



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Summary Sheet Of Project Based Learning Activity AY-2023-24

Roll No.	Name Of Student	Group No.	Name Of Guide	Title of PBL
S411015	Rohit Chavan	G1	Prof. B. G. Sherkhane	Trainer Kit of Comparator
S411036	Yuvraj Gore			
S411037	Saurav Hajban			
S411043	Shubham Jagtap			
S411003	Srushti Bathe	G2	Dr Mahadev G Unde	Clapping switch circuit
S411010	Anjelo Chalurkar			
S411023	Gargi Dharak			
S411005	Harsh Binsale			
S411029	Ishwari Gade	G3	Prof. J. A. Gurav	DVM
S411044	Paras Kadam			
S411032	Omkar Ghodke			
S411047	Satyam kale			
S411038	Nupur Haldankar	G4	Prof. Chaitanya V. Deshpande	Safety Door System
S411041	Ninad Jadhav			
S411055	Pranav Katu			
S411067	Devika Kodgale			
S411008	Shruti Borkar	G5	Prof. A. A. Sudke	Currancy counter machine & detection, 2. Fire Alarm Detector
S411026	Tejal Dorage			
S411049	Anushka kalyanshetty			



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S411041	Sakshi Divekar			
S411051	srushti karde			
S411030	Vidyasagar gadge	G6	Prof.Nancy Kumari	Water Level indicator
S411020	Shubham Dawre			
S411024	Ajay Digole.			
S411027	Vinod Dukare			
S411004	Jayesh Bhise			
S411007	Shubham Boga	G7	Prof. Pavan Bhujbale	Auromatic Fire Extinguisher
S411017	Prashant Dalave			
S411019	Prathamesh Darwatkar			
S411035	GORDE TUSHAR RAJENDRA			
S411045	KAKADE VIRAJ SHASHIKANT	G8	Prof.R.J. Patil	home automation
S411011	CHATE SUMUKH BHIMRAO			
S411052	KARDILE VISHAL ASHOK			
S411070	PRASAD KUBAL			
S411062	NISHID KHODE	G9	Dr. D. K. Rai	Simple Voltage Regulator
S411040	MANSI JADHAV			
S411018	Akanksha Darade			
S411021	DESALE ASHWINI GAVARLAL	G10	Prof. Bhanupratap Singh	Accurate Room Temperature



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S411028	GADADE SANIKA RAJABHAU			Controller
S411009	BORLE SAKSHI SANJAY			
S411006	BODKHE SAKSHI MITHU			
S411058	KHARAT GARGI ANAND			
S411061	KHAMKA SWAPAJA			
S411002	KIRANRAJ ATHAVANE	G11	Prof. M. B. Qureshi	Energy generator
S411060	KHEDKAR SHWETA RAJENDRA			
S411059	KHARATE SAHIL SANTOSH			
S411064	KHOT GANESH SAMPATRAO	G12	Prof. Narendra Neginhal	DC Motor Speed Controller
S411066	KHUDE GAURI GANESH			
S411069	KOLI YASH RAJESH			

[Signature]
PBL Co-ordinator

for *[Signature]*
10/5/24
H.O.D

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the ^{PBL report}~~seminar report~~ entitled "LASER SECURITY SYSTEM" submitted by Mr. Rohit Chavan , Yuvraj Gore , Saurrav Hajban , Shubham Jagtap is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 30/04/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe. Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Clapping Switch Circuit"
submitted by

Srushti Bathe , S190532511

Harsh Binsale , S190532519

Anjelo Chalurkar , S190532525

Gargi Dharak , S190532542

is the bonafide record of work done by herunder my supervision, in
partial fulfillment of the requirement for graduate degree course in Electrical
Engineering from Zeal College of Engineering & Research, Narhe, Pune for
the academic year of ~~2020-21~~.


Dr. Mahadev Unde

Guide

Electrical Engineering


PBL Coordinator

Electrical Engineering


Head of Department

Electrical Engineering

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Digital Voltmeter" submitted by Miss. Ishwari Gade, Mr. Paras Kadam, Mr. Satyam kale and Mr. Omkar Ghodake is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

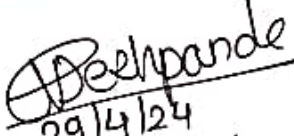
DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE


This is to certify that the seminar report entitled "Password based smart door locking system" submitted by Ninad Jadhav, Pranav Katu, Devika Kodgale, Nupur Haldankar are the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


29/4/24
Chaitanya Deshpande
Guide

Electrical Engineering
Z.E.S. ZCOER, Pune


PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune


Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL

ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Fire Detection Alarm" Submitted by Miss. Shruti Borkar, Sakshi Divekar, Tejal Dorage, Anushka Kalyanshetty, Srushti Karde is the bonafide record of work done by him/her under my supervision, in partial fulfilment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2020-21.

Guide

Electrical Engineering

Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering

Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering

Z.E.S. ZCOER, Pune

Place: Pune

Date: 29/4/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Water level controller" submitted by Mr. Shubham Dawre, Mr. Ajay Digole, Mr. Vinod Dukare, Mr. Vidyasagar Gadge is the bonafide record of work done by him under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2020-21. 2023-24

Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

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Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe. Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Simple Voltage Regulator" submitted by Miss .Darade Akanksha, Miss .Jadhav Mansi, Mr.Khode Nishid Mr.Kubal Prasad is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2020-21.

Guide
Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

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Zeal College of Engineering & Research, Pune

Narhe, Pune – 411041

CERTIFICATE

This is to certify that the project entitled

"Temperature And Humidity Monitor Using ESP32 And Blynk IOT"

Submitted By

Ashwini Desale (S411021) Sakshi Borle (S411009)

Sakshi Bodkhe (S411006) Sanika Gadade (S411028)

is a bonafide work carried out by above students under the supervision of Prof. Bhanu Pratap Singh and it is submitted towards the partial fulfillment for the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for The academic year of 2023-24

Prof. Bhanu Pratap Singh
Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator
Prof. Snehal Dharme
Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department
Prof. Ashish A. Malgave
Electrical Engineering
Z.E.S. ZCOER, Pune

Date: 29/04/2024

Place: Pune

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the PBL report entitled "FREE ENERGY GENERATION" submitted by Kiranraj Athavane, Swapnaja Khemkar, Gargi Kharat, Shweta Khedkar is the bonafide record of work done by him/her under my supervision, in partial fulfillment of requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Guide

Prof. M.B. Qureshi
Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator
Prof. Snehal Dharm
Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department
Prof. A.A. Malgave
Electrical Engineering
Z.E.S. ZCOER, Pune

Date: Place

:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the PBL Review entitled “**DC MOTOR SPEED CONTROLLER**” submitted by **All Group Members** is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

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Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:



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NARHE | PUNE -41 | INDIA**



Summary Sheet Of Project Based Learning Activity AY-2023-24

Roll No.	Name Of Student	Group No.	Name Of Guide	Title of PBL
S412073	Amit s phalatankar	G1	Prof. Narendra Neginhal	Solar Tracking Device
S412070	Pallavi r patil			
S412058	Aniket N. Dhotre			
S412056	Hemant p Anarase			
S412080	Vrushavardhan P Wadagavi	G2	Prof. Chaitanya V. Deshpande	Smart Parking System
S412079	Ritesh A Todkari			
S412067	Rohan R Mali			
S412064	Pratiksha V Katkar			
S412055	Neha Wakode	G3	Prof.S.D.Dharme	Street light control using LDR
S412060	Geetanjali heshagol			
S412059	Pranjali herlekar			
S412057	omkar bahirat			
S412069	Priyanka Narwade	G4	Prof.Nancy Kumari	PIR Motion Sensor
S412051	Manoj Jawalge			
S412077	Vedant Tekale			
S412065	Ankur Kshirsagar			
S412075	Rohan Sarde	G5	Prof. Pavan Bhujbale	AC Voltage protection and monitoring using Arduino
S412063	Swanand Kamtekar			
S412061	Soham Jangam ,			
S412066	Pradip Lataye			
S412052	Raj Khandalt	G6	Prof.R.J. Patil	Fingerprint



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S412054	Ayush Thorat			attendance using IOT.
S412053	Kunal Pawar			
S412068	Himanshu M.			
S412071	Pawar Shreya	G7	Dr. D. K. Rai	Smart Cooler
S412072	Pawar Snehal			
S412050	Diggekar Shreya			
S412074	SANSKRUTI SATISH LONARE			
S412015	Ajay pasalkar	G8	Prof. B. G. Sherkhane	Smart Irrigation System Using Arduino
S412014	Ashwini Nirmal			
S412023	Pradnya Poman			
S412004	sudeep mohod			
S412003	Ayush Matkar	G9	Prof. J. A. Gurav	Fault Detection in Transmission Line
S412016	Darshan Patil			
S412024	Vaishnav Pustode			
S412049	Swaroop Yadav.			
S412033	Dipali Balu Shinde	G10	Prof. A. A. Sudke	Automatic tap water
S412012	Raksha Kantaram Narhe			
S412046	Atharva veer			
S412001	KUMBHAR SHRUTI RAJU			
S412025	Shravani Rajpure	G11	Prof. Bhanupratap Singh	Smart blind stick
S412039	Sayali Soundale			
S412028	Vishal Sabasgi			
S412044	Pooja Thakur			
S412022	Rohit Pingale	G12		
S412042	Rushikesh Suryawanshi			



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S412043	Roshan Takawale		Prof. M. B. Qureshi	Smoke detector
S412035	Tejas Shinde			
S412017	Prapti Patil			
S412018	Harshada Pawar	G13	Prof.S.D.Dharme	Tesla coil
S412027	Rutuja Raut			
S412008	Naik Kavya			
S412006	MORE SUJAY SANTOSH	G14	Prof. Pavan Bhujbale	Application of IOT sensors In EVs
S412021	PHATE BHUSHAN SURESH			
S412030	SAMLETI SAYALI DEVIDAS			
S412034	SHINDE KRUTIKA SHRIKANT			
S412032	PRATIKSHA RAMCHANDRA SHELKE			

for
PBL Co-ordinator

for
10/5/24
H.O.D

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering and Research, Pune

Narhe, Pune – 411041

CERTIFICATE

This is to certify that the project entitled

"Smart Parking System"

Submitted By

Todkari Ritesh (S412079)

Wadagavi Vrushavardhan (S412080)

Katkar Pratiksha (S412064)

Mali Rohan (S412067)

is a bonafide work carried out by above students under the supervision of Prof. Chaitanya V Deshpande and it is submitted towards the partial fulfillment for the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for The academic year of 2023-24

Guide

Prof. Chaitanya Deshpande
Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator

Prof. Snehal Dharme
Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Prof. Ashish A. Malgave
Electrical Engineering
Z.E.S. ZCOER, Pune

Date: / / 2024

Place: Pune



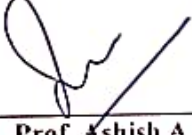
DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe. Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "AUTOMATIC STREET LIGHT USING SOLAR PANEL." submitted by Miss. Geetanjali Heshagol, Pranjali Herlekar, Neha Wakode, Omkar Bahirat are the bonafide record of work done by her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

 Prof. Snehal Dharme	 Prof. Snehal Dharme	 Prof. Ashish A Malgave
Guide	PBL Coordinator	Head of Department
Electrical Engineering	Electrical Engineering	Electrical Engineering
Z.E.S. ZCOER, Pune	Z.E.S. ZCOER, Pune	Z.E.S. ZCOER, Pune

Place: Pune

Date: 30-4-24

**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH,
NARHE, PUNE-411041
Academic Year: 2023-2024**

DEPARTMENT OF ELECTRICAL ENGINEERING



**Zeal College of Engineering & Research, Pune
Narhe, Pune-411041**

CERTIFICATE

This is to certify that the seminar report entitled "AC Voltage Protection And Monitoring System Using Arduino" submitted by Mr. Soham Jangam Mr. Swanand Kamtekar Mr. Pradip Lataye Mr. Rohan Sarde is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Guide

Prof. Pavan Bhujbale
Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator

Prof. Snehal Dharm
Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Prof. A.A. Malgave
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the PBL report entitled "Biometric Fingerprint Attendance" submitted by Mr. Kunal Pawar is the bonafide record of work done by him under my supervision, in partial fulfillment of the requirement for a graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. R.J. Patil

Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. S.D. Dharme

Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. A.A. Malgave

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Transmission Line Fault Detection" submitted by Mr. Ayush Santosh Matkar is the Bonafide record of work done by him under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe. Pune-411041

CERTIFICATE

This is to certify that the ~~seminar-report~~ entitled "Automatic Tap Water" submitted by Dipali Shinde, Raksha Narhe, Atharva Veer, Shruti Kumbhar is the bonafide record of work done by him/her under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. Artee Sudke

Guide

Electrical Engineering

Z.E.S. ZCOER, Pune

Prof. Snehal Dharme

PBL Co-ordinator

Electrical Engineering

Z.E.S. ZCOER, Pune

Prof. A.A. Malgave

Head of department

Electrical Engineering

Z.E.S. ZCOER, Pune

Place: Pune

Date: 30/04/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

PBL

This is to certify that the ~~seminar~~ report entitled "SMART BLIND STICK"
submitted by Mr. Vishal Sabasagi, Ms. Sayali Soundale, Ms. Shravani
Rajpure, Ms. Pooja Thakur

is the bonafide record of work done by him my supervision, in partial
fulfillment of the requirement for graduate degree course in Electrical
Engineering from Zeal College of Engineering & Research, Narhe, Pune for
the academic year of 2023-24.


Gulde

Electrical Engineering
Z.E.S. ZCOER, Pune


S. D. Dharne
PBL Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune



Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 30/4/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Smoke Detector" submitted by Group is the Bonafide record of work done by him under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of ~~2020-21~~.

2023-24

Guide

Electrical Engineering

• Z.E.S. ZCOER, Pune

PBL Coordinator

Electrical Engineering

Z.E.S. ZCOER, Pune

Head of Department

Electrical Engineering

Z.E.S. ZCOER, Pune

DEPARTMENT OF ELECTRICAL ENGINEERING



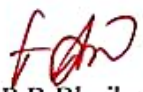
Zeal College of Engineering & Research, Pune
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CERTIFICATE

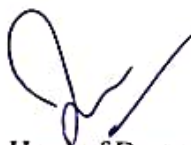
This is to certify that the seminar report entitled "Applications of IoT Sensors in E-Vehicles" submitted by

<i>Name of the Student</i>	<i>Exam Seat Number</i>
<i>Mr. Phate Bhushan Suresh</i>	<i>S190532687</i>
<i>Miss Samleti Sayali Devidas</i>	<i>S190532706</i>
<i>Miss Shelke Pratiksha Ramchandra</i>	<i>S190532714</i>
<i>Miss Shinde Krutika Shrikant</i>	<i>S190532717</i>

is the bonafide record of work done by them under my supervision, in partial fulfillment of the requirement for graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof P B Bhujbale
Electrical Engineering
Z.E.S. ZCOER, Pune


PBL Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place : Pune
Date : 30/04/2024



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/16L

Revision: 00

Date:01/04/2021

Internship Details

Department: Electrical Engineering

Semesters: II

Academic Year: 2023 -2024

Class: TE

Div: A&B

Total Number of Students:82

Name of the faculty: Dr. D. K. Rai

Course: Internship

Sr. No	Roll No.	Name of Student	Company Name	Duration
1	T411001	ADHAV SHUBHAM SHANKAR	Tirupati Enterprises	1 Month
2	T411002	ADKE RHUSHIKESH AJIT	Valay Controls	1 Month
3	T411003	AHIRE HARSHAD ISHWAR	SAS Automation Pvt. Ltd.	1 Month
4	T411004	APHALE SHREYAS SHRIKANT	Shree Samarth Deep Electrical	1 Month
5	T411005	BADGIRE SACHIN LAXMAN	X Trans Enterprises	1 Month
6	T411011	BHOSALE ADITYA SOPAN	Valay Controls	1 Month
7	T411013	BIRHAMANE PRIYANKA RAJENDRA	Ajit Electricals	1 Month
8	T411014	CHASKAR SUPRIYA SANTOSH	X- Trans Enterprises	1 Month
9	T411015	CHAVAN SATYAM SURAJ	Biencaps System	1 Month
10	T411016	CHOPADE NEHA PRAMOD	X- Trans Enterprises	1 Month
11	T411019	DEODHAR ADITYA ASHOK	Trans Fab Power (India) Pvt. Ltd	1 Month
12	T411022	DHEKANE VAISHNAVI KASHINATH	EDran Engineers PVT. LTD.	1 Month
13	T411024	FAWADE PRACHI VISHWAS	Ajit Electricals	1 Month
14	T411025	FULARI SAKSHI KISHOR	Laxmi Motor & Solar	1 Month
15	T411026	GAIKWAD CHAITANYA DILIP		
16	T411028	GAIKWAD VRUSHALI SHISHUPAL	SAS Automation PVT. Ltd.	1 Month
17	T411033	IRABATTIN PRATHMESH GANESH	Mecc Alte India Pvt. Ltd	1 Month
18	T411037	JADHAV ROHAN SHAHAJI	Tirupati Enterprises	1 Month
19	T411038	JADHAV RUTUJA SHAHADEV	X- Trans Enterprises	1 Month



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Date: 01/04/2021

Record No.: ZCOER-ACAD/R/16L

Revision: 00

20	T411039	JADHAV TANAJI NAGNATH	Mecc alte private limited	1 Month
21	T411040	JADHAV VAIBHAV UDAY	SAS Automation Pvt. Ltd.	1 Month
22	T411041	JAMDADE SANIKA SANTOSH	Tech Tread Engineering & Services	1 Month
23	T411042	KABADE MANSI NITIN	Automate Engineering	1 Month
24	T411044	KADAM SHRIPAD SANDIP	Shree Samarth Deep Electricals	1 Month
25	T411045	KADAM SUJAL SURESH	Mecc Alte India Private Limited	1 Month
26	T411046	KALOKHE KAUSTUBH UMESH	Technomind	
27	T411048	KAMBLE AKSHATA SUDHAKAR	SAS Automation Pvt. Ltd	1 Month
28	T411050	KAMBLE RANI HARISHACHANDRA	GS Engineers & Contractor	10 Days
29	T411054	KATRE TUSHAR VIKAS	Shree Samarth Deep Electricals	1 Month
30	T411056	KHANVILKAR SHALAKA SAGAR	SAS Automation PVT. Ltd.	1 Month
31	T411057	KHEDEKAR MANSI MACHINDRA	E Dran Engineeris Pvt. Ltd.	1 Month
32	T411058	KOLAGE AKASH HANUMANT	Shantaram Engineering	1 Month
33	T411059	KULKARNI PRATHAMESH SUDAM	Central Railway	1 Month
34	T411061	KUSHWAHA SURAJKUMAR PRABHUSINGH	Ae Automate Engineering	1 Month
35	T411064	MAHALE SHWET SANDIP	Kinetic Elevators & Electors	
36	T411066	MALI PRATIK SAMBHAJI	Tirupati Enterprises	1 Month
37	T411067	MANE OM DATTATRAY	Trans Fab Power (India) Pvt. Ltd.	1 Month
38	T411072	MULANI ALIM SAMIR	SAS Automation Pvt. Ltd.	1 Month
39	T412001	MUNDE SANDHYA SOPAN	Ajit Electricals	1 Month 14 Days
40	T412002	NAGAVE NIKITA TATYASO	Power Engineering Works	1 Month
41	T412003	NAIK NANDINI NARSING	M-Tech Enterprises	1 Month
42	T412004	NARKHEDE DISHA AMIT	MahaVitaran	1 Month
43	T412005	NARUTE SAHIL ARUN	Hi Tech Automation	3 Month



ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/16L Revision: 00 Date: 01/04/2021

44	T412006	NILA PRIYANKA SHIVAJI	SAS Automation Pvt. Ltd.	1 Month
45	T412007	NIUNGARE PRATIKSHA PANDURANG	X- Trans Enterprises	1 Month
46	T412008	NIVANGUNE RUTUJA SUNIL	Expert Electrical & Engineers	1 Month
47	T412009	OVHAL SNEHAL SHIVAJI	Ajit Electrical	1 Month 14 Days
48	T412012	PARSHARAM RAJ SHANTARAM	Narsh Technologies	1 Month
49	T412013	PATIL ABHINETRI KISHOR	Vikasratna Vilasroa Deshmukh (MSSSKL)	25 Day
50	T412015	PATIL AKSHAY BHIKAN	M-Tech Enterprises	1 Month
51	T412017	PATIL SANIKA SANJAY	SAS Automation PVT. Ltd.	1 Month
52	T412020	PAWAR ISHWARI BHAGWATRAO	Internshala	
53	T412023	PHADKE DHIRAJ ASHOK	MRN Bhima Sugar And Power Pvt. Ltd.	1 Month
54	T412024	PHALKE TEJAS SANTOSH	Expert Electrical & Engineers	1 Month
55	T412025	PIMPLE RAKESH NARAYANRAO	Electric Empire	1 Month
56	T412027	POL SANKET SADASHIV	Ajit Electrical	1 Month
57	T412030	RENUSE NIKHIL GORAKSHNATH	Electrical Empire	1 Month
58	T412033	SALVI GARGI PRASHANT	EDran Engineers PVT. LTD.	1 Month
59	T412035	SANGALE SAMARTH SUNIL	Electric Empire	1 Month
60	T412036	SAPKAL TEJAS SANDIP	Electric Empire	1 Month
61	T412037	SARDESHMUKH ARPITA ARUNRAO	Vikasratna Vilasroa Deshmukh (MSSSKL)	25 Day
62	T412038	SAWANT RAHUL	Precicon filtration & Separation Technologies	1 Month
63	T412039	SAYYED MUNNAWAR HAMZA MIYAN	SAS Automation Pvt. Ltd	1 Month
64	T412041	SHINDE PRATHAMESH RAJENDRA	GenesisTEchnologies	1 Month
65	T412042	SHINDE SUJIT DHANANJAY	Shantaram Engineering	1 Month
66	T412044	SHINDE VISHAL SANTOSH	Sify Technologies Ltd.	1 Month
67	T412046	SHIVANE PRAVIN ASHOK	Electric Empire	1 Month



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/16L Revision: 00 Date: 01/04/2021

68	T412047	SHRIMAL SHRIKANT MANE	Akar Elctromations Pvt Ltd	1 Month
69	T412049	SOLAPURE SONAM OMPRAKASH	X Trans Enterprises	19 days
70	T412051	SURWADE PRATIK DADARAO	Ajit Electricals	1 Month
71	T412052	SURWASE RAMESHWAR DINKAR	Efficient Toroidal Coil Corporation	1 Month
72	T412054	SURYAWANSHI GAURAV SOMNATH	Electrical Empire	1 Month
73	T412056	TATHE VAISHNAVI SANTOSH	X-Trans EEnterprises	1 Month
74	T412057	THOTE VIJAYA VILAS	Vikasaratna Vilasroa Deshmukh (MSSSKL)	25 Day
75	T412058	TONDE AISHWARYA SUNIL	Vaishnavi Electrical And Contractors	1 Months
76	T412059	UMBARJE NIKITA ANNAPPA	Expert Electrical & Engineers	1 Month
77	T412061	UTAGI SHREEYASH SHRISHAIL	pqExcel Solution LLP	1 Month
78	T412062	VEER KARAN ASHOK	Mecc Alte India Private Lmt.	1 Month
79	T412065	WAGHMARE NIKITA RAJABHAU	Expert Electrical & Engineers	1 Month
80	T412067	WALALE ANIKET RAMESHWAR	Central Railway	1 Month
81	T412068	WANDHARE MANISH	Central Railway	1 Month
82	T412069	ZAGADE VAISHNAVI RAJENDRA	Vaishnavi Electrical And Contractors	1 Month

[Signature]

Internship Coordinator
Zeal College of Engg. & Research
Department of Electrical Engineering

[Signature]
13-06-24

Head of Department
Zeal College of Engg. & Research
Department of Electrical Engineering

W. C. No. : W29 A-00013
M.C. No. : 9320
GST No.:
27AAWPM3041K1Z9

TIRUPATI ENTERPRISES



ELECTRICAL ENGINEERS & GOVT.
LICENCED ELECTRICAL CONTRACTOR

Off. : C/o. Suchita D. Mane, Sr. No. 113/2,
B 2/2, P. G. City, Shop No. 07, Govind Rachana,
F Wing, Mumbai-Goa Highway, Mahad, Raigad.
402 301.
Mob.No.9822932111 Email : dkmane111@gmail.com

SPECIALIST IN : ● ERECTION
● MAINTENANCE ● REPAIRS OF HT / LT
ELECTRICAL INSTALLATIONS
● HIRING OF TRANSFORMER & OIL
FILTRATION MACHINE

Date : 17/04/2024

CERTIFICATE OF PARTICIPATION

This certifies that **Mr. Shubham Shankar Adhav** has successfully completed Industrial Training Programme on "**Maintenance of Transformer**" conducted by **Tirupati Enterprises** Between 15th March to 15th April 2024.

TIRUPATI ENTERPRISES

Proprietor

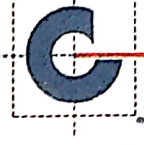


VALAY CONTROLS

CPRI Approved Electrical Control Panel Manufacturing

02

JAS-ANZ



An ISO 9001:2015 Certified Company

EXPERIENCE CERTIFICATE

Date 1-2-2024

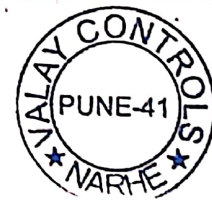
TO WHOM IT MAY CONCERN

This is to certify that **Mr. Rhushikesh Ajit Adke**, TE Electrical student of Zeal college of engineering and research, Pune has Successfully completed his vocational in plant Training in various Departments of manufacturing unit.

He has visited our company from **18 December 2023 to 18 January 2024..**

During the training period, his initiative and behavior was found to be good.

We wish him all the best for his future endeavours and career.



VALAY CONTROLS

Bharambe
N, R. BHARAMBE



03

SAS AUTOMATION PVT. LTD.

(An ISO 9001 : 2015 certified company)

REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To,

Mr. Harshad Ishwar Ahire

TO WHOM IT MAY CONCERN,

We Present this certificate to Mr. Harshad Ishwar Ahire in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation PVT. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012
Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019
Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shirur, Dist. Pune - 412 216
Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091
Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706
E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in

Shree Samarth Deep Electricals

Govt. Licenced Contractors

All Types of Electricals, Wiring & Industrial Wiring

Madhuri Milind Complex, Vadgaon (BK), Pune-411 041. Mobile: 8484844499 | Email : vikaskatre72.vk@gmail.com

04

Certificate Of Internship

To,
Mr. Shreyas Shrikant Aphale

TO WHOM IT MAY CONCERN

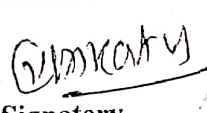
We present this certificate to Mr. Shreyas Shrikant Aphale in appreciation of his work in Quality and maintenance in our Organization from last One Month.

Duration of Internship:- 08/01/2024 to 08/02/2024

During the internship he is displayed good skills and a self - motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SHREE SAMARTH DEEP ELECTRICALS


Authorized Signatory



08/04



Manufacturers of X-Ray Transformers

X-TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that MR. SACHIN LAXMAN BADGIRE a student ZEAL COLLEGE OF ENGINEERING AND RESEARCH has successfully completed an internship at X Trans Enterprises from 13TH FEBRUARY 2024 to 13TH MARCH 2024.

During the internship period MR. SACHIN LAXMAN BADGIRE has demonstrated outstanding dedication, hard work, and exceptional learning ability. He has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate MR. SACHIN LAXMAN BADGIRE on the successful completion of his internship and wish him all the best for his future.

Internship Supervisor.

NIKHIL GAIKWAD **X TRANS ENTERPRISES.**

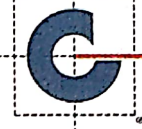
Date: -13TH MARCH 2024



VALAY CONTROLS

CPRI Approved Electrical Control Panel Manufacturing

JAS-ANZ



An ISO 9001:2015 Certified Company

EXPERIENCE CERTIFICATE

Date 25-1-2024

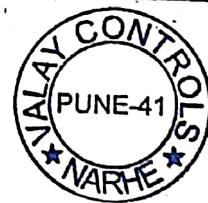
TO WHOM IT MAY CONCERN

This is to certify that **Mr. Aditya Sopan Bhosale**, TE Electrical student of Zeal college of engineering and research, Pune has Successfully completed his vocational in plant Training in various Departments of manufacturing unit.

He has visited our company from **18 December 2023 to 18 January 2024**.

During the training period, his initiative and behavior was found to be good.

We wish him all the best for his future endeavours and career.



VALAY CONTROLS

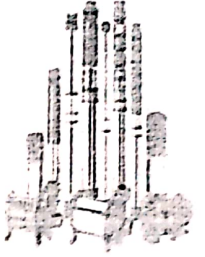
N, R. BHARAMBE

07

AJIT ELECTRICALS



Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling
Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041
Email: ajitelectricals3333@gmail.com
Mo. No. 7743880072, 7875631904



REF/SE/PER/13-22/237
Date : 20/02/2024

Certificate Of Internship

To,

Miss. Priyanka Rajendra Birhamane

TO WHOM IT MAY CONCERN

We Present this certificate to Miss. Priyanka Rajendra Birhamane in appreciation of his work in Quality and Maintenance in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS

अजित इलेक्ट्रीकल्स करिता

प्रोप्रायटर

Authorized signatory



08



Manufacturers of X - Ray Transformers

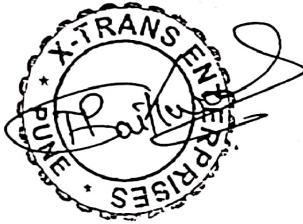
X - TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that Miss. Supriya Santosh Chaskar a student of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE, has successfully completed an internship at X Trans Enterprises from 12th March 2024 to 12th April 2024.

During the internship period Miss. Supriya Santosh Chaskar has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate Miss. Supriya Santosh Chaskar on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD X TRANS ENTERPRISES.

Date: - 12th April 2024.

Date: 07/02/2024
Reference No: Training/Jan/007

To,
HOD Electrical Dept,
Zeal College of Engineering, Pune.

Sub: Intimation letter for Internship

Dear Sir,

I am writing this letter in response to students from your institution. We are delighted to offer the internship for your students with our company. We have decided to take interns of BE from your college and train them on the company's internal projects starting from January 12, 2024 to February 12, 2024. During this period, your students will be recognised as " **Mobile Application Development Intern** " at our company. The internship offered will be without compensation.

All the details in relation with the project and duties of the respective intern will be shared on the very first day of their internship with us. And once they have successfully completed four months, the intern must develop and submit an assigned project. After successful completion of the internship, a completion letter will be awarded which will have details of their project and their roles. This letter will mark completion of their internship and then the company will issue an Internship Certificate.

Please Find the list below

1. Satyam Chavan

Please find the internship schedule as below:


Start date : 12 January 2024

End date : 12 February 2024

Days : Monday to Friday

Venue : Biencaps System's office

With best regards,


Pranali Bagal
HR Manager, Admin
Biencaps Systems



10



Manufacturers of X - Ray Transformers

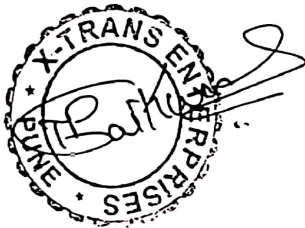
X - TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that Miss. Neha Pramod Chopade a student of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE, has successfully completed an internship at X Trans Enterprises from 12th March 2024 to 12th April 2024.

During the internship period Miss. Neha Pramod Chopade has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate Miss. Neha Pramod Chopade on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD X TRANS ENTERPRISES.

Date: - 12th April 2024.

S


Ref: TFPIPL/2024-25/06

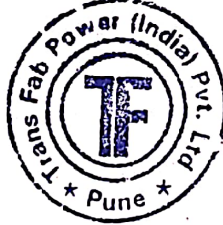
Date: 15/04/2024

CERTIFICATE OF PARTICIPATION

This certifies that **Mr. Aditya Ashok Deodhar** has successfully completed Industrial Training Programme on "Design concept & Transformer Manufacturing" conducted by Trans Fab Power India Pvt Ltd. Between 15th March to 15th April 2024.

For Trans Fab Power India Pvt Ltd.


Authorized Signatory



Office : 3, Shreeniwas Palace, 40/30, Bhonde Colony, Nanasaheb Bhonde Path, Erandwane, Pune - 411 004, INDIA
Ph. : +91 020 25420058, 25431423, Telefax +91 020 25431423. Email: - marketing@transfabindia.com

Factory : Gat No. 392, Plot No. 1& 4/1, Urawade Road, Tal. Mulshi, Dist. Pune - 412 108. Ph. : +91 8605018978 / 9822502913
Email: - works.transfabpower@gmail.com, service@transfabindia.com • www.transfabindia.com

12

DRAN
ENGINEERS PVT. LTD.

An ISO 9001 Company

Design & Manufacturers of :

Assembly Automation & Systems, Welding Fixtures

CNC Machining Fixtures, Precision Machined Components

CIN - U25209PN1994PTC077706

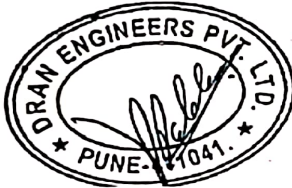
Certificate of Internship Completion

This is to certify that **DHEKANE VAISHAVI KASHINATH** student of Zeal College Of Engineering & Research Pune has successfully completed the internship at DRAN ENGINEERS PVT.LTD, Pune.

In recognition of outstanding dedication, commitment, and contributions in the areas of:

- Wiring Design using E-plan software.
- Control Panel Wiring.
- PLC Programming with GX Work software.
- Understanding of Welding Robots and Programming.

This certificate is awarded on **15 April 2024** in appreciation of the valuable skills and knowledge demonstrated during the internship period from 12 March 2024 to 12 April 2024



Mr. Vivek Patankar

(DGM FINANCE &
HR)

DRAN ENGINEERS PVT.LTD. Pune

15 April 2024

S. No. 30/6, Dhayari-Narhe Road, Dhayari, Pune 411 041 (India)

• Tel. No.: +91-20-24690470 / 71 / 72 / 73 / 68246600 • Fax No. : (Extn.) 206 • Email : dran@vsnl.com • Website : www.dranindia.com

13

AJIT ELECTRICALS

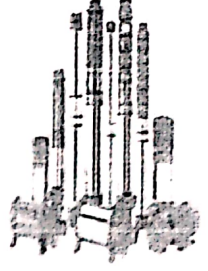


Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling

Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041

Email: ajitelectricals3333@gmail.com

Mo. No. 7743880072, 7875631904



REF/SE/PER/13-22/237

Date : 20/02/2024

Certificate Of Internship

To,

Miss. Prachi Vishwas Fawade

TO WHOM IT MAY CONCERN

We Present this certificate to Mr. Prachi Vishwas Fawade in appreciation of his work in Quality and Maintenance in our Organization from last 1 month.

Duration of Internship: 18/01/2024 to 18/02/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS

अजित इलेक्ट्रीकल्स कारिता

प्रोप्रायटर

Authorized signatory





LAXMI MOTOR & SOLAR

Unit - 5,
Udhyam Nagar, Kolhapur - 413002
laxmimotor@gmail.com
laxmimotor.com

Date - 11 February 2024

Sub - Internship Certificate

To Whomsoever it may concern . This is to certify that **Mrs. Sakshi Kishor Fulari**, Student of **Zeal College of Engineering**, has successfully completed an Internship Program in the Field of organization from **11 Jan 2024 to 11 Feb 2024** During period of his internship program with us he had been exposed to different processes and was found diligent, hardworking & inquisitive We wish him every success in his life and career...!!!

THANKING YOU...

Shivaji Patil

HR, laxmi Motor & Solar



13

SAS AUTOMATION PVT. LTD.

(An ISO 9001 : 2015 certified company)

REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To,

Ms. Vrushali Shishupal Gaikwad

TO WHOM IT MAY CONCERN,

We Present this certificate to Ms. Vrushali S Gaikwad in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation Pvt. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012

Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019

Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shirur, Dist. Pune - 412 216

Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091

Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706

E-mail : marketing@sasengineering.in **Website :** www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in



MAIL/HR/2024

Date: 12.02.2024

To Whomsoever It May Concern

This is to certify that **Mr. Prathmesh Ganesh Irabattin** (Contact no. 8329704696) of **ZEAL College of Engineering and Research, Narhe, Pune** has undergone Internship training in Production Department of our Manufacturing Plant at Talegaon Dhamdhare, Tal. Shirur, Dist. Pune from 12th January, 2024 to 12th February, 2024.

During the tenure of his internship with the Company, we found him sincere and hardworking.

We wish him all the success for his future endeavors.

For **Mecc Alte India Private Limited**



Aslam Parvez

DGM - HR, IR & Admin.



MAIL/HR/2024
Date: 12.02.2024

To Whomsoever It May Concern

This is to certify that **Mr. Prathmesh Ganesh Irabattin** (Contact no. 8329704696) of **ZEAL College of Engineering and Research, Narhe, Pune** has undergone Internship training in Production Department of our Manufacturing Plant at Talegaon Dhamdhere, Tal. Shirur, Dist. Pune from 12th January, 2024 to 12th February, 2024.

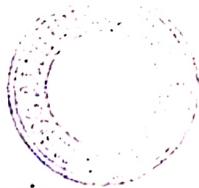
During the tenure of his internship with the Company, we found him sincere and hardworking.

We wish him all the success for his future endeavors.

For **Mecc Alte India Private Limited**


Aslam Parvez

DGM - HR, IR & Admin.



W. C. No. : W29 A-00013
M.C. No. : 9320
GST No.:
27AAWPM3041K1Z9

TIRUPATI ENTERPRISES



ELECTRICAL ENGINEERS & GOVT.
LICENCED ELECTRICAL CONTRACTOR

Off. : C/o. Suchita D. Mane, Sr. No. 113/2,
B 2/2, P. G. City, Shop No. 07, Govind Rachana,
F Wing, Mumbai-Goa Highway, Mahad, Raigad.
402 301.
Mob.No.9822932111 Email : dkmane111@gmail.com

SPECIALIST IN : ● ERECTION
● MAINTENANCE ● REPAIRS OF HT / LT
ELECTRICAL INSTALLATIONS
● HIRING OF TRANSFORMER & OIL
FILTRATION MACHINE

Date : 17/04/2024

CERTIFICATE OF PARTICIPATION

This certifies that **Mr. Rohan Shahaji Jadhav** has successfully completed
Industrial Training Programme on "**Maintenance of Transformer**"
conducted by Tirupati Enterprises Between 15th March to 15th April 2024.

TIRUPATI ENTERPRISES

Proprietor

19



Manufacturers of X - Ray Transformers

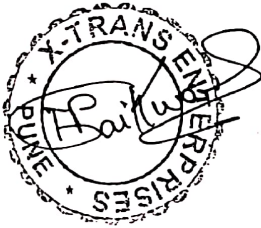
X - TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that Miss. Rutuja Shahadev Jadhav a student of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE, has successfully completed an internship at X Trans Enterprises from 12th March 2024 to 12th April 2024.

During the internship period Miss. Rutuja Shahadev Jadhav has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate Miss. Rutuja Shahadev Jadhav on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD **X TRANS ENTERPRISES.**

Date: - 12th April 2024.

S

MAIL/HR/2024

Date: 12.02.2024

To Whomsoever It May Concern

This is to certify that **Mr. Tanaji Nagnath Jadhav** (Contact no. 9665365593) of **ZEAL College of Engineering and Research, Narhe, Pune** has undergone Internship training in Production Department of our Manufacturing Plant at Talegaon Dhamdhere, Tal. Shirur, Dist. Pune from 12th January, 2024 to 12th February, 2024.

During the tenure of his internship with the Company, we found him sincere and hardworking.

We wish him all the success for his future endeavors.

For **Mecc Alte India Private Limited**



Aslam Parvez

DGM - HR, IR & Admin.





SAS AUTOMATION PVT. LTD.

(An ISO 9001 : 2015 certified company)

REF/SAPL/24-25/153

Date : 20/02/2024.

Certificate Of Internship

To,

Mr. Vaibhav Uday Jadhav

TO WHOM IT MAY CONCERN,

We Present this certificate to Mr. Vaibhav Uday Jadhav in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

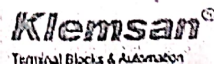
We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation Pvt. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012
Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019
Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shrirur, Dist. Pune - 412 216
Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091
Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No. 59, Sector New 50, Seawood Navi Mumbai- 400706
E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in



TechTread Engineering & Services

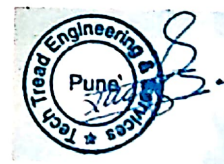
Barangimala, Chavan Baug, DSK Vishwa road, Dhayari Pune-411041
E-Mail:-techtreadpune@gmail.com Contact no:-7517658872

DATE: 16/04/2024

CERTIFICATE

This is to certifying that Miss. **SANIKA SANTOSH JAMDADE** whose ZPRN is 122E20137 BE Third Year student of ELECTRICAL ENGINEERING of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE has successfully completed the Industrial/Internship at our Organization (Dhayari Pune). During period of 30 Days from 15-03-2024 to 15-04-2024.

PLACE : PUNE



Authorized Signature
TechTread Engineering & Services

JAMDA
S

23



AUTOMATE ENGINEERING

Office Address 1st Floor, Malhar Pride, Shree Control Chowk, Narhe Industrial Area, Pune 43

Phone No: +91 7768999659

E-mail: connect.automate@gmail.com

Website: www.aeai.in

INTERNSHIP COMPLETION CERTIFICATE

Name - Mansi Nitin Kabbade

Domain - IoT & Robotics

College - Zeal College of Engineering & Research

Department - Electrical Engineering

Date - 10-02-2024 to 10-03-2024

Modules executed-

1. Design & development of Agriculture Robot
2. Floor Cleaning Robot
3. Electric Highway using IoT
4. Fire fighting Robot

During the period of Project Training Program at AUTOMATE ENGINEERING, the Candidate was found punctual, hardworking and inquisitive.

We wish him every success in life.

For AUTOMATE ENGINEERING



Authorized Signature

24

Shree Samarth Deep Electricals

Govt. Licenced Contractors

All Types of Electricals, Wiring & Industrial Wiring

Madhuri Milind Complex, Vadgaon (BK), Pune-411 041. Mobile: 8484844499 | Email : vikaskatre72.vk@gmail.com

Certificate Of Internship

To,
Mr. Shripad Sandip Kadam

TO WHOM IT MAY CONCERN

We present this certificate to Mr. Shripad Sandip Kadam in appreciation of his work in Quality and maintenance in our Organization from last One Month.

Duration of Internship:- 08/01/2024 to 08/02/2024

During the internship he is displayed good skills and a self - motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SHREE SAMARTH DEEP ELECTRICALS

Authorized Signatory



MAIL/HR/2024

Date: 12.02.2024


To Whomsoever It May Concern

This is to certify that **Mr. Sujal Suresh Kadam** (Contact no. 8007679330) of **ZEAL College of Engineering and Research, Narhe, Pune** has undergone Internship training in Quality Assurance Department of our Manufacturing Plant at Talegaon Dhamdhere, Tal. Shirur, Dist. Pune from 12th January, 2024 to 12th February, 2024.

During the tenure of his internship with the Company, we found him sincere and hardworking.

We wish him all the success for his future endeavors.

For Mecc Alte India Private Limited


Aslam Parvez
DGM - HR, IR & Admin.





Quality you can trust

Certificate of Completion

This certificate is awarded to Mr. Kaustubh Kalokhe in recognition of the successful completion of 30 days of internship with the Technomind Control Panel.

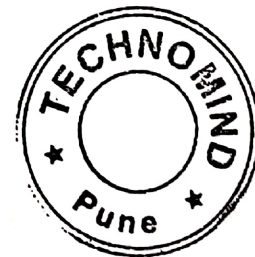
We commend Mr. Kaustubh Kalokhe for their hard work, dedication, and commitment to learning during their time with us.

Technomind

Authorized Signature: _____

Proprietor

Date: _____



S.NO.42, LANE NO. 2, ATAL NO. 12,
NEAR BHAMCHANDRA VIDYALAYA,
WASULI, PUNE-410507
CONTACT: TEL-020-244756

AMCAT test given
Bhangra



REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To.

Ms. Akshata Sudhakar Kamble

TO WHOM IT MAY CONCERN,

We Present this certificate to **Ms. Akshata Sudhakar Kamble** in appreciation of his work Quality and Production department in our organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship she displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation Pvt. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012

Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019

Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shirur, Dist. Pune - 412 216

Kolkata : Sth Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091

Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai-400706

E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.ladc.co.in / www.sasnextgen.co.in

23



GS ENGINEERS & CONTRACTOR

Contractor Lic. No. 322310024127062022

Supervisor Lic. No. 323110010215092021

INTERSHIP COMPLETION CERTIFICATE

This is to certify that **Miss. Kamble Rani Harishachandra** student of **Zeal College of Engineering And Research Pune, Tq. Haveli Dist Pune** has completed Internship with **G.S. Engineers & Contractors** for the purpose of academic project.

The duration of Internship was from **28 March 2024 to 07 April 2024**. The intern has completed the assigned task within the mentioned period.

Proprietor

**G.S. ENGINEERS
AND CONTRACTOR
BEED.**

Shree Samarth Deep Electricals

Govt. Licenced Contractors

All Types of Electricals, Wiring & Industrial Wiring

Madhuri Milind Complex, Vadgaon (BK), Pune-411 041. Mobile: 8484844499 | Email : vikaskatre72.vk@gmail.com

Certificate Of Internship

To,
Mr. Tushar Vikas Katre

TO WHOM IT MAY CONCERN

We present this certificate to Mr. Tushar Vikas Katre in appreciation of his work in Quality and maintenance in our Organization from last One Month.

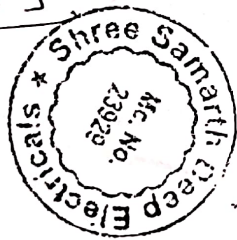
Duration of Internship:- 08/01/2024 to 08/02/2024

During the internship he is displayed good skills and a self - motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SHREE SAMARTH DEEP ELECTRICALS

Authorized Signatory



(Signature)

Handwritten signature/initials



SAS AUTOMATION PVT. LTD.

(An ISO 9001 : 2015 certified company)

REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To,

Ms. Shalakha Sagar Khanvilkar

TO WHOM IT MAY CONCERN,

We Present this certificate to Ms. Shalakha Khanvilkar in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation PVT. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012

Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019

Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhilma, Tal. Shirur, Dist. Pune - 412 216

Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091

Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706

E-mail : marketing@sasengineering.in **Website :** www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in



CIN - U25209PN1894PTC077706

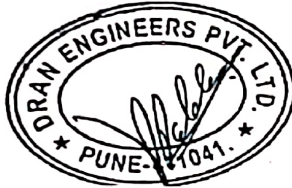
Certificate of Internship Completion

This is to certify that **KHEDEKAR MANSI MACHINDRA** student of Zeal College Of Engineering & Research Pune has successfully completed the internship at DRAN ENGINEERS PVT.LTD, Pune.

In recognition of outstanding dedication, commitment, and contributions in the areas of:

- Wiring Design using E-plan software.
- Control Panel Wiring.
- PLC Programming with GX Work software.
- Understanding of Welding Robots and Programming.

This certificate is awarded on **15 April 2024** in appreciation of the valuable skills and knowledge demonstrated during the internship period from 12 March 2024 to 12 April 2024



Mr. Vivek Patankar

(DGM FINANCE &
HR)

DRAN ENGINEERS PVT.LTD. Pune

15 April 2024

Shantaram Engineering

House Wiring, Home Appliance Repair, Maintenance, Solar Systems, etc.

S. No. 46/5, Gujarwadi Road, Jadhav Nagar 2, Katraj, Pune - 411046

Date: April 30, 2024

CERTIFICATE OF INTERNSHIP

To,

Mr. Akash Hanumant Kolage

TO WHOM IT MAY CONCERN

We present This certificate is presented to Mr. Akash Hanumant Kolage

in appreciation of his work in the House wiring and maintenance of home appliances in our organization.

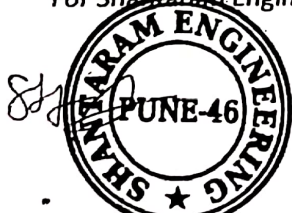
Duration of Internship: March 25, 2023, to April 28, 2024

During his internship, Mr. Akash Hanumant Kolage

displayed strong skills and a self-motivated attitude towards learning new things.

We appreciate his contributions to our organization and wish him all the best in his future endeavours.

For Shantaram Engineering



Authorized Signatory

33

CENTRAL RAILWAY



SSE(TL/AC) PUNE,



PUNE DIVISION

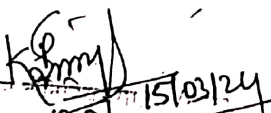
GHORPADI INTEGRATED COACHING COMPLEX, GHORPADI, PUNE - 411001

Subject:- Regarding Internship Programme for Engineering Students

Reference:- ZES/NC/2019, Dated-18/12/2023 from office of HOD- Electrical department of Zeal College of Engineering & Research.

Internship Programme Certificate

This is to certify that trainee **Mr. Prathamesh Sudam Kulkarni** completed his one month internship session from **12th January 2024 to 12th February 2024** in Electrical department (TL/AC), Pune Division , Central Railway. His Performance during internship was excellent.


सिनीयर सेक्शन इंजिनियर मा.प्र./वाता.-(एल.एच.बी.)

मध्य रेल, पुणे

Senior Section Engineer TL/AC/ (L.H.B.)
Central Railway



AUTOMATE ENGINEERING

Office Address 1st Floor, Malhar Pride, Shree Control Chowk, Narhe Industrial Area, Pune 43

Phone No: +91 7768999659

E-mail: connect.automate@gmail.com

Website: www.aeiot.in

INTERNSHIP COMPLETION CERTIFICATE

Name – Surajkumar pranhusingh kushwaha

Domain – IoT & Robotics

College- Zeal College of Engineering & Research

Department- Electrical Engineering.

Date – 10 – 02 – 2024 to 10 – 03 – 2024

Modules executed-

1. Design & development of Agriculture Robot
2. Floor Cleaning Robot
3. Electric Highway using IoT
4. Fire fighting Robot

During the period of Project Training Program at AUTOMATE ENGINEERING, the Candidate was found punctual, hardworking and inquisitive.

We wish him every success in life.

For AUTOMATE ENGINEERING



Authorized Signature

(35)

KINETIC
ELEVATORS & ERECTORS

CERTIFICATE

OF INTERNSHIP

THIS IS AWARDED TO CERTIFY THAT

SHWET MAHALE

Has completed the internship program at
KINETIC ELEVATORS & ERECTORS
for the role of co worker under the guidance of

Aditya Chandgude.

He is hardworking, sincere and diligent.

We wish him all the best for future.

Shahaji T Chandgude

SHAHAJI CHANDGUDE
FOUNDE & OWNER

A. Chandgude

ADITYA CHANDGUDE
SUPERVISOR & CONTRACTOR

W. C. No. : W29 A-00013
M.C. No. : 9320
GST No.:
27AAWPM3041K1Z9

TIRUPATI ENTERPRISES



ELECTRICAL ENGINEERS & GOVT.
LICENCED ELECTRICAL CONTRACTOR

Off. : C/o. Suchita D. Mane, Sr. No. 113/2,
B 2/2, P. G. City, Shop No. 07, Govind Rachana,
F Wing, Mumbai-Goa Highway, Mahad, Raigad.
402 301.
Mob.No.9822932111 Email : dkmane111@gmail.com

SPECIALIST IN : ● ERECTION
● MAINTENANCE ● REPAIRS OF HT / LT
ELECTRICAL INSTALLATIONS
● HIRING OF TRANSFORMER & OIL
FILTRATION MACHINE

Date : 17/04/2024

CERTIFICATE OF PARTICIPATION

This certifies that **Mr. Pratik Sambhaji Mali** has successfully
completed Industrial Training Programme on "**Maintenance of
Transformer**" conducted by **Tirupati Enterprises** Between 15th
March to 15th April 2024.

TIRUPATI ENTERPRISES

Proprietor


Ref: TFPIPL/2024-25/05

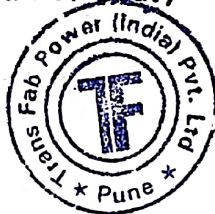
Date: 15/04/2024

CERTIFICATE OF PARTICIPATION

This certifies that **Mr. Om Dattatray Mane** has successfully completed Industrial Training Programme on "**Design concept & Transformer Manufacturing**" conducted by **Trans Fab Power India Pvt Ltd.** Between 15th March to 15th April 2024.

For Trans Fab Power India Pvt Ltd.,


Authorized Signatory





SAS AUTOMATION PVT. LTD.

(An ISO 9001 : 2015 certified company)

REF/SAPL/24-25/151.

Date : 20/02/2024.

Certificate Of Internship

To,

Mr. Alim Samir Mulani.

TO WHOM IT MAY CONCERN,

We Present this certificate to Mr. Alim Samir Mulani in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation PVT. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012

Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019

Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shirur, Dist. Pune - 412 216

Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091

Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706

E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in

ABB
PLC, HMI, Motor Control & VFD

PcVue

RL
HED & CO.
A speciality company

Klemsan
Terminal Blocks & Automation

Insurance
General Insurance

39



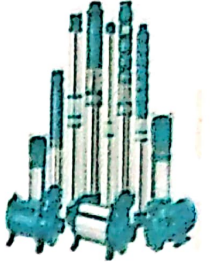
AJIT ELECTRICALS

Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling

Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041

Email: ajitelectricals3333@gmail.com

Mo. No. 7743880072



REF/SE/PER/13-22/237

Date : 20/04/2024

Certificate Of Internship

To,

Ms. Sandhya Sopan Munde

TOWHOM IT MAY CONCERN

We Present this certificate to Ms. Sandhya Sopan Munde in appreciation of his work in Quality and Maintenance in our Organization from last 1 & half month.

Duration of Internship: 4/03/2024 to 20/04/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS


Authorized signatory

LPD

POWER ENGINEERING WORKS

Electrical & Mechanical Engineers and Contractors

At - Khatav Post - Vasagade, Tal. - Palus, Dist. - Sangli.

Milind B. Patil : +91 9822746718.

Lic No. M.C. 16396 M.S.No. 36350

CERTIFICATE FOR INTERNSHIP

(To whom so ever it may concern)

This is to certify that **Miss. Nikita Tatyaso Nagave** a student of Third Year Electrical from Zeal College of Engineering and Research, has satisfactorily completed his internship in our company M/s Power Engineering works for a period of 31 days from 01-01-2024 to 31-01-2024.

We wish her a good carrier ahead.

M/s. Power Engineering Works


Proprietor

Date: 11/04/2024

"TO WHOMSOEVER IT MAY CONCERN"

This is certify that **Miss. Nandini Narsing Naik** student of "**Zeal College of Engineering**" has successfully completed as Internship program in the field of Electrical in our organization from **11th March 2024 To 11th April 2024**.

During the period of her internship program with us, she had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.



42

Maharashtra State Electricity Distribution Co. Ltd.



Nandura (Rural-1) Section,
Sub Division, Nandura.
www.mahadiscom.in

No/AE/NDR/R-1/HR/68

Date:- 08.04.2024

CERTIFICATE

This is to certify that, Miss. **DISHA AMIT NARKHEDE** whose ZPRN is **122E20139** BE Third Year student of ELECTRICAL ENGINEERING of ZEAL COLLEG OF ENGGINEERING AND RESEARCH PUNE has successfully completed the Industrial Training/Internship at our 33 kV Substation Mahalungi under Nandura Rural Section in Nandura Subdivision during period of 30 Days from 08/03/2024 to 08/04/2024 period of the best of his ability.

Place :-Nandura


Assistant Engineer
M.S.E D.C. Ltd.
Nandura R-1
Assistant Engineer
MSEDCL Nandura R-1

Cell : 9422323127,
Email : hitecha@rediffmail.com

Hi Tech
AUTOMATION

Survey No. 39/11, Office No. 201, 2nd Floor,
Crystal Royal, Above Pandharpur Bank,
Dalavi Nagar, Ambegaon Road,
Ambegaon (Bk.), Pune - 411 046.

05/02/2024

TO WHOM IT MAY CONCERN

This is to certify that Mr. Sahil Arun Narute, D/O. Mr. Arun Sukhadeo Narute ,
A student of BE (Electrical Engineering), Zeal college of Engineering Successfully
completed 04 (Four) Months (From 01st October, 2023 To 31th Jan., 2024) Long
internship Programme at this Company.

During the period of his Internship Programme with us he is involved in work:-

- Autocad Panel Designing
- PLC & DCS Panel Testing
- Scada screen development
- Panel manufacturing
- Went to another company & checked the panel

All his work has been of highest standards and he has shown tremendous growth during
his tenure with us. He has always been dedicated to the work allotted and has adhered to
the deadlines. He has come to the office and worked for 8 hours everyday.

During his intership, we found he is hardworking ,sincere and a keen learner. we truly
believe that he shall serve as a valuable asset to any organization and wish his success in
all her future endeavors.

From Hi Tech Automation



Mr. C.K. Anvekar
(Partner)

EVERY THING IN INSTRUMENTATION



REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To,

Ms. Priyanka Shivaji Nila

TO WHOM IT MAY CONCERN,

We Present this certificate to **Ms. Priyanka Shivaji Nila** in appreciation of his work in Quality and Production department in our organization from last half month.

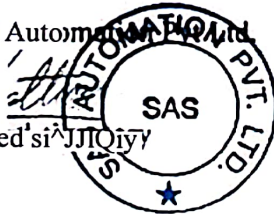
Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship she displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation PVT. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012

Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019

Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tai. Shirur, Dist. Pune - 412 216

Kolkata : Sth Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091

Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai-400706

E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in

45



Manufacturers of X - Ray Transformers

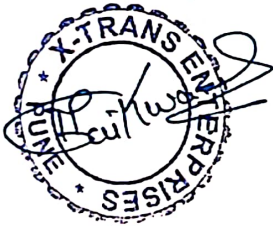
X - TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that Miss. Pratiksha Pandurang Niungare a student of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE, has successfully completed an internship at X Trans Enterprises from 12th March 2024 to 12th April 2024.

During the internship period Miss. Pratiksha Pandurang Niungare has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate Miss. Pratiksha Pandurang Niungare on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD X TRANS ENTERPRISES.

Date: - 12th April 2024.



Expert Electrical & Engineers

Control Panel Manufacturer & Electrical Service Provider
GSTIN: 27AAJH12864K1Z2 PAN No: AAJH12864K

Date: 07/02/2024.

To,
Miss. Rutuja Nivangune

TO WHOM SO EVER IT MAY CONCERN

We Present this certificate to Miss Rutuja Sunil Nivangune in appreciation of his work in Control Panel Manufacturing in our Organization from last 1 Month.

Duration of Internship:- 05/01/2024 to 07/02/2024.

We found she is hard working and sincere.

We appreciate your contributions at our company. We wish you successful future.

This certificate is issued to her on his request and without any liability on us.

FOR EXPERT ELECTRICAL & ENGINEERS

Thanking you
Expert Electrical & Engineers



Add: Shop No-06/Sr. No-122/3/20/1, DSK Road, Barangani Mala, Dhayni, Pune-411043.
Email ID: expertelectricals21@gmail.com/expertengineers21@gmail.com
Contact No: 8830019283

47



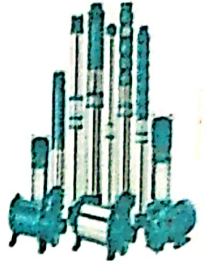
AJIT ELECTRICALS

Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling

Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041

Email: ajitelectricals3333@gmail.com

Mo. No. 7743880072



REF/SE/PER/13-22/237

Date : 20/04/2024

Certificate Of Internship

To,

Ms. Snehal Shivaji Ovhal

TO WHOM IT MAY CONCERN

We Present this certificate to Ms. Snehal Shivaji Ovhal in appreciation of his work in Quality and Maintenance in our Organization from last 1 month.

Duration of Internship: 4/03/2024 to 20/04/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS


Authorized signatory

COURSE COMPLETION CERTIFICATE

This is to certify that

Mr. / Miss. Raj Shantaram Parsharam

Completed A Course On MATLAB

Successfully From December-2023 to January-2024

Address: H.O.: D.No. 201-204, Durga Bhavani Plaza, Ameerpet, Hyd - 16.
Ph - 040-2374 6666, +91 81791 91999, Mail: info@nareshit.com Web: www.nareshit.com



Center Head

49

E-mail:manjsssk1984@gmail.com.

Phone : 267472, 73, 74

VIKASRATNA VILASRAO DESHMUKH
MANJARA SHETKARI SAHAKARI SAKHAR KARKHANA LTD;
VILASNAGAR TQ. & DIST LATUR.

Out. No. GAD/LWO/Training/F-42/

/2024-25

Date:- 02/05/2024

337

//CERTIFICATE//

This is to certify that, Miss.Patil Abhinetri Kishor student of BE Electrical III Year of the Zeal College of Engineering Research Narhe, Pune – 41. She has completed Industrial training in our Sugar Industry from Date 10.04.2024 to 02.05.2024.

During the above period, he found regular in her attendance & obtained necessary information.


Managing Director
Vikasratna Vilasrao Deshmukh
Manjara Shetkari Sahakari Sakhar Karkhana Ltd.
Vilasnagar, Tq. Dist. Latur

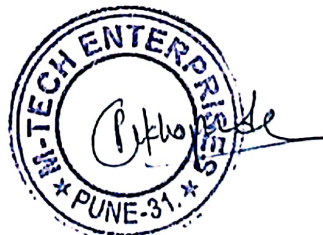
Date: 11/04/2024

"TO WHOMSOEVER IT MAY CONCERN"

This is certify that **Mr. Akshay Patil** student of "**Zeal College of Engineering**" has successfully completed as Internship program in the field of Electrical in our organization from **11th March 2024 To 11th April 2024**.

During the period of her internship program with us, he had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish his every success in his life and career.





REF/SAPL/24-25/15

Date : 20/02/2024.

Certificate Of Internship

To,

Ms. Sanika Sanjay Patil

TO WHOM IT MAY CONCERN,

We Present this certificate to Ms. Sanika Sanjay Patil in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation Pvt. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012
Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019
Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhima, Tal. Shirur, Dist. Pune - 412 216
Kolkata : 5th Floor Plot K & GP ROB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091
Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706
E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in

Certificate of Completion

Ishwari B. Pawar from ZEAL COLLEGE OF ENGG & RESEARCH,PUNE has successfully completed Operations internship at Solar Energy Society of India through Internshala.



Sarvesh Agrawal
Founder & CEO

Date of certification: 2024-28-02

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MRN BHIMA SUGAR AND POWER PVT.LTD.

Madhukarnagar-patas, Tal-Daund, Pune-412219

Email: projectmrnbhimapatas@gmail.com

Date: 08 August 2023

TO WHOM IT MAY CONCERN

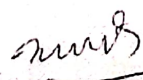
This is to certify that **Mr. Dhiraj Ashok Phadke** of Zeal College of Engineering And Research, Pune has successfully completed his internship in the role of Electrical Maintenance (Equipment installation and maintenance) at **MRN BHIMA SUGAR AND POWER PVT. LTD.** The internship start date was 1st July 2023 and end date was 8th August 2023.

During this period, Dhiraj worked in various areas of electrical maintenance focusing on Machine maintenance and control panel assembly. He did connection at panels and also contributed while assembling the machines after routine maintenance.

Dhiraj shows a lot of skill in his work and we found him to be extremely curious and hardworking. His association with us has been beneficial and we wish him all the best in his future endeavours.

Sincerely,

For MRN BHIMA SUGAR AND POWER PVT. LTD.


Authorized Signatory

Unit Head

**M R N Bhima Sugar &
Power Pvt Ltd**



Expert Electricals & Engineers

Date : 16/04/2024

To,

Mr. Tejas Santosh Phalke

TO WHOM SO EVER IT MAY CONCERN

We Present this certificate to Mr. Tejas Phalke in appreciation of his work in Control Panel Manufacturing in our Organization from last 1 Month.

Duration of Internship : 12/02/2024 to 12/03/2024

We found him hard working and sincere.

We appreciate your contributions at our company. We wish you successful future.

This certificate is issued to him on his request and without any liability on us.

FOR EXPERT ELECTRICAL & ENGINEERS.

Goraksh Jadhav

Contact : 8308307986 / 8956761150 Mail: expertelectricals21@gmail.com

Add: Office No : 203, Amrut Developers, Near Zeal College Chowk, Narhe, Pune-411 041

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ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER ANDELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115GST NO :
27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.

MR.RAKESH NARAYANRAO PIMPLE

We present this certificate to **Mr. RAKESH NARAYANRAO PIMPLE** in appreciation of his work
in our organization, from last 01 months.

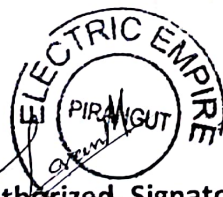
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-
motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire

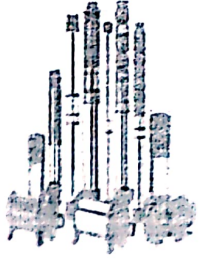

Authorized Signatory

56



AJIT ELECTRICALS

Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling
Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041
Email: ajitelectricals3333@gmail.com
Mo. No. 7743880072, 7875631904



REF/SE/PER/13-22/237

Date : 20/02/2024

Certificate Of Internship

To,

Mr. Sanket Sadashiv Pol

TO WHOM IT MAY CONCERN

We Present this certificate to Mr. Sanket Sadashiv Pol in appreciation of his work in Quality and Maintenance in our Organization from last 1 month.

Duration of Internship: 18/01/2024 to 18/02/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS

अजित इलेक्ट्रीकल्स करिता

[Signature]
प्रोप्रायटर

Authorized signatory



57



ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER ANDELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115GST NO :

27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.

MR. NIKHIL GORAKSHNATH RENUSE

We present this certificate to **Mr. NIKHIL GORAKSHNATH RENUSE** in appreciation of his work in our organization from last 01 months.

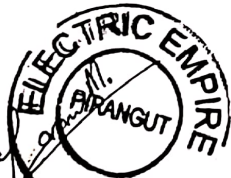
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire



Authorized Signatory

58

CIN - U25209PN1994PTC077706

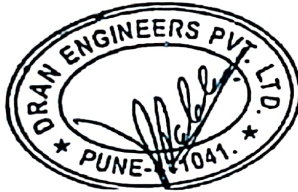
Certificate of Internship Completion

This is to certify that **SALVI GARGI PRASHANT** Student of Zeal College Of Engineering & Research Pune has successfully completed the internship at **DRAN ENGINEERS PVT.LTD,** Pune.

In recognition of outstanding dedication, commitment, and contributions in the areas of:

- Wiring Design using E-plan software.
- Control Panel Wiring.
- PLC Programming with GX Work software.
- Understanding of Welding Robots and Programming.

This certificate is awarded on **15 April 2024** in appreciation of the valuable skills and knowledge demonstrated during the internship period from 12 March 2024 to 12 April 2024



Mr. Vivek Patankar

(DGM FINANCE &
HR)

DRAN ENGINEERS PVT.LTD. Pune

15 April 2024

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ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER AND ELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115 GST NO :

27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.

MR. SAMARTH SUNIL SANGALE

We present this certificate to **Mr. SAMARTH SUNIL SANALE** in appreciation of his work in our organization from last 01 months.

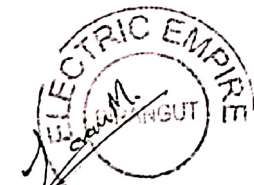
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire



Authorized Signatory



ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER AND ELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115 GST NO :

27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.

MR. TEJAS SANDIP SAPKAL

We present this certificate to **Mr. TEJAS SANDIP SAPKAL** in appreciation of his work in our organization from last 01 months.

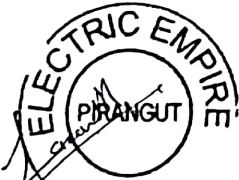
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire



Authorized Signatory

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Phone : 267472, 73, 74

E-mail:manjsssk1984@gmail.com.

VIKASRATNA VILASRAO DESHMUKH
MANJARA SHETKARI SAHAKARI SAKHAR KARKHANA LTD;
VILASNAGAR TQ. & DIST LATUR.

Out. No. GAD/LWO/Training/F-42/

/2024-25

Date:- 02/05/2024

334-1

//CERTIFICATE//

This is to certify that, Miss. **Sardeshmukh Arpita Arun** student of BE Electrical III Year of the Zeal College of Engineering Research Narhe, Pune – 41. She has completed Industrial training in our Sugar Industry from Date 10.04.2024 to 02.05.2024.

During the above period, he found regular in her attendance & obtained necessary information.


Managing Director
Vikasratna Vilasrao Deshmukh
Manjara Shetkari Sahakari Sakhar Karkhana Ltd
Vilasnagar, Tq. Dist. Latur

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PRECICON

Filtration & Separation Technologies

Date: 20/02/2024

Certificate Of Internship

To,

Mr. SAWANT RAHUL

TO WHOM IT MAY CONCERN

We Present this certificate to Mr. SAWANT RAHUL appreciation of his work in Quality and Maintenance in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

PRECICON TECHNOLOGIES



Authorized signatory



PRECICON Technologies

Works: Survey Number-42/21, Near MIDC Police Station, Deshmukhnagar, Satara - 415004, India
E-Mail: info@precicontech.com, precicontechnologies@gmail.com



REF/SAPL/24-25/152

Date : 20/02/2024.

Certificate Of Internship

To,

Mr. Munnawar Hamza Miyan Sayyed

TO WHOM IT MAY CONCERN,

We Present this certificate to Mr.Munnawar H Sayyed in appreciation of his work in Quality and Production department in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024.

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

For SAS Automation Pvt. Ltd.

Authorized signatory



H. Office : 401 Rohan Tower, Opp. Mega Mart, Pune-Mumbai Road, Dapodi, Pune - 411 012
Unit I : Plot No. 58, 59/8, D-II Block, Shree Sant Dnyaneshwar Industrial Estate, MIDC, Chinchwad, Pune - 411 019
Unit II : Inamdar Vasti, Vadhu Road, Koregaon Bhilma, Tal. Shirur, Dist. Pune - 412 216
Kolkata : 5th Floor Plot K & GP RDB Boulevard, 1 Street Number 18, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal- 700091
Mumbai : Vishal Pride Chs. Ltd. Shop NO. 6, Plot No.59, Sector New 50, Seawood Navi Mumbai- 400706
E-mail : marketing@sasengineering.in Website : www.sasautomation.in / www.tadc.co.in / www.sasnextgen.co.in



Ref.no -GEN/EST/2023-24/24

Date-16/Feb/2024

INDUSTRIAL TRAINING COMPLETION LETTER

This is to certify that **Mr. Prathamesh Rajendra Shinde**. Has successfully completed his Industrial Training program with Genesis Technologies. His Training tenure was from **15/01/2024 to 16/02/2024**. He was working as **Working as PCB Designer**. Trainee and was actively involved in the project and completed tasks which was assigned to him

He was work on **Working as PCB Designer**. During the span we found him as a punctual and hardworking person. His learning powers are good and he picks up swiftly.

We wish him a bright future ahead .



Genesis Technologies



Shantaram Engineering

House Wiring, Home Appliance Repair, Maintenance, Solar Systems, etc.

S. No. 46/5, Gujarwadi Road, Jadhav Nagar 2, Katraj, Pune - 411046

Date: April 30, 2024

CERTIFICATE OF INTERNSHIP

To,

Mr. Sujit Dhananjay Shinde

TO WHOM IT MAY CONCERN

We present This certificate is presented to Mr. Sujit Dhananjay Shinde

in appreciation of his work in the House wiring and maintenance of home appliances in our organization.

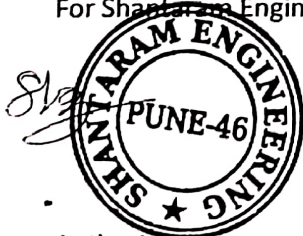
Duration of Internship: March 25, 2023, to April 28, 2024

During his internship, Mr. Sujit Dhananjay Shinde

displayed strong skills and a self-motivated attitude towards learning new things.

We appreciate his contributions to our organization and wish him all the best in his future endeavours.

For Shantaram Engineering



Authorized Signatory

CERTIFICATE OF INTERNSHIP

Date: 03/02/2024

To,

Mr. Vishal Santosh Shinde

To WHOM IT MAY CONCERN

We Present this certificate to Mr. Vishal S Shinde in appreciation of his work as a Server Manager in our organization from last 01 months.

Duration of Internship: 01/01/2024 to 01/02/2024

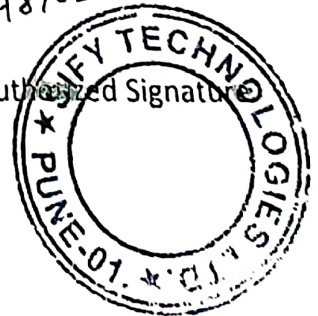
During the internship, he displayed good skills and self-motivated attitude to learning new skills.

We appreciate your contribution at our company. We wish you a successful future.

From, Sify Technologies Limited

Mandak Puri
Mandak Puri
9987052536

Authorized Signatory



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ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER ANDELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115GST NO :
27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.

MR. PRAVIN ASHOK SHIVANE

We present this certificate to Mr. PRAVIN ASHOK SHIVANE
work in our organization from last 01 months.

in appreciation of his

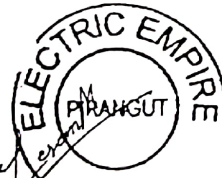
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-
motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire


Authorized Signatory



AKAR ELECTROMATIONS PVT LTD

FL 11, BN.3, SN 17/1B, CHANAKYANAGARI,
HINGNE KD, PUNE 411051

Mobile No: - 7722063230/7722063226

Email: - akarelectromations@gmail.com

GSTIN: 27AAJCP5582C1Z9

State: 27-Maharashtra

To,
The Principal.
ZCOER,
NRHE PUNE

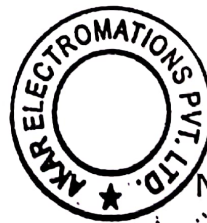
Subject: Internship Completion Certificate

Dear Madam/ Sir,

"I am pleased to inform you that Mr. Shrimal Shrikant Mane, a student from your college, has successfully completed the 'one Month Internship Programme' in our organization. He has been provided with adequate exposure and necessary hands-on training related to his special subject.

I am confident that Mr. Shrimal Shrikant Mane will perform effectively in similartypes of organizations. I wish him every success in his future endeavors.

Thank you.



Sincerely

A.R. Jadhav

Name & sign

Certificate of Completion of Internship

This is to certify that Miss. Sonam Omprakash Solapure a student of ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE, has successfully completed an internship at X Trans Enterprises from 4th April 2024 to 23rd April 2024.

During the internship period Miss. Sonam Omprakash Solapure has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate Miss. Sonam Omprakash Solapure on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD X TRANS ENTERPRISES.

Date: - 23rd April 2024.

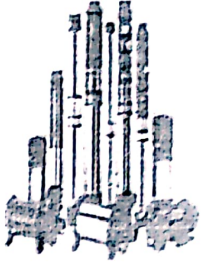


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AJIT ELECTRICALS

Maintenance of Single phase and Three phase Induction Motor and Submersible pump and New Selling
Office: 129/2/1 D.S.K. Road Near Laxmi Mangal Karyalaya, Barangani Mala, Dhayari Tal. Haveli Dist. Pune-411041
Email: ajitelectricals3333@gmail.com
Mo. No. 7743880072, 7875631904



REF/SE/PER/13-22/237
Date : 20/02/2024

Certificate Of Internship

To,

Mr. Pratik Dadarao Surwade

TO WHOM IT MAY CONCERN

We Present this certificate to Mr. Pratik Dadarao Surwade in appreciation of his work in Quality and Maintenance in our Organization from last half month.

Duration of Internship: 18/01/2024 to 18/02/2024

During the internship he is displayed good skills and a self-motivated attitude to learning new skills.

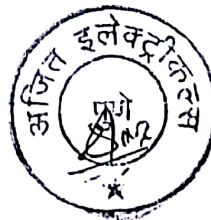
We appreciate your contribution at our company. We wish you a successful future.

For AJIT ELECTRICALS

अजित इलेक्ट्रीकल्स करिता

प्रोप्रायटर

Authorized signatory





Efficient Toroidal Coil Corporation

UNIT NO.11, ELECTRONIC SADAN-1, M.I.D.C., BHOSARI, PUNE-411 026. (INDIA)

PHONE : (020) 27129614, 46305321

E-mail : efficienttoroidal@yahoo.com / efficient_toroidal@rediffmail.com

Web Site : www.etccindia.com

Ref No. : ETCC/RD

Date : 22/04/24

CERTIFICATE OF INTERNSHIP

To whom so ever it may concern

WE PRESENT THIS CERTIFICATE TO Mr. RAMESHWAR DINKAR SURWASE

IN APPRECIATION OF HIS WORK IN OUR QUALITY AND TESTING IN OUR

ORGANIZATION FROM LAST ONE MONTH

DURATION OF INTERNSHIP : 15/3/24 TO 14/4/24

DURING THE INTERNSHIP HE IS DISPLAYED GOOD SKILL AND SELF MOTIVATED

ATTITUDE TO LEARNING NEW SKILLS.

WE APPRECIATE YOUR CONTRIBUTION AT OUR COMPANY. WE WISH YOU A

SUCCESSFUL FUTURE.

FOR EFFICIENT TOROIDAL COIL CORPORATION

AUTHORISED SIGNATORY

For Efficient Toroidal Coil Corporation

Proprietor

MANUFACTURERS OF

- TOROIDAL TRANSFORMERS UP TO 15 KVA • CURRENT TRANSFORMERS-MA & A SEC. • RHEOSTAT-UP TO 10000 WATT
- POSITION SENSOR - ROTARY / LINEAR MOTION-WIRE WOUND • WIRE WOUND SINGLE TURN POTENTIOMETERS 1W TO 12 W
- WIRE WOUND RESISTORS HIGH WATTAGE • WIRE WOUND SERVO POTENTIOMETERS • LOAD BANK



ELECTRIC EMPIRE

ALL TYPES OF ELECTRICAL AUTOMATION CONTROL PANELS MANUFACTURER ANDELECTRICAL
GOODS SUPPLIER

OFFICE : - AT POST PIRANGUT TAL MULSHI DIST PUNE 412115GST NO :
27GFVPM2357N1ZF

Mob No. :-7875631904,7743880072

Date 20/01/2024

CERTIFICATE OF INTERNSHIP

TO.
MR. GAURAV SOMNATH SURYAWANSHI

We present this certificate to Mr. GAURAV SOMNATH SURYAWANSHI in appreciation of his work in our organization from last 01 months.

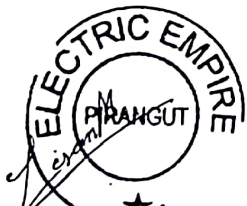
Duration of Internship : 18/12/2023 to 18/01/2024

During this Period, we found him to be sincere, hardworking and dedicated individual And a self-motivated attitude to learning new skills.

We wish him all the best for his future endeavour.

Thanking You,

For Electric Empire


Authorized Signatory

13



Manufacturers of X - Ray Transformers

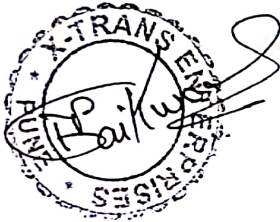
X - TRANS ENTERPRISES

Certificate of Completion of Internship

This is to certify that **Miss. Vaishnavi Santosh Tathe** a student of **ZEAL COLLEGE OF ENGINEERING AND RESEARCH PUNE**, has successfully completed an internship at X Trans Enterprises from **12th March 2024** to **12th April 2024**.

During the internship period **Miss. Vaishnavi Santosh Tathe** has demonstrated outstanding dedication, hard work, and exceptional learning ability. She has shown keen interest and enthusiasm towards learning and has made valuable contribution.

We congratulate **Miss. Vaishnavi Santosh Tathe** on the successful completion of her internship and wish her all the best for her future.



Internship Supervisor.

NIKHIL GAIKWAD **X TRANS ENTERPRISES.**

Date: - 12th April 2024.

74

E-mail:manjsssk1984@gmail.com.

Phone : 267472, 73, 74

VIKASRATNA VILASRAO DESHMUKH
MANJARA SHETKARI SAHAKARI SAKHAR KARKHANA LTD;
VILASNAGAR TQ. & DIST LATUR.

Out. No. GAD/LWO/Training/F-42/

/2024-25


Date:- 02/05/2024

No 335-1

//CERTIFICATE//

This is to certify that, Miss.**Thote Vijaya Vilasrao** student of BE Electrical III Year of the Zeal College of Engineering Research Narhe, Pune – 41. She has completed Industrial training in our **Sugar Industry** from Date 10.04.2024 to 02.05.2024.

During the above period, he found regular in her attendance & obtained necessary information.


Managing Director
Vikasratna Vilasrao Deshmukh
Manjara Shetkar Sahakar Sakhar Karkhana Ltd
Vilasnagar, Tq. Dist. Latur

75

VAISHNAVI ELECTRICAL AND CONTRACTORS



Govt. Electrical Licensed Contractor, All Type Electrical Works.

✉ rajendrbzagade@gmail.com

Prop. Rajendra B. Zagade Mob. 7020258445 / 9359121814

GSTIN : 27ABIPZ2255K1Z2

Vendor Code - 100002001

M.C. No. - 25426

At- Shindewadi, Post :Kazad, Tal : Indapur, Dist : Pune. - 413104 (MH)

Ref.No.

Date : 5 / 4 / 2024

CERTIFICATE OF INTERNSHIP

TO,
MS. AISHWARYA SUNIL TONDE

We present this certificate to **MS. AISHWARYA SUNIL TONDE** in appreciation of her work in our organization from last 01 month.

Duration of Internship: 01/03/2024 to 30/03/2024.

During this Period, we found her to be sincere, hardworking and dedicated individual and a self-motivated attitude to learning new skills.

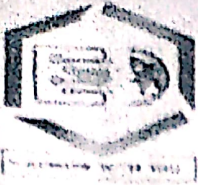
We wish her all the best for her future endeavor.

Thanking You,



From M/s.Vaishnavi Electrical & Contrctors

Authorized Signatory



Expert Electrical & Engineers

ALWAYS WITH YOU...

Control Panel Manufacturer & Electrical Service Provider

GSTIN: 27AAJEE2864K1Z2

PAN No: AAJEE7864E

Date: 07/02/2024.

To,

Miss. Nikita Umbarje

TO WHOM SO EVER IT MAY CONCERN

We Present this certificate to Miss Nikita Annappa Umbarje in appreciation of his work in Control Panel Manufacturing in our Organization from last 1 Month.

Duration of Internship:- 05/01/2024 to 07/02/2024.

We found she is hard working and sincere.

We appreciate your contributions at our company. We wish you successful future.

This certificate is issued to her on his request and without any liability on us.

FOR EXPERT ELECTRICAL & ENGINEERS

Thanking you
Expert Electrical & Engineers



Add: Shop No 06, SK. No-128/3/20/1, DSK Road, Karungehi Mala, Dhayal, Pune-411041
Email ID: expertelectricals21@gmail.com / expertengineers21@gmail.com
Contact No: 9820019283

03 February 2024

CERTIFICATE OF INTERNSHIP COMPLETION

This is to certify that **SHREEYASH SHRISHAIL UTAGI** has successfully completed the internship program at pqExcel Solutions LLP.

This internship, which commenced on 1st Jan 2024 and concluded on 31st Jan 2024, provided Shreeyash with valuable exposure to the Control Panel Manufacturing sector. Throughout the internship period, he actively engaged in various tasks and demonstrated a commendable level of dedication, professionalism, and a strong desire to learn.

During the internship, Shreeyash was involved in researching various methods of Earthing, control panels' overall construction and working, protection of electrical equipment, etc. He exhibited excellent analytical and problem-solving skills, contributing positively to the team and demonstrating a strong work ethic.

We express our appreciation for Shreeyash's valuable contribution to our team and wish him the very best in his future endeavours. May he continue to excel and achieve great success in his chosen career path.



Sourabh Deepak Apte
Partner

pqExcel Solutions LLP

MAIL/HR/2024

Date: 12.02.2024

To Whomsoever It May Concern

This is to certify that **Mr. Karan Ashok Veer** (Contact no. 9511233308) of **ZEAL College of Engineering and Research, Narhe, Pune** has undergone Internship training in Quality Assurance Department of our Manufacturing Plant at Talegaon Dhamdhere, Tal. Shirur, Dist. Pune from 12th January, 2024 to 12th February, 2024.

During the tenure of his internship with the Company, we found him sincere and hardworking.

We wish him all the success for his future endeavors.

For Mecc Alte India Private Limited



Aslam Parvez

DGM - HR, IR & Admin.





Expert Electrical & Engineers

ALWAYS WITH YOU...

Control Panel Manufacturer & Electrical Service Provider
GSTIN: 27AAJH12864K1Z2 PAN No: AAJFE2864E

Date: 07/02/2024.

To,

Miss. Nikita Waghmare

TO WHOM SO EVER IT MAY CONCERN

We Present this certificate to Miss Nikita Rajabhau Waghmare in appreciation of his work in Control Panel Manufacturing in our Organization from last 1 Month.

Duration of Internship:- 05/01/2024 to 07/02/2024.

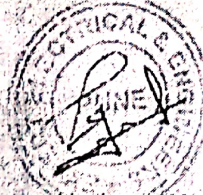
We found she is hard working and sincere.

We appreciate your contributions at our company. We wish you successful future.

This certificate is issued to her on his request and without any liability on us.

FOR EXPERT ELECTRICAL & ENGINEERS

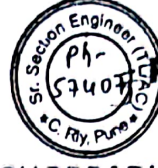
Thanking you
Expert Electrical & Engineers



Add: Shop No-04, Sr. No-12/3/20/1, DSK Road, Barangwadi Mala, Rahaji, Pune-411011.
Email ID: expertelectricals21@gmail.com/expertengineers21@gmail.com
Contact No: 9830019282

80

CENTRAL RAILWAY



PUNE DIVISION

SSE(TL/AC) PUNE,


GHORPADI INTEGRATED COACHING COMPLEX, GHORPADI, PUNE - 411001

Subject:- Regarding Internship Programme for Engineering Students

Reference:- ZES/NC/2019, Dated-18/12/2023 from office of HOD- Electrical department of Zeal College of Engineering & Research.

Internship Programme Certificate

This is to certify that trainee **Mr. Aniket Rameshwar Walale** completed his one month internship session from **12th January 2024 to 12th February 2024** in Electrical department (TL/AC), Pune Division , Central Railway. His Performance during internship was excellent.


सिनियर सेक्शन इंजिनियर मा.प्र. वाता. - (एल.एच.बी.)
5/03/2024

मध्य रेल, पुणे
Senior Section Engineer TL/AC/ (L.H.B.)
Central Railway

81

CENTRAL RAILWAY



PUNE DIVISION

SSE(TL/AC) PUNE,


GHORPADI INTEGRATED COACHING COMPLEX, GHORPADI, PUNE - 411001

Subject:- Regarding Internship Programme for Engineering Students

Reference:- ZES/NC/2019, Dated-18/12/2023 from office of HOD- Electrical department of Zeal College of Engineering & Research.

Internship Programme Certificate

This is to certify that trainee **Mr. Manish Sunil Wandhare** completed his one month internship session from **12th January 2024 to 12th February 2024** in Electrical department (TL/AC), Pune Division , Central Railway. His Performance during internship was excellent.


15/03/2024
सिनियर सेक्शन इंजिनियर-गो.प्र./वाता.-(एल.एच.बी.)
मध्य रेल, पुणे
Senior Section Engineer TL/AC/ (L.H.B.)
Central Railway

82

VAISHNAVI ELECTRICAL AND CONTRACTORS



Govt. Electrical Licensed Contractor, All Type Electrical Works

M rajendrbzagade@gmail.com

Prop. Rajendra B. Zagade Mob.7020258445 / 9423048281

GSTIN : 27AAFPZ1851M2Z2

Vendor Code - 100002001

M.C. No. - 25426

At- Shindewadi, Post :Kazad, Tal : Indapur, Dist : Pune. - 413104 (MH)

Ref.No.

Date : 5 / 4 / 2024

CERTIFICATE OF INTERNSHIP

TO,

MS. VAISHNAVI RAJENDRA ZAGADE

We present this certificate to MS. VAISHNAVI RAJENDRA ZAGADE in appreciation of her work in our organization from last 01 month.

Duration of Internship: 01/03/2024 to 30/03/2024.

During this Period, we found her to be sincere, hardworking and dedicated individual and a self-motivated attitude to learning new skills.

TO,

We wish her all the best for her future endeavor.

Thanking You,



From M/s.Vaishnavi Electrical Contractors

Authorized Signatory



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

List of Project Topics

Department: Electrical
Class: B.E.

Semester: II
Div: A&B

Academic Year: 2023 - 2024
Date:

Project Group No.	Roll Number	Names of the student	Project Guide Name	Project topic
G1	B411013	Borase Harshal Suresh	Dr. M. G. Unde	Energy Harvesting from moving Vehicles on Highways
	B411009	Bhosale Anjali Vijay		
	B412022	Nadgouda Shreeharsh Girish		
	B412028	Patil Sanika Vijay		
G2	B411006	Vaishnavi Bhandwalkar	Mrs. R J patil	Metal detection using PLC.
	B411065	kachare sakshi hanumant		
	B411016	Chavan Asavari Sanjay		
	B411015	Chaudhari Diya Sandip		
G3	B411071	Kamble Vishal Babu	Mrs. Bhagyashri Sherkhane	Concentrated Solar Thermal Power Plant (Power Tower System)
	B412025	Panchal Kartik Hanuman		
	B412032	Pawar Swapnil Dasharath		
	B411056	Gurav Vaibhav Sunil		
G4	B411024	Rutuja Suhas Dabhadre	Mr. Ashish Malgave	Converting an IC engine into EV
	B411038	Saurabh Donge		
	B411063	Sagar Kaluram Jankar		
G5	B411059	Nikita Dilip Jadhav	Mr. Ashish Malgave	Electric Bicycle
	B411017	Chinmay Dhondiram Chavan		
	B411062	Viraj Jadhav		



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

	B411057	Rameshwar Ithape		
G6	B412038	Punde Saurabh Sanjay	Mrs. Snehal Dharme	Electric Vehicle BMS for fire protection
	B412039	Puyad Pratik Dattatray		
	B411058	JADHAV ABHISHEK ANANDA		
	B411028	Dawande Hitesh Suresh		
G7	B411068	KAMBLE ASHISHKUMAR VILAS	Mrs. Artee Sudke	Transforming highways into Electric pathways
	B411004	BANDGAR VISHAL APPASO		
	B411026	DALVI SUSHIL SUHAS		
	B411061	JADHAV RAHUL SHASHIKANT		
G8	B412046	SAWALE ABOLI SHIVSHANKAR	Mr. J. A. Gurav	Revolutionizing Transportation
	B412013	Kumbhar Tejal Sanjay		
	B412014	Lokhande Navtej Sudam		
	B412017	Manekar Saurav Sahebrao		
G9	B412055	Kunal Dilip Shitole	Dr. Dev Kumar Rai	Solar tracking system and Payment method
	B411044	Ritesh Bharat Gaikwad		
	B411069	Rohit Navnath Kamble		
	B411073	Shweta Deepak Karande		
G10	B411012	Dhiraj Ravindra Borse	Mr. Bhanu pratap singh	Thermo electric generator and thermo electric cooling battery cooling system
	B412002	Prathmesh Dattatray Kedar		
	B412068	Pradnya Prashant Vichare		
	B412072	Rohini Navnath yewle		
G11	B411010	Shubham Vishnu Bhujbal	Mr. Chaitanya Deshpande	Hybrid (Solar + Wind) street light
	B412001	Aditya Sushas Katkar		



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ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

	B412051	Akshay Mahadev Shinde		
	B412059	Suraj Machindra Suryawanshi		
G12	B412006	Khodve Manoj Jayram	Mr. Bhanu pratap singh	Dynamic Wireless charging for Electric Vehicle
	B412016	Mali Suyash Ashok		
	B412027	Patil Pratik Prakash		
	B411048	Gayke Prabhakar Dashrath		
G13	B412033	Pawar Vaibhav Pantharinath	Mr Pavan Bhujwale	PLC based Dam shutter control
	B412036	Potdar Maya Uttam		
	B412040	Rajguru Kajal Santosh		
	B412044	Sargar Ajay Ramchandra		
G14	B412054	Sejal Subhash Shinde	Ms. Nancy Kumari	Face recognition based attendance system
	B412053	Rutuja Santosh Shinde		
	B412023	Aniket Asaram Nagargoje		
	B412021	Pramod Vitthalrao Muchwad		
G15	B412015	vaibhav sudhakar Londhe	Dr. M. G. Unde	Smart fault detection system for electrical motors
	B412057	Omkar vivekanand Sonawane		
	B412029	Shveta Ambadas Patil		
	B411019	Ketaki Dayanand Chavan		
G16	B412043	Bhushan Duryodhan sapkal	Mr..Mahaboob Qureshi	Ionic Thruster: The future of Space travel and Aviation
	B412045	Rishabh Gunwanta Sarve		
	B412048	Shah Faisal Intezar Ahmad		
	B412031	PAWAR RUSHIKESH RAHUL		
G17	B411005	Komal Satu Bhagit	Mr..Mahaboob Qureshi	Substation Monitoring



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ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date:01/04/2021

	B411007	Sunita Bhiku Bhange		over GSM with Flood and Earthquake Detector
	B411022	Sanjana Prashant Chinchole		
	B411036	Manoj Dilip Doifode		
G18	B412061	Prathamesh Avinash sutar	Dr. Dev Kumar Rai	Sun Tracking Solar panel
	B411011	Vishnu Maruti Birajdar		
	B411002	Viabhav Dnyaneshwar Anerao		
	B412063	shubham Tembore Ankush		
G19	B411033	Rohit Dhokte	Ms.Nancy kumari	
	B411050	Vikey Giri		
	B411060	Nilesh Arun Jadhav		
G20	B411014	Shubham Chomibule	Mrs. Artee Sudke	Invelox wind turbine
	B411029	Abhay deshमुख		
	B411055	Rohit gupta		
	B411020	Rohit Bhimashankar Chavan		
G21	B412062	TAJNE CHETAN SATISH	Dr. Dev Kumar Rai	Intelligent solar powered home automation and Gas detection alert system
	B412058	SURVE TEJAS DEEPAK		
	B412052	SHINDE PRATIK RAJESH		
	B412049	SHAIKH SAMIR AHMED		
G22	B412003	KHARAT AJAY MADHUKAR	Dr. Dev Kumar Rai	E-Bike with additional safety feature
	B412041	RANE GOKUL HEMARAJ		
	B412064	THAKARE CHANDRAKANT RAVINDRA		
	B412018	MAURYA PRATIKSHA		
G23	B412020	Ajit More	Ms. Bhagyashri Sherkhane	Development of solar based portable refrigerator systems
	B411021	vaishnavi chavan		



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

	B412026	Gayatri Patil		using Peltier Module
	B412030	Vikas Pawale		
G24	B412056	SONAR ROHIT SHIRISH	Mrs. Snehal Dharme	Supercapacitor based Electric Vehicle
	B411049	Giri Maroti suresh		
	B412004	kharmale swaraj bajrang		
	B412010	kudale prathamesh yuvraj		
G25	B411053	Punamchand Gumladu	Mr. J. A. Gurav	Smart Safety Devices for women using IOT
	B412012	Tanaya Kulkarni		
	B412070	Pooja Waghmare		
	B412047	Abhishek sawant		
G27	B412071	Rutuja Deepak Yeole	Mrs. R J patil	Automated floor clearing robot / RFID based air break switch
	B412065	Rudrank Thakare		
	B412074	Sarvesh Hiwrale		
	B412019	Spandan Mendhe		
G28	B411041	Rahul Mohan Farke	Dr. Dev Kumar Rai	A single inductor multiport power converter for EV application
	B411042	Sakshi Bhagwat		
	B411003	Vaishnavi Bade		
	B411051	Hritik Gitte		
G30	B411047	Suraj Gavhane	Mr. Ashish Malgave	Arduino smart EV control
	B411032	Gaurav Dharve		
	B411030	Vishal Deshmukh		
	B412066	Ketan Thorat		

Raj
Project Coordinator

f Jid Roy
Head of the Department
Head of Department
Department of Electrical Engineering
Zeal College of Engineering & Research
Narhe, Pune - 411041

DEPARTMENT OF ELECTRICAL ENGINEERING

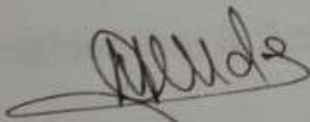



Zeal College of Engineering & Research, Pune

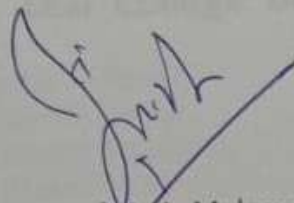
Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Energy Harvesting from Moving Vehicles on Highways" submitted by Ms. Anjali Bhosale, Mr. Harshal Borase, Mr. Shreeharsh Nadgouda, Ms. Sanika Patil is the bonafied record of work done by him/her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Dr. M. G. Unde
Guide
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. A. A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 27/5/24

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Motor Fault Detection Using IOT" submitted by Ms.Kachare Sakshi hanumant, Ms.chaudhari diya Sandip, Ms.Chavan asavari Sanjay, Ms.Bhandawalkar Vaishnavi Sanjay is the bonafied record of work done by her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Raj
Prof. R.J.Patil
Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

f. Raj
Prof. Raj
Project Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune

Ashish
Prof. Ashish Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 28/5/24


DEPARTMENT OF ELECTRICAL ENGINEERING





Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Concentrated Solar Thermal Power Plant" submitted by Mr. Vaibhav Gurav, Mr. Vishal Kamble, Mr. Kartik Panchal, Mr. Swapnil Pawar is the bonafied record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Bhagyashri Sherkhane
Project Guide
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Ashish Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 28/05/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled “Converting An Internal Combustion Engine Vehicle To An Electric Vehicle” submitted by Ms. Rutuja Suhas Dabhade, Mr. Sagar Kaluram Jankar, Mr. Saurabh Balaji Donge is the bonafied record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. A.A. Malgave
Project Guide
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. A.A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 27/05/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled “Electric Bicycle” submitted by Mr. Chinmay Dhondiram Chavan, Ms. Nikita Dilip Jadhav, Mr. Viraj Vishnu Jadhav is the bonafied record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. A.A. Malgave
Project Guide
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. A.A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

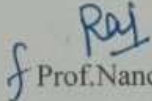
Narhe, Pune-411041

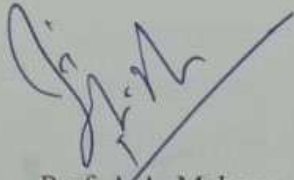
CERTIFICATE

This is to certify that the project report entitled “EV BMS WITH CHARGE MONITORING AND FIRE PROTECTION” submitted by Mr.Saurabh Sanjay Punde, Mr. Prateek Dattatray Puyad, Mr.Hitesh Suresh Dawande, Mr.Abbhishek Ananda Jadhav is the bonafied record of done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research Narhe, Pune for the academic year of 2023-24.


Prof. Snehal Dharme

Project Guide
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari
Project Co-ordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. A.A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled **“Transforming Highway Into Electric Pathway”** submitted by **Mr. Vishal Appaso Bandgar, Mr. Sushil Sushas Dalvi, Mr. Rahul Shashikant Jadhav, Mr. Ashishkumar Vilas Kamble**, is the bonafied record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. A.A. sudke

Project Guide

Electrical Engineering

Z.E.S. ZCOER, Pune

Prof. Nancy Kumari

Project Coordinator

Electrical Engineering

Z.E.S. ZCOER, Pune

Prof. A.A. Malgave

Head of Department

Electrical Engineering

Z.E.S. ZCOER, Pune

Place: Pune

Date:

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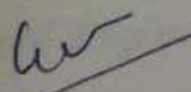


Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled, "Revolutionizing Transportation submitted by Aboli Sawale, Navtej Lokhande, Saurav Manekar, Tejal Kumbhar is a bonafied record of work done by him/her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Jaysing Gurav

Guide

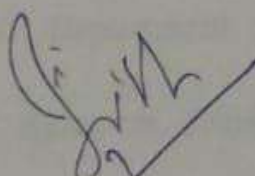
Electrical Engineering

Z.E.S. ZCOER, Pune


Project Coordinator

Electrical Engineering

Z.E.S. ZCOER, Pune


Prof. Ashish Malgave
Head of Department

Electrical Engineering

Z.E.S. ZCOER, Pune

Place: Pune

Date: 28/05/24

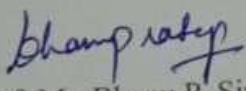
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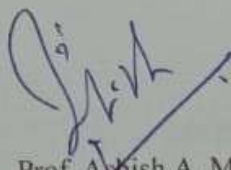
Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "TEG & TEC BATTERY COOLING SYSTEM" submitted by Mr. Dhiraj R. Borse, Mr. Prathmesh D. Kedar, Ms. Pradnya P. Vichare, and Ms. Rohini N. Yewle is the bonafide record of work done by them under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Mr. Bhanu P. Singh
Guide
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Ashish A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:



CERTIFICATE

This is to certify that the project report entitled "SOLAR AND WIND HYBRID STREETLIGHT" is a bonafide work carried out by them under the supervision of Prof. Chaitanya Deshpande and it is approved for the partial fulfillment of the requirement for the award of the Degree of Bachelor of Electrical Engineering. This Project report has not been earlier submitted to any other institute or university for the award of any degree.

Chaitanya Deshpande
27/05/24

Prof. Chaitanya Deshpande
Assistant Professor, and
Guide of the project
Department of Electrical
Engineering
ZES, ZCOER, Pune

Rajeshri Patil

Prof. Rajeshri Patil
Project Coordinator
Department of Electrical
Engineering
ZES, ZCOER, Pune

Ashish Malgave

Prof. Ashish Malgave
Head of Department,
Department of Electrical
Engineering, ZES,
ZCOER, Pune.

External Examiner

External Examiner

Date: 28/5/2024

Place: Pune

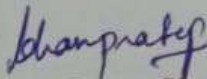
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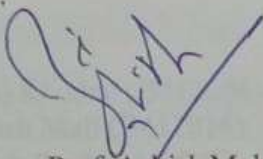
Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Dynamic Wireless Charging Of Electric Vehicle En Route" submitted by Mr. Manoj Khodve, Suyash Mali, Pratik Patil, Prabhakar Gayke is the bonafide record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Bhanu Pratap Singh
Guide
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Ashish Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "PLC BASED AUTOMATIC DAM SHUTTER CONTROL" submitted by MR. PAWAR VAIBHAV PANTHARINATH, MISS. POTDAR MAYA UTTAM, MISS. RAJGURU KAJAL SANTOSH, MR. SARGAR AJAY RAMCHANDRA is the bonafied record of work done by him/her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. P. B. Bhujbale
Guide
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. Rajesh
Project Coordinator
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. A. A. Malgare
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 28/05/2024

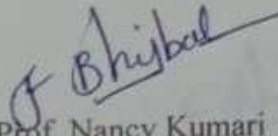
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Narhe, Pune-411041

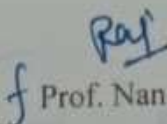
CERTIFICATE

This is to certify that the project report entitled "Face Recognition Based Attendance System" submitted by Ms. Sejal Shinde, Ms Rutuja Santosh Shinde, Mr. Aniket Nagargoje, Mr. Pramod Muchwad is the bonafied record of work done by him/her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Nancy Kumari

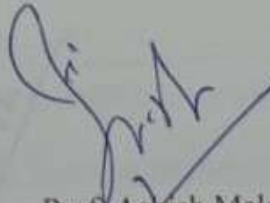
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Electrical Engineering
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Prof. Nancy Kumari

Project Coordinator

Electrical Engineering
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Prof. Ashish Malgave

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the seminar report entitled "Fault Detection System in Electrical Motors using IOT" submitted by Miss. Ketaki Chavan, Miss. Shveta Patil, Mr. Vaibhav Londhe and Mr. Omkar Sonawane is the bonafied record of work done by her under my supervision, in partial fulfilment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. Dr. M.G. Unde
Guide

Electrical Engineering
Z.E.S.ZCOER, Pune

Ms. Nancy Kumari
Seminar Coordinator
Electrical Engineering
Z.E.S.ZCOER, Pune

Mr. Ashish Malgave
Head of Department
Electrical Engineering
Z.E.S.ZCOER, Pune

Place- Pune

Date: 27/5/2024

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Zeal College of Engineering & Research, Pune



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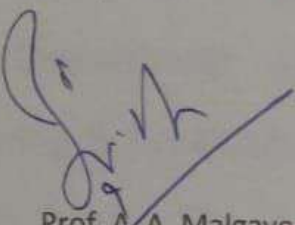
This is to certify that the project report entitled "Manufacturing Defect Detection System for Gear by Using Image Processing" submitted by Mr. Shah Faisal, Mr. Bhushan Duryodhan Sapkal, Mr. Rishab Gunwanta Sarve, Mr. Rushikesh Rahul Pawar, is the bonafied record of work done by her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Mehboob Qureshi
Guide

Electrical Engineering
Z.E.S. ZCOER, Pune

 
Prof. Nancy Kumari
Project Coordinator

Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. A. A. Malgave
Head of Department
Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Substation monitoring over GSM with flood and earthquake detection" submitted by Miss. Komal Satu Bhagit, Miss. Sunita Bhiku Bhange, Miss. Sanjana Prashant Chinchole, Mr. Manoj Dilip Doifode is the bonafied record of work done by him/her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. M. B. Qureshi

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Electrical Engineering

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Prof. A. A. Malgave

Head of Department

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Z.E.S. ZCOER, Pune

Place: Pune

Date:

DEPARTMENT OF ELECTRICAL ENGINEERING




Zeal College of Engineering & Research, Pune

Narhe, Pune-411041


CERTIFICATE

This is to certify that the project report entitled "Multifunction Military Robot" submitted by Mr. Abhay Deshmukh, Mr. Rohit Chavan, Mr. Rohit Gupta, Mr. Shubham Chambule is the Bonafede record of work done by him/her under my supervision, in partial fulfilment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Aarti Sudke

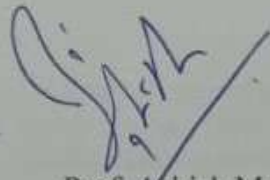
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Electrical Engineering
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Project Coordinator

Electrical Engineering
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Prof. Ashish Malgave

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

Place: Pune

Date: 27/05/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune
Narhe, Pune-411041

CERTIFICATE

This is to certify that the project report entitled "Development of solar based portable refrigeration systems using Peltier module." submitted by Mr. Ajit More, Miss. Vaishnavi Chavan, Miss Gayatri Patil, Mr. Vikas Pawale is the bonafied record of work done by him under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.

Prof. Bhagyashri Sherkhane
Project Guide
Electrical Engineering
Z.E.S. ZCOER, Pune

Prof. Nancy Kumari
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Prof. Ashish Malgave
Head of Department
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Z.E.S. ZCOER, Pune

Place: Pune

Date: 28/05/2024

DEPARTMENT OF ELECTRICAL ENGINEERING



Zeal College of Engineering & Research, Pune

Narhe, Pune-411041

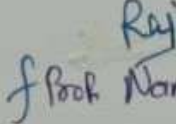
CERTIFICATE

This is to certify that the project report entitled "" submitted by **Mr. Maroti Suresh Giri, Mr. Swaraj Bajarang Kharmale , Mr. Rohit S. Sonar** is the bonafied record of work done by him under my supervision, in partial fulfillment of he requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Prof. Snehal Dharme

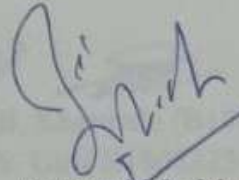
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Electrical Engineering
Z.E.S. ZCOER, Pune


Prof. Nancy Kumari

Project Coordinator

Electrical Engineering
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Prof. Ashish. Malgave

Head of Department

Electrical Engineering
Z.E.S. ZCOER, Pune

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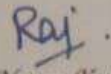
This is to certify that the project stage II report entitled "Smart Safety device for women using IOT" submitted by Mr. Punamchand Gumladu, Miss. Pooja Waghmare, Miss. Tanaya Kulkarni is the bonafied record of work done by her under my supervision, in partial fulfillment of the requirement for Graduate degree course in Electrical Engineering from Zeal College of Engineering & Research, Narhe, Pune for the academic year of 2023-24.


Mr. J.A. Gurav

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Electrical Engineering

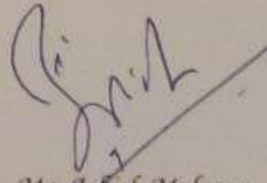
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Ms. Nancy Kumari

Seminar Coordinator

Electrical Engineering

Z.E.S.ZCOER, Pune



Mr. Ashish Malgave

Head of Department

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