

**Department of Electrical Engineering**

**List of Internship**

Academic Year	Name of Student	Class	Details of Internship Organization	Period of Internship	
				From	To
2018-19	NIL	NIL	NIL	NIL	NIL
2019-20	NIL	NIL	NIL	NIL	NIL
2020-21	NIL	NIL	NIL	NIL	NIL
2021-22	Bhandare Pratik Waman	TE	Vitesco Technologies Indial Pvt. Ltd Talegaon MIDC Pune	15.01.2022	15.02.2022
	Borde Devdatta Sharad	TE	GPP Engineering Services , Pune	10.03.2022	10.04. 2022
	Nikhil Ravindra Gite	TE	Sterlite Technolgies Pvt. Ltd MIDC Aurangabad	10.03.2022	23.04.2022
	Patil Nikhil Ramchandra	TE	Suzlon Energy Global Services Hadapsar, Pune	01.04.2022	30.04.2022
	Birari Sanket Madhukar	TE	Yog Electricals Malegaon MIDC Nashik	01.01.2022	24.01.2022
	Bokad Dipali Shankar	TE	Power Cab Industries MIDC Ambad Nashik	14.02.2022	12.03.2022
	Nikam Ananat	TE	HAL Nasik	07.03.2022	03.04.2022
	Chalase Prashant Baburao	TE	Rishib Instruments Pvt. Ltd MIDC Satpur Nashik	07.03.2022	03.04.2022
	Gangurde Rushikesh Eknath	TE	Amstrong Machine Build Pvt. Ltd Satana Nashik	01.03.2022	20.04.2022
	Chide Suyash Sushil	TE	Sterlite Technolgies Pvt. Ltd MIDC Aurangabad	10.03.2022	24.04.2022
	Gore Pallavi Sanjay	TE	Om Printing Flexible Packging MIDC Malegaon	11.02.2022	26.03.2022
	Gosavi Tanmay Shashikant	TE	Suzlon Energy Global Services Hadapsar, Pune	01.04.2022	30.04.2022
	Jagdale Anil Somnath	TE	TDK India MIDC Satpur Nashik	20.03.2022	20.04.2022
	Kale Darshan Shriram	TE	TDK India MIDC Satpur Nashik	01.02.2022	31.03.2022
	Khairnar Prasad Govind	TE	Sterlite Technolgies Pvt. Ltd MIDC Aurangabad	10.03.2022	24.04.2022
	Kurhade Tejaswini Anil	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	03.02.2022	31.03.2022
	Kalunke Aniket	TE	Om Printing Flexible Packging MIDC Malegaon	11.02.2022	26.03.2022
Narkhede Poonam Vinayak	TE	Vitesco Technologies Indial Pvt. Ltd Talegaon MIDC Pune	11.02.2022	26.03.2022	
Pagare Sakshi Ramesh	TE	Sai Engineers , nasik	03.02.2022	31.03.2022	
Patil Harshdeep Deelip	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	01.02.2022	18.03.2022	



	Pawar Sandeep Baliram	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	01.02.2022	11.03.2022
	Satbhai Rushikesh Nageshwar	TE	Arun Enterprices MIDC Ambad Nashik	01.07.2021	28.02.2022
	Sawant Rushikesh Dadaji	TE	Yog Electricals Malegaon MIDC Nashik	01.01.2022	24.01.2022
	Sayyed Saif Wasim	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	01.02.2022	11.03.2022
	Suryawanshi Yash Rajendra	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	01.02.2022	11.03.2022
	Vidhate Parth Srhikant	TE	Kyte Energy MIDC Satpur Nashik	01.03.2022	31.03.2022
	Yeole Shubham Prakash	TE	TDK India MIDC Satpur Nashik	01.03.2022	31.03.2022
	Wadekar Aditya	TE	Arun Enterprices MIDC Ambad Nashik	01.07.2021	28.02.2022
2022-23	Alhat Rohit Balasaheb	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	30.01.2023	27.02.2023
	Chaudhar Aditya Sanjay	TE	Shree Balaji Industries MIDC Ambad Nashik	21.01.2023	20.02.2023
	Ketan Sahebrao Suryawanshi	TE	New Red Lab Equipments Indra Nagar Nashik	21.01.2023	20.02.2023
	Kulkarni Saurabh Shekhar	TE	Ram Engineers Indiranagar, Nashik	21.01.2023	21.02.2023
	Mahajan Vipul Prashant	TE	ENEN Electrical Engineers (P) Ltd Anantpur, Dhule	21.01.2023	21.02.2023
	Mahesh Shivaji Aher	TE	Om Electricals Shiwaji Udyan, Palse, Nashik	60.03.2023	01.04.2023
	Mali Yash Kailas	TE	Shree Balaji Industries MIDC Ambad Nashik	21.01.2023	20.02.2023
	Rautmale Chandrakala Ashok	TE	CG Power and Industrial Solutions MIDC, Ambad, Nashik	23.01.2023	24.02.2023
	Sathe Tejas Shashikant	TE	Ram Engineers Indiranagar, Nashik	21.01.2023	21.02.2023
	Shejwal Nilesh Rajesh	TE	Om Electricals Shiwaji Udyan, Palse, Nashik	06.03.2023	01.04.2023
	Shivani Dnyaneshwar Halde	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	21.01.2023	21.02.2023
	Sonawane Rohit Jitendra	TE	Teknocrats Control Systems (P)Ltd MIDC, Satpur Nashik	01.02.2023	28.02.2023
	Sonawane Samruddhi Keshav	TE	CG Power and Industrial Solutions MIDC, Ambad, Nashik	23.01.2023	24.02.2023
	Suryawanshi Tejas	TE	Ram Power Project Limited		



Kalyani Charitable Trust's  
**Late G. N. Sapkal College of Engineering**

Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik – 422 213



Dnyaneshwar		Kalptarunagar Ashoka Marg, Nashik		
Wadwale Omkar Shivaji	TE	Om Electricals Shiwaji Udyan, Paise, Nashik	06.03.23	01.04.23
Barhe Kiran Jayram	TE	Shree Inertech Ashok Nagar, Satpur, Nashik	21.01.2023	20.02.2023
Bhagat Satish Laxman	TE	Ram Engineers Indiranagar, Nashik	21.01.2023	21.02.2023
Bhawar Prem Rohidas	TE	Icchamani Electricals Services Jail Road, Nashik	23.01.2023	24.02.2023
Dhanwate Aditya Bhaurao	TE	Shree Inertech Ashok Nagar, Satpur, Nashik	21.01.2023	20.02.2023
Dukale Mahesh Sanjay	TE	Kulswamini Corrugated Malegaon MIDC Sinner, Nashik	31.01.2023	27.02.2023
Gawali Khushabu Shahiram	TE	Accutech Trancare Accutech Trancare, Shindkhed, Dhule	21.01.2023	20.02.2023
Kakad Nikhil Suresh	TE	Sai Engineeris Nashik	23.01.2023	21.02.2023
Karaband Shubham Sadanand	TE	Shree Inertech Ashok Nagar, Satpur, Nashik	21.01.2023	20.02.2023
Rajput Karansing Surendrasing	TE	CG Power and Industrial Solutions MIDC, Ambad, Nashik	23.01.2023	24.02.2023
Tarware Amit Janardhan	TE	Shree Inertech Ashok Nagar, Satpur, Nashik	21.01.2023	20.02.2023
Waykole Kaustubh Vikas	TE	Sai Engineeris Nashik	23.01.2023	21.02.2023
Zole Mahendra Ramdas	TE	Shree Inertech Ashok Nagar, Satpur, Nashik	21.01.2023	20.02.2023

**Prof. R.N. Baji**  
Head of Electrical Department

**Prof. (Dr.) S. B. Bagal**

**Principal**  
**Prof. (Dr.) Sahebrao B. Bagal**  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



# **INTERNSHIP REPORT**

Report submitted in partial fulfilment of the requirements for academic year  
2022-2023

**Of**

**BE IN ELECTRICAL ENGINEERING**

**BY**

**TEJAS DYANESHWAR SURYAWANSHI**

**Under supervision of**

**Prof.P.R.Gajare**

**Report Of**

**'SOLAR PANEL INSTALLATION'**



**Kalyani Charitable Trust's Late G. N. Sapkal  
College of Engineering**

**Nashik ( 422001)**

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**Kalyani Charitable Trust's Late G. N. Sapkal College of  
Engineering**



**CERTIFICATE**

This is to certify that **Mr. Tejas Dnyaneshwar Suryawanshi** Exam Seat Number. T190762533 of T.E. (Electrical Engineering) successfully completed Internship “**Solar Panel Installation**” to our satisfaction and submitted the same during the academic year 2022-2023 towards the partial fulfilment of degree of Bachelor of Engineering of Savitribai Phule Pune University under the Department of Electrical Engineering, Late G. N. Sapkal College of Engineering, Nasik.

**Prof. P.R Gajare**  
**Internship Coordinator**

**Prof. R. N. Baji**  
**HoD**

**Prof. Dr. S. B. Bagal**  
**Principal**

# TABLE OF CONTENT

LETTER OF INTERNSHIP \_\_\_\_\_

ACKNOWLEDGEMENT \_\_\_\_\_

INTERNSHIP OBJECTIVES \_\_\_\_\_

WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

INTRODUCTION

- FOUNDATION FORMATION
- SUPPORT STRUCTURE ERECTION
- SOLAR PANELS
  1. MONOCRYSTALLINE SOLAR PANELS
  2. POLYCRYSTALLINE SOLAR PANELS
- WIRING
- CONTROLLER

MEASURING INSTRUMENTS

CONCLUSION

# INTERNSHIP Completed Certificate



## **RAM POWER PROJECTS PRIVATE LIMITED (OPC)**

Regd. Off.: 24, "RAM", KALPATARU NAGAR, ASHOKA MARG, POST DWARKA, NASHIK - 422 011.

Erection of EHV, HV, HT, Power Substations, Industrial/Commercial/Residential Complex Power Supply, HT Lines & Cables Renewable Energy Projects, Engineering, Energy Conservation & Savings Projects, Procurement & Construction Works. Power Consultants & Energy Auditors, Engineering Services.

E-mail: hrjadhav@rediffmail.com, Phone Office/Fax: 0253-2236422 Mobile: +91-98235.99957

Ref No:

Date: / / 20

Date 22nd Feb 2023.

This is to certify that Mr. Tejas Dnyaneshwar Suryawanshi, a student of **Third Year Electrical Student Engineering Late G.N. Sapkal College of engineering**, has successfully completed 45 days internship programme (From 21st Jan 2023 to 21st Feb 2023) internship at project Solar panel Installation branch of our company **Ram Power Project Pvt Ltd Nashik**.

During the period of his internship program with our company, he was found punctual, hardworking and inquisitive.

We wish him all the best in his career.

For

**RAM POWER PROJECTS PVT. LTD. (OPC)**

**Director**

**Ram Power Project PVT LTD**  
Nashik

## ACKNOWLEDGEMENT

It is a great pleasure and satisfaction to present Internship report on **Solar Panel Installation** towards partial fulfillment of degree in Electrical Engineering course as presented by **KCT's Late G.N.Sapkal Collage of Engineering Nasik**.

It takes me as a matter of pleasure to express my sincere thanks to **Prof.R.N.Baji** Assistant Professor and Head of Electrical Engineering Department for his guidance and suggestion during this Internship.

I am also grateful to, **Prof.S.S.Tidke, Prof.P.R.Gajare, Prof.R.U.Pawar, Prof.S.N.Hurpade**, Assistant Professors, Department of Electrical Engineering for their valuable help and guidance ,sharing expertise and sincere encouragement extended to me.

I would also give my sincere thanks to **Prof. Dr. S.B.Bagal**, for giving me an opportunity to do my degree in this reputed college.

I would like to thanks my parents for unceasing encouragement support and attention. I am grateful to my colleague and friends.



## ABSTRACT

- Internships are generally thought of to be reserved for college students looking to gain experience in a particular field. However, a wide array of people can benefit from Training Internships in order to receive real world experience and develop their skills.
- An objective for this position should emphasize the skills you already possess in the area and your interest in learning more.
- Internships are utilized in a number of different career fields, including architecture, engineering, healthcare, economics, advertising and many more.
- Some internship is used to allow individuals to perform scientific research while others are specifically designed to allow people to gain first-hand experience working.
- Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs.
- When you are applying for a Training Internship, make sure to highlight any special skills or talents that can make you stand apart from the rest of the applicants so that you have an improved chance of landing the position.

## WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

<b>1. 1st WEEK</b>	DATE	DAY	NAME OF THE TOPIC/MODULE COMPLETED
	21/1/2023	Saturday	Introduction to company
	23/1/2023	Monday	Introduction to Recruitment life cycle
	24/1/2023	Tuesday	Explanation of requirement gathering phase in Recruitment life cycle
	25/1/2023	Wednesday	Explanation of sourcing and selection process phases in Recruitment life cycle
	26/1/2023	Thursday	Explanation of offering and document collection in Recruitment life cycle

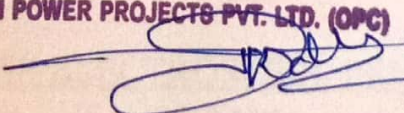
<b>2. 2nd WEEK</b>	DATE	DAY	NAME OF THE TOPIC/MODULE COMPLETED
	27/1/2023	Friday	Involve the actual installation
	30/1/2023	Monday	Will begin by mounting the racking system
	31/1/2023	Tuesday	Then attaching the panels to the racking system.
	1/2/2023	Wednesday	The team will also connect the panels to an inverter
	2/2/2023	Thursday	AC energy that can be used in the home

### 3. 3rd WEEK

DATE	DAY	NAME OF THE TOPIC/MODULE COMPLETED
3/2/2023	Friday	will conduct the electrical work necessary to connect the solar system to the home's electrical system
6/2/2023	Monday	This will involve installing a net meter
7/2/2023	Tuesday	The installation team will also conduct a final inspection to ensure solar panels and used by the home
13/2/2023	Monday	
14/2/2023	Tuesday	the system meets all safety and building code requirements.

<b>4. 4th WEEK</b>	<b>DATE</b>	<b>DAY</b>	<b>NAME OF THE TOPIC/MODULE COMPLETED</b>
	16/2/2023	Thursday	Final Touches and Clean-Up
	17/2/2023	Friday	complete any final touches to the system
	20/2/2023	Monday	such as cleaning up the worksite and removing any debris
	21/2/2023	Tuesday	They will also provide the homeowner with any final paperwork and warranty information
			Finally, the homeowner will be able to enjoy their new solar panel system and the savings on their energy bills.

## Signature and Stamp of company on Attendance

**RAM POWER PROJECTS PVT. LTD. (OPC)**  
  
**Director**

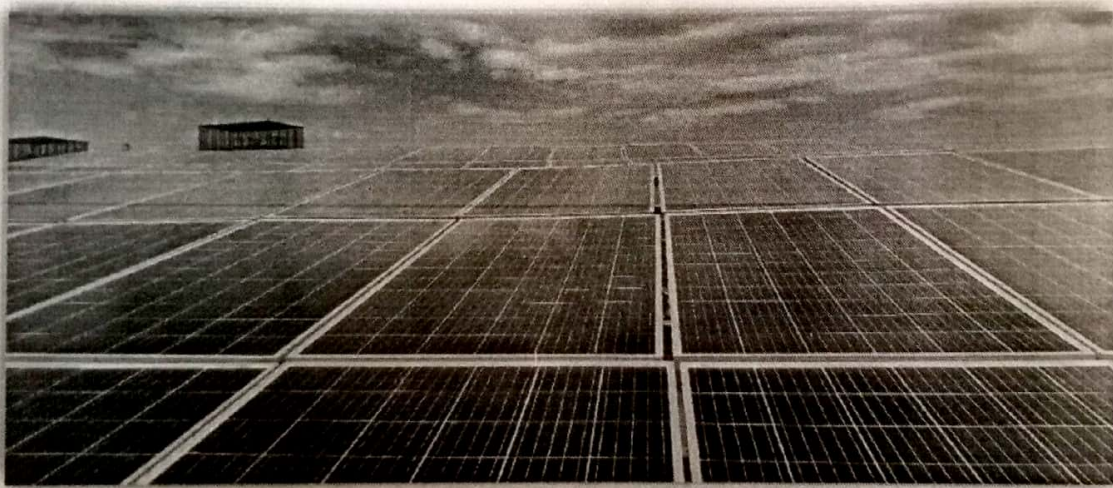
## INTRODUCTION

RAM ENGINEERS PVT. LTD is a professionally managed company with years of industry experience in developing and delivering Enterprise solar solutions.

Quality is the buzz word in today's world without which no organization can survive and flourish in this technology driven era.

It deals in industrial solar installation and commissioning firm which handles various projects in solar viz grid and storage type at Nashik, Pune, Nagar, etc.

It deals in estimation, inventory, installation & commissioning of the solar projects as and when required.



63 kW SOLAR PLANT (Actual Site)

We worked at the actual site at SR ELECTROSTEEL PRIVATE LIMITED, F-64 NASHIK. Installed capacity of this plant is 63 KW.

There we learned about the various phases in installation and commissioning of the grid connected solar system viz. Foundation formation, Erection of support structure, Installation of solar panels, wiring them, Connecting them to the grid controller.

- **FOUNDATION FORMATION**

To make the foundation ready for the structure (Steel) four holes about 5"-7" had been drilled for each leg and tightened with wedge bolts.



WEDGE BOLTS

- SUPPORT STRUCTURE ERECTION

Steel structure has been erected to act as a base for panels which are to be mounted on them over a certain progressive height.

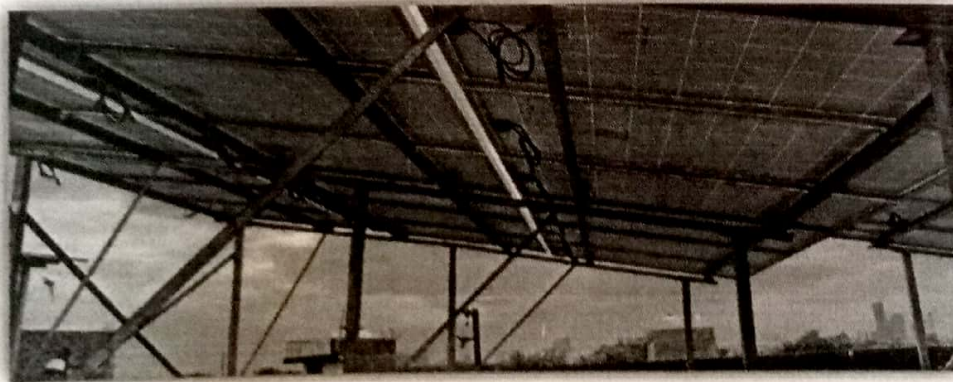
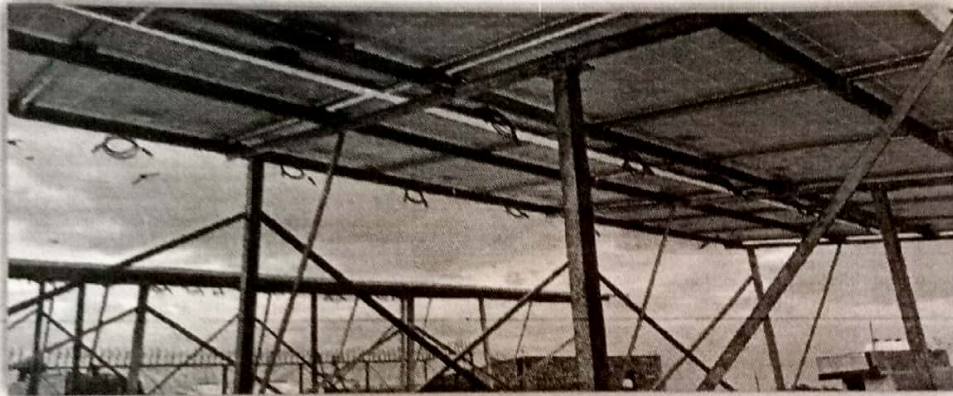
This structure keeps the panels intact to it & keeps them safe from

thunderstorms, strong winds, vibrations, etc.

Hexa Steel bolts were used to tighten them.



HEXA BOLTS



ERECTED STRUCTURE

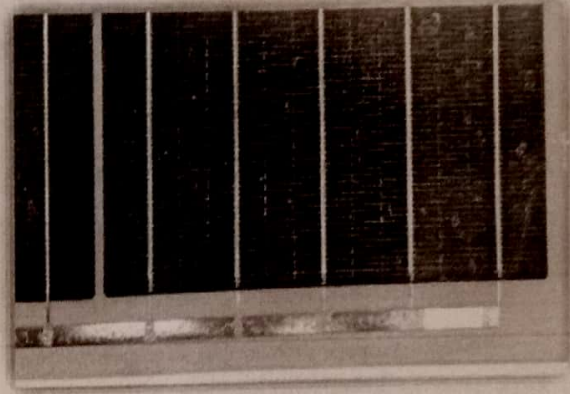
- **SOLAR PANELS**

Solar panels are an array of solar cells connected in a string encased in the steel/aluminum frame with a toughened glass protection.

SOVA SOLAR panels had been fitted with ratings as provided below:

For residential and commercial applications commonly two types of solar panels are used

- Monocrystalline solar panels
- Polycrystalline solar panels.



CELL ARRAY



## 1. MONOCRYSTALLINE SOLAR PANELS

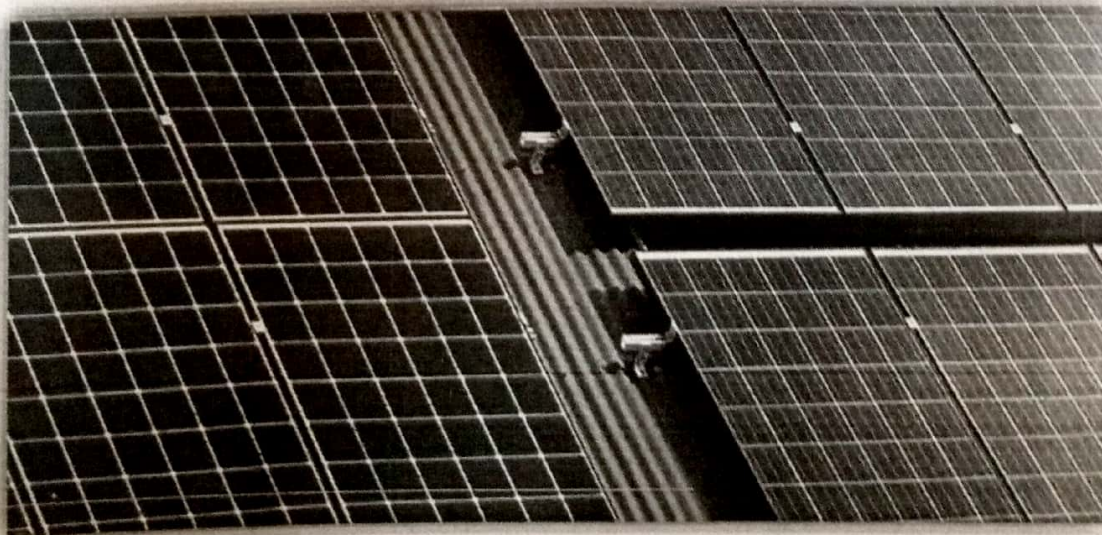
As the name suggests in monocrystalline solar panels, the solar cells are made up of single silicon crystal.

To make solar cells for monocrystalline solar panels, silicon is formed into cylindrical bars called as 'Silicon Ingot'. Then the silicon ingot is cut into squares with chamfered edges known as silicon wafers. These silicon wafers are solar cells which are then assembled in rows and columns to form a solar panel.

Monocrystalline solar cell manufacturing process is called 'Czochralski Process'. It is a complex and expensive manufacturing process which results in a lot of wastage of silicon crystals, which makes them more expensive than polycrystalline solar panels.

Monocrystalline solar panels can be easily distinguished by their black color appearance, they are normally used in places where the area available is less and power requirement is more or places where there are few sunny days or less sun hours.

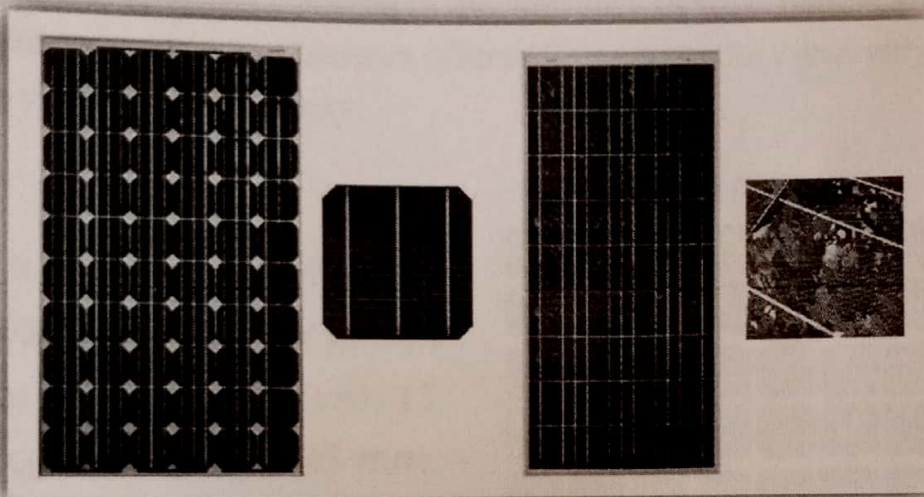
*MONOCRYSTALLINE SOLAR CELLS*



## 2. POLYCRYSTALLINE SOLAR PANELS

Polycrystalline solar panels are the most widely used solar panels in the world today. We have seen a roof with solar panels on it then chances are it is polycrystalline.

Polycrystalline solar cells are made by melting fragments of different silicon crystals, pouring it in a mold and then cutting it in square shape to form a solar cell also called as wafers.



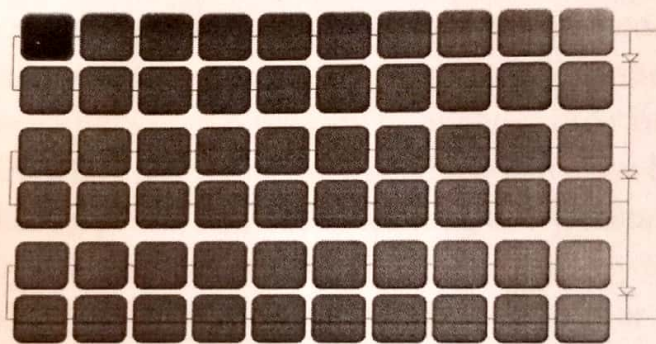
These solar cells are then arranged in rows and columns to form a solar panel, which are then arranged in series and parallel arrangement to form solar array and thus a solar power plant.

POLYCRYSTALLINE SOLAR CELLS

Solar panels with hot spots and see-through holes have a drop of over 50 % in power generation whereas the panels which just have their glass shattered see a dip in only 10 % power generation.

To present a rough idea dust deposition and unclean solar panels can easily cause up to 30% loss in power production. If our solar is generating 100 units of electricity in a month then it might only generate 70 units due to dust, that's a loss of 30 units or Rs 300 (assuming tariff Rs 10) every month, which adds up to 360 units or Rs 3,600 annually. When it comes to the warranty of solar panels almost all the major solar panels manufacturer offers 10 years product warranty and 25 years performance warranty.

In the hail test (IEC 61215), the solar panels are bombarded with 11 ice pellets each 25 mm (1 inch) in diameter at a velocity of 23 m/s (82.8 Kmph). To successfully



CELL ARRAY (SCHEMATIC)

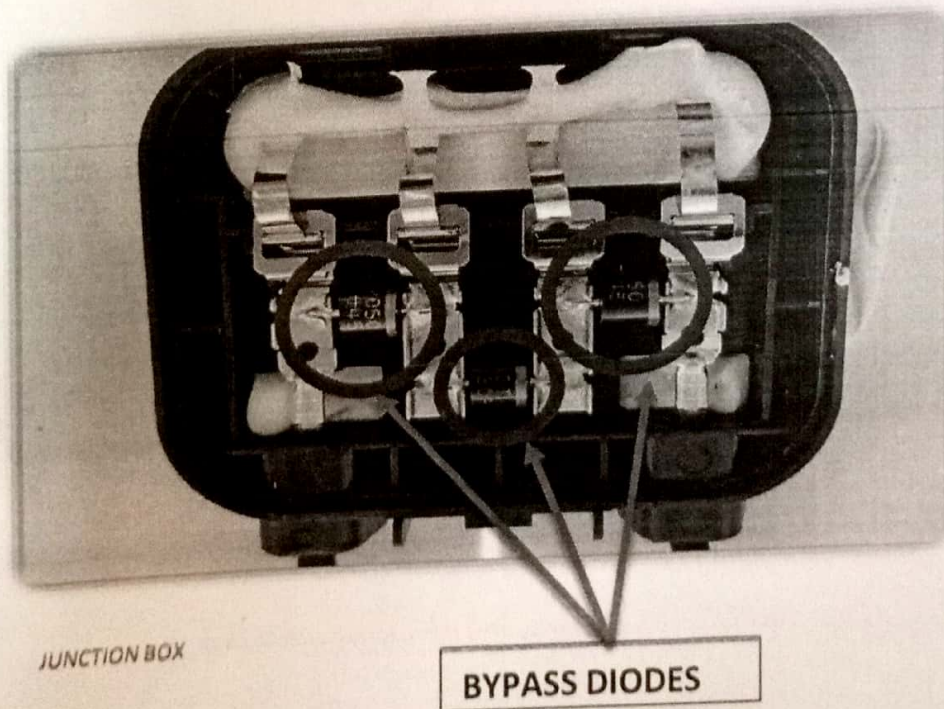
pass the test the solar panel should have no visual defect and should also pass the insulation test.

Ideal angle of inclination of the solar panels should be in the range of 18-23 degrees.

Here at this site, it was 12 degrees due to the surroundings and topology present here.

Bypass diodes are a standard addition to any crystalline PV module. The bypass diodes' function is to eliminate the hot-spot phenomena which can damage PV cells and even cause fire if the light hitting the surface of the PV cells in a module is not uniform.

The bypass diodes are usually placed on sub-strings of the PV module, one diode per up to 20 PV cells. This configuration eliminates the creation of hot-spots and enables the PV modules to operate with high reliability throughout their lifetime. In addition to effectively fulfilling this function, many people believe the bypass diodes are also effective in reducing power loss due to shading in PV installations. This is far from the truth. In this document we will analyze several everyday scenarios and show how the bypass diodes can actually cause great power loss. Here at this site MONOPERV solar modules were used which is a technological advancement in this field having high efficiency than the earlier ones.

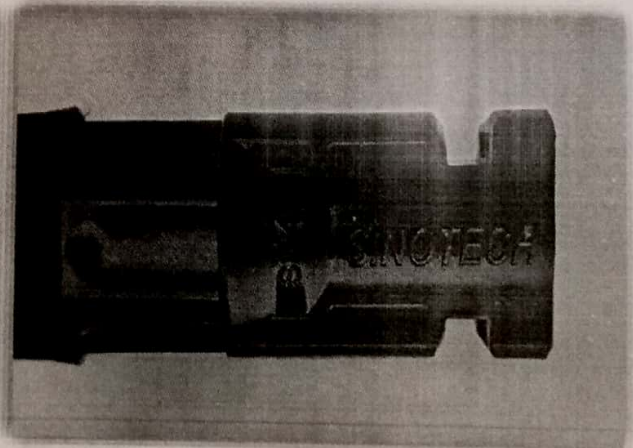
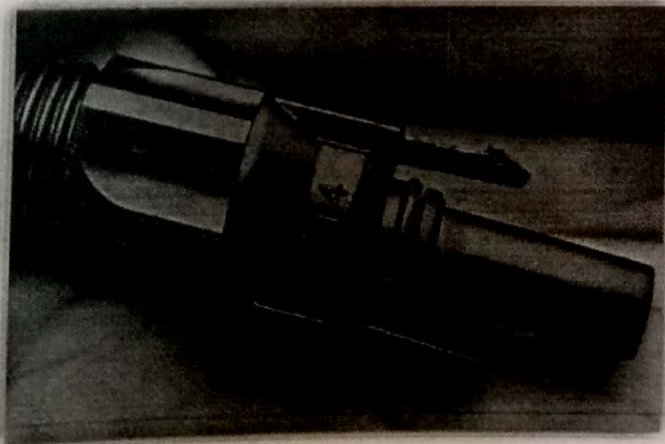


MANUFACTURER	SOVA SOLAR
RATED PEAK POWER (Pmax)	400 W
RATED VOLTAGE (Vmp)	41.03 V
RATED CURRENT (Imp)	9.76 A
OPEN CIRCUIT VOLTAGE (Voc)	48.01 V
SHORT CIRCUIT CURRENT (Isc)	10.31 A
WEIGHT	21.80 KGS
MODULE TYPE	SS40072MP

- **WIRING**

Since the controller installed here has the capacity to handle voltage ratings in the range of (700-1000) Volts.

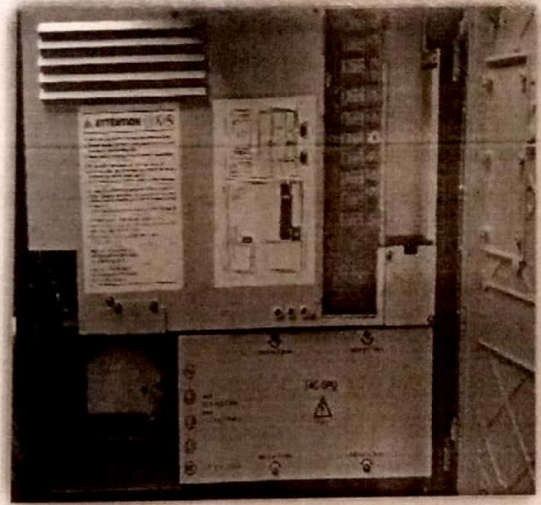
So according to the symmetry a series of 18 panels were made in order to get a balance of power. Thus, a total of 5 wires per structure had been taken to the grid controller.



CONNECTORS

- **CONTROLLER**

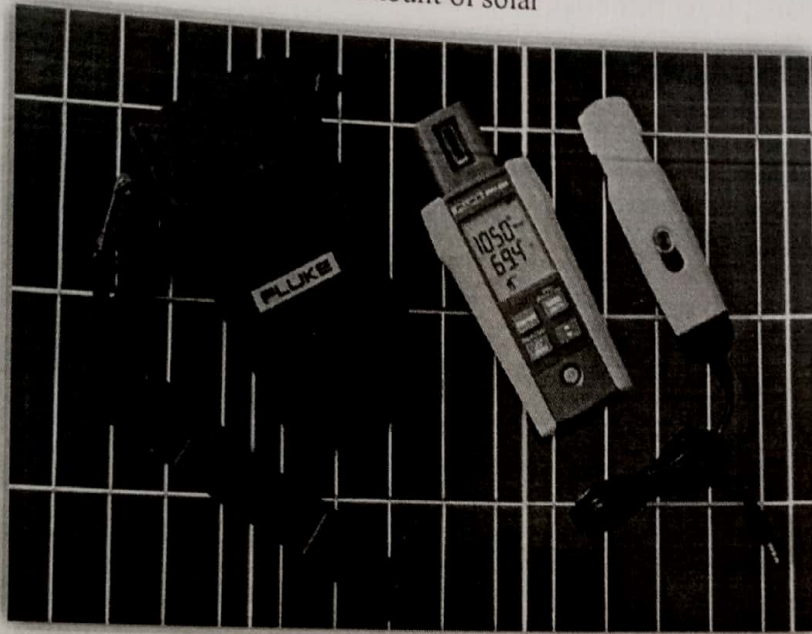
A 3-phase online grid controller was installed here to convert the power that we get from the solar array into the 3-Phase power feed directly into the distribution system.



3-PHASE GRID

## MEASURING INSTRUMENTS

The solar radiance is an instantaneous power density in units of  $\text{kW}/\text{m}^2$ . The solar radiance varies throughout the day from  $0 \text{ kW}/\text{m}^2$  at night to a maximum of about  $1 \text{ kW}/\text{m}^2$ . The solar radiance is strongly dependent on location and local weather. Solar radiance measurements consist of global or direct radiation measurements taken periodically throughout the day. The solar insolation is the total amount of solar



energy received at a particular location during a specified time period, often in units of  $\text{KWh}/\text{m}^2$  day.

While the units of solar insolation and solar irradiance are both a power density (for solar insolation the "hours" in the numerator

RAIDANCE METER

are a time measurement as is the "day" in the denominator), solar insolation is quite different than the solar irradiance as the solar insolation is the instantaneous solar irradiance averaged over a given time period. Solar insolation data is commonly used for simple PV system design while solar radiance is used in more complicated PV system performance which calculates the system performance at each

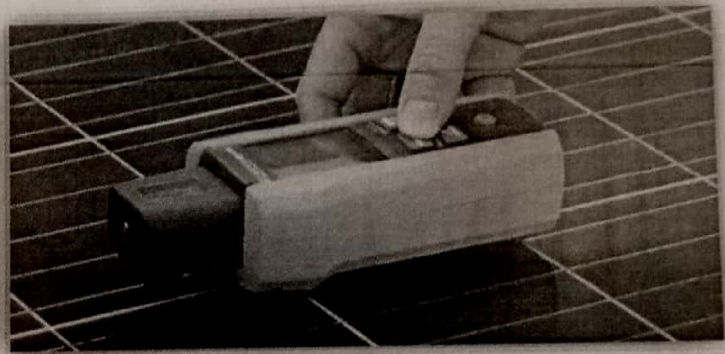
point in the day. Solar insolation can also be expressed in units of  $\text{MJ}/\text{m}^2$  per year.

Irradiance Meter provides digital read-outs related to photovoltaic (PV) panels. It measures and reads:

- Solar irradiation ( $\text{W}/\text{m}^2$ ) on the surface of a photovoltaic (PV) panel
- Temperature ( $^{\circ}\text{F}$  or  $^{\circ}\text{C}$ ) on the surface of a photovoltaic (PV) panel
- Inclination (degrees) of a photovoltaic (PV) panel
- Cardinal degrees with the compass function

The read-outs provided by the Meter help determine optimum positioning of the photovoltaic (PV) panel for best performance.

Comparing and diagnosing  
Even when installed  
correctly, a photovoltaic  
system maynot be producing  
the expected electrical  
output. In order to produce  
the expected  
output, the system needs to receive the



RADIANCE METER (MEASURING TEMP.)

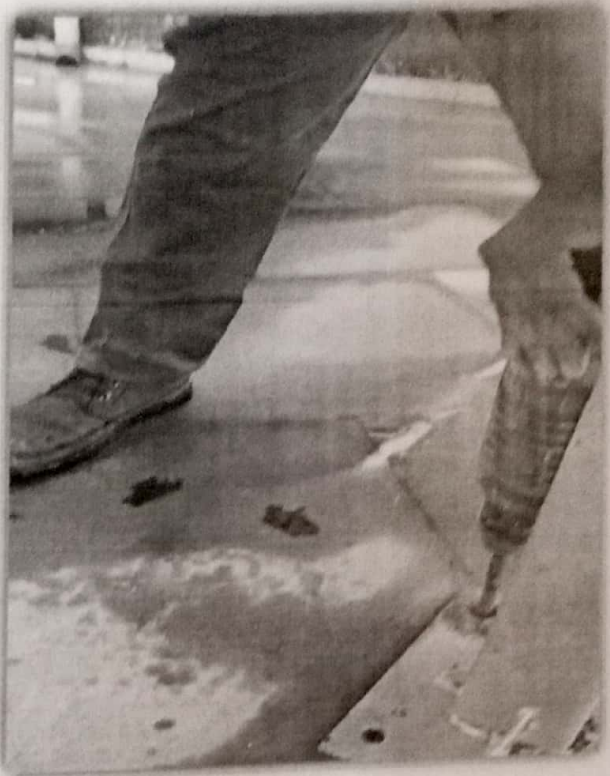
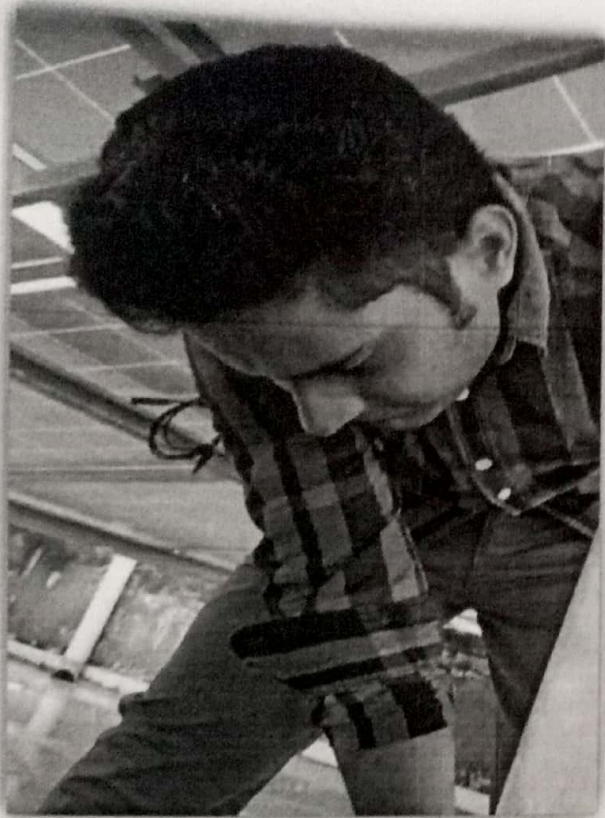
correct amount of irradiance energy to generate the DC voltage that is fed into the inverter. The solar resource is measured in peak sun hours: the number of hours per day with 1,000 watts generated per square meter of solar array. Location, time of day, season, and weather conditions all influence peak sun hours to determine the actual solar irradiance ( $\text{Watts}/\text{m}^2$ ) and shading at the site to develop a baseline.



## CONCLUSION

In this internship at live project site is a great opportunity to learn and gain hands on experience in various calculations, dealing with live tools and instruments. It was a great experience in dealing, understanding & implementing those which we learnt in the classroom programme.







# RISHABH INSTRUMENTS PVT. LTD.

Date: 03<sup>rd</sup> April 2022

## To Whomsoever It May Concern

This is to certify that Mr. Prashant Baburao Chalse, a student from Sapkal Knowledge Hub, Nashik and pursuing a Third Year in Electrical Engineering was engaged in an Internship Program in our Testing & Calibration Laboratory, from 07<sup>th</sup> March 2022 to 03<sup>rd</sup> April 2022.

During this period he was found sincere & hard working.

We wish him all the success for his future endeavor.

With Best Regards,

For RISHABH INSTRUMENTS PVT. LTD.

  
Ms. Hemlata Bhavsar

AGM - HR



Measure



Control



Record



Analyze



Reg. No. MH23A0057602

# Certificate of Internship

This is to certify that

**Mr. / Ms. PRATIK WAMAN BHANDARE**

Has successfully completed his/her internship of a four weeks from period

15 Jan 2022 to 15 Feb 2022 on "Solar PV System and Business Management"

The recipient got a basic understanding of energy, power, electricity bill, and solar systems.

The recipient can estimate the electricity needs of a home and design a solar system for the same.

\_\_\_\_\_  
**Director**

\_\_\_\_\_  
**President**

Certificate No.: 012022SEVE95E

 **OM PRINTING AND FLEXIBLE PACKAGING PVT LTD**

Gat NO-34 Nilghavan phata Tal- Malegoan-423203.

OM PRINTING & PACKAGING PVT.LTD

Gat NO-34 Nilghavan phata

Tal- Malegoan-423203

-DIST-NASHIK(MH)

PAN NO- AAGCM9865J


Date :- 30.03.2022

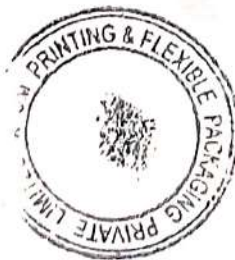
**INTERNSHIP CERTIFICATE**

This is to certify that **Ms. Pallavi Gore**, student of **Sapkal Knowledge Hub**, Nashik and pursuing a Third Year in Electrical Engineering was engaged as a Internship Program at Om Printing & Flexible Packaging Pvt. Ltd., Nilgavhan Tal. Malegaon Dist. Nashik from 11.02.22 to 26.03.22 ( 6 Week) and has worked in "**Electrical Maintenance**" under the guidance of Mr. Chandan Mishra-(Maintenance Manager).

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

We wish her every success in her life and career.

  
AMMOL CHAUDHRI  
(Production Manager )



  
CHANDAN MISHRA  
(Maintenance Manager)



# ARUN ENTERPRISES

Specialists in all kinds of Precision Job Work & Precision Components

Add.: Plot No.A-20/2, SIUY No.2, Gala No.15, M.L.G. Area, Ambad, Nashik - 10 Mob: 9850882950

Email: arun.enterprises44@gmail.com

Ref: \_\_\_\_\_

Date: \_\_\_\_\_

## INTERNSHIP CERTIFICATE

This is to certify that Mr. Aditya Santosh Wadekar, Student of Spakal Knowledge Hub, Nashik, and pursuing a B.E. in Electrical Engineering was Engaged as a Trainee at Arun Enterprises, Nashik, From 1-July-2021 To 28-Feb-2022 and has worked as a trainee under the guidance of Mr. Arun Dhomse

We Wish him Success in his future endeavors.

Arun Enterprises  
Plot No. A-20/1/SIUY No.2,  
Gala No.15, M.L.G. Area  
Ambad, Nashik-422 010

## VITESCO TECHNOLOGIES INDIA PVT LTD

Plot B2, Talegaon Industrial Area PH. 2, Talegaon MIDC Road, Village  
Badhalwadi.

Vitesco Technologies India PVT.LTD  
Post- Nava lakh Umbre, Tal- Maval


DIST- Pune (410507)

Date- 29/04/2022

This is to certify that **Ms. Poonam Narkhede**, student of **Sapkal Knowledge Hub, Nasik** and pursuing a Third Year in Electrical Engineering was engaged as an Internship Program at Vitesco Technologies India PVT LTD. from 11.02.22 to 26.03.22 (6 Week) and has worked on "**Quality Circle**" under the guidance of Mr. Shriram Umbarkar (Production Manager).

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

We wish her every success in her life and career.

  
**Mr. Shriram umbarkar**  
(Production Manager)



# NIMAN ENTERPRISES

loading Unloading & All Types Of Industrial Works

---

This is to certify that Ms. Sakshi Ramesh Pagare student of Sapkal Knowledge Hub, Nashik, and pursuing B.E. in Electrical Engineering was engaged as a Project Trainee at Sai Engineers pvt. ltd. ,Nashik from 03-02-2022 to 31-03-2022 on contract basis with Bal Enterprises Pvt. Ltd. and has worked on the project -"GARBAGE DISPOSAL SYSTEM" and "AUTOMATED ENTRY AND COUNTING SYSTEM" under the guidance of Mr. Prashant Kondavale Manager, Sai Engg Pvt. Ltd.

Yours sincerely,

BAL ENTERPRISES.

*Abhijeet Tandawade*

ABHIJEET TANDALWADE

MANAGER

BAL ENTERPRISES

PVT LTD

*Prashant Kondavale*

PRASHANT KONDAVALE

MANAGER

SAI ENGINEERS

PVT LTD





Ref: TIPL/JAN/9023524

Date: 04/02/2022

## Internship Certificate


To,  
Mr. Darshan shriram kale  
RollNo.8001152  
Department:PFC  
Designation:Internship Trainee

This is to certify that Mr. Darshan shriram kale , has done internship in TDKIndia Private Limited, Nashik form 1 February 2021 to 31 January 2022.

During the internship he demonstrated good design skills with a self-motivated attitude to learn new thing. His performance exceeded expectation and was able to successfully complete on time.

We wish him all the best for his future endeavours.

For TDK India Private Limited

  
Authorized Signatory



# ARUN ENTERPRISES

Specialising in all types of Precision Turned Work & Precision Components

Add.: Plot No A-20/2, Gala No 15, MIDC Area, Ambad, Nashik - 422 010 Mob: 9850882950


Ref: \_\_\_\_\_

Date: \_\_\_\_\_

## INTERNSHIP CERTIFICATE

This is to certify that Mr. Rushikesh Nageshwar Satbhai, Student of Spakal Knowledge Hub, Nashik, and pursuing a B.E in Electrical Engineering was Engaged as a Trainee at Arun Enterprises, Nashik, From 1-July-2021 To 28-Feb-2022 and has worked as a trainee under the guidance of Mr. Arun Dhomse

We Wish him Success in his future endeavors.

  
Arun Enterprises  
Plot No A-20/1/Sluy No 2,  
Gala No. 15, MIDC Area  
Ambad, Nashik-422 010

# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob: 9922500344, 9970002285  
Kulswamini-corrugatedboxes2020@gmail.com

Date: 12/03/2022

## TO WHOM IT MAY CONCERN

*This is to certify that Mr. Sandeep Pawar, student of Late G.N. Sapkal College of engineering, has successfully completed a internship in the field Of Box manufacturing process and maintenance from 10/2/2022 to 11/03/2022 under the guidance of Mr. Rajendra suryawanshi.*

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

*We wish him every success in his life and career.*



For Kulswamini Corrugated boxes.

कुलस्वामिनी कोरिगेटेड बॉक्स &  
बॉक्स कंपनी, E12/9 एम माज डी  
नाळेगांव सिन्धर (नाशिक)  
फोन.-सुजाता राजेंद्र सुर्यवंशी  
मो.नं.-9970002285



Ref:TIPL/JAN/9023524

Date:01/04/2022

## Internship Certificate

To,

Mr.Yeole Shubham

Prakash

Roll No.8001037

Department:PFC

Designation:InternshipTrainee

This is to certify that Mr.Yeole Shubham Prakash, has done internship in TDK India Private Limited, Nashik from 1 March 2022 to 31 March 2022.

During the internship he demonstrated good design skills with a self-motivated attitude to learn new thing. His performance exceeded expectation and was able to successfully complete on time.

We wish him all the best for his future endeavours.

For TDK India Private Limited

Authorized Signatory

TDK India Private Limited • A TDK Group Company

Add: E 22 25, 75 01, MIDC, Satpur Colony, Nashik, Maharashtra

42200/Tel: 0253220 5100

Web: Tdk.electronics.tdk.com



**KYTE ENERGY**  
ABOVE ALL

KYTE ENERGY PVT LTD  
B 65/2 Nice Area, Saptur MIDC  
Nashik - 422007

**CERTIFICATE**

This is to certify that Mr. Parth Shrikant Vidhate, Student of Spakal Knowledge Hub, Nashik, and pursuing a B.E in Electrical Engineering was Engaged as a Trainee at KYTE ENERGY PVT LTD. Nashik, From 1-March-2021 To 31-March-2021 and has worked as a trainee under the guidance of Mr. Akash Katkade (Production Manager)

We Wish him Success in his future endeavors.



Yours sincerely,

KYTE ENERGY PVT. LTD.

  
Akash Katkade

Production Manager

  
Harsh Chhatriwala

Service Manager

**Suzlon Energy Ltd,**

One Earth, Hadapsar,

Pune 411028,

Maharashtra, India

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

### CERTIFICATE

This is to certify that **Mr. Tanmay Shashikant Gosavi** student of Sapkal Knowledge Hub, Nashik, and pursuing B.E in Electrical Engineering was engaged as Internship at Suzlon Global Service Ltd. Sinnar site from 01/04/2022 to 30/04/2022 and has worked at **Operation and Maintenance (OMS) Department** under the guidance of Mr. Dnyaneshwar Dhattrak – Section in charge (Sinnar Site).

We wish him success in his future endeavours.

Yours sincerely,

**Suzlon Global Service LTD.**

  
  
**Mr. Dnyaneshwar Dhattrak**

(Section In-Charge)

  
  
**Mr. Vishal Raut**

(O&M In-Charge)



**KYTE ENERGY**  
ABOVE ALL

KYTE ENERGY PVT LTD  
B 65/2 Nice Area, Saptur MIDC  
Nashik - 422007

**CERTIFICATE**

This is to certify that Mr. Parth Shrikant Vidhate, Student of Spakal Knowledge Hub, Nashik, and pursuing a B.E in Electrical Engineering was Engaged as a Trainee at KYTE ENERGY PVT LTD. Nashik, From 1-March-2021 To 31-March-2021 and has worked as a trainee under the guidance of Mr. Akash Katkade (Production Manager)

We Wish him Success in his future endeavors.



Yours sincerely,

KYTE ENERGY PVT. LTD.

Akash Katkade

Production Manager

Harsh Chhatriwala

Service Manager

PRO. TEJASWINI HIRE

# Yog Electricals

GOVT. ELECTRICALS CONTRACTOR  
ALL TYPES OF ELECTRICAL WORKS

ELECTRICALS

M.C. No.: 3253100063 • M.S. No.: 49042 • PAN: DEJPP4672D • GSTN: 27DEJPP4672D1Z3

Address: Plot No 4, Shrikrushna Colony, Soygaon, Malegaon, Dist - Nashik 423203.

Mob. 7720089482, 9730912007 • Email: yogelectricals081@gmail.com

Date: / /

## INTERNSHIP CERTIFICATE

This is to certify that Mr. SAWANT RUSHIKESH DADAJI student of Sapkal Knowledge Hub, Nashik and pursuing a Third Year in Electrical Engineering was engaged as an Internship Program at Yog Electricals Pvt. Ltd plot no 4, shrikrushna, colony, soygaon, Tal. Malegaon Dist. Nashik from 01.01.22 to 24.01.22 (4 Week) and has worked in "Electrical Maintenance" under the guidance of MR. Rajendra Nikam (Maintenance Manager).

During the period of his internship program with us, he had been exposed to different processes were found punctual, hard working and inquisitive.

Mrs. Tejaswini Hire

YOG ELECTRICALS  
*Tejaswini Hire*  
PROPRIETOR



Nashik Plant



TO WHOM SO EVER IT MAY CONCERN

TDK India Private limited  
Plot No. E-22-25, E-25/1,  
MIDC, Satpur, Nashik-422007

HRL. 20.04.2022

### CERTIFICATE

This is to certify that **Mr. Anil Somnath Jagadale**, Student of Sapkal Knowledge Hub, Nashik, and pursuing B.E. in Electrical Engineering was engaged as Project Trainee at TDK India Private Limited, Nashik, from 20.03.2022 to 20.04.2022 and has worked on the project- "**Capacitor Testing**" Under the guidance of Mr. Vikrant Kedar- Dy. Manager, QA department.

We wish him success in his future endeavours.

Yours sincerely,

For TDK India Pvt. Ltd.

A handwritten signature in black ink, appearing to read 'Vikrant Kedar', written over a horizontal line.

Vikrant Kedar,

Dy. Manager, QA.

PRO. TEJASWINI HIRE

# Yog Electricals

GOVT. ELECTRICALS CONTRACTOR  
ALL TYPES OF ELECTRICAL WORKS

06 ELECTRICALS  
MAINTENANCE

• M.C. No.: 3253100063 • M.S. No.: 49042 • PAN: DEJPP4672D • GSTN: 27DEJPP4672D1ZB

Address: Plot No 4, Shrikrushna Colony, Soygaon, Malegaon, Dist - Nashik 423203.

• Mob. 7720089482, 9730912007 • Email: yogelectricals081@gmail.com

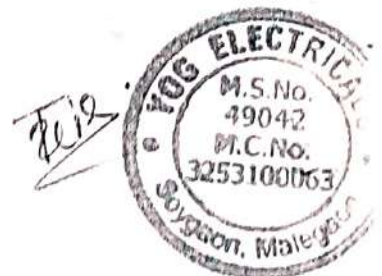
Date: / /

## INTERNSHIP CERTIFICATE

This is to certify that Mr. BIRARI SANKET MADHUKAR student of Sapkal Knowledge Hub, Nashik and pursuing a Third Year in Electrical Engineering was engaged as an Internship Program at Yog Electricals Pvt.Ltd plot no 4, shrikrishna, colony, soygaon, Tal. Malegaon Dist. Nashik from 01.01.22 to 24.01.22 ( 4 Week) and has worked in "Electrical Maintenance" under the guidance of MR. Rajendra Nikam (Maintenance Manager).

During the period of his internship program with us, he had been exposed to different processes were found punctual, hard working and inquisitive.

Mrs. Tejaswini Hire



# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285 [Kulswaminicorrugatedboxes2020@gmail.com](mailto:Kulswaminicorrugatedboxes2020@gmail.com)

Date: 12/03/22

## TO WHOM IT MAY CONCERN

*This is to certify that Mr. Saif Wasim Sayyed , student of Late G.N. Sapkal  
College of engineering, has successfully completed a internship in the field  
Of Box manufacturing process and maintenance from 1/02/2022 to  
11/03/2022 under the guidance of Mr. Rajendra suryawanshi.*

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

*We wish him every success in his life and career.*



*For Kulswamini Corrugated boxes.*

कुलस्वामिनी कॉरिगेटेड बॉक्स &  
बॉक्स कंपनी, E 12/9 एम डी सी सी  
मालेगाव मिडिक (नाशिक)  
दिवा. - सुजाता राजेंद्र सुर्यवंशी  
मो. - 9970002285

Date: 22-04-2022

**CERTIFICATE**

This Is To Certified That Mr. GANGURDE RUSHIKESH EKNATH ,Student Of Sapkal Knowledge Hub Nashik And Pursuing B.E In Electrical Engineering Was Engaged As Project Trainee At Armstrong Machine Builders Pvt. Ltd.Nashik From 01-03-2022 To 20-04-2022 And Has Worked On The Project - "Electrical Project " Under The Guidance Of

Mr. Sumit Kurhade, Technical Engineering Functions.

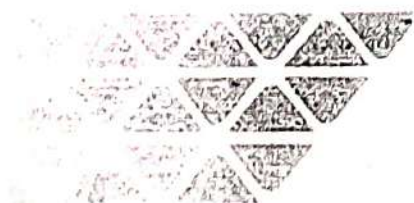
We Wish Him Success In His Future Endeavor's.

Yours Sincerely

For Armstrong Machin Builders Ltd.

  
Mr. Sumit Kurhade  
Field Manager

  
Deputy Manager



# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285  
kulsawamini\_corrugatedboxes2020@gmail.com

Date: 12/03/2022

## TO WHOM IT MAY CONCERN

*This is to certify that Mr. Harshdeep Dilip Patil, student of Late G.N. Sapkal College of engineering, has successfully completed a internship in the field Of Box manufacturing process and maintenance from 1/02/2022 to 18/03/2022 under the guidance of Mr. Rajendra suryawanshi.*

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

*We wish him every success in his life and career.*

*[Signature]*

*(Name)*

*For Kulswamini Corrugated boxes.*

**ZEALCON**<sup>®</sup>  
**WIRES AND CABLES**

# POWER CAB INDUSTRIES

An ISO 9001:2015 Certified CO.

Off & Works -Plot NO -6 ,Survey No - 113, Motha Mala,Nr. Ambad School , MIDC AMBAD Nashik,  
MH, India ,422010 e-mail- powercabindustries@gmail.com / www.zealconwires.com.


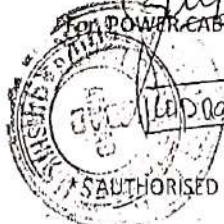
Date- 12/03/2022

TO WHOM SO EVER IT MAY CONCERN

Ref : SKH / NSK / ELECT / T - 2022

This is to certify that Miss **DIPALI SHANKAR BOKAD** Student of Sapkal Knowledge Hub Nashik & pursuing B.E in Electrical Engineering was engaged as project trainee at POWER CAB INDUSTRIES Nashik from 14 Feb 2022 to 12 March 2022 under the guidance of Shri. Vaibhav B. Kapadane and submitted her Project Report in POWER CAB INDUSTRIES

She has followed the rules & regulations of company during her training

  
FOR POWER CAB INDUSTRIES  
  
SAUTHORISED SIGNATAORY

# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285  
Kulswaminicorrugatedboxes2020@gmail.com

Date: 12/03/2022

## TO WHOM IT MAY CONCERN

*This is to certify that Mr. YASH RAJENDRA SURYAWANSHI, student of Late G.N. Sapkal College of engineering, has successfully completed a internship in the field Of Box manufacturing process and-maintenance from 1/02/2022 to 11/03/2022 under the guidance of Mr. R. suryawanshi.*

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

*We wish him every success in his life and career.*



*For Kulswamini Corrugated boxes.*

कुलस्वामिनी कॉरिगेटेड बॉक्स &  
बॉक्स कंपनी, E-12/9 एम आर सी सी  
वाठेगाव सिन्धर (नाशिक)  
मि. -सुर्यावरा राजेंद्र सुर्यवंशी  
मो.नं.-9970002285

NE

# NIMAN ENTERPRISES

loading Unloading & All Types Of Industrial Works

This is to certify that Ms. Tejaswini Anil Kurhade student of Sapkal Knowledge Hub, Nashik, and pursuing B.E. in Electrical Engineering was engaged as a Project Trainee at Sai Engineers pvt. ltd. ,Nashik from 03-02-2022 to 31-03-2022 on contract basis with Bal Enterprises Pvt. Ltd. and has worked on the project -"GARBAGE DISPOSAL SYSTEM" and "AUTOMATED ENTRY AND COUNTING SYSTEM" under the guidance of Mr. Prashant Kondavale Manager, Sai Engg Pvt. Ltd.

Yours sincerely,

BAL ENTERPRISES.

*Abhijeet Tandawalde*  
ABHIJEET TANDALWADE  
MANAGER  
BAL ENTERPRISES  
PVT LTD

*Prashant Kondavale*  
PRASHANT KONDAVALE  
MANAGER  
SAI ENGINEERS  
PVT LTD



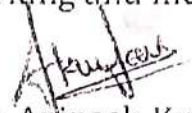
STC

## **Sterlite Technology Private Limited**

E1, E2, E3, MIDC, Waluj, MIDC, Ranjangaon, Waluj, Aurangabad,  
Maharashtra 431136

This is to certify that **Mr. Prasad Govind Khairnar**, student of **Sapkal Knowledge Hub, Nashik** and pursuing a Third Year in Electrical Engineering was engaged as a Internship Program at Sterlite Technology Pvt Ltd, Aurangabad from 10.03.22 to 24.04.22 and has worked in "**Electrical Maintenance**" under the guidance of Mr. Avinash Kulkarni (Maintenance Manager).

During the period of his internship program with us, he had been exposed to different processes were found punctual, hardworking and inquisitive.

  
Mr. Avinash Kulkarni  
(Maintenance Manager)

# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285  
KulswaminiCorrugatedboxes2020@gmail.com

Date: 28/03/2023

## TO WHOM IT MAY CONCERN

*This is to certify that Mr.ROHIT BALASAHEB ALHAT , student of LATE G.N SAPKAL NASHIK, has successfully completed a internship in the field Of Box manufacturing process and maintenance from 30/01/2023 to 27/02/2023 under the guidance of Mr. Rajendra suryawanshi.*

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

*We wish him every success in his life and career.*

*For Kulswamini Corrugated boxes.*

कुलस्वामिनी कोरगेटेड बॉक्स &  
पैकेजिंग कंपनी, E-12/9 एन आय डी सी  
माळेगांव सिन्नर (नाशिक)  
प्रो.प्रा.-सुजाता राजेंद्र सुर्यवंशी  
मो.नं.-9970002285



**KOYNA ENGINEERS PVT. LTD.**

PLOT NO. 100, STREET NO.10, MIDC AREA, BARPUR,  
NASHIK - 422 007. (M.D.)

[ ISO 9001 : 2015 COMPANY ]



PHONE : (0253) 2320892 / 2321370  
E-MAIL : [info@koynaengineers.com](mailto:info@koynaengineers.com)  
[sales@koynaengineers.com](mailto:sales@koynaengineers.com)

ENGINEERS, CONTRACTORS & MANUFACTURERS OF  
DIST. & POWER TRANSFORMERS, CT's & PT's, PANELS, BATTERY CHARGERS & RECTIFIERS, METERING CUBICLES Etc.

# TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. Yogesh Avinash Chavan Third Year Electrical Engineering Student of Late G. N. Sapkal College of Engineering, Nashik. Has attended and successfully completed Four week in plant training program i.e. Manufacturing Process of Our Electrical Equipment's Product and its maintenance, Testing & allied activities".

This Internship was conducted from the Date OF 09.02.2022 to 03.03.2022

During the Training Period, his Initiative & Behavior was found to be good.

We wish him the best in all for future endeavours & career



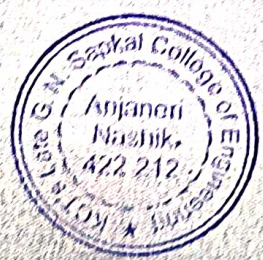
For Koyna Engineers Pvt Ltd.

[ Authorised Signatory ]

**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213

Place - Nashik

Date - 06.03.2022



Blood Bank Equipment



Manufacturing of :

Blood Bank Equipments  
and Hospital Furniture.  
Surgical Equipments With Latest Technology

E-mail : inforedlab@yahoo.com,  
redlabequipments@rocketmail.com  
www.redlabequipments.in,  
www.newredlabequipments.com

Contact : 09272165664  
Off.: Flat No 26, Bldg. No 1, Vandana Park,  
Indira Nagar, Nashik - 9 (MH) INDIA

AN ISO 9001:2008  
ISO 14001  
ISO 13485  
7040:GSP  
CE Certified Company




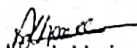
21.2.2023

CERTIFICATE


This is to certify that MR. Ketan Sahebrao Suryawanshi, Student of Sapkal Knowledge Hub Nashik, and pursuing T.E in Electrical Engineering was engaged as project trainee at New Red Lab Equipments, Nashik From 21.01.2023 to 20.02.2023 And has worked on the project - "Blood Bank Equipment" under the guidance of MR. Kishor More - Manager, Technical lab equipment. We wish him success in his future endeavours.

Yours sincerely,  
for Red lab equipment.

  
Kishor More  
manager

  
Akash Khairnar  
Deputy manager



  
Prof. (Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213

Subject to Nashik Jurisdiction

CASH/CREDIT MEMO  
BILL/INVOICE

Phone Office: +91 9370119164

# RAM ENGINEERS

Power Engineers, Installation & Erection of H.T.LT Lines, Transformer Centre  
Under Ground Cable & Gear Works, Consultant In Power Engineering Street  
Light Works, Industrial & House Wiring Errection of 33/11 KV Power Sub.  
Stn. Along With Compete Civil Work.  
Shop No. 7, Padma Appt. Near Babu Banglow, Indira Nagar, Nashik- 422009

Ref No:

Date 22 feb 2023.

Date: 21/2/2023

This is to certify that Mr. Saurabh Shekhar Kulkarni , a student of Third year Electrical student Engineering, Late G.N.Sapkal College of Engineering has successfully completed 45 days internship programme (From 21st jan 2023 to 21st Feb 2023) internship at solar panel installation of our company Ram Enginners Nashik.

During the period of his internship program with our company, he was found punctual, hardworking and inquisitive.

We wish him all d best in his career.

For

**RAM ENGINEERS**



PROPRIETOR

Ram Engineers

Nashik,



**Prof.(Dr.) Sahebrao B. Bagal**  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



## Internship Completed Certificate



**EN EN ELECTRICAL ENGINEERS(P) Ltd**

(Electrical and civil contractors)

CIN:U3110AP1997PTC026100



Date:-23Feb2023

### INTERNSHIP COMPLETED CERTIFICATE

This is to certify that Mr. vipul prashant mahajan ,a student of Third year electrical engineering student ,Late G.N.sapkal College of engineering has successfully complete 45days of internship program(From21jan2023 to 21feb2023) internship at Electrical maintenance at our company EN EN Electrical, ANANTPUR.

During the period of internship program with our company , He was found punctual , hardworking and inquisitive.

We wish him all the best for his career.



*B*  
(Techar Rinde)

EN EN ELECTRICALS

ANANTPUR.

**Prof.(Dr.) Sahebrao B. Bagal**  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.





**OM ELECTRICALS**

**Govt. Licensed Electricals Contractor M.C. No. 25687**

**Industrial Electricals Work & Maintenance Residential & Comm. Electricals Fitting H.T. & L.T. Cables Lines,  
Sub - Station work.**

**Shivaji D. Wadwale**

**Contact No. 9372424688.**

**Date: - 03/04/2023.**

To,

Mahesh Shivaji Aher.

Late G. N. Sapkal College of Engineering, Nashik.

Nashik - 422101.

**Subject:- Certificate for Internship Completion.**

This is certified to "Mr. Mahesh Shivaji Aher" student of T.E. – EE has successfully completed his 30 days internship with us.

As a part of his internship he has done and study on "Electrical Interior Work" in Electrical Services.

During the tenure with us we found him sincere and provided satisfactory result.

We wish him all the best for future endeavors.

OM ELECTRICALS

Proprietor

**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

**Address: - B-01/2 Devmani Housing Soc., Shivaji Udyan, Palse, Nashik - 422102.**

**Email ID: - [www.omelectricals.com](http://www.omelectricals.com)08@gmail.com**

17



# SHREE BALAJI INDUSTRIES



OFFICE - MUKTAI BODI, BUNDELOW WHEEL, HAMATHIWADE, NASHIK-422021  
OFFICE - BACKSIDE TO CHANFISODDUNI NEAR BODI BODI  
FURNITURE, MEKAMBAD, NASHIK. MO. 9822772223

GSTIN: 27ALPS0090122

As Per the Industrial Education Act, 1947 (as amended) and the Industrial Education (Amendment) Act, 1982, the Government of Maharashtra has notified that the Industrial Education (Amendment) Act, 1982 shall apply to the Industrial Education (Amendment) Act, 1982.

Ref No:- sbi/2023/17

DATE:- 31/02/2023

## CERTIFICATE

This is to Certify That MR. YASH KAILAS MALI, Student of Sapkal Knowledge Hub, Nashik and pursuing B.E. in Electrical Engineering was engaged as Project Trainee at Shree Balaji Industries, Nashik, from 21th JAN. 2023 To 20th FEB. 2023. And has worked on the project- "Electrical Maintenance" under the guidance of Mr. Vishal Sarode-Manager.

We wish him success in his bright future.

SHREE BALAJI INDUSTRIES



Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



19  
Switchgear Function

**CG Power and Industrial Solutions Limited**  
Switchgear Division: Power Systems  
A-3 MIDC Ambad, Nashik 422 010, Maharashtra, India  
P: +91 253 235 1247



Ref: SP/PPJ

Date: 09/03/2023

**CERTIFICATE**

**TO WHOM IT MAY CONCERN**

This is to certify that Ms. Chandrakala Ashok Rautmale student of Late G.N. Sapkal College of Engineering Nashik completed summer Internship Project with us from 23/01/2023 to 24/02/2023. During this period she was assigned a project titled "Switchgear Function" which has been completed to our entire satisfaction.

We wish her success in her future endeavors.

For CG Power and Industrial Solutions Ltd.

(P.P. Joshi)  
Sr. Manager HR



  
**Prof. (Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

Registered Office  
CG House, 6th Floor, Dr. Ambe Besant Road, Worli, Mumbai 400 030, India  
T: +91 22 2423 7700 F: +91 22 2423 7733 W: www.cgglobal.com  
Corporate Identity Number: L99999MH1937PLC002641



Subject to Nashik Jurisdiction

CASH/CREDIT MEMO  
BILL/INVOIC

Phone Office: +91 9370119164

# RAM ENGINEERS

Power Engineers, Installation & Erection of H.T.LT Lines, Transformer Centre  
Under Ground Cable & Gear Works, Consultant In Power Engineering Street  
Light Works, Industrial & House Wiring Errection of 33/11 KV Power Sub.

Stn. Along With Compete Civil Work.

Shop No. 7, Padma Appt. Near BabuBanglow, Indira Nagar, Nashik- 422009

Ref No:      Date 21/ 02 / 2023

Date 22 feb 2023.

This is to certify that Mr. Tejas Shashikant Sathe, a student of Third year Electrical student Engineering, Late G.N. Sapkal College of Engineering has successfully completed 45 days internship programme (From 21st jan 2023 to 21st Feb 2023) internship at solar panel installation of our company Ram Enginners Nashik.

During the period of his internship program with our company, he was found punctual, hardworking and inquisitive.

We wish him all d best in his career.

For

**RAM ENGINEERS**

  
PROPRIETOR

Ram Engineers

Nashik,



Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.





**OM ELECTRICALS**

**Govt. Licensed Electricals Contractor M.C. No. 24687**

**Industrial Electricals Work & Maintenance Residential & Comm. Electricals Fitting H.T. & L.T. Cablos Lines,  
Sub - Station work.**

**Shivaji D. Wadwale**

**Contact No. 9372424688.**

**Date: - 03/04/2023.**

To,

Nilesh Rajesh Shejwal.

Late G. N. Sapkal College of Engineering, Nashik.

Nashik - 422101.

**Subject:- Certificate for Internship Completion.**

This is certified to "Mr. Nilesh Rajesh Shejwal" student of T.E. – EE has successfully completed his 30 days internship with us.

As a part of his internship he has done and study on "Electrical Interior Work" in Electrical Services.

During the tenure with us we found him sincere and provided satisfactory result.

We wish him all the best for future endeavors.



**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

OM ELECTRICALS

Proprietor

**Address: - B-01/2 Devmani Housing Soc., Shivaji Udyan, Palse, Nashik - 422102.**

**Email ID: - [www.omelectricals.com08@gmail.com](mailto:www.omelectricals.com08@gmail.com)**

# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285  
[Kulswaminicorrugatedboxes2020@gmail.com](mailto:Kulswaminicorrugatedboxes2020@gmail.com)

Date: 22/02/2023

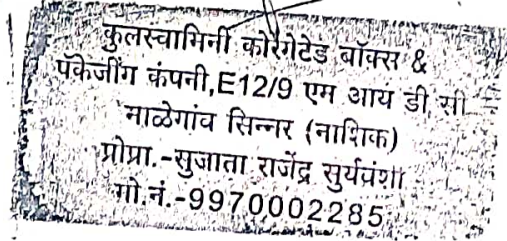
## TO WHOM IT MAY CONCERN


*This is to certify that Ms. Shivani Dnyaneshwar Halde , student of Late G.N. Sapkal College of engineering, has successfully completed a internship in the field Of Box manufacturing process and maintenance from 21/01/2023 to 21/02/2023 under the guidance of Mr. Rajendra Suryawanshi.*

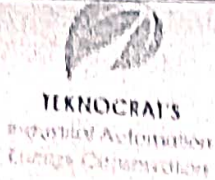
*During the period of his internship program with us, he had been exposed to different processes and was found diligent, hardworking and inquisitive.*

*We wish him every success in his life and career.*

*For Kulswamini Corrugated boxes.*



  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



Date: 08-03-2023

# Certificate

## To Whomsoever It May Concern

This is to certify that Mr. Rohit Jitendra Sonawane has successfully attended & completed industrial Internship, at Teknocrat's Control Systems Pvt. Ltd. from 1<sup>st</sup> February 2023 to 28<sup>th</sup> February 2023.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

This certificate is issued on his request without any liability & responsibility or any engagement on our part.

We wish him all the best for his upcoming career.

For Teknocrat's Control Systems (I) Pvt. Ltd.

*Ravindrasingh Rajput*  
08/03/2023  
Ravindrasingh Rajput  
Manager HR

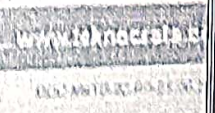


*Sahebrao B. Bagal*  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

Teknocrat's Control Systems (I) Pvt. Ltd.

Head Office : B-61, NICE Area, MIDC, Satpur, Nashik, India - 422 007. Ph. : +91 253 6002766, 6603022  
Email : marketing@teknocrats.com  
CIN : U31900MH2002PTC139520  
GSTIN No : 27AABC10040M1ZN

8Y8



25  
**CG Power and Industrial Solutions Limited**

**Switchgear Division: Power Systems**

A-3 MIDC Ambad, Nashik 422 010, Maharashtra, India  
F: +91 253 238 1247



Smart solutions.  
Strong relationships.

Ref : SP/PPJ

Date: 09.03.2023

**CERTIFICATE**

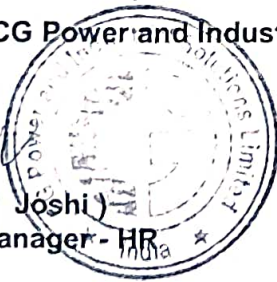
**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. Samruddhi Keshav Sonawane** student of Late G.N. Sapkal College of Engineering Nashik completed summer internship Project with us from 23.01.2023 to 24.02.2023. During this period she was assigned a project titled **“Switchgear Function”** which has been completed to our entire satisfaction.

We wish her success in her future endeavors.

For CG Power and Industrial Solutions Ltd.

*PPJ*  
( P P Joshi )  
Sr. Manager - HR



*Bagal*  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



26  
**INTERNSHIP Completed Certificate**



**RAM POWER PROJECTS PRIVATE LIMITED (OPC)**

Regd. Off.: 24, "RAM", KALPATARU NAGAR, ASHOKA MARG, POST DWARKA, NASHIK - 422 011.

Erection of EHV, HV, HT, Power Substations, Industrial/Commercial/Residential Complex Power Supply, HT Lines & Cables Renewable Energy Projects, Engineering, Energy Conservation & Savings Projects, Procurement & Construction Works. Power Consultants & Energy Auditors, Engineering Services.

E-mail: hrjadhav@rediffmail.com, Phone Office/Fax: 0253-2236422 Mobile: +91-98235.99957

Ref No:

Date: / / 20

Date 22nd Feb 2023.

This is to certify that Mr. Tejas Dnyaneshwar Suryawanshi, a student of Third Year Electrical Student Engineering Late G.N. Sapkal College of engineering, has successfully completed 45 days internship programme (From 21st Jan 2023 to 21st Feb 2023) internship at project Solar panel Installation branch of our company Ram Power Project Pvt Ltd Nashik.

During the period of his internship program with our company, he was found punctual, hardworking and inquisitive.

We wish him all the best in his career.


For

**RAM POWER PROJECTS PVT. LTD. (OPC)**

  
Director

Ram Power Project PVT LTD  
Nashik



  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



**OM ELECTRICALS**

**Govt. Licensed Electricals Contractor M.C. No. 25687**

**Industrial Electricals Work & Maintenance Residential & Comm. Electricals Fitting H.T. & L.T. Cables Lines,  
Sub - Station work.**

**Shivaji D. Wadwale**

**Contact No. 9372424688.**

Date: - 03/04/2023.

To,

Omkar Shivaji Wadwale.

Late G. N. Sapkal College of Engineering, Nashik.

Nashik - 422101.

**Subject:- Certificate for Internship Completion.**

This is certified to "Mr. Omkar Shivaji Wadwale" student of T.E. – EE has successfully completed his 30 days internship with us.

As a part of his internship he has done and study on "Electrical Interior Work" in Electrical Services.

During the tenure with us we found him sincere and provided satisfactory result.

We wish him all the best for future endeavors.



OM ELECTRICALS

*Signature*  
Proprietor

**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

**Address: - B-01/2 Devmani Housing Soc., Shivaji Udyan, Palse, Nashik - 422102.**

**Email ID: - [www.omelectricals.com08@gmail.com](mailto:www.omelectricals.com08@gmail.com)**



**Office Address**

181/A, Plot No.2, Near Hindi School,  
ShramikNagar, Ashok Nagar,  
Satpur,Nashik- 422 012.

GSTIN/UIN:- 27AQDPT2467K1ZC

---

**SHREE ENERTECH**

20.02.2023

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. **Kiran Jayram Barhe**, student of Sapkal Knowledge Hub, Nashik and pursuing B.E in Electrical Engineering was engaged with **SHREE ENERTECH** Ltd. Nashik. He has undergone internship of one month from 21.01.2023 to 20.02.2023 at our worked on Solar Site under the guidance of Mr. Ravindra Tarware.

During this period he had hands on experience in Installation of Solar highmast, solar invertor, solar motor.

We wish him all the best for his future endeavours.



Ravindra Tarware  
( Site manager )

**Shree Enertech** Proprietor

Yours sincerely,  
**SHREE ENERTECH**

# इच्छामणी इलेक्ट्रीकल्स सर्व्हिसेस



गव्हर्मेंट लायसंन्स इलेक्ट्रीकल कॉन्ट्रॅक्टर  
जेसीबी आणि ब्रेकर्स भाड्याने मिळेल



\* ख्रीदकाम केबलची कामे \* जेसीबी टॅक्टर भाड्याने मिळेल \* खडी पसरविने \* क्रॉकेट तोडणे  
१४१/१४२, स्किम नं. २, हनुमंत नगर, लोखंडे मळा, जेलरोड, नासिकरोड. मो. 7276609522 / 9922728955 / 7517673021

दिनांक

## CARTIFICATE

This is to certify that Mr. PREM ROHIDAS BHWAR Student of Late G.N.Sapkal College of Nashik completed summer internship project with us from 23.01.2023 To 24.02.2023. During this period he was assigned a project titled "UNDERGROUND POWER CABLES" which has been completed to our entire satisfaction.

We wish him success in him future endeavors.

ICHHAMANI ELECTRICAL

7

## Office Address

181/A, Plot No.2, Near Hindi School,  
ShramikNagar, Ashok Nagar,  
Satpur,Nashik- 422 012.

GSTIN/UIN:- 27AQDPT2467K1ZC

---

# SHREE ENERTECH

20.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Aditya Bhaurao Dhanwate, student of Sapkal Knowledge Hub, Nashik and pursuing B.E in Electrical Engineering was engaged with SHREE ENERTECH Ltd. Nashik. He has undergone internship of one month from 21.01.2023 to 20.02.2023 at our worked on Solar Site under the guidance of Mr. Ravindra Tarware.

During this period he had hands on experience in Installation of Solar highmast, solar invertor, solar motor.

We wish him all the best for his future endeavours.

Shree Enerotech



Proprietor  
Ravindra Tarware  
( Site manager )

Shree Enerotech



Proprietor  
Yours sincerely,  
SHREE ENERTECH

# Kulswamini Corrugated Boxes

E-12/9, Malegaon MIDC, Sinner, Nashik. Mob.9922500344, 9970002285  
Kulswaminicorrugatedboxes2020@gmail.com

Date: 28/03/2023

## TO WHOM IT MAY CONCERN

*This is to certify that Mr.MAHESH SANJAY DUKALE , student of LATE G.N SAPKAL NASHIK, has successfully completed a internship in the field Of Box manufacturing process and maintenance from 30/01/2023 to 27/02/2023 under the guidance of Mr. Rajendra suryawanshi.*

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

*We wish him every success in his life and career.*

*For Kulswamini Corrugated boxes.*

कुलस्वामिनी कोरगेटेड बॉक्स &  
पकेजिंग कंपनी, E-12/9 एन डाय ही सी  
माळेगांव सिन्नर (नाशिक)  
प्रोग्रा.-सुजाता राजेंद्र सुर्यवंशी  
मो.नं.-9970002285



**ACCUTECH TRASCARE**

Repairer of all type of D/Ts

Date:-20.02.2023

**CERTIFICATE**

*This is to certify that Miss Khushabu Shahiram Gawali of BE (Electrical Engineering) has completed his Industrial training during the period from 21 January 2023 to 20 February 2023 of the academic year 2022-23as partial fulfillment of the BE (Electrical Engineering ) course. Training was provided as per the request of candidate.*



FOR ACCUTECH TRASCARE

ACCUTECH TRASCARE

*[Signature]*  
PARTNER

Address - Gat no 249/2, Varzadi road, Methi, Tal- Shindkheda, Dist - Dhule-425408 (M.S.)  
Contact - 9420149899,9881408448. Email. [accutech\\_calervices@hotmail.com](mailto:accutech_calervices@hotmail.com)



# Certificate of Internship

This is to certify that

**Mr. / Ms. NIKHIL SURESH KAKAD**

Has successfully completed his/her internship of a four weeks from period

23 Jan 2023 to 21 Feb 2023 on **“Solar PV System and Business Management”**

The recipient got a basic understanding of energy, power, electricity bill, and solar systems.

The recipient can estimate the electricity needs of a home and design a solar system for the same.

  
Director



  
President

F Certificate No.: 012023SEVE90F

# SHREE ENERTECH

181/A, Plot No.2, Near Hindi School,  
ShramikNagar, Ashok Nagar,  
Satpur,Nashik- 422 012.

GSTIN/UIN:- 27AQDPT2467K1ZC

---

20.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Shubham Sadanand Karaband, student of Sapkal Knowledge Hub, Nashik and pursuing B.E In Electrical Engineering was engaged with SHREE ENERTECH Ltd. Nashik. He has undergone Internship of one month from 21.01.2023 to 20.02.2023 at our worked on Solar Site under the guidance of Mr. Ravindra Tarware.

During this period he had hands on experience In Installation of Solar highmast, solar invertor, solar motor.

We wish him all the best for his future endeavours.

Shree E  
Shree E

  
Proprietor

Ravindra Tarware  
( Site manager )

Shree Enerotech

  
Proprietor

Yours sincerely,  
SHREE ENERTECH



Ref : SP/PPJ

Date 09.03.2023

## CERTIFICATE

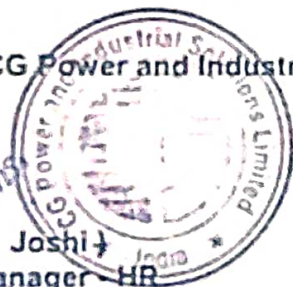
### TO WHOM IT MAY CONCERN

- This is to certify that ,Mr.Karansingh Surendrasingh Rajput student of Late G.N.Sapkal College of Engineering Nashik Completed summer internship Project with us from 23.01.2023 to 24.02.2023 During this period he was assigned a project titled "Switchgear Function" which has been completed to our entire satisfaction

We wish him success in his future endeavors.

For CG Power and Industrial Solutions Ltd.

( P P Joshi )  
Sr.Manager - HR





27

## Office Address

181/A, Plot No.2, Near Hindi School,  
ShramikNagar, Ashok Nagar,  
Satpur,Nashik- 422 012.

GSTIN/UIN:- 27AQDPT2467K1ZC

---

# SHREE ENERTECH

20.02.2023

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Amit Janardhan Tarware, student of Sapkal Knowledge Hub, Nashik and pursuing B.E in Electrical Engineering was engaged with SHREE ENERTECH Ltd. Nashik. He has undergone internship of one month from 21.01.2023 to 20.02.2023 at our worked on Solar Site under the guidance of Mr. Ravindra Tarware.

During this period he had hands on experience in Installation of Solar highmast, solar invertor, solar motor.

We wish him all the best for his future endeavours.



Ravindra Tarware  
( Site manager )

Shree Enerotech



Yours sincerely,  
SHREE ENERTECH



Reg. No. MH23A0057602

# Certificate of Internship

This is to certify that

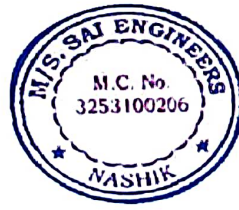
**Mr. / Ms. KAUSTUBH VIKAS WAYKOLE**

Has successfully completed his/her internship of a four weeks from period  
23 Jan 2023 to 21 Feb 2023 on **“Solar PV System and Business Management”**

The recipient got a basic understanding of energy, power, electricity bill, and solar systems.

The recipient can estimate the electricity needs of a home and design a solar system for the same.

**Director**



**President**

Certificate No.: 012023SEVE93F

**Office Address**

181/A, Plot No.2, Near Hindi School,  
ShramikNagar, Ashok Nagar,  
Satpur,Nashik- 422 012.

GSTIN/UIN:- 27AQDPT2467K1ZC

---

**SHREE ENERTECH**

20.02.2023

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. Mahendra Ramdas Zole, student of Sapkal Knowledge Hub, Nashik and pursuing B.E in Electrical Engineering was engaged with SHREE ENERTECH Ltd. Nashik. He has undergone internship of one month from 21.01.2023 to 20.02.2023 at our worked on Solar Site under the guidance of Mr. Ravindra Tarware.

During this period he had hands on experience in Installation of Solar highmast, solar invertor, solar motor.

We wish him all the best for his future endeavours.



Ravindra Tarware  
( Site manager )

**Shree Enertech**

Proprietor

Yours sincerely,  
SHREE ENERTECH