Acharya Institute of Technology,  
Soldevanahalli, Bengaluru-560 107

  
Signature of Principal  
**Dr. RAJATH HEGDE M.M**  
Principal  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli, Bengaluru-560 107

Name of the examiners

1. Dr. Vrdya M
- 2.

Signature with date  
  
20/7/23

## Acharya Institute of Technology

(An Institute Affiliated to Visvesvaraya Technological University, Belgaum, Recognized by AICTE.)

Acharya Dr. Sarvepalli Radhakrishnan Road,  
Soldevanahalli, Bangalore-560107

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2022-23



#### CERTIFICATE

This is to Certify that the Mini Project work entitled "SMART CONTROL OF LIGHTS AND FAN LOADS USING ANDROID APP" carried out by **NAGESH (1AY21EE415)**, **SHARANABASAPPA (1AY21EE422)**, **SPOORTHY M R (1AY21EE424)**, **VARSHITHA K (1AY21EE431)** and bonafide students of Acharya Institute of Technology, in partial fulfilment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2022-23. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the completion of sixth semester.

  
SIGNATURE OF GUIDE

Mr. Murali Krishna K  
Assistant Professor

Dept. of Electrical and Electronics Engineering

  
SIGNATURE OF HOD

Dr. Prakash R  
Professor & Head of the Department

Dept. of Electrical and Electronics Engineering

  
SIGNATURE OF PRINCIPAL

Dr. Rajath Hegde M M

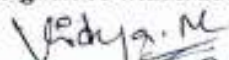
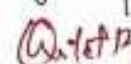
PRINCIPAL  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-56

#### External Viva

##### Name of the Examiners

- 1 Dr. Vidya M
- 2 LAKSHMI KANTH REDDY

##### Signature with Date

  
20/7/23  
  
20/7/23

## Acharya Institute of Technology

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SIGNATURE OF PRINCIPAL

Dr. Rajath Hegde M M

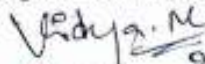

PRINCIPAL  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-56

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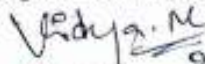

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Dr. Rajath Hegde M M

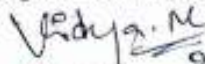

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ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-56

#### External Viva

##### Name of the Examiners

- 1 Dr. Vidya M
- 2 LAKSHMI LANTHA REDDY

##### Signature with Date

  
20/7/23  
  
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# ACHARYA INSTITUTE OF TECHNOLOGY


Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING.



## CERTIFICATE


Certified that the Mini Project work entitled "INTERLEAVED BOOST CONVERTER" was carried out by **1. CHETHAN S B (1AY21EE401)** 2. GAGAN N (1AY21EE404) 3. SUMIT (1AY21EE029) 4. YASHVANTH AJ (1AY21EE433) in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

  
Signature of Guide  
**Mr. NAGESH H**  
Asst Prof Dept of  
EEE, AIT

External Viva

Name of the Examiners

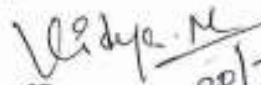
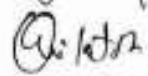
- 1) Dr. Vidya M
- 2) LAKSHMIKANTH REDDI

  
Signature of HOD  
**Dr. PRAKASH R**  
Prof and Head of Dept  
EEE, AIT

  
Signature of Principal  
**Dr. Rajath Hegde M M**  
Principal, AIT  
**PRINCIPAL**

ACHARYA INSTITUTE OF TECHNOLOGY  
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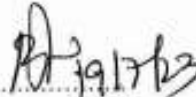
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Asst Prof Dept of  
EEE, AIT

External Viva

Name of the Examiners

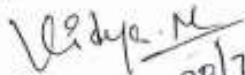
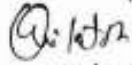
- 1) Dr. Vidya M
- 2) LAKSHMI KANTH REDDI

  
Signature of HOD  
**Dr. PRAKASH R**  
Prof and Head of Dept  
EEE, AIT

  
Signature of Principal  
**Dr. Rajath Hegde M M**  
Principal, AIT  
PRINCIPAL

ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560107

Signature with Date

  
20/7/23  
  
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**ACHARYA INSTITUTE OF TECHNOLOGY**  
Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road  
Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING.



**CERTIFICATE**

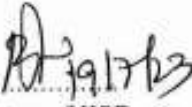
Certified that the Mini Project work entitled "INTERLEAVED BOOST CONVERTER" was carried out by 1. CHETHAN S B (IAY21EE401) 2. GAGAN N (IAY21EE404) 3. SUMIT (IAY21EE029) 4. YASHVANTH AJ (IAY21EE433) in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

  
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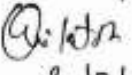
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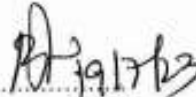
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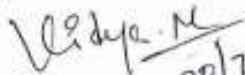
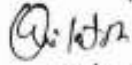
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Acharya Dr. Sarvepalli Radhakrishnan Road,  
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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year – 2022-23



CERTIFICATE

Certified that the Mini project work entitled "**IOT BASED TRANSMITTER AND RECIEVER DRONE**" carried out by **Abha Sharma (1AY20EE001)**, **Antas Ankit Singh (1AY20EE008)**, **Anusha R (1AY20EE009)**, **Ashritha A Shetty (1AY20EE010)** and bonafide students of Acharya Institute of Technology, in partial fulfillment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-23. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the completion of sixth semester.

Signature of the Guide  
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Signature of the Hod  
(Dr. R. Prakash)

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ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli Bangalore-560 107

Name of the examiners

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Academic Year 2022-2023



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Name of the examiners

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2. Swetha. G.

Signature of the HOD

**Professor & HOD**

(Dr. R. Prakash)  
Dept. of Electrical & Electronics Engineering,  
Acharya Institute of Technology,  
Soldevanahalli, Bangalore-560 107

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Signature of the Principal

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(Dr. Rajat Hedge M M)  
ACHARYA INSTITUTE OF TECHNOLOGY  
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Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bangalore-560 107  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



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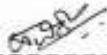
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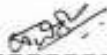
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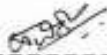
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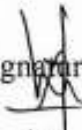

  
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Academic Year 2022-23



#### CERTIFICATE

This is to Certify that the Mini Project work entitled "EMBEDDED BASED CUSTOMIZED WIRELESS MESSAGE CIRCULAR SYSTEM" carried out by HINDUSHREE A (1AY21EE407), RISHAB M NEELAGUND(1AY21EE421), SUDARSHAN N J(1AY21EE425), SUMEDHA RAGHAVENDRA JORAPURA(1AY21EE428) and bonafide students of Acharya Institute of Technology, in partial fulfilment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2022-23. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the completion of sixth semester.

  
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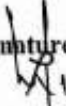

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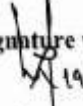

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2 Swetha. G.

Signature with Date

  
19/7/23  
  
19/7/23

## Acharya Institute of Technology

(An Institute Affiliated to Visvesvaraya Technological University, Belgaum, Recognized by AICTE.)

Acharya Dr. Sarvepalli Radhakrishnan Road,  
Soldevanahalli, Bangalore-560107

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2022-23



#### CERTIFICATE

This is to Certify that the Mini Project work entitled "**EMBEDDED BASED CUSTOMIZED WIRELESS MESSAGE CIRCULAR SYSTEM**" carried out by **HINDUSHREE A (1AY21EE407)**, **RISHAB M NEELAGUND(1AY21EE421)**, **SUDARSHAN N J(1AY21EE425)**, **SUMEDHA RAGHAVENDRA JORAPURA(1AY21EE428)** and bonafide students of Acharya Institute of Technology, in partial fulfilment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2022-23. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the completion of sixth semester.

  
18/7/23  
SIGNATURE OF GUIDE

Mr. Dayananda L. N  
Assistant Professor

Dept. of Electrical and Electronics Engineering

  
SIGNATURE OF HOD

Dr. Prakash R

Professor & Head of the Department

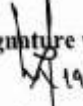

Dept. of Electrical and Electronics Engineering

  
PRINCIPAL  
ACHARYA INSTITUTE OF TECHNOLOGY  
Soldevanahalli, Bangalore-560107  
Dr. Rajam Hegde M

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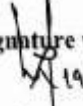

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Bangalore – 560 107  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**CERTIFICATE**

Certified that the Project work entitled “**IOT BASED IRRIGATION SYSTEM MONITORING**”, carried out by, **Mr. AKASH N (1AY20EE004)**, **Mr. AKKI KORESHA (1AY20EE005)**, **Mr. UDAY CHANDRA N C (1AY2EE029)**, **Mr. YASHWANTH T P (1AY20EE031)**, are bonafide students of Acharya Institute of Technology, in partial fulfillment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022-23. It is certified that all corrections/ suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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Prof. Karthik S  
(Project Guide)

  
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Dr. Prakash R  
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Professor & HOD  
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Dr. Rajath Hegde M M  
(Principal)

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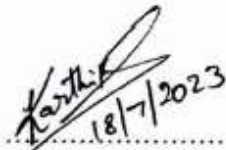
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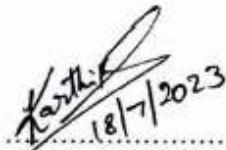


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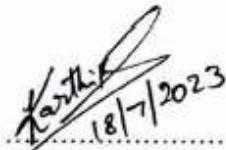
  
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Hesaraghatta Road, Dr. Sarvepalli Radhakrishnan Road

Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING.



## CERTIFICATE

Certified that the Mini Project work entitled "AUTOMATIC pH CONTROLLER" was carried out by **ABHISHEK AILI (1AY20EE002)** **BHARGAV S (1AY20EE012)** **HARSHITH M (1AY21EE405)** **PRAJWAL V M (1AY21EE417)** bonafide student of Acharya Institute of Technology, in partial fulfillment for the completion of sixth semester in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2022- 23. The mini project report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the completion of sixth semester.

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Assistant professor

Dept of EEE, AIT

Signature of HOD

**Dr. PRAKASH R**

Prof and Head Of Dept

Dept of EEE, AIT

**External Viva**

Signature of Principal

**Dr. RAJATH HEGDE. M.M**

Principal, AIT

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Soldevanahalli Bangalore-560 107

**Name of the Examiners**

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**Signature with Date**



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Soladevanahalli, Bengaluru 560107

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.

**CERTIFICATE**

Certified that the Mini Project work entitled “**POWER THEFT MONITORING SYSTEM**” is carried out by **AMAL BABU (1AY20EE006)**, **LAKSHMISHA S (1AY20EE015)**, **MOHAMED FAZIL V (1AY20EE017)**, **SHREYAS RE KR (1AY21EE423)** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (**18EEMP68**) prescribed for the Bachelor of Engineering Degree.

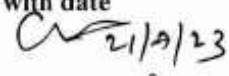
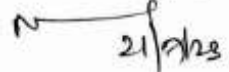
  
.....  
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Dept. of EEE, AIT

  
.....  
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Dept. of EEE, AIT

  
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Signature of Principal  
Dr. Rajath Hegde M M  
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Soldevanahalli Bangalore-560 107

**External Viva**

- Name of the Examiners**
1. Dr. HIRANMAVENDAR
  2. NAVEETHA

signature with date  
 21/9/23  
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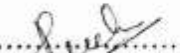
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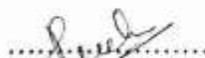
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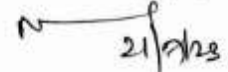
  
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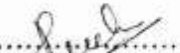
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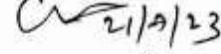
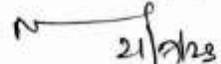
  
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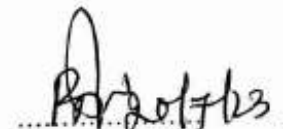
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.

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Certified that the Mini Project work titled "TRANSMISSION LINE FAULT DETECTION SYSTEM" is carried out by ANIK DATTA(1AY20EE032), BHARATH L (1AY21EE400), MADHU N(1AY21EE410), **VIJAYENDRA N (1AY21EE432)** in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

  
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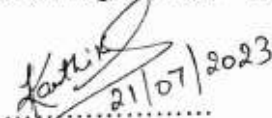
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Bengaluru 560107

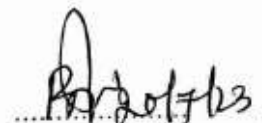
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.

**CERTIFICATE**

Certified that the Mini Project work titled "TRANSMISSION LINE FAULT DETECTION SYSTEM" is carried out by ANIK DATTA(1AY20EE032), BHARATH L (1AY21EE400), **MADHU N(1AY21EE410)**, VIJAYENDRA N (1AY21EE432) in the partial fulfillment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project Report has been approved as it satisfies the academic requirement in respect of Mini Project work (18EEMP68) prescribed for the Bachelor of Engineering Degree.

  
21/07/2023

Signature of Guide  
Mr. KARTHIK S  
Assistant Professor  
Dept. of EEE, AIT

  
21/7/23

Signature of HOD  
Dr. R PRAKASH  
Prof and Head  
Dept. of EEE, AIT

  
21/7/23

Signature of Principal  
Dr. Rajath Hegde M M

Principal AIT  
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Soladevanahalli, Bangalore-560 107

**External Viva****Name of the Examiners**

1. DR. RAHITHAVENDRA
2. NAUSHAH

signature with date

  
21/7/23  
  
21/7/23



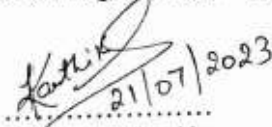
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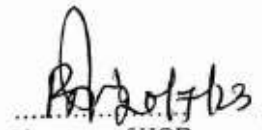
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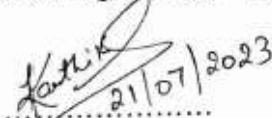
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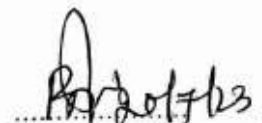
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