

Pradnya Niketan Education Society, Pune. NAGESH KARAJAGI *ORCHID* COLLEGE OF

E-mail :<u>office@orchidenga.ac.in</u>, Website : <u>www.orchidenga.ac.in</u>, Phone : (0217) 2500020/21 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

NKOCET/ELECTRICAL/2022-23-II/ 31- A1

Date: 31 /03 /2023

To, Site Incharge, 10 MW, ACG Solar Plant.

Malumbra, Tuljapur 413623.

# Subject: Regarding permission of industrial visit to the plant.

Respected Sir,

Ours is an engineering college approved by AICTE, New Delhi and affiliated to **D**. **BATU University, Lonere**. We offer six-degree courses in engineering which are as follows.

- 1) Electrical Engineering
- 2) Electronics and Telecommunication Engineering
- 3) Computer Science and Engineering
- 4) Mechanical Engineering
- 5) Civil Engineering
- 6) Artificial Intelligence & Data Science

Our college is an institution committed to overall growth through a well-planned system. We are striving to provide qualified, motivated, capable and self-driven engineers to the society. To inculcate these qualities in students, we are arranging different industrial visits and training programs.

Your company is one of the well – known organization, which is sincere towards discharging social responsibilities. As a part of our curriculum, the students of **Third Year Electrical Engineering & Second Year Electrical Engineering** need to visit renewable energy power plant to complete the course need. Therefore, I kindly request you to give permission for visit of total 145 students to the solar power plant (10 MW Unit) and also **ENGROUP** a technical staff to guide our students regarding operation of Solar power plant.

atting for your positive reply.

Attached herewith: Roll call list of students

Thanking you, Yours faithfully,



Prof. Irfan I. Mujawar HOD Electrical Dept.



Sat, Apr 1, 2023 at 10:34 AM

# Industrial visit permission to NK Orchid College of Engineering & Technolgy,Solapur for site site of 10Mw ACG Solar Plant ,Malumbra.

1 message

Atul Prozeal <acgoandm@prozealinfra.com>

To: "amolauti@orchidengg.ac.in" <amolauti@orchidengg.ac.in>, "irfanmujawar@orchidengg.ac.in" <irfanmujawar@orchidengg.ac.in>

Cc: SMJ O&M <smjoandm@gmail.com>, Kishan Prozeal <kishan@prozealinfra.com>

Dear Sir,

We are accepting your request for industrial visit to our 10MW ACG Solar Plant Malumbra and as discussed with Amol Auti sir you must follow our company rules & responsibility during the site visit as Belows.

1.We are permitting to you on the basis of students visit in three/four batch , not two batch , due to high number of students will enter the premises , this is to take care of safe demonstration at site.

u must follow safety rule strictly, people should not go here and there, nobody is allowed to enter inside the substation . No body is allowed to touch any electrical as well solar panel, live equipment's.

3.No eatable items are allowed inside Solar plant premises. you must arrange the drinking water for the students. 4.ID proofs of all visiting person must be required, without ID no anyone allow in plant premises.

5. Every student will be required to wear Shoes.

Considering all the above aspects we are allowing you to visit the plant.

# You can Visit to site on date 4<sup>th</sup> & 5<sup>th</sup> APR 2023.

With regards,

Atul Burungale

Site In-charge ACG O&M





T: 9730477832

M: 7020164753

E: acgoandm@prozealinfra.com

W: www.prozealinfra.com

# Prozeal Infra Engineering Pvt. Ltd.

12<sup>th</sup> FLOOR, WEST WING 1209 & 1210, STRATUM VENUS GROUNDS, Nr. JHANSI KI RANI STATUE, NEHRUNAGAR, AHMEDABAD - 380015



# Pradnya Niketan Education Society, Pune. NAGESH KARAJAGI ORCHID COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail :<u>office@orchidengg.ac.in</u>, Website : <u>www.orchidengg.ac.in</u>, Phone : 9423084363 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

# **Electrical Engineering Department**

#### Date-03/04/2023

# NOTICE

All the students of SE & TE are hereby infirmed that our department has planned industrial visit to 10MW ACG Solar power plant at Malumbra, Tuljapur on Wed, 5<sup>th</sup> April 2023.

Important instructions regarding visit.

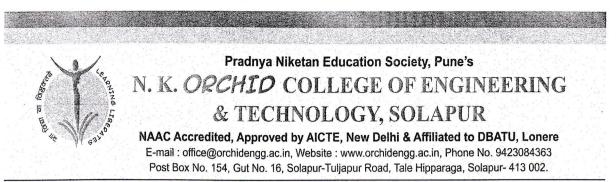
- 1) All students should wear college uniform, ID card and shoes.
- 2) Follow safety rule strictly
- 3) Students should not go here and there
- 4) Nobody is allowed to enter inside the substation
- 5) Nobody is allowed to touch any electrical as well solar panel, live equipment's.
- 6) No eatable items are allowed inside solar plant premises.
- 7) You must arrange the drinking water for you
- 8) Wear cap
- 9) Bring Aadhar card

Attendance is Mandatory for all Students. All students should report to college at 10:00am.

Prof. V iosale Coordinator

Prof. A. B. Aut Coordinator

Prof. Irfan I. Mujawar HOD



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir.

Bunil S. Malvedkor We, Mr. <u>Shubham</u> Mrs <u>Sunita</u> parents of <u>Shubham S. Malvadkar</u> bearing Roll number <u>36</u> studying in <u>TY</u> of Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

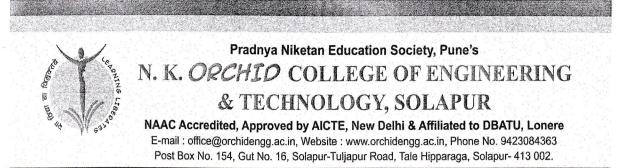
We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

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Signature of the student				(Parents/Guardian	's Signature)
Name of the Father:	Sunil.	5.	Mal	iadkar	
Name of the Mother:	Sunita	Sun	5) 6	Madvadi	Car
Contact Address: 177	, sanga	mes	hwar	nagar,	solapur.
Custact Phone No:	3623089	938.			



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Gopinath khandekar</u> Mrs <u>Laxmi khandekae</u> parents of <u>Vaishnavi khandekar</u> bearing Roll number <u>30</u> studying in <u>TECEE</u>) Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

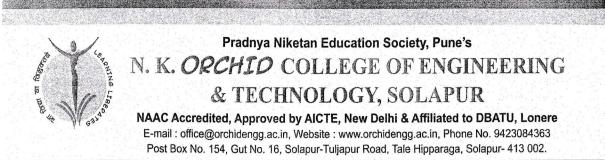
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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Othandekae.	Bar.
Signature of the student	(Parents/Guardian's Signature)
Name of the Father: Gopinath Khande	kat
Name of the Mother: Laxmikhandek	ae
Contact Address: 174, N.G. mill Ch	awi, murarj peth, Solapur
Contact Phone No: 9699480776	



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Gounishankar Kumbhar</u> Mrs <u>Prabhayati kumbhar</u> parents of <u>Revati G. Kumbhar</u> bearing Roll number <u>35</u> studying in <u>3'd</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

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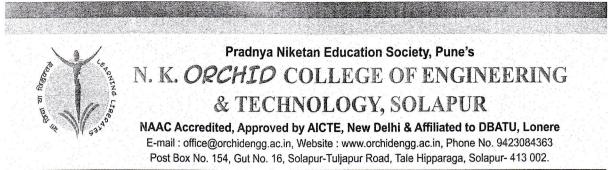
Yours sincerely,

Signature of the student

Annter

(Parents/Guardian's Signature)

Name of the Father: _	Gourishankar Kymbhar	
Name of the Mother:	Prabhquati Kumbhar	
Contact Address:	Jule solapur	
Contact Phone No:	7020760635	



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Sudhiy Nevgive</u> Mrs <u>Suzekha Nevgive</u> parents of <u>condified Sudhiy Nevgive</u> bearing Roll number <u>41</u> studying in <u>3<sup>dol</sup>ycers</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

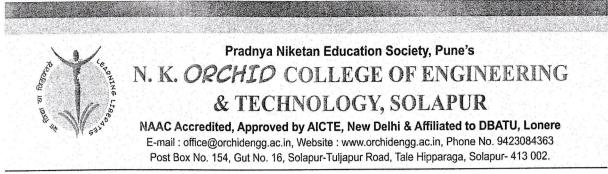
"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Signature of the studen	t		NOVGINC S. (Parents/Guardian's Signature)
Name of the Father:	sudhir N	angize.	
Name of the Mother:	suverha	suchir	nongia
Contact Address:	735046	4345	
Contact Phone No:			



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Audumbaz Trashett</u>; Mrs <u>Tayshei</u> <u>Irashett</u>; parents of <u>Sanjivani A. Trashetti</u> bearing Roll number <u>24</u> studying in <u>3</u> rolyr Electrical. Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

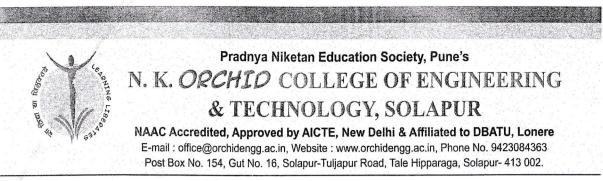
We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

A. It ashette

dian's Signature)

Signature of the student	(1 dronts/ Oudrandian's Signature)
Name of the Father: Audumbaz Tra	shetti
Name of the Mother: Jayshei Trash	etti
Contact Address: AT/Post doddi	Solapuz.
Contact Phone No: 9307939273	• 



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Basavaraj Badure</u> Mrs <u>Jayshri Badure</u> parents of <u>Sumif·Badure</u> bearing Roll number <u>01</u> studying in <u>Type</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

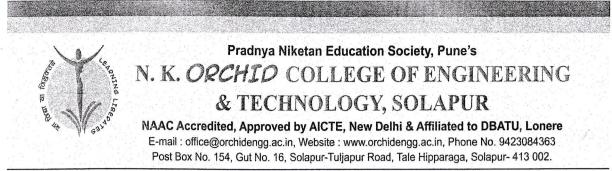
We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

ours sincerely.

esavara (Parents/Guardian's Signature) Signature of the student Basavaraj, Badure Name of the Father: Name of the Mother: Jayshri Badyre Contact Address: Shree Siddeshwar sakhar farkhang 766679205 Contact Phone No:



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Taher</u> Vajir Sayyed Mrs <u>Tasleen</u> <u>Taher</u> Sayyearents of <u>Asma Taher</u> Sayyed, bearing Roll number <u>57</u> studying in <u>3</u><sup>rd</sup> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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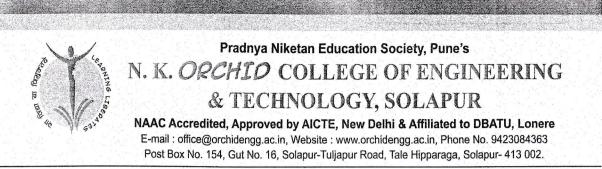
We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

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(Parents/Guardian's Signature) Signature of the student Name of the Father: Taker Vajir Sayyed. Name of the Mother: Tasleen Tater Sayyed. Contact Address: Siddheshwar Peth Solgpus. Contact Phone No: 9529169993.



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>MalKarSidha Nimbal</u> Mrs <u>Kashibai</u> <u>Nimbal</u> parents of <u>Deepak</u>. <u>M. Nimbal</u> bearing Roll number <u>43</u> studying in <u>TE-EE</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

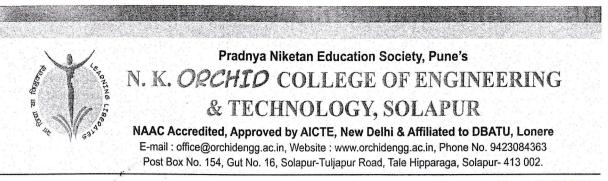
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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

LTH. 21, Bratas D.M. Nimbal Signature of the student (Parents/Guardian's Signature) Name of the Father: Malkarsidha Nimbal Name of the Mother: Kashibaj Nimber Contact Address: E-2 bhaqyoday P.W.D housing society, Naizindagi Road solapur. Contact Phone No: 8329850903.



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Vijayku max Shewale</u> Mrs <u>Pushpa Shewal</u> parents of <u>Vishakha</u> <u>Shewale</u> bearing Roll number <u>63</u> studying in <u>sy</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

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Signature of the student	(Parents/Guardian's Signature)
Name of the Father: Vijaykumar. N.	Shewale
Name of the Mother: Pushpa V. Sh	ewale
Contact Address: Juni mil Com	pound Muraraji peth, Solapus
Contact Phone No: 9518976409	, J

Pradnya Niketan Education Society, Pune's N.K. ORCHIO COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail : office@orchidengg.ac.in, Website : www.orchidengg.ac.in, Phone No. 9423084363 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

Date: 03/04/2023

To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Yallappa Shinde</u> Mrs <u>Manisha Shinde</u> parents of <u>Mayuri Shinde</u>, bearing Roll number <u>65</u> studying in <u>2</u><sup>nd</sup> year Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

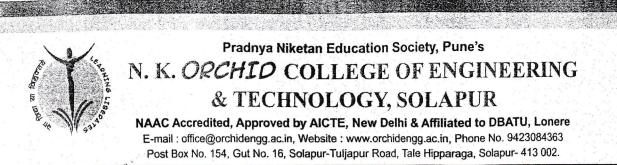
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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Signature of the student	(Parents/Guardian's Signature)
Name of the Father: Yallappa shindle	
Name of the Mother: <u>Manisha</u> shinde	
Contact Address: 18 vasant vibar	bhag No:3, solapur
Contact Phone No: 9860905159	



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Vishal Tambe</u> Mrs <u>Vijayalarmi Tambe</u> parents of <u>Vishakhq Vishal Tambe</u> bearing Roll number <u>68</u> studying in <u>2</u><sup>rd</sup> yean <u>Electrical</u>, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

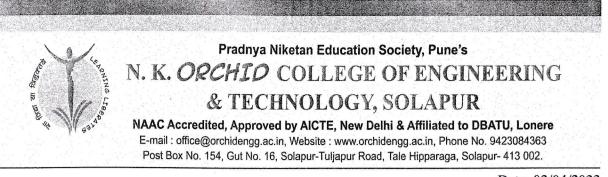
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Signature of the student	(Parents/Guardian's Signature)
Name of the Father: Vishal V. Tambe	
Name of the Mother: Vijyalazmi, V. Tap	Ibe
Contact Address: \$7/66 New Rungzuj	nagen old vidi gharkul solapn.
Contact Phone No: 80 10 95 7292	



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mrs M parents bearing Roll number 13 studying in dite Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

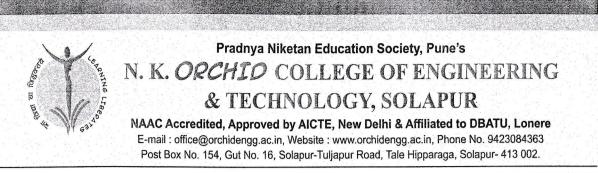
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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Signature of the student (Parents/Guardian's Signature) Name of the Father: Kalendre Adinath Darde Rajendag Name of the Mother: 1079 horanda Ramatant Contact Address: B-447 9970 6635 Contact Phone No.



To, The Principal, NKOCET, Solapur. 413002

Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Sugesh Kalsheddi</u> Mrs <u>Anita Kalshedd</u> parents of <u>MUHU Kalsheddi</u> bearing Roll number <u>28</u> studying in <u>59</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

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THEL	S. Bite
Signature of the student	(Parents/Guardian's Signature)
Name of the Father: 548esh	Kalshetti
Name of the Mother: Anita	kalshedti
Contact Address: At - Andhewadi,	Ta-AKKalkot Dis-Solapy8.
Contact Phone No: _ 9665302765	· · · · · · · · · · · · · · · · · · ·



# Pradnya Niketan Education Society, Pune's N. K. ORCHID COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail : office@orchidengg.ac.in, Website : www.orchidengg.ac.in, Phone No. 9423084363 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

Date: 03/04/2023

To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. Suresh S. Pawar Mrs Sunita S. Pawar parents of <u>Yogesh Suresh Pawar</u> bearing Roll number 55 studying in SEElectrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

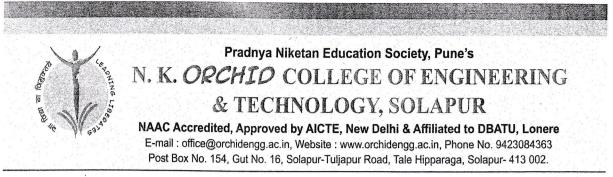
"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Degeto .		to un	
Signature of the student	(Pare	nts/Guardian's Sig	nature)
Name of the Father:	Shankar	Pawar	
Name of the Mother: <u>Sunita</u>	Suresh	Pawar	
Contact Address: 262, Bharat	ratha indi	ra Nagar	, Solapur
Contact Phone No: 742089			I.



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir.

Mr. Shriniwas Kassa We. Anju Mrs Kassa parents of Ishwar Kassa bearing Roll number 31 studying in 5EElectrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

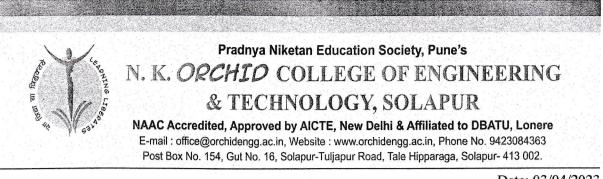
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Yours sincerely,

Signature of the student	(Parents/Guardian's Signature)
Name of the Father: Shainiwas Kas	Sq
Name of the Mother: Anju Kassa	
Contact Address: Venugopal nagar	Solapur
Contact Phone No: 7020922306	



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Virpukshi Badure</u> Mrs <u>Sujuta badure</u> parents of <u>Vishal.</u> <u>Badure</u> bearing Roll number <u>03</u> studying in <u>59</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

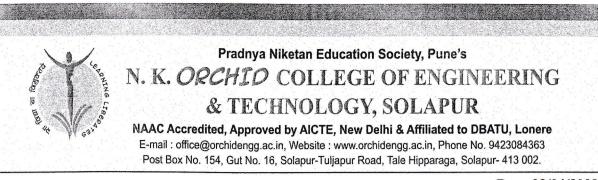
"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

(Parents/Guardian's Signature) Signature of the student lirapakshi Name of the Father: Name of the Mother: Solupure. neidur roud Contact Address: 9145740,000 ontact Phone No:



To, The Principal, NKOCET, Solapur. 413002

#### Subject: Submission of "Industrial Visit Undertaking"

Dear Sir,

We, Mr. <u>Ash faque</u> Mrs <u>Shamshael</u> parents of <u>Aboat</u> <u>Shoukh</u> bearing Roll number <u>C</u> studying in <u>SE</u> Electrical, Department of Electrical Engineering in N K Orchid College of Engineering & Technology, Solapur herewith voluntarily submitting the under taking.

"We, the undersigned parents/guardian, acknowledge that our son/daughter will be participating in an industrial tour organized by the institute to the 10 MW ACG Solar power plant in Malumbra-Tuljapur on 05/04/2023. We fully accept their participation in the visit."

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We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

A. D. Shajkt		A.S.Sheukh
Signature of the student		(Parents/Guardian's Signature)
Name of the Father: Ashfaque	Shaijkh.	
Name of the Mother: Sham Shad	shajkh.	
Contact Address: 17, kurban	Hussain	Magor, Solqpure
Contact Phone No: 940522507	6.	

# N.K. Orchid College of Engineering & Technology, Solapur Department of Electrical Engineering Industrial Visit Attendance

Details:- 10MG, ACG, 500	12 Power Plant	+ Malumbra-Tujjapur
--------------------------	----------------	---------------------

# A.Y. 2022-23-II

Class:- SY Ele.	$\sim$	Date:- 05/04/2023
Roll No.	Student Name	Sign
1	Ambalgi Vinayak Basavraj	Bt
2	Andage Shivani Sanjay	SLADG AF
3	Badure Vishal Virpakshi	V. Berleve
4	Barenkal Sainath Shriniwas	Fornett
5	Basabattin Rakesh Tirupati	BREATESH
6	Bhise Samarth Appasaheb	Jung-
7	Bingi Rahul Narsing	Rahus
8	Charhajari Krishna Santosh	Knipa.
9	Chilaveri Rohan Ramesh	Pohan
10	Chilveri Rajendra Upendra	( Devend 29
11	Choudhari Onkar Nagnath	Odlar
12	Choudhari Zarin Shakeel	B7
13	Dande Aditya Rajendra	Date
14	Dethe Avantika Arun	trastiky
15	Dhabbe Prajakta Iresh	Dhabbe
16	Dhavan Aditya Satish	B.S.Dballan
17	Doijode Sakshi Manik	hoiledos.m.
18	Gadekar Arpita Sadanand	Acopata
19	Gaikwad Sunanda Babu	Service
20	Gudur Anjali Shankar	A. I. Jack
21	Hangal Amulya Laxmikant	Amulitel.
22	Hippargi Siddheshwar Sangappa	Still
23	Ingale Abhishek Arjun	JENNA EN-A
24	Jadhav Sagar Mahadev	< AB>
25	Joshi Ashish Prakash	AB
26	Kadadas Prathmesh Anand	PKadaelas
27	Kale Amruta Dhanaji	- Sweet

# N.K. Orchid College of Engineering & Technology, Solapur Department of Electrical Engineering Industrial Visit Attendance

# Details:-

# A.Y. 2022-23-II

Class:- SY Ele		Date:- 05/04/2023
Roll No.	Student Name	Sign
28	Kalshetti Muttu Suresh	( CARL
29	Kalyani Laxmi Sunil	Far
30	Kamble Neha Ashol	Nerg
31	Kassa Ishwar	Uffer-
32	Kharate Prashik Vijay	← AB →
33	Komari Nayana Nagesh	Rut
34	Konkal Megha Hanmantu	Megha-
35	Kontam Kartik Chandrakant	< AB ->
36	Kulkarni Aparna Anil	Aparpa
37	Kulkarni Atharv Santosh	ZAB ->
38	Kurlekar Priyanka Vinayak	Toillaster.
39	Madhekar Shreya Shriniwas	Jundes
40	Magar Onkar Abhijeet	The
41	Mali Suryavanshi Aishawarya Prabhakar	dite "
42	Mane Samarth Dinkar	- CAM
43	Manepatil Nandini Mahesh	Tatil
44	Mittha Parimala Narasinh	(AB-)
45	Nagansur Akash Jagadish	Atast
46	Naiknavare Pradumya Laxman	landump.
47	Padal Durgalaxmi Raju	dp=
48	Palampalle Santoshi Mahadev	- Spale
49	Pandhare Karnal Vilas	P
50	Patel Moh Sufiyan Shakil	-Sakl
51	Patel Sohail Ashapak	AB
52	Patil Digvijay Mohan	Matt
53	Patil Prajakta Vinod	Proyok+4
54	Pawar Utkarsha Shrirang	paworr.
55	Pawar Yogesh Suresh	Port -
56	Pujari Aishwarya Siddhareddi	Paria li
57	Qureshi Miftha A Rauf	Miktlie

# N.K. Orchid College of Engineering & Technology, Solapur Department of Electrical Engineering Industrial Visit Attendance

# **Details:-**

# A.Y. 2022-23-II

# Class:- SY Ele.

Doll No		Date:- 05/04/2023
Roll No.	Student Name	Sign
58	Rathod Pragati Vasant	
59	Rathod Samarth Suresh	- Ap
60	Shaikh Aasam Naushad	C AR
61	Shaikh Abrar Ashfaque	A Activity
62	Shaikh Suzain Shiraj	AB
63	Shewale Vishakha Vijaykumar	t we
64	Shinde Aditya Netaji	AR
65	Shinde Mayuri Yallappa	
66	Shinde Vaibhav Santosh	1 00
67	Sitapure Sneha	AB AB
68	Tambe Vishakha Vishal	A ALS ->
69	Tupsamindar Vishal Daji	Humbse
70	Umbre Aishwarya Vishweshwar	ST IMAYO
71	Vanga Mahesh Vyankatesh	New Met
72	Wagavkar Sourav Jagannath	Vacyon
73	Wakade Rohit Chandras	AB

Prof. A. B. Auti

Coordinator

Prof. Irfan I. Mujawar HOD Electrical Dept.

# N.K. Orchid College of Engineering & Technology Department of Electrical Engineering Industrial Visit Attendance

Details:-10MM, ACG, Solar POLOUS Plant, Malumbra-Tuljapur,

# A.Y. 2022-23 SEM-II

Class:- TY Ele.

# Date:- 05/04/2023

Roll No.	Student Name	Sign
1	Badure Sumit Basavaraj	C AB
2	Bagewadi Mubeen Sayed	K-AB->
3	Bandagi Saikumar Sunil	Baikuns
4	Bansode Pankaj Suhas	PankyfB
5	Bhaganagare Rohan Rajendra	E AB ->
6	Bhandare Vinit Vishal	ORNET
7	Bhimrathi Vijay Laxman	Vijaus
8	Bhosale Rohit Sanjay	Rohi
9	Bhosale Sanket Dasharath	geneleel
10	Bhushetti Umesh Rajshekhar	RE
11	Birajdar Vishal Gangadhar	KAB ->
12	Chandanshive Pragati Vitthal	Thaspiep.v.
13	Daphale Kumar Keshav	German
14	Desai Shrinath Sunil	- AB>
15	Dhale Shekhar Dhanraj	< AB ->
16	Dhoralkar Sanket Sanjivkumar	< AB->
17	Dornal Navin Vijay	Am.
18	Dukare Om Suhas	Qm
19	Gadagi Rahul Shriniwas	Chipy.
20	Gaikwad Shweta Sanjay	Shineter.
21	Gattu Nikita Tomas	(P TOULOS
22	Ghodake Rutuja Vilas	Ruter 9
23	Ingalgi Gauri Nagnath	- Hay Carrielle
24	Irashetti Sanjeevani Audumbar	Banjeevani Joashetti
25	Jadhav Pratik Dhananjay	(-AB-)
26	Jankar Vaishnavi Narayan	Quiety-
27	Jodmote Ajit Tamanna	A
28	Kale Nikita Girjaji	ataly -
29	Kazi Mohammad Kaif Ahad	(AB ->
30	Khandekar Vaishnavi Gopinath	Reporde K&

# N.K. Orchid College of Engineering & Technology Department of Electrical Engineering Industrial Visit Attendance

# **Details:-**

A.Y. 2022-23 SEM-II

Class:- TY Ele.

Date:- 05/04/2023

Roll No.	Student Name	Sign
31	Khemkar Abhijit Dattatray	$\leftarrow AB \longrightarrow$
32	Koralli Isha Bharat	Koralli
33	Kotiwale Ruturaj Mahesh	Tool
34	Kshirsagar Onkar Sunil	Ohver
35	Kumbhar Revati Gourishankar	Devert
36	Malvadkar Shubham Sunil	Xhuppen
37	Mane Onkar Arjun	AB-
38	Mhetre Teja Tamanna	reia
39	Nalla Gautam Satish	Gautam.
40	Nampalli Omkar Narendra	Dompalli
41	Navgire Sandhya Sudhir	Seenelly
42	Nilee Navneet Chandrakant	N.C. Niles
43	Nimbal Deepak Malkarsidha	D-M-Nimber
44	Padamgonde Nagesh Rajendrakumar	Row
45	Patade Vijay Mahadev	Linger
46	Pathan Aasma Shafik	Pathan R.S.
47	Patil Pruthviraj Ratnadip	Pha
48	Patil Sanjay Nandkumar	(AB -)
49	Pethe Vivek Netaji	a AB ->
50	Pingale Kiran Shrimant	Gross
51	Pobatti Satish Nagnath	Can-4
52	Pujari Sidhappa Bharamanna	« AB -
53	Rathod Pawan Somsing	P.S.Rothal
54	Sagare Sameer Shivanand	Sam
55	Sargam Vinit Harish	Vinjiany.
56	Satpute Prashant Dashrath	Astur
57	Sayyed Asma Taher	Ama
58	Shaikh Nadeem Mahemood	K AB -
59	Shinde Audumbar Avinash	c-AB->
60	Shivraygol Nagraj Shankar	NSS

# N.K. Orchid College of Engineering & Technology Department of Electrical Engineering Industrial Visit Attendance

# **Details:-**

A.Y. 2022-23 SEM-II

Class:- TY Ele.

Date:- 05/04/2023

Roll No.	Student Name	Sign
61	Sonnad Siddharudh Mallikarjun	$\langle AB \longrightarrow$
62	Surwase Snehal Shashikant	Inchas
63	Sutar Sukannya Rajkumar	-829
64	Sutar Supriya Rajkumar	Swyel.
65	Swami Prajakta Shambholing	Projokta
66	Swami Samarth Mahadeo	(AB >>
67	Talbhandare Harshal Naganath	Salphendere 17. W
68	Tamboli Aman Murad	-AB -
69	Tamboli Moiz Md Moosa Ali	< AB ->
70	Tatikonda Karan Lingraj	Egwent
71	Udgiri Dhanraj Ajay	< AB ->
72	Ujalambe Pradip Iranna	Belamke
73	Vadnal Vaishnavi Ramesh	Veistnau!
74	Vadsherla Vamsi Kishore	< AB >
75	Yejgar Atish Gopal	AABS
76	Zendekar Prasad Keshav	'P

Prof. A Coordinator

Prof. Irfan I. Mujawar HOD Electrical Dept.



Pradnya Niketan Education Society, Pune. NAGESH KARAJAGI ORCHIO COLLEGE OF **ENGINEERING & TECHNOLOGY, SOLAPUR** 

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 E-mail :<u>office@orchidengg.ac.in</u>, Website : <u>www.orchidengg.ac.in</u>, Phone : (0217) 2500020/21
 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

NKOCET/ELECTRICAL/2022-23-II/5A1

Date:- 05/04/2023

To. Atul Burangale site Incharge, 10 M W, Act 50 las Plant, Malumbra: Tuljapuz.

Subject:- Letter of Appreciation & Thanks.

Good Day Sir/Madam,

On behalf of our Institute & Department we express our sincere thanks for giving permission for visit your esteemed organization. This interaction helps our students to enrich their knowledge. Looking ahead for same co-operation in future.

Thanking you,

Prof. Irfan I. Mujawar

Received Atul 1412022



Pradnya Niketan Education Society, Pune. NAGESH KARAJAGI ORCHIO COLLEGE OF **ENGINEERING & TECHNOLOGY, SOLAPUR** 

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail :<u>office@orchidengg.ac.in</u>, Website : <u>www.orchidengg.ac.in</u>, Phone : (0217) 2500020/21 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

NKOCET/ELECTRICAL/2022-23-II | 5 A 1

Date:- <u>4</u>/2023

To, <u>Sautosh Rathod</u>, <u>Site incharge</u>(**G**m<del>G</del>). <u>Iomw, Actr</u> Bolaz Plant, Malumbra, Tuljapus

Subject:- Letter of Appreciation & Thanks.

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Recieved Pathod Pathod Rownbosh Pauthod



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NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail :<u>office@orchidengg.ac.in</u>, Website : <u>www.orchidengg.ac.in</u>, Phone : (0217) 2500020/21 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

NKOCET/ELECTRICAL/2022-23-II

Date:- <u>*()*</u>/2023

To, Thoset site Managers, 10MW, ACG Solaz Plant, Malumbra - Tuljapuz.

Subject:- Letter of Appreciation & Thanks.

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Prof. Irfan I. Mujawar

Receiveel



Pradnya Niketan Education Society, Pune. NAGESH KARAJAGI ORCHIO COLLEGE OF **ENGINEERING & TECHNOLOGY, SOLAPUR** 

<sup>69</sup> NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail :<u>office@orchidengg.ac.in</u>, Website : <u>www.orchidengg.ac.in</u>, Phone : (0217) 2500020/21 Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002.

NKOCET/ELECTRICAL/2022-23-II | 5 A 1

Date:- <u> / 24</u>/2023

To, <u>Sautosh Rathod</u>, <u>Site incharge</u>(**B**m**G**). <u>Iomw, Actr</u> Solaz Plant, Malumbra, Tuljapus

Subject:- Letter of Appreciation & Thanks.

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Recieved Pathod Pathod Rowhosh Pauthod



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	Department of Electrical Engineering
	<b>Eminent Personalities Feedback Form</b>
) N	ame: Santosh Bathiod
2) E	ducational Qualification: BE (Electrical)
3) A	area of Specialization: Solars Energy
4) E	Designation: Bite Incharge Drganization: SMJ Build Con prt. Ltel.
5) (	Drganization: SMJ Buildcon prt. Ltd.
6) C	Contact No: 9552044205
7) E -	Email ID: SMJ Oand M & gmail. com
8) I	Purpose for inviting the expert: Industrial visit
9) I	Feedback about the students engagement and knowledge:
-	1) The students were been to gein the
-	Icnowledge of solar inergy and the inclustor
2	) They are well knowledged about the
1 <del>.</del>	Icnowledge of solar inergy and the Industry ) They are well knowledged about the solar Energy sector.
10)	Suggestion's for improvement:

4/8/23, 2:51 PM

# Feedback form of industrial visit of SY and TY Electrical Students at 10 MW ACG Solar power plant Malumbra-Tuljapur on 05/04/2023 (2022-23 Sem-II)

Class 92 responses • SY Electrical • TY Electrical

https://docs.google.com/forms/d/1mjpzhDNAPvTOjystYWT52bu1oDFkgqyyHIRI7z52vjY/viewanalytics

435835576283			
708682502318			
852296830977			
5445-9108-4246			
338132396473			
Give feedback of following	g questions.		

Excellent

Average

BestGood

Below Average
58.7%
2) Did the visit meet your expectations?
92 responses

9.8%

30.4%

esponses

https://docs.google.com/forms/d/1mjpzhDNAPvTOjystYWT52bu1oDFkgqyyHIRI7z52vjY/viewanalytics

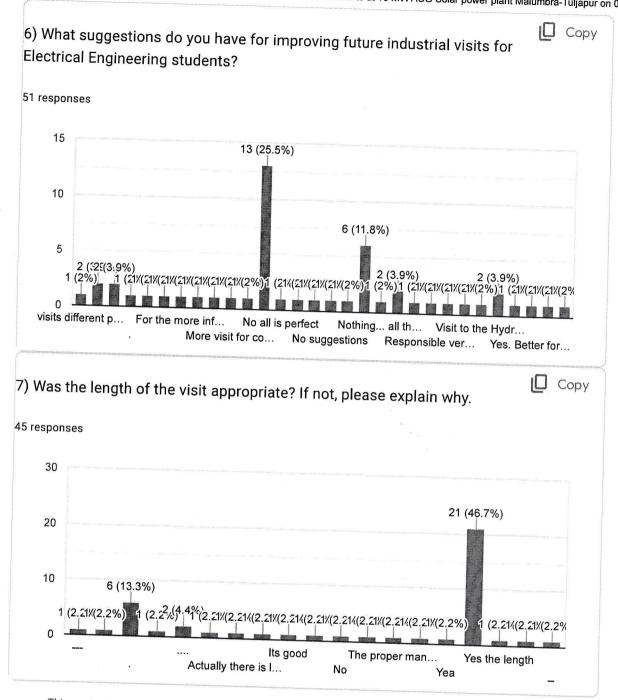
О Сору

4/8/23, 2:51 PM Feedback form of industrial visit of SY and TY Electrical Students at 10 MW ACG Solar power plant Malumbra-Tuljapur on 05/04/20... 3) Wheather this visit enhance your understanding of the concepts Copy related to solar power generation and distribution? 92 responses YES No No MAY BE 96.7% 4) How would you rate the overall organization and planning of the О Сору industrial visit? 92 responses Excellent 33.7% best Good average below average 56.5% Ю Сору 5)What was the most interesting or useful aspect of the visit for you? 92 responses Solar PV Panel SCADA System Inverter System 23.9% 14.1% Transformer and Circuit Breakers 45.7%

https://docs.google.com/forms/d/1mjpzhDNAPvTOjystYWT52bu1oDFkgqyyHIRI7z52vjY/viewanalytics

4/8/23, 2:51 PM

Feedback form of industrial visit of SY and TY Electrical Students at 10 MWACG Solar power plant Malumbra-Tuljapur on 05/04/20...



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# **Google** Forms



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# N. K. ORCHID COLLEGE OF ENGINEERING

& TECHNOLOGY, SOLAPUR NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere E-mail : office@orchidengg.ac.in, Website : www.orchidengg.ac.in, Phone No. 3423084363 Post Box No. 154, Gut No. 15, Solapur-Tujapur Road, Tale Hipparaga, Solapur-413 002.

FEEDBACK F

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Y	
C)	
₹ R	
Ξ.	

	06 07	Yes Better		Var 1 1		T			hing	No No	Nothing		No o o	ning	F	Circuit Breakers		Circuit Breakers	Vec	537	Nfter Vac	ina	. Simor	Circuit Breakers		Circuit Breakers This visit is excellent		No Yes		Keep Yea			INIG Yes	No Hereit	No all is nerfact	For the more	T			Monthly one Yes
HNO I NO	04 05	Excellent SCADA System	Excellent Solar PV Panel	Excellent Solar PV Panel	best Transformer and (	best Transformer and (	Excellent Inverter System			1	-		Excellent Inverter System	best Inverter System		ent	_	Excellent Transformer and Circuit Breakers			Excellent SCADA System	Excellent Solar PV Panel	Excellent Solar PV Panel				llent		Excellent Solar PV Panel	od Color DV Panel	Τ				Excellent Solar PV Panel			Excellent Inverter System	cllent	best Solar PV Panel
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# Pradnya Niketan Education Society, Pune's N. K. ORCHID COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR

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# **Department of Electrical Engineering**

### **Report on industrial visit at Solar Power Plant**

#### Date: - 05th April 2023

#### A.Y. 2022-23 (Sem-II)

On 5th April 2023, a group of 130 second and third year Electrical Engineering students visited the 10 MW ACG Solar Power Plant located in Malumbra-Tuljapur. The aim of the visit was to gain practical knowledge about the installation, maintenance, and operation of a solar power plant.

Upon arrival, the students were greeted by the site Incharge of the plant, Mr. Atul Burangale, Mr. Santosh Rathod, and Mr. Niket Thorat. They started the tour by explaining the working of solar panels, how they generate electricity from sunlight, and how they are connected in series and parallel to form an array.

Next, they explained the role of the transformer and circuit breakers in the plant. They also demonstrated how they are operated and maintained.

The students were then taken to the inverter room, where they were shown the type of inverter used in the plant. The plant uses central inverters, which are more efficient than string inverters and require less maintenance.

The tour also included a visit to the Weather Monitoring Station (WMS), which is used to monitor the temperature, wind speed, and solar radiation levels. The students were shown how this data is used to optimize the plant's performance.

Mr. Atul Burangale and his team also discussed the practical difficulties they face during the operation of the plant, such as maintenance of the solar panels and inverters, and how they overcome them.

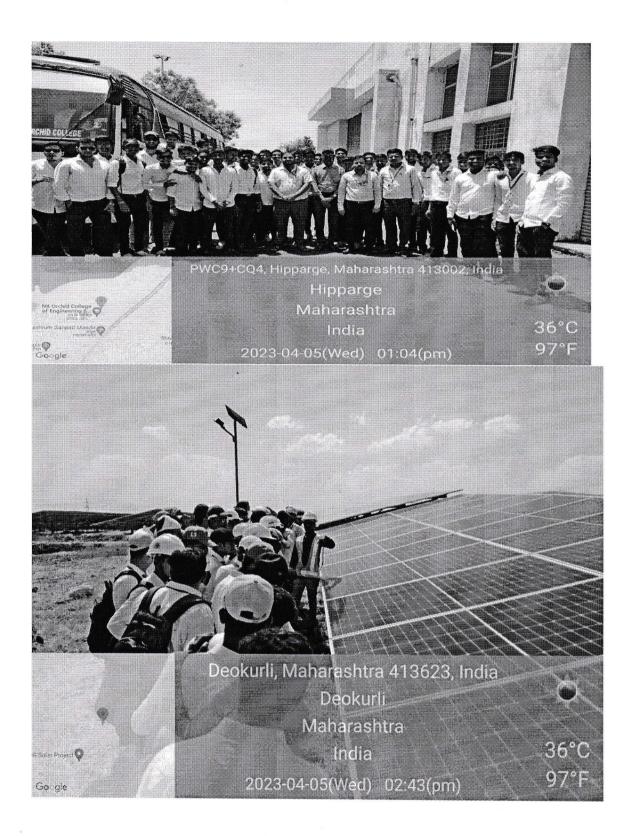
The tour concluded with a demonstration of the SCADA system used to monitor and control the plant's operation. The students were shown how the system tracks the energy production, transmission, and distribution in real-time. Overall, the visit was very informative and provided the students with valuable insights into the installation, maintenance, and operation of a solar power plant.

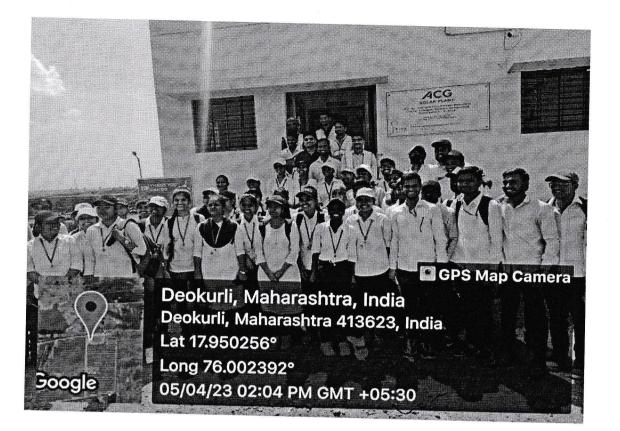
Faculty coordinators expressed their gratitude to Mr. Atul Burangale and his team for their hospitality and for providing an excellent learning opportunity for the students.

#### No. of student visited - 130

### Faculty coordinators -

- 1) Prof V B Bhosale
- 2) Dr. N.K Sharma
- 3) Prof. J B Patil
- 4) Prof. A B Auti
- 5) Prof. P B Sakhare
- 6) Prof. K.B.Tamboli
- 7) Prof. A. P. Dhamangaokar





Prof. A.B. Auti Coordinator

Prof. V.B.Bhosale Coordinator

Prof. I I. Mujawar HOD