

Laxmi Shikshan Sanstha & Krida Mandal's College Code :- 524
**Late Nirdhanrao Patil Waghaye Arts, Commerce &
Science College Andhalgaon**
Ta: Mohadi Dist: Bhandara 441914
(Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur)

Email Id :- latenpwcandhalgaon@gmail.com

Website :- www.npwcandhalgaon.org

Ref. No. :- NPWC/

Date :-

To

33/11/14 Andhalgaon
Sesosthan
Nerla.

Subject: Request for permission to visit Power House by Teacher and Students of College.

Ref : Study of Fundamentals of Electricity: Visit to Power House for the VI SEM students.

Respected Sir/ Madam

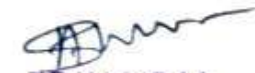
The college students have to undertake some field work and prepare report on it as a part of their study. Being the College and students are from rural area, Students need some kind of Extra Curricular exposure for their development.

College request you to grant the permission to visit your Power House to have some practical knowledge for the students. College requests you to allow 2 teachers and 20 students to visit the factory. We assure you that students will abide by rules, regulations, discipline and safety measures of Power House.

Kindly permit us to visit the Power House on any day in coming week.

Thanking you in anticipation.


कनिष्ठ अभियंता
म.रा.वि.वि.कं. मर्या
अध्यक्षांचे निवेदन केंद्र
9/11/23


PRINCIPAL
Late N.P.W. College
Andhalgaon Dist.-Bhandara

Laxmi Shikshan Sanstha & Krida Mandal's College Code :- 524
**Late Nirdhanrao Patil Waghaye Arts, Commerce &
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Email Id :- latenpwcandhalgaon@gmail.com

Website :- www.npwcandhalgaon.org

Ref. No. :- NPWC/1294/SVV

Date :- 09/11/2025

To

President

Nomen Rural Development Welfare Association

CKOSA Factory

Subject: Request for permission to visit Factory/ Industry by Teacher and Students of College.

Ref: Field work for the VI SEM students.

Respected Sir/ Madam

The college students have to undertake some field work and prepare report on it as a part of their study. Being the College and students are from rural area, Students need some kind of Industrial exposure for their development.

College request you to grant the permission to visit your Factory/ Endeavor to have some practical knowledge for the students. College requests you to allow 2 teachers and 20 students to visit the factory. We assure you that students will abide by rules, regulations, discipline and safety measures of factory.

Kindly permit us to visit the factory on any day in coming week.

Thanking you in anticipation.

श्री. पाश्वती ना. बाशपात्रे
अध्यक्ष

मुनेस रुरल डेवेलपमेन्ट वेलफेयर असोसिएशन
आधळगाव, तह. मोहाडी, जि. भंडारा - ४४१९१४
नोंदणी क्र. २७५/२०००/मं.

Principal
Late N.P.W. College
Andhalgaon Dist. Bhandara

Laxmi Shikshan Sanstha & Krida Mandal's College Code :- 524
**Late Nirdhanrao Patil Waghaye Arts, Commerce &
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Email Id :- latenpwcandhalgaon@gmail.com

Website :- www.npwcandhalgaon.org

Ref. No. :- NPWC/1296/DVX

Date :- 09/11/2023

To

Shri Gurudev Factory
Cosg Andhalgaon

Subject: Request for permission to visit Factory/ Industry by Teacher and Students of College.

Ref : Field work for the VI SEM students.

Respected Sir/ Madam

The college students have to undertake some field work and prepare report on it as a part of their study. Being the College and students are from rural area, Students need some kind of Industrial exposure for their development.

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Kindly permit us to visit the factory on any day in coming week.

Thanking you in anticipation.


SHRI GURUDEV SADI CENTER

PROPRIETOR


PRINCIPAL
Late N.P.W. College
Andhalgaon Dist.-Bhandara

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Email Id :- latenpwcandhalgaon@gmail.com

Website :- www.npwcandhalgaon.org

Ref. No. :- NPWC/ 1297/522

Date :- 09/11/2023

To

Sanjay Rice Mills
- Andhalgaon

Subject: Request for permission to visit Factory/ Industry by Teacher and Students of College.

Ref : Field work for the VI SEM students.

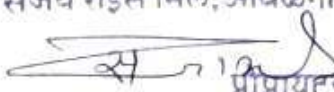
Respected Sir/ Madam

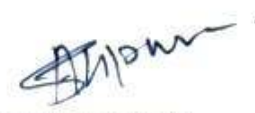
The college students have to undertake some field work and prepare report on it as a part of their study. Being the College and students are from rural area, Students need some kind of Industrial exposure for their development.

College request you to grant the permission to visit your Factory/ Endeavor to have some practical knowledge for the students. College requests you to allow 2 teachers and 20 students to visit the factory. We assure you that students will abide by rules, regulations, discipline and safety measures of factory.

Kindly permit us to visit the factory on any day in coming week.

Thanking you in anticipation.

संजय राईस मिल, आंधळगांव

प्रिप्रायटर


PRINCIPAL
Late N.P.W. College
Andhalgaon Dist.-Bhandara

Laxmi Shikshan Sanstha & Krida Mandal's

College Code :- 524

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Date:-

NOTICE

Dec 15, 2021

The groups of students are formed and displayed on notice board along with the title of Field Work in various streams which students need to complete during the study of 6th Sem. The list of respective guide is displayed on notice board.



A handwritten signature in blue ink, appearing to be "Shinghvi".

In charge

(Field Work Committee)

NOTICE BOARD DISPLY

List of group of Students along with Title and Guide of Field Work:

A. Study of Agricultural Solid Wastes: Causes, Effects, and Effective Management

1. Seemona Kiran Goure
2. Shilpa Devchand Budhe
3. Shraddha Rajesh Dakre
4. Sneha Pranhans Mehar
5. Tejaswini Jaidev Shende
6. Vaishali S. Bhadade
7. Vanita B. Sambhalwar
8. Varsha Prakash Bisne
9. Virangana M. Gaupale

Name of Guide : Prof. Harsha M. Thakare

B. Designing of Simple water Filter

1. Apurva V. Kamble
2. Dipkshika M. Barapatre
3. Komal Ramesh Shingade
4. Vaishali Manoj Varma
5. Ajit Dnyaneshwar Burde
6. Ali Aasim Ali Shabbir
7. Ayush Shyam Gajbhiye
8. Chandrashekhar V. Chaudhari

Name of Guide : Dr. Sachin R Rahangdale

C. A study of plastic pollution: effects and awareness measures

1. Niteen G. Kumbhare
2. Pranil C. Bhoyar
3. Shekhar N. Wadichar
4. Ashwin Ramesh Ramteke
5. Chetan R. Chaware
6. Pranay D. Dhurve
7. Achal Chhandeo Thakre
8. Achal Raju Kumbhalkar
9. Aishwarya C. Ishwarkar

Name of Guide : Dr. Swapnil Gadhave



D. Study of fundamentals of electricity: Visit to a power house

1. Aditya Raju Jangitwar
2. Durgesh Suresh Patle
3. Sanket Dilip Gurav
4. Shivani Hemaraj Uikey
5. Swapnalee K. Vaidya
6. Vikram Ashok Katore
7. Samket Dilip Gurav
8. Shamsundar Laxman Kosare

Name of Guide : Dr. Sudhirkumar R Munishwar

E. Bioremediation of waste water using phytoplankton and their separation

1. Bharti Chotelal Patle
2. Bharti Khandeo Burade
3. Dipali Hemraj Kadao
4. Megha S. Gajbhiye
5. Mrunali S. Gajbhiye
6. Namrata A. Dongare
7. Oshin Bhagwat Gajbhiye
8. Sakshi Uttam Umare

Name of Guide : Prof. Harsha M. Thakare

F. A study of Milk samples to detect Urea and Sugar.

1. Nitin Govardhan Kumbhare
2. Nitin S. Waghmare
3. Pranay D. Dhurve
4. Pranil C. Bhoyar
5. Pravin G. Kunbhare
6. Raman P. Parashuramkar
7. Shekhar N. Wadichar
8. Jayashri G. Ade

Name of Guide : Dr. Nitin Dighore



G. A study of Tree Cutting in Mahadi Taluka

1. Deepali Arun Kodape
2. Payal Dewdas Dongare
3. Priyanka Manohar Bawane
4. Rupali Kishor Ishwarkar
5. Shraddha Ragiv Meshram
6. Sudha Vinodkumar Soni
7. Mohammadhayat M. Shiekh
8. Subham Anil Chutelkar

Name of Guide : Prof. Rajkumar D. Jagnit

H. A study of Tusser Silk (KOSA) Industry in Andhalgaon

1. Bharti Ashok Ladse
2. Gayatri Kashinath Belpade
3. Pallavi Dewanand Borkar
4. Shubhangi Rajkumar Larokar
5. Amit Mahagu Mohture
6. Harshal Nana Sahare

Name of Guide : Dr. Rachana Dumbhare

I. A study of problems of workers of Tusser Silk (KOSA) Industry in Andhalgaon

1. MAYUR BHAUDAS MESHRAM
2. SATYASHEEL P. NANDESHWAR
3. SHRĪKANT MAIPAL CHAUDHARE
4. SURAJ RAMRAO BAWANE
5. UMESH VASANT BHENDARKAR

Name of Guide :Prof. Anil Raut



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Ref. No. :- NPWC/

Date:- 28.04.2022

NOTICE

All the students of VI Sem and the groups of students are herewith instructed that the last date for submission of field work report along with the certificate from guide is 16 May 2022.

Kindly note that No extension will be given for submission.



In charge

(Field Work Committee)

Late Nirdhanrao Patil Waghaye Arts, Commerce & Science College Andhalgaon

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Date:-

1.3.2.

(Data of Final Year Students Completing Field Work Report for the Academic Year 2021-2022).

Programme name	Program Code	List of students undertaking field work	Place of work for Field work
	Topic of field work		
B.A. VI Sem	A study of Tree Cutting in Mahadi Taluka with special reference to Andhalgaon Block.	1. DEEPALI ARUN KODAPE	In an around Andhalgaon village
		2. PAYAL DEWDAS DONGARE	
		3. PRIYANKA MANOHAR BAWANE	
		4. RUPALI KISHOR ISHWARKAR	
		5. SHRADDHA RAGIV MESHARAM	
		6. SUDHA VINODKUMAR SONI	
		7. MOHAMMADHAYAT M. SHIEKH	
		8. SUBHAM ANIL CHUTELKAR	
B.Com. VI Sem	A study of Tusser Silk (KOSA) Industry in Andhalgaon.	1. BHARTI ASHOK LADSE	Andhalgaon
		2. GAYATRI KASHINATH BELPADE	
		3. PALLAVI DEWANAND BORKARR	
		4. SHUBHANGI RAJKUMAR LAROKAR	
		5. AMIT MAHAGU MOHTURE	
		6. HARSHAL NANA SAHARE	
B.Com VI Sem	A study of problems of workers of Tusser Silk (KOSA) Industry in Andhalgaon	1. MAYUR BHAUDAS MESHARAM	Andhalgaon
		2. SATYASHEEL P. NANDESHWAR	
		3. SHRIKANT MAIPAL CHAUDHARE	
		4. SURAJ RAMRAO BAWANE	
		5. UMESH VASANT BHENDARKAR	



B.Sc. VI Sem	Designing of Simple water Filter	1. APURVA V. KAMBLE	Late Nirdhanrao Patil Waghaye College Andhalgaon
		2. DIPKSHIKA M. BARAPATRE	
		3. KOMAL RAMESH SHINGADE	
		4. VAISHALI MANOJ VARMA	
		5. AJIT DNYANESHWAR BURDE	
		6. ALI AASIM ALI SHABBIR	
		7. AYUSH SHYAM GAJBHIYE	
		8. CHANDRASHEKHAR V. CHAUDHARI	
B.Sc. VI Sem	A study of plastic pollution: effects and awareness measures	1. NITEEN G. KUMBHARE	Nearby Places in Andhalgaon
		2. PRANIL C. BHOYAR	
		3. SHEKHAR N. WADICHAR	
		4. ASHWIN RAMESH RAMTEKE	
		5. CHETAN R. CHAWARE	
		6. PRANAY D. DHURVE	
		7. ACHAL CHHANDEO THAKRE	
		8. ACHAL RAJU KUMBHALKAR	
B.Sc. VI Sem	Bioremediation of waste water using phytoplankton and their separation	1. BHARTI CHOTELAL PATLE	Nearby Places (lakes) in Andhalgaon
		2. BHARTI KHANDEO BURADE	
		3. DIPALI HEMRAJ KADAO	
		4. MEGHA S. GAJBHIYE	
		5. MRUNALI S. GAJBHIYE	
		6. NAMRATA A. DONGARE	
		7. OSHIN BHAGWAT GAJBHIYE	
		8. SAKSHI UTTAM UMARE	
B.Sc. VI Sem	Study of Agricultural Solid Wastes: Causes, Effects, and Effective Management	1. SEEMONA KIRAN GOURÉ	Nearby Places in Andhalgaon
		2. SHILPA DEVCHAND BUDHE	
		3. SHRADDHA RAJESH DAKRE	
		4. SNEHA PRANHANS MEHAR	
		5. TEJASWINI JAIDEV SHENDE	
		6. VAISHALI S. BHADADE	
		7. VANITA B. SAMBHALWAR	
		8. VARSHA PRAKASH BISNE	
B.Sc. VI Sem	Study of fundamentals of electricity: Visit to a power house	1. ADITYA RAJU JANGITWAR	Power House at Andhalgaon
		2. DURGESH SURESH PATLE	
		3. SANKET DILIP GURAV	
		4. SHIVANI HEMARAJ UIKEY	
		5. SWAPNALEE K. VAIDYA	
		6. VIKRAM ASHOK KATORE	
		7. Samket Dilip Gurav	
		8. Shamsundar Laxman Kosare	



A Field Work Report

Submitted to

Late Nirdhanrao Patil Waghaye Arts, Commerce & Science College Andhalgaon

Title of Field Work:

Study of Agricultural Solid Wastes in Andhalgaon :

Causes, Effects, and Effective Management

Submitted by

1. Seemona Kiran Goure
2. Shilpa Devchand Budhe
3. Shraddha Rajesh Dakre
4. Sneha Pranhans Mehar
5. Tejaswini Jaidev Shende
6. Vaishali S. Bhadade
7. Vanita B. Sambhalwar
8. Varsha Prakash Bisne
9. Virangana M. Gaupale



Dr. Sudhirkumar Munishwar

Field Work Guide

Academic Year: 2021-2022

Late Nirdhanrao Patil Waghaye Arts, Commerce & Science College Andhalgaon

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Date:-

Certificate

This is to certify that Shri/Ku/Smt Tejaswini Jaidev Shende of Late Nirdhanrao Patil Waghaye Arts, Commerce & Science College Andhalgaon has satisfactorily completed field work on *Study of Agricultural Solid Wastes in Andhalgaon : Causes, Effects, and Effective Management* during the study of B.Sc. VI Sem during academic session 2021-2022.



PRINCIPAL
Late N.P.W. College
Andhalgaon Dist.-Bhandara



Field work Guide

(Dr. S. R. Munishwar)

A field report on

Study of Agricultural Solid Wastes: Causes, Effects, and Effective Management

Introduction:

Increasing growth in human population has necessitated increased agricultural production. Agricultural production in the last five decades has been said to increase more than three times. Other factors responsible for increased agricultural production include technological advancement toward green revolution and expansion of soil for agricultural production. We cannot do without agriculture because food is a necessity across the globe, but the impact of agriculture on the environment is also evident. The negative influence of agriculture on the environment, aquatic lives and human health have necessitated improvement in agricultural production, involving effective and efficient ways of handling agricultural solid wastes. Our group along with teaching staff were visited to farmers of nearby villages at their farms from 15/01/2022.

Objective: To understand source of agriculture waste, pollution arise from it and necessary actions to avoid this pollution.

Data collection: Data is collected from farmers by interviewing them personally and after observation from the farm visit. It is observed that:

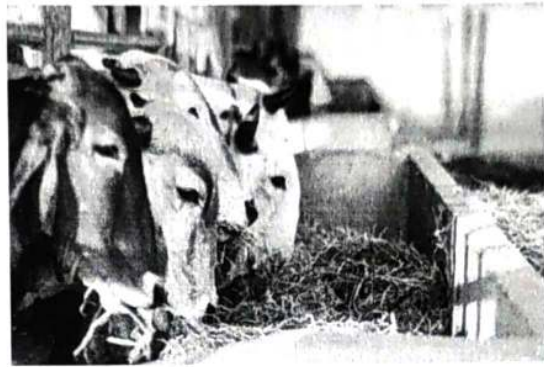
1. Farmers are facing problem about agricultural waste i.e. excessive haystack, paddy straw and dry grass.
2. Farmers dispose this agriculture by throwing it or burning.
3. Burning of agriculture waste responsible for air pollution.
4. This issue must be solved to solve environmental crises.

Data analysis: The paddy straw residue after collection of grains from crops creates problem storage management and its disposal. Straw burning is the main issue which is responsible for air pollution that must be handled.



Conclusion:

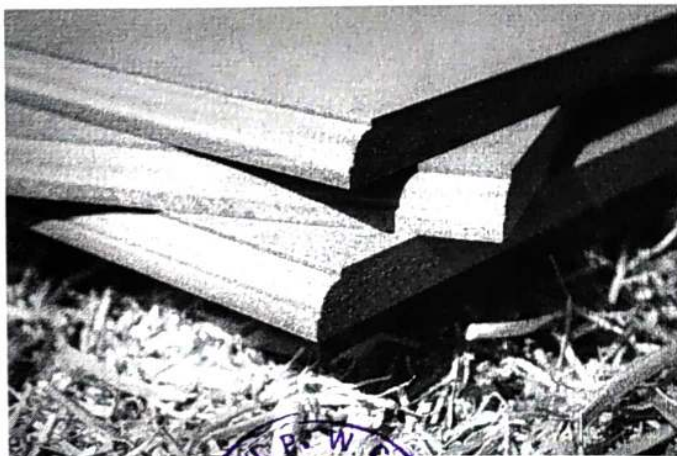
1. The paddy straw is used to feed the cattle.

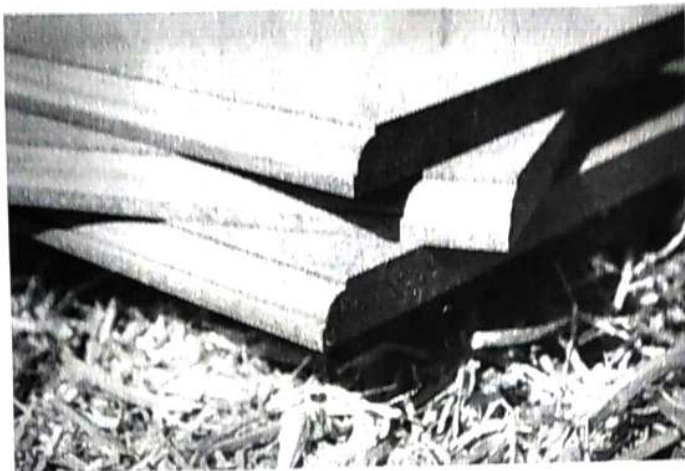


2. The paddy straw is used to prepare fertilizers which improve the quality of farming land.

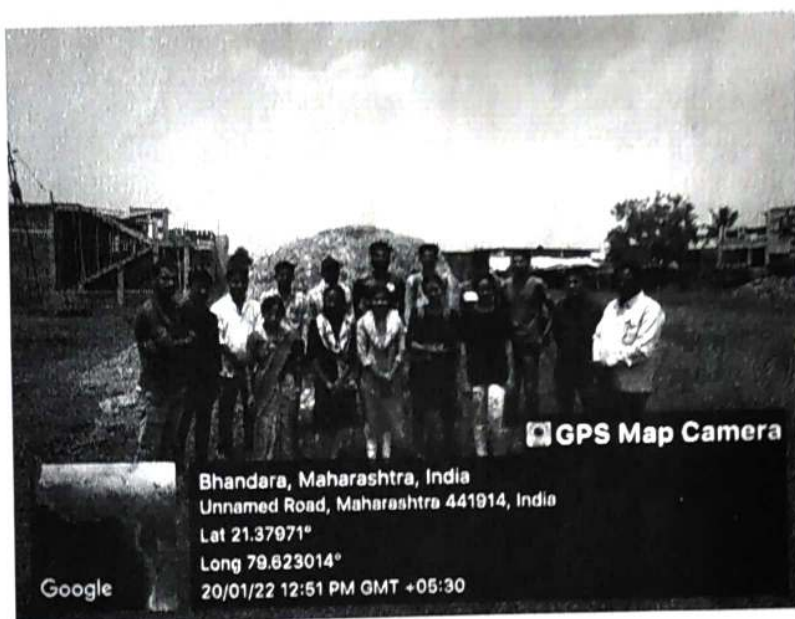


3. Paddy straw can be used as raw material for industry which helps in managing agriculture waste.





4. Running awareness program for farmers which leads to avoid agro waste pollution.



Report: We have visited to various fields and houses of farmers at Andhalgaon and analyzed the issues in agriculture waste and pollution arising from it. It is observed that the air quality of urban cities like Delhi is reduced due burning of paddy straw. Nowadays, air pollution is the lethal issue which needs to be solved with best remedial plan. There is need of increase animal husbandry which control problem of excess cattle fodder which results increase in milk production and reduction air pollution.



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Date:-

Overall College Field Work Report: Academic Year 2021-2022

In academic year 2021-2022 college allotted different topics and guides for field work to the group of Semester VI students. They have completed the Field Work in 9 different areas. Field work activity is assigned to the group of students. After completion they submitted their report to the college. The field work is not part of examination and syllabus but college introduced this activity from last three years. This activity gives students practical exposure and ultimately helped them for betterment of course.

In the academic year 2021-2022 students underwent field work in following areas:

1. "Study of Agricultural Solid Wastes: Causes, Effects, and Effective Management" :

Allotted group of 9 students visited farmers in nearby villages, and marked their problems to resolve them.

2. "Designing of Simple water Filter" :

This field work activity was allotted to group of 8 students. During this course students started thinking over simple solutions to the complex problems. Students in this groups created homemade instrument to purify water which offer solution to remote places where water purification facility cannot be made available easily.

3. "A study of plastic pollution: effects and awareness measures" :

9 Students worked in this group for this activity. They conducts cleanness campaign and encourages the "Swachha Bharat Abhiyan". Students in this groups collected plastic garbage in approach path and conduct public awareness campaign to nurture environment health.

4. "Study of fundamentals of electricity: Visit to a power house" :

Group of 8 Students participated and visited to distribution department of **Mahavitaran** at Andhalgaon to notice the fundamental operations. Students understood fundamentals of electricity and adopt energy saving tips from the technical experts. This field work develops energy saving attitude among the students which will be helpful in their life.



5. **“Bioremediation of waste water using phytoplankton and their separation” :**

Group of 8 Students participated in this field work. They got opportunity to understand importance Bioremediation.

6. **“A study of milk samples to detect urea and sugar”:**

This topic was allotted to 8 students. They visited milk centers and farmers to gain the knowledge.

7. **“A study of Tree Cutting in Mahadi Taluka”:**

In this field work 8 students have collected data which helps to produce environmental audit in indirect way. In this study, students understand the environmental losses occur by deforestation and encourage people for plantation by conducting tree plantation programs.

8. **“A study of Tusser Silk (KOSA) Industry in Andhalgaon” :**

Group of 6 Students visited to **“Vijay Industries”** to observe KOSA production, KOSA extraction from cocoon, silk spinning, weaving silk cloth etc. They understand the history, work culture and economics behind the silk cotton.

9. **“A study of problems of workers of Tusser Silk (KOSA) Industry in Andhalgaon” :**

Group of 5 Students visited to **“Vijay Industries”** to understand the business economics. Students understand investment, expenditure, profit and losses in the business and effect of these factors on workers in this industry.



In-charge

Field Work Committee





Photo- Field Visit to the POWER HOUSE to understand the distribution and work of Electricity



Photo- Field Visit to the Agricultural land to understand the Agricultural Solid waste



Photo- Field Visit to the KOSA Center to understand the problem of KOSA Worker



Photo- Field Visit to the Mills at Andhalgaon



Photo- Field Visit to collect the plastics at nearby places.



Photo- Field Visit to collect the plastics and understand the plastic pollution.



Photo- Field Visit to study the KOSA Center Industry at Andhalgaon.