

Department of Electronics and Telecommunication
Report on Industrial Visit to Dr Balasaheb Sawant kokan
Krishi Vidyapeeth, Dapoli

Date- 04/04/2024

The department of E&TC has successfully visited a Industrial Visit to Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, Dapoli.

The following are the details of the same.

Date: 04/04/2024

Time: -10:00 AM

Total No of students attended the industrial visit - 35 (B.E,T.E and S.E EXTC)

Name of the staff Co-coordinators:- S. N. Pandharkame and T.L. Iltapawar

The industrial visit to Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, Dapoli, was organized to provide students with practical insights into agricultural research, innovation, and education. Held on [04/04/24], the visit aimed to supplement theoretical knowledge with hands-on experience and expose participants to cutting-edge agricultural practices. Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, located in the picturesque town of Dapoli in Maharashtra, is a renowned agricultural university dedicated to the development of agriculture and allied sciences in the Konkan region.



Department of Electronics and Telecommunication PULSE activities 2023-24 even Sem

Attendance sheet for industrial visit to Dr. Balasubrahmanyan
Kakam Kavi Vidyalaya, Dapoli.

DATE: 04-01-2024

SR. NO.	NAME OF STUDENTS	Sign
1	Siddhi Sachin Patil	
2	Giri's Santosh Kungthar	
3	Gauri Santosh Kungthar	
4	Vanajita Sunil Kadam	
5	Pratikha Nagesh Chavan	
6	Mammya Santosh Bhosale	
7	Riya Vikas Udes	
8	Vaibhava Vijay Gornale	
9	Ninad Nitin Talabkar	
10	Saunabh Sushil Navrat	
11	Yash Vaibhav Ghag	
12	Rutik Dhandu mali	
13	Vaishali Bharat Shirke	
14	Jadhavi Sadis Chle	
15	Pooja Subhas mabai	
16	Keshav Prabh	
17	Piyush Dhulke	
18	Pragya Dinesh Kumar	
19	Sakshi Chle	
20	Sahil Lambe	
21	Muskan Bandarkar	
22	Aditya Sind	
23	Prashant Tanagam	
24	Suryail Anant Chapekar	
25	Sanika Dhyanjay Nambal	
26	Yash Santosh Ghag	
27	Gauri Jitendra Verunekar	
28	Kavita Prinde	
29	Banshi Phelar	
30	Omkar Chaitankant Patil	

Pratikha Nagesh Chavan

Pratikha Nagesh Chavan

11/1/2024

Attendance sheet for industrial visit to Dr. Balasubrahmanyan
Kakam Kavi Vidyalaya, Dapoli.

DATE: 04/01/24

SR. NO.	NAME OF STUDENTS	Sign
1	Pratikha Nagesh Chavan	
2	Gratul Kiran Prabhakar	
3	Vatun Santosh Mane	
4	Ankit Rajunath Patil	
5	Meet Atul Shaha	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Pratikha Nagesh Chavan

Pratikha Nagesh Chavan

11/1/2024

Department of Electronics and Telecommunication PULSE activities 2023-24 even Sem

Some snaps of the same are shown below.



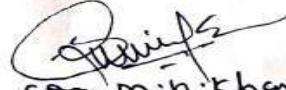
Certificate of the same is shown below.

DATE: 04/04/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that a student's of Gharda Institute of Technology, Lavel from Electronics and Telecommunication Engineering, has visited Dr. Balasaheb Sawant Kokan Krushi Vidyapeeth, Dapoli on 04th April 2024.

Total number of students: 35


Dr. Balasaheb Sawant
Technical Officer to VICE CHANCELLOR
Dr. Balasaheb Sawant Kokan Krushi
Vidyapeeth Dapoli, Dist. Ratnagiri, 415712.

Mr. S. N. Pandharkame & T. L. Iltapawar
IV Coordinator

Dr. S. R. Khedekar
H.O.D., EXTC

GHARDA FOUNDATION'S

GHARDA INSTITUTE OF TECHNOLOGY

Department of Electronics and Telecommunication.

Report on 'Industrial Visit'

Date-22/02/2024

The department of E&TC has successfully conducted an 'Industrial visit' .
The following are the details of the same.

Date: 22/02/2024

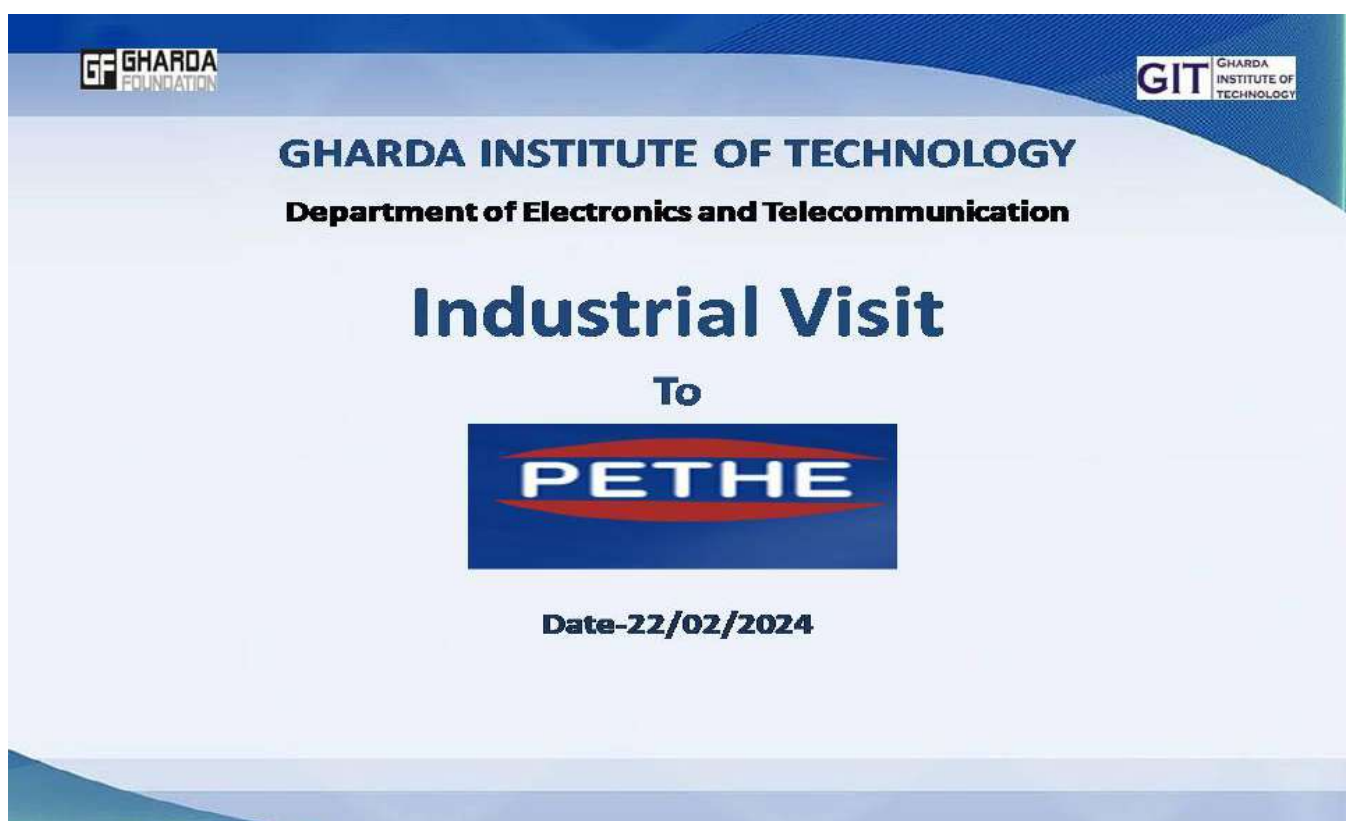
Time: 11:00 AM

Venue:- Pethe Brake Motors Pvt. Ltd. (Guhagar)

Total No of students attended the webinar - 18 (SE EXTC)

Name of the staff Co-ordinator :- Prof. S. N. Pandharkame

The Industrial visit at **Pethe Brake Motors Pvt. Ltd. (Guhagar)** was highly engaging and intellectually stimulating event that took place on 22 Feb organized by EXTC Department. This Industrial visit aim to gain the practical insights into the operations and process of esteemed company and to better understand the manufacturing your esteemed company and to better understand the manufacturing and productions of cables.



GHARDA INSTITUTE OF TECHNOLOGY
Department of Electronics and Telecommunication

Industrial Visit
To

PETHE

Date-22/02/2024

Process of Brake Motors :-

The process of making brake motors involves several steps:

- 1. Design and Engineering:** This phase involves designing the motor to meet specific requirements such as power output, torque, speed, and brake specifications.
- 2. Component Manufacturing:** Components like rotor, stator, brake assembly, bearings, shafts, and housing are manufactured using various techniques such as casting, machining, forging, and stamping.
- 3. Assembly:** Workers assemble the components according to the motor design. This includes fitting the rotor, stator, bearings, brake assembly, shafts, and other parts together.
- 4. Winding:** Electric coils are wound onto the stator to create the electromagnetic field necessary for motor operation.
- 5. Brake Installation:** The brake mechanism is installed, typically consisting of an electromagnetic brake that engages when the power is cut off to hold the motor shaft in place.
- 6. Testing:** Each motor undergoes rigorous testing to ensure it meets performance, efficiency, and safety standards. This includes functional testing of the motor and brake system under various conditions.
- 7. Quality Control:** Inspections are conducted throughout the manufacturing process to maintain quality standards and identify any defects or issues.
- 8. Packaging and Shipping:** Once the motor passes all tests and inspections, it is packaged securely and shipped to customers or distribution centers.

Throughout these steps, adherence to industry standards and regulations is crucial to ensure the safety and reliability of the brake motors.

Some photos of same are shown below,





The industrial visit to Pethe Brake Motors was an enlightening experience, providing valuable insights into the cable manufacturing industry. We all were impressed by the company's commitment to quality, safety, and environmental responsibility.

GHARDA FOUNDATION'S

GHARDA INSTITUTE OF TECHNOLOGY

Department of Electronics and Telecommunication.

Report on 'Industrial Visit'

Date-18/10/2023

The department of E&TC has successfully conducted an 'Industrial visit'. The following are the details of the same.

Date:

17/10/2023 Time: -

11:00 AM

Venue:-Associated cables pvt.ltd.(Kherdi)

Total No of students attended the webinar -33 (BE and TE EXTC) Name of the staff Co-coordinators:- Prof. S. N. Pandharkame , prof.V.S.Kolge

The Industrial visit at Associated cables pvt. ltd. in Kherdi (Chiplun) was highly engaging and intellectually stimulating event that took place on 17 Oct organized by EXTC Department. This Industrial visit aimed to gain the practical insights into the operations and processes of your esteemed company and to better understand the manufacturing and productions of cables.

Process of making cables:-**1)** Firstly the raw material (copper) was taken to make them thin by reducing the diameter of the wire.**2)**Then this thin copper wire was pass through several machines to cut it into 7 thin wires of copper.**3)**This 7 thin wires are brought together to form a thick wire because it will be good for insulation(conductivity).**4)**Then insulation process take place the copper wire will be coated with XLPE(type of material for coating).**5)**Cabling process in which multiple insulated strands are twisted to form a cables core.**6)** Jacketing process in this process a jacket or coat is added to the cable.**7)**Shielding process in which the aluminium foil is coated for to protect against electromagnetic interference.**8)**Testing process this is the process in testing of wire is done for high resistivity and at last the tested wire is packed into the wooden case and delivered to the customer.

Some photos of same are shown below,



The industrial visit to Associated Cables was an enlightening experience, providing valuable insights in to the cable manufacturing industry. We all were impressed by the company's commitment to quality, safety, and environmental responsibility.

Prof.S.N.Pandharkame
Pulse StaffCoordinator
(EXTC Department)

Prof.V.S.Kolge
(EXTC
Department)

**GHARDA FOUNDATION'S
GHARDA INSTITUTE OF TECHNOLOGY
Department of Electronics and Telecommunication.**

INDUSTRIAL VISIT REPORT

A complete report on industrial visit organized by Gharda Foundation's Gharda Institute of Technology Level college of Engineering, for the students of Electronics and Telecommunication Engineering [6th SEM] in order to get the practical knowledge about "advanced technology used in manufacture of needle files" carried out by Sharda Maa Engineering, MIDC Gane Khadpoli, Chiplun.



DETAILS OF JOURNEY :-

Gharda Foundation Gharda Institute of Technology Level college of Engineering had organized an industrial visit on 18 April 2023 to Sharda Maa Engineering, MIDC Gane Khadpoli, located in Chiplun for the students of Electronics and Telecommunication Engineering.

The visit was organized by department level pulse committee head of Electronics and Telecommunication engineering branch prof. S. N. Pandharkame.

We started travelling from the college campus at 10:30 am via our college bus. Total 22 students along with one faculty coordinators were there in the journey.



GROUP OBSERVATION :-

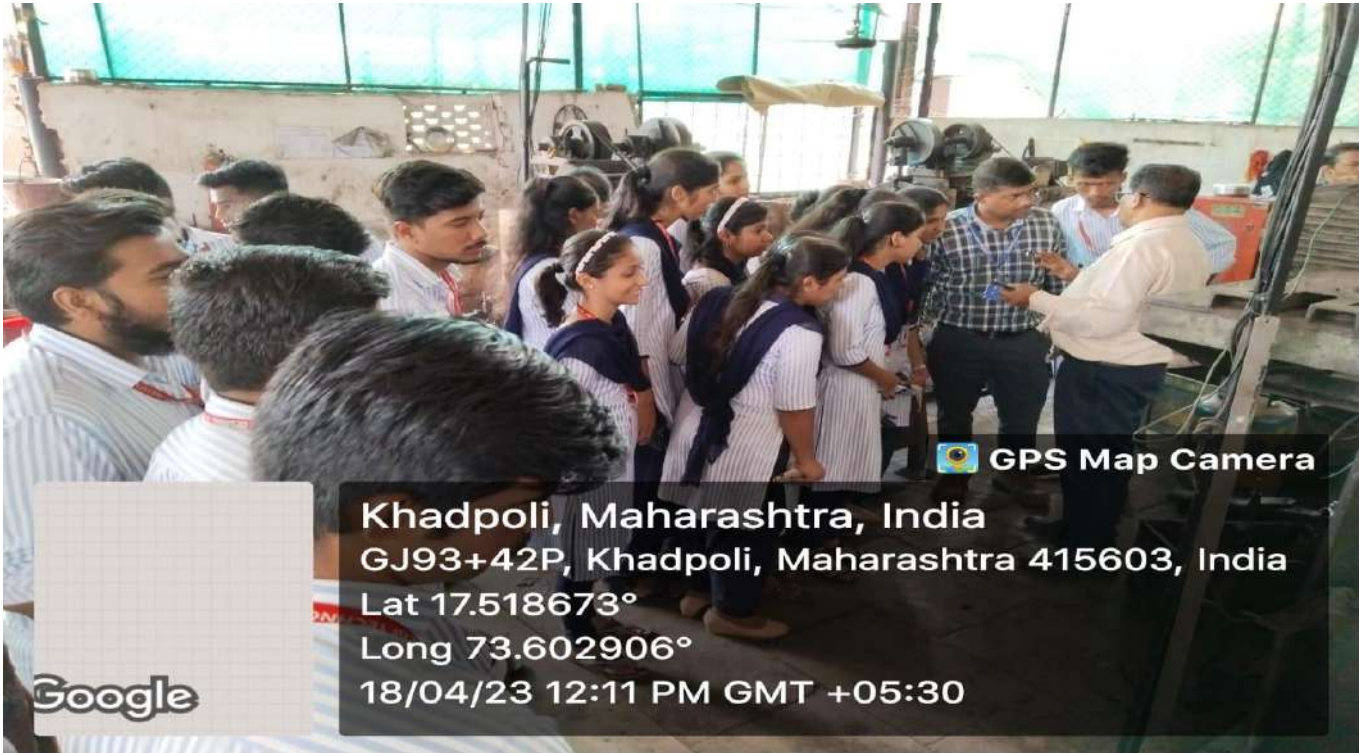
- This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding education & specializing our technical skills.
- Got practical knowledge about the advancement in technology of machines.
- Information on different Machines use in company and how they work.
- Gets knowledge about Auto 4G machine belonging to our branch which works on timer and clock
- Different types of machines available for needle files making.
- Get knowledge about various kinds of files and manufacturing process of needle files.
- Management of manpower and machines.



Power Hammer Machine



Auto 4G Machine



Attendance for industrial visit on 18/04/2023
Sharda maa Engineering MIDC, Khedpoli

Name	Sign
1) Anjali K More	
2) Vithala V. Rajeshkumar	
3) Saurabh S. Dahi	
4) Mulla Tahid Magsud	
5) Om maneshwar karge	
6) Tejas Prakash Ambae	
7) Abhinav Baliram Kolambare	
8) Tejas Hemantkumar Patte	
9) Milind . M. Ghavre	
10) Rahul . R. Banne	
11) Gautam . S. Chauthery	
12) Vanshita S. Karan	
13) Mansi M. Telange	
14) Rudali R. Joshi	
15) Girija S. Kanguddkar	
16) Prajatta N. Chavan	
17) Mrunmayi S. Bhosale	
18) Arun P. Gotal	
19) Gauri S. Kanguddkar	
20) Siddhi S. Patil	
21) Sanika Berrambadkar	
22) Omkar More	


total = 22 students

DATE: 18/04/2023

To WHOM So Ever It May Concern

This is to certify that students of Gharda Institute of Technology, Lavel from Electronics and Telecommunication Engineering, has visited Shardamaa Engineering, Kherdi, MIDC, Chiplun on 18th April 2023.

Total number of students: 22


SHARDA MAA ENGINEERING
 C - 28 MIDC Gane Khedpoli
 Chipun, Ratnagiri

Mr. S. N. Pandharkame
Industrial visit coordinator

Dr. A. K. Mangore
HOD, EXTC