



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes

NAAC Criteria -1.3: Curriculum Enrichment

Project
work/Field
work/
Internships /
Project Based
Learning



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



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Internship



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

(A Govt. of Maharashtra undertaking)

CIN : U40109MH20055GC153645

Small Training Center, Ganeshkhind Urban Circle, Ground Floor, "Prakash Bhavan", S.B. Road,
Ganeshkhind, Pune-411016

Email: stcpunezone@gmail.com

Website: www.mahadiscom.in

DyEE/STC/ MoU / Trg

Date :-

To,
The Head Of Department
AISSMS College of Engineering
Pune – 411001.

Sub: Training to students under MoU Activity

Ref: Your letter dtd 30/11/2022.

With reference to the above letter, following students attended MSEDCL, Training Center Pune from dt.01.12.2022 to 31.01.2023 (with gap during exam period 06.01.23 to 20.01.23) and have completed training at Small Training Center, MSEDCL, Pune under MOU activity between MSEDCL and AISSMS COE PUNE.

1. Achal Tapre
2. Atharva Badhe
3. Dattaraj Bhoi
4. Ankita Kesarkar
5. Vaibhav More
6. Shreyas Pawar
7. Sakshi Thorat

During the training, following topics have been covered from academic point of view.

- Understanding of Power Sector Scenario(India and Maharashtra)
- Study of working of MSEDCL
- Study of MSEDCL facilities like Mobile App, CCCC,CFC, online services etc for the consumers.
- Study of Roof Top System
- Site visit to MSEDCL EV Charging Station
- Study of Electrical Safety for employees and consumers.
- Visit to MSEDCL Meter testing Lab, Shivajinagar.


Santosh Patani

Deputy Executive Engineer,

STC, MSEDCL PUNE

M.S.E.D.C.L., RPUC., Pune

Copy S.W.R.To

- The Chief General Manager (T&S), Eklahare, Nashik.
- The Chief Engineer, MSEDCL,Pune.
- The Superintending Engineer, Ganeshkhind Circle, Pune



A Associates

Dharmaraj chowk , Akurdi,

Pune

Certificate Of Internship

Name : Ugale Adinath Ganesh

Institution : AISSMS COLLEGE OF ENGINEERING

Branch : ELECTRICAL ENGINEERING

Period of Training : 4 WEEKS

Start : 19/12/2022

End : 04/02/2023

Leave Taken During Training : 00 DAYS

Off and Holidays : 4 DAYS0

Nature of Training : Designing of Electrical Systems, Estimation and costing, Installation, Supervising

Remarks-

He possesses Good moral Character and sound knowledge as an electrical engg. Student.

Thanks & regards

A Associate

08/02/2023

A ASSOCIATE

Proprietor

Date: 06 June 2023

Ref. No.: Bel-Int-2313

TO WHOMSOEVER IT MAY CONCERN

This is to certify that following group of students of AISSM's college of engineering, Pune have successfully completed the internship in the field of '**Benchmarking of E-Bike/Scooter Motor Specification**' from January 01, 2023 to January 30, 2023 under guidance of Mr. Prashant Vishwakarma.

- Keyur Shirule
- Mitesh More
- Niraj Deshmukh
- Piyush Ambhore

During the period of their internship program with us, they worked on and had been given exposure of to market intelligence and competition assessment, benchmarking for various EV components including Motor, Motor controller, Battery and BMS.

The group was found diligent, hardworking and inquisitive.

We wish them success in their future career.

For Belrise Industries,



Mr. Ashish Deshpande

Group CTO
Belrise Industries Ltd.
Pune, India



A Associates

Dharmaraj chowk , Akurdi,

Pune

Certificate Of Internship

Name : Ugale Adinath Ganesh

Institution : AISSMS COLLEGE OF ENGINEERING

Branch : ELECTRICAL ENGINEERING

Period of Training : 4 WEEKS

Start : 19/12/2022

End : 04/02/2023

Leave Taken During Training : 00 DAYS

Off and Holidays : 4 DAYS0

Nature of Training : Designing of Electrical Systems, Estimation and costing, Installation, Supervising

Remarks-

He possesses Good moral Character and sound knowledge as an electrical engg. Student.

Thanks & regards

A Associate

08/02/2023

A ASSOCIATE

Proprietor

CERTIFICATE

CENTRAL RAILWAY



Office of the,
Sr. Divisional Electrical Engineer
(Traction Rolling Stock)
Bhusawal.

No. BSL/TRS/BTC/06

Date: 31/12/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. ANIKET RANJAN SAHU** of 3RD Year **ELECTRICAL ENGINEERING OF AISSMS COLLEGE OF ENGINEERING, PUNE** has reported for the in-plant training programme in ELECTRIC LOCO SHED BHUSAWAL on dated **30/11/2022**.

He has completed the in-plant training in Electric Loco shed Bhusawal successfully from **Date 30/11/2022 TO 31/12/2022** and Submitted his project report in Electric Loco shed Bhusawal.

He has followed the rules and regulation of the Railway during his training.


(SAURABH GOYAL)

Divisional Electrical Engineer
Traction Rolling Stock, Bhusawal.
व. विजली इंजिनीअर, (फवस्टॉ)
फव्व रेल, भुसावल
Divl. Elect. Engineer (TRS)
C. Ry. Bhusawal



SNABCO INDUSTRIES

Manufacturer of Sheet Metal Press Parts | Fabrication & Tool Room Jobs | Electrical HT & LT Projects and Maintenance

S.No. 150, S/1078, MIDC Road, Morwadi, Mhada, Pimpri, Pune - 411 018.

Mob : +91 7770048777, +91 7770093777, Email : snabcoindustries@gmail.com

Date :

CERTIFICATE

This is to certify that **"SANJANA VIJAY LOKHANDE"**

Student of Bachelor of Electrical Engineering of ALL INDIA Shri Shivaji Memorial Society College Of Engineering Pune - 411001. Has completed Industrial Training Successfully Dated from 01/12/2022 to 30/12/2022 during academic year 2022 – 2023 as partial fulfilment of their course

Place – Pune

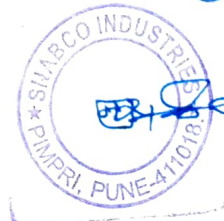
Regards,

Mr. S.N Bansode

Supervisor, SNABCO

Industries, Pune.

S.N. Bansode
(Proprietor)



BHARAT WIRE ROPES LTD.

Registered Office & Factory: Plot No.4, MIDC, Chalisgaon Industrial Area, Village - Khadki, Taluka - Chalisgaon,
District - Jalgaon - 424101, Maharashtra, India



This is to certify that **Mr. Diptesh Sudhir Baviskar**. A student of Electrical engineering Department has successfully completed, Internship From 2nd December 2022 to 2nd January 2023 at our firm.

During the period of his internship with us, he has Worked Troubleshooting Grease Heater Electrical Maintenance, Chalisgaon.

He was found punctual, hardworking and inquisitive

We wish him every success in life.

Date: 03/01/2023

Place: Chalisgaon



Lloyd's
Register



Corporate Office: A - 701, Trade World Building, Kamala Mills Compound, SB Marg, Lower Parel (W), Mumbai - 400013,
Maharashtra, India. Tel: +91 22 66824600

• Website: www.bharatwireropes.com • E-mail: mtccg@bharatwireropes.com • CIN : L27200MH1986PLC04046



Sakshi

Electricals & Electronics

Ref No. SEE/22-23/46

Date: - Jan 2nd 2023

To,

The Head Of Department,
AISSMS College of Engineering,
Pune-411001

Subject: - Internship Certificate.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Sanika Dinesh Mohite was doing internship with "Sakshi Electricals & Electronics Services" Pune w.e.f. 02/12/2022 to 30/12/2022, she has completed her one month's internship under Mr. Sunil Pisal. She was found sincere hardworking and active at all levels of profession. We wish her all the best for her future endeavours.

With Regards,

For Sakshi Electricals & Electronics.





Sakshi

Electricals & Electronics

Ref No. SEE/22-23/46

Date: - Jan 2nd 2023

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The Head Of Department,
AISSMS College of Engineering,
Pune-411001

Subject: - Internship Certificate.

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With Regards,

For Sakshi Electricals & Electronics.



Date: 06 June 2023

Ref. No.: Bel-Int-2313

TO WHOMSOEVER IT MAY CONCERN

This is to certify that following group of students of AISSM's college of engineering, Pune have successfully completed the internship in the field of '**Benchmarking of E-Bike/Scooter Motor Specification**' from January 01, 2023 to January 30, 2023 under guidance of Mr. Prashant Vishwakarma.

- Keyur Shirule
- Mitesh More
- Niraj Deshmukh
- Piyush Ambhore

During the period of their internship program with us, they worked on and had been given exposure of to market intelligence and competition assessment, benchmarking for various EV components including Motor, Motor controller, Battery and BMS.

The group was found diligent, hardworking and inquisitive.

We wish them success in their future career.

For Belrise Industries,



Mr. Ashish Deshpande

Group CTO
Belrise Industries Ltd.
Pune, India

Date: 06 June 2023

Ref. No.: Bel-Int-2313

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Mr. Ashish Deshpande

Group CTO
Belrise Industries Ltd.
Pune, India

Date: 06 June 2023

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For Belrise Industries,



Mr. Ashish Deshpande

Group CTO
Belrise Industries Ltd.
Pune, India

CERTIFICATE OF INTERNSHIP



SPECIALITIES :

- L.T./H.T. (Upto 33kv) Underground Cable Fault Location.
- High Voltage Pressure Testing of Power Cables
- Cable Rout Test/ Identification
- Supply and Installation of All Types of Joint Kits

**POWER
CABLE SOLUTIONS**

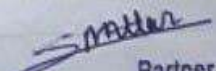
LICENCED ELECTRICAL CONTRACTOR M.C. No.27528

Experience certificate

This is to certify that, Mr. Shivam Vinayak Sawant, a student of "Electrical Engineering" from AISSMS College of Engineering, 1 Kennedy Road, Near R.T.O., Pune, Maharashtra has completed his training at Power cable solutions, Pisoli Pune from 05.12.2022 to 31.12.2022. During the training period his code and conduct were good.

We wish him all the best for his better future.

For POWER CABLE SOLUTIONS


Partner

BHARAT WIRE ROPES LTD.

Registered Office & Factory: Plot No.4, MIDC, Chalisgaon Industrial Area, Village - Khadki, Taluka - Chalisgaon,
District - Jalgaon - 424101, Maharashtra, India



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Date: 03/01/2023

Place: Chalisgaon



Lloyd's
Register



Corporate Office: A - 701, Trade World Building, Kamala Mills Compound, SB Marg, Lower Parel (W), Mumbai - 400013,
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• Website: www.bharatwireropes.com • E-mail: mtccg@bharatwireropes.com • CIN : L27200MH1986PLC04046



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED
(A Govt. of Maharashtra undertaking)
CIN : U40109MH20055GC153645

Small Training Center, Ganeshkhind Urban Circle, Ground Floor, "Prakash Bhavan", S.B. Road,
Ganeshkhind, Pune-411016

Email: stcpunezone@gmail.com

Website: www.mahadiscom.in

DyEE/STC/ MoU / Trg

Date :- 21/02/23

To,
The Head Of Department
AISSMS College of Engineering
Pune – 411001.

Sub: Training to students under MoU Activity


Ref: Your letter dtd 30/11/2022.

With reference to the above letter, following students attended MSEDCL, Training Center Pune from dt.01.12.2022 to 31.01.2023 (with gap during exam period 06.01.23 to 20.01.23) and have completed training at Small Training Center, MSEDCL, Pune under MOU activity between MSEDCL and AISSMS COE PUNE.

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7. Sakshi Thorat

During the training, following topics have been covered from academic point of view.

- Understanding of Power Sector Scenario(India and Maharashtra)
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- Study of MSEDCL facilities like Mobile App, CCCC,CFC, online services etc for the consumers.
- Study of Roof Top System
- Site visit to MSEDCL EV Charging Station
- Study of Electrical Safety for employees and consumers.
- Visit to MSEDCL Meter testing Lab, Shivajinagar.


Santosh Patani
Deputy Executive Engineer,
STC, MSEDCL PUNE
Dy. Executive Engineer
M.S.E.D.C.L., RPUC., Pune

Copy S.W.R.To

- The Chief General Manager (T&S), Eklahare, Nashik.
- The Chief Engineer, MSEDCL, Pune.
- The Superintending Engineer, Ganeshkhind Circle, Pune



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Santosh Patani

Deputy Executive Engineer,

STC, MSEDCL PUNE

M.S.E.D.C.L., RPUC., Pune

Copy S.W.R.To

- The Chief General Manager (T&S), Eklahare, Nashik.
- The Chief Engineer, MSEDCL,Pune.
- The Superintending Engineer, Ganeshkhind Circle, Pune



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ज्ञानम् सकलजनहिताय



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BE Project

Group No: 21

Title of Project: Smart Phone Operated Multi-Purpose Agricultural Robot

Name of Student	Roll No.	Exam No.	Mobile No.	T.E. Result	Placement Status
Kirwale Saourabh Babasaheb	18EL023	T190212553	8070727272	7.54	Not Placed
Kalyankar Abhishek Vitthalrao	18EL020	T190212549	7219474724	7.92	Placed
Chavan Manav Santosh	18EL011	T190212513	7218195580	7.48	Placed
Ingale Girish Sampatrao	19EL014	T190212524	7378715513	7.52	Not Placed

In-house/Sponsored:

Sponsoring Authority: BitMap Technologies Pvt. Ltd, Pune

Mr . Vinod Thete

Type of sponsorship: Technical Sponsorship

Internal Guide: Prof. V.N. Tarange

External Guide:

2

Head
Department of Electrical Engineering
AISSMS College of Engineering, Pune



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi, Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled
“Performance improvement of distribution network by using DSTATCOM”,
submitted by

Utkarsha Chavan (Regd. No.: B190212514)

Nilesh Ghuge (Regd. No.: B190212521)

Mahammadsakib Sayyad (Regd. No.: B190212570)

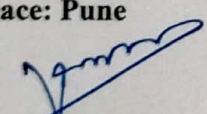
Kedar Urane (Regd. No.: B190212580)


for the award of the degree of **BE Electrical** to SPPU, is a record of bonafide work carried
out by her under my direct supervision and guidance.


I considered that the thesis has reached the standards and fulfilling the
requirements of the rules and regulations relating to the nature of the degree. The contents
embodied in the thesis have not been submitted for the award of any other degree or
diploma in this or any other university.

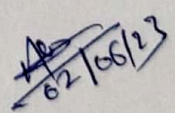
Date: 21/6/2023

Place: Pune


Name & Signature of
Project Guide


Name & Signature of
Project Coordinator


Name & Signature of
Head of Department


Name & Signature of
External Examiner



ACKNOWLEDGEMENT

AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



CERTIFICATE

This is to certify that the work contained in the project Report entitled "PLC BASED COUNTING AND PACKAGING SYSTEM" is a bonafide work submitted by **SARVESH PRAVIN BHUSARI** Seat no. **B190212507** for the award of Degree of Bachelor of Engineering in "ELECTRICAL ENGINEERING" from Savitribai Phule University, Pune during the academic year 2022-23 carried out the project work under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

DATE: 02/06/2023

PLACE: PUNE

Prof. A A Apte

Project Guide

Electrical Engineering

External Examiner

Dr. A A Godbole

Head of department



AISSMS

COLLEGE OF ENGINEERING

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Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled
“Design And Building Prototype Model To Demonstrate Underwater Communication
Using Li-Fi Technology ”, submitted by Om Vinod Deshmukh (72020948L), Aditya
Sharad Wabale (72021395K), Soumit Debbarma (72021346M), Rushikesh Sanjay Doke
(72020970G) for the award of the degree of **Electrical Engineering** to SPPU, is a record of
bonafide work carried out by him under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of
the rules and regulations relating to the nature of the degree. The contents embodied in the thesis
have not been submitted for the award of any other degree or diploma in this or any other
university.

Date: 02 June 2023

Place: Pune

Dr. S.K. Biradar
(Project Guide)

Dr. Ashwini Godbole
(Head of Department)

Prof. V.N. Tarange
(Project Coordinator)

Dr. Sunil Braikwael
(External Examiner)



AISSMS

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and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report entitled “**Benchmarking of PMSM Motor with SRM Motor**”, submitted by

Bhosale Madhavi L.	(B190212506)
Chandgude Shreeyash S.	(B190212510)
Dhok Payal D.	(B190212501)
Mali Pranali B.	(B190212544)

for the award of the degree of **BE Electrical** to SPPU, is a record of bonafide work carried out by him/her under my direct supervision and guidance.

I considered that the project report has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project report have not been submitted for the award of any other degree or diploma in this or any other university.

Date: 02/06/2023

Place: Pune

Prof. S. S. Mujawar
Project Guide

Prof. A. G. Godbole
Head of Department

Prof. V. N. Tarange
Project Coordinator

External Examiner

Chinmay Deshpande



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and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report entitled “**Motor Drive Protection & Data Logging using IOT**” submitted by,

Abhijeet Khulesh Shinde[72162186E]

Suraj Dattaprasad Zanwar[72162189K]

Sameer Ravindra Shinde[72162187C]

for the award of the degree of BE Electrical to SPPU, is a record of bonafide work carried out by him under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in this have not been submitted for the award of any other degree or diploma in this or anyother university.

Date: 02/06/2023

Place: Pune

Name & Signature of

Prof. S.S. Mujawar.

Name & Signature of

Prof. A. A. Godbole

Name & Signature of

Prof. V.N.Tarange.

Name & Signature of 2/6/23

External Examiner

Chinmay Deshpande



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and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled
"Design of an Electric Two wheeler", submitted by

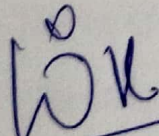
Jagadale Neha Vijay	B190212526
Lokhande Sakshi Ganesh	B190212540
Limaye Vaishnav Vinayak	B190212539
Pakhare Mangesh Balasaheb	B190212555

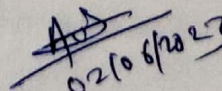
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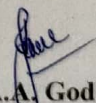
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university.

Date: 02/06/2023

Place: Pune


Mrs. P.K. Sankala
Project Guide
02/06/2023


External Examiner
02/06/2023


Dr. A.A. Godbole
Head of Department



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CERTIFICATE

This is to certify that the work contained in the project Report entitled "Multistage variable DC to AC inverter with VVVF drive for 120% overload capacity for goods carrier electric vehicle." submitted by

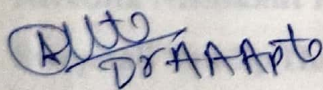
Name of the student	Exam Seat No.
Swapnali Sandip Holmukhe	72162178D
Nivedita Nishikant Kulkarni	72162180F
Ritika Nitin Patil	72162182B
Sakshi Ramdas Pattewar	72162183L

for the award of Degree of Bachelor of Engineering in "ELECTRICAL ENGINEERING" to Savitribai Phule University, Pune is a record of bonafide work carried out by them under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.


Date: 02/06/23

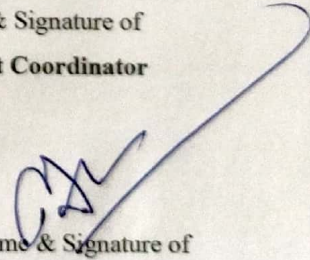
Place: Pune


Name & Signature of
Project Guide

Sakshi Ramdas Pattewar


Name & Signature of
Head of Department


Name & Signature of
Project Coordinator


Name & Signature of
External Examiner

AISSMS COE Pune BE (Electrical)



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CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled "Prototype of Adaptive Headlight System for cars", submitted by

NAIK RITESH PRAVIN	19EL037
NIRALI SAMARTH ANIL	19EL039
PATIL PRASAD PRAVIN	19EL041
SURYAWANSHI HITESH RAJESH	19EL054

for the award of the degree of "ELECTRICAL ENGINEERING" to SPPU, is a record of bonafide work carried out by him/her under my direct supervision and v guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

Date:

Place:

Prof. S. K. Biradar
Name & Signature of
Project Guide

Dr. A. A. Godbole
Name & Signature of
Head of Department

Prof. V.N. Tarange
Name & Signature of
Project Coordinator

Dr. Sonil Godbole
Name & Signature of
External Examiner



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CERTIFICATE

This is to certify that the project work entitled “**Third Eye For Blind**” is a bonafide work carried out by

Harshwardhan Chavan 72020919G

Mahesh Karhe 72021077B

Ansarali Nadaf 72021180J

Ankit Gulumkar 72021016L

A.Y. 2022-23

in partial fulfillment for the award of Degree of Bachelor of Engineering in “**ELECTRICAL ENGINEERING**” from Savitribai Phule Pune University, Pune during the academic year 2022-2023 who carried out the project work under my guidance. I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree.

Date:

Place: PUNE

Prof. R.S. Shinde
Project Guide

Dr. A.A. Godbole
Head of Department

Prof. V.N. Tarange
Project Coordinator

External Examiner



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CERTIFICATE

This is to certify that the work contained in the project “**Benchmarking and Energy Performance Analysis of a Commercial Building**”, submitted by

Maithili Balkawade

B190212504

Ameya Kulkarni

B190212536

Gauri Khapre

B190212533

Rushikesh Kajale

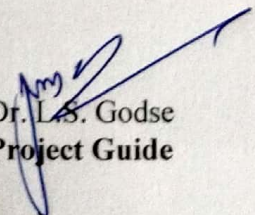
B190212529

for the award of the degree of Bachelor of Engineering in Electrical Engineering to SPPU, is a record of bonafide work carried out by him/her under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

Date:

Place:


Dr. L.S. Godse
Project Guide


External Examiner



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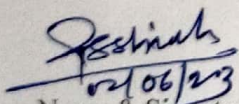
CERTIFICATE


This is to certify that the work contained in the project Report/ Dissertation entitled "Automatic Phase Selector System for Three Phase Supply", submitted by **Shruti Surajbansi** (Regd. No.: 72021349F) **Shreya Waghmare** (Regd. No.: 72021334H) **Neelansh Bhambhani** (Regd. No.: 72021191D) **Pratik Ingle** (Regd. No.: 72021029B) for the award of the degree of **Bachelor of Engineering** to SPPU, is a record of bonafide work carried out by him/her under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

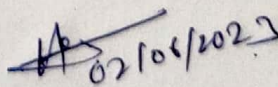
Date: 02/05/2023

Place: Aissms College of Engineering Pune


02/06/23
Name & Signature of
Project Guide


Name & Signature of
Head of Department


Name & Signature of
Project Coordinator


02/06/2023
Name & Signature of
External Examiner



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CERTIFICATE

This is to certify that the work contained in the project report entitled "Automatic Fire Detection and Extinguishing System" submitted by

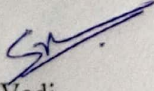
Bansode Susmita Pandurang	B190212505
Borse Sanket Somnath	B190212509
Ghodake Sumit Suhas	B190212520
Lahamge Sidharth Deepak	B190212538


for the award of the degree of Bachelor of Engineering in Electrical Engineering to SPPU, is a record of bonafide work carried out by him under my direct supervision and guidance.


I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

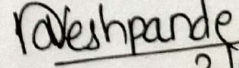
Date: 02-06-2023

Place: Pune


Prof. S. Vadi
Project Guide


Dr. A. A. Godbole
Head of Department


Prof. V. N. Tarange
Project Coordinator


2/6/23
External Examiner
Chinmay Deshpande

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COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING



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CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled
"Implementation and Validation of Continuously Variable Transmission for Electric
ATV", submitted by

Aniket Ramchandra Kinkar

B190212533

Kunal Rajendra More

B190212549

Manjit Manish More

B190212550

Arjun Prakash Taur

B190212579

for the award of the degree of Bachelor of Engineering in "ELECTRICAL
ENGINEERING to SPPU, is a record of bonafide work carried out by him/her under my direct
supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements
of the rules and regulations relating to the nature of the degree. The contents embodied in the
thesis have not been submitted for the award of any other degree or diploma in this or any other
university.

Date:

Place:

Name & Signature of
Project Guide

Name & Signature of
Head of Department

Name & Signature of
Project Coordinator

Name & Signature of
External Examiner



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CERTIFICATE

This is to certify that the work contained in the project Report entitled “**MACHINE VISION BASED INTELLIGENT QUALITY CHECK OF SOYABEAN**”, submitted by **Sarvesh Bodhe, Laxmi Chaudhari, Sharwari Maske, Chirag Shah** for the award of the degree of **Bachelors of Engineering – Electrical Engineering** to SPPU, is a record of bonafide work carried out by them under my direct supervision and guidance.

I considered that the report has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the report have not been submitted for the award of any other degree or diploma in this or any other university.

Date:

Place:

Name & Signature of
Project Guide

Name & Signature of
Project Coordinator

Name & Signature of
Head of Department

2/6/23

Name & Signature of
External Examiner

Chinmay Deshpande



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CERTIFICATE

This is to certify that the work contained in the project report entitled "IoT Based Face Mask Detection and Body Temperature Sensing" submitted by

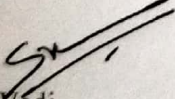
Mali Tushar Bhausaheb	B190212545
Patil Rohit Tatyasaheb	B190212558
Rupanawar Kiran Ravsaheb	B190212569
Vairagal Akshay Narsing	B190212581

for the award of the degree of Bachelor of Engineering in Electrical Engineering to SPPU, is a record of bonafide work carried out by him under my direct supervision and guidance.


I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

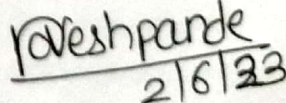
Date: 02/06/23

Place: Pune


Prof. S. Vadi
Project Guide


Prof. V. N. Tarange
Project Coordinator


Dr. A. A. Godbole
Head of Department


2/6/23
External Examiner
Chinmay Deshpande



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Accredited by NAAC with 'A+' Grade



CERTIFICATE

This is to certify that the work contained in the project Report/ Dissertation entitled "Implementation of servo motor-based motion control system in case of sun tracking for prototype solar panel system", submitted by Viraj Ravikiran Patil (Regd. No.: 72021232E), Yash Bhausahab Patil (Regd. No.: 72021233C), Praphul Yadav (Regd. No.: 72021259G), Prathamesh Sampgaonkar (Regd. No.: 72021260L) for the award of the degree of **Electrical Engineering** to SPPU, is a record of bonafide work carried out by him/her under my direct supervision and guidance.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university.

Date : 02/06/2023

Place: Pune

Prof. S.M Chaudhari
Project Guide

Dr. Sunil Godbole
External Examiner

Dr. A.A. Godbole
Head of Department



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Project Based Learning (PBL)



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Department of Electrical Engineering

CERTIFICATE

This is to certify that Mr/Ms. Aarya Deolikar, Pooja Ghatge, Prasad Gadhekar, Chaitanya Patil of Branch Electrical has successfully completed the activity under Project Based Learning on topic Project /Case Study entitled "**EYE BLINK**" under my supervision, in the partial fulfillment of Second Year Bachelor of Engineering (2019 Course) of Savitribai Phule University of Pune.

Date: 02/06/2023

Place: Pune

Mr. R.S SHINDE

Guide

Dr. A.A GODBOLE

Head of Department