

**Department of Mechanical Engineering**

**List of Industrial Visits**

Academic Year	Class	Details of Organization Visited	Date	Ref. File No. of Institute level Criteria file (Original Report)
2018-19	SE	Sahyadri Farmers Producer company limited, Dist Nashik.	9/6/2018	Industrial Visit Reports File of Mechanical Engineering Department [3.5.1 & 3.2.1]
2018-19	SE	Yogesh Industries, Bhagwati Casters, Shree Sai Industries	9/18/2018	
2018-19	TE	NASHIK ENGINEERING CLUSTER, NASHIK	10,12/9/2018	
2018-19	BE	Kanchan Motors	9/7/2018	
2018-19	BE	Apras Polymers & Engineering Co. Pvt Ltd.	9/14/2018	
2018-19	BE	SAMSONITE SOUTH ASIA PVT. LTD.	9/25/2018	
2019-20	SE	Thermal Power Station Eaklahare	28/9/2019	
2019-20	TE	NASHIK ENGINEERING CLUSTER, NASHIK	10/14/2019	
2019-20	TE	Somavat Systems Pvt. Ltd, Nashik	9/10/2019	
2019-20	TE	Pumping Station Water Treatment plant, Nashik	7/10/2019	
2019-20	BE	Narang Cold Storage	10/14/2019	
2019-20	BE	Apras Polymers & Engineering Co. Pvt Ltd.	3/10/2019	
2019-20	BE	Bhawin Wheels Pvt. Ltd.	26/11/2019	
2019-20	BE	Om Sai Tyres	30/9/2019	
2020-21	SE	NIL	NIL	
2020-21	TE	NIL	NIL	
2020-21	BE	NIL	NIL	
2021-22	SE	Kadwa Sahakari S.K.Ltd., Materewadi, Dist Nashik.	26/4/2022	
2021-22	TE	NIL	NIL	
2021-22	BE	Kadwa Sahakari S.K.Ltd., Materewadi, Dist Nashik.	26/4/2022	

**Department of Mechanical Engineering**

**List of Industrial Visits**

Academic Year	Class	Details of Organization Visited	Date	Ref. File No. of Institute level Criteria file (Original Report)
2022-23	SE	Apras Polymers & Engineering Co. Pvt Ltd.	20/04/2023	Industrial Visit Reports File of Mechanical Engineering Department
2022-23	SE	Kadwa Sahakari S.K.Ltd.,Materewadi,Dist Nashik.	12/12/2022	
2022-23	SE	Shan Cars private limited, satpur, Nashik	20/05/2023	
2022-23	SE	Ambar Auto Engineers	25/05/2023	
2022-23	TE	NIL	NIL	
2022-23	BE	Kadwa Sahakari S.K.Ltd.,Materewadi,Dist Nashik.	4/3/2023	
2023-24	TE	Kadwa Sahakari S.K.Ltd.,Materewadi,Dist Nashik.	30/9/2023	
2023-24	BE	Nilgiri Baag Water Treatment Plant, Nashik.	26/9/2023	
2023-24	BE	Kadwa Sahakari S.K.Ltd.,Materewadi,Dist Nashik.	30/9/2023	



*Badgjar*

**Prof. (Dr.) T. Y. Badgjar**

**Head of Mechanical Engineering Department**

## **TITLE: INDUSTRIAL VISIT**

**Aim: Industrial visit to conduct Trial on Steam Power Plant along with Co-generation Power plant.**

### **A Report on Industrial Visit**

**Title/Aim** : Visit industry to gain practical knowledge trial on steam turbine along with cogeneration plant.

**Objectives of visit:** 1 Trail on steam power plant

2. To study overall plant layout and co generation plant utilization

**Overview of visit:**

**Subject: Energy Engineering**

**Class /Div. :** BE Divisions A

**No of students:** 19 **Date :** 04/03/2023

**Name & address of company:** Kadwa Sahakari Sakhar Karkhana Ltd. Materewadi, Rajaramnagar, Dindori (Nashik).

**Company Information :**

Kadwa Sugar factory was registered on 15th October 1970. In the year 1977-78, first crushing season was started. An overview of conditions before the establishment of Kadwa and after establishment of it, drastic changes shows in the area of Dindori tahsil. Various developments occur suddenly after the establishment of factory are as follows: - Development in Economic conditions: - Most of the farmers, who engaged in traditional farming and grows Wheat, Jowar, Bajra started to produce sugarcane. Produced Sugar Cane sold in the same area and due to security, economic development occurs. Economic development resulted into high standard of living.

Factory Name: The Kadwa Sahakari Sakhar Karkhana Ltd., Dindori, Maharashtra

Operational Status: Working

Plant Name: Materewadi

Code: 12001

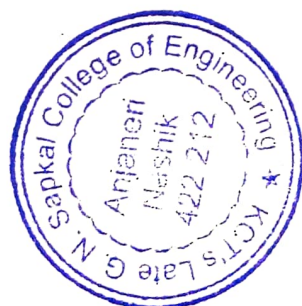
Factory Nature: Co-Operative

Nearest Railway Station: Niphad 24 Km

Nearest Airport: N.A.

Nearest Hotels: Pimpalgaon, 12Km.

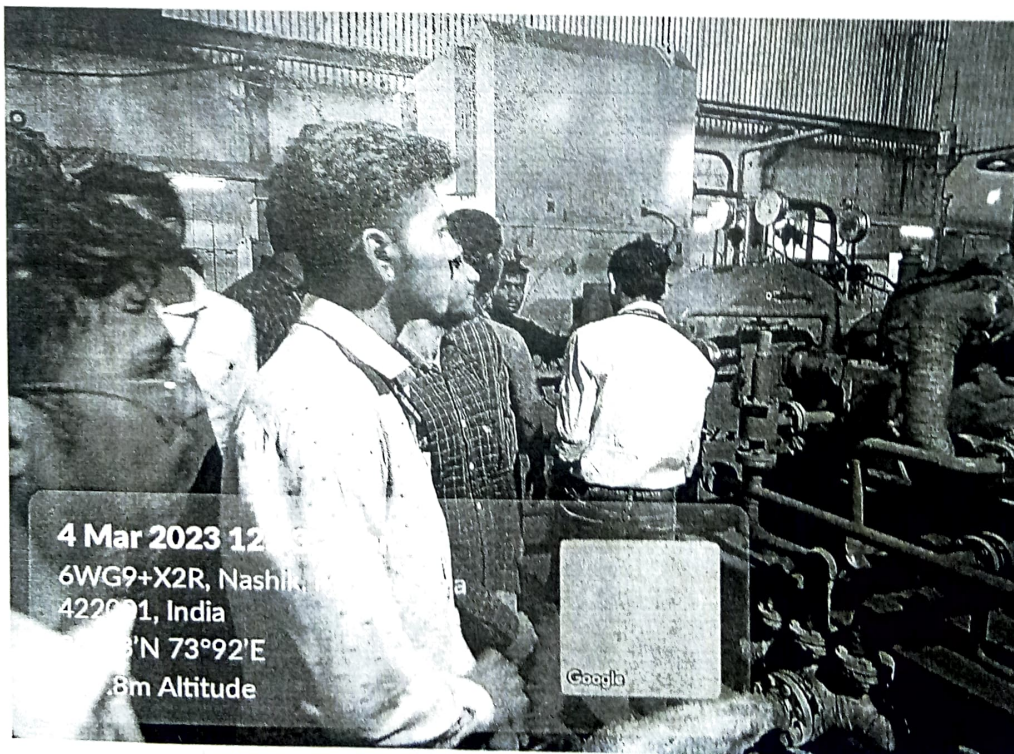
Holiday: Sunday

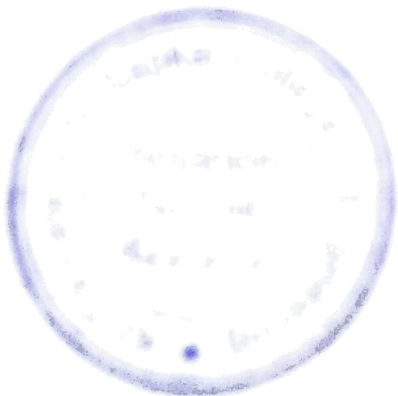
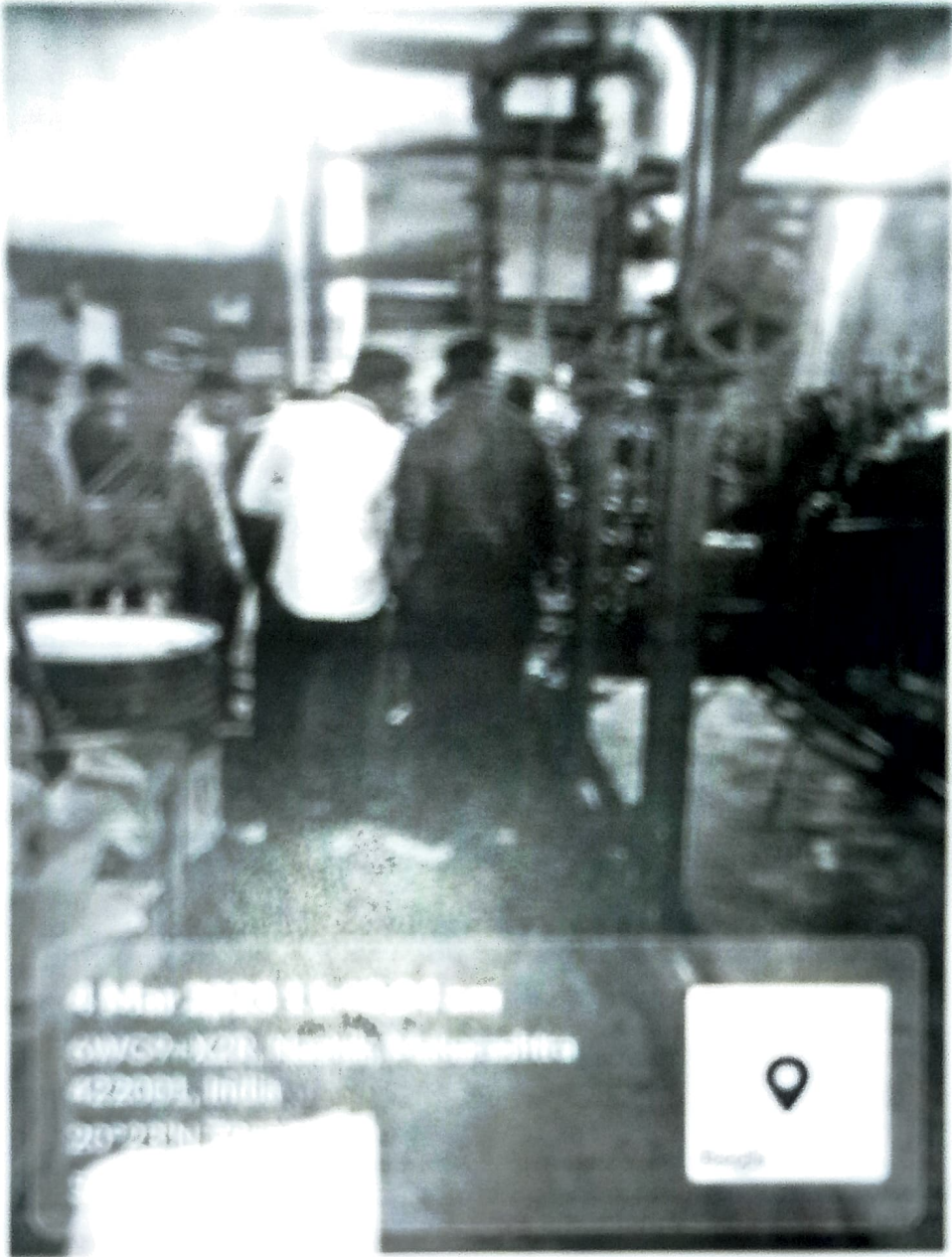


### Points studied in details:

Final year students of Mechanical Engineering are studying a course on Energy Engineering. The course is framed to enable graduating students to take up the challenges in power engineering such as design equipment, processes and whole system. In this endeavour, a visit to study thermal power plant with co generation unit was planned as per curriculum. Kadwa sugar mill plant visited has been installed by Walchand Industries, Sangli and periodically upgraded with technological advancements. It was shut down for maintenance work after closure of their crushing season of this year. This also helped to show the interior parts of some leading equipment such as furnaces, boiler tubes, co generation system etc. It comprises two water tube boiler units operating at 21 bar with yield of 20 ton of steam generation per hour. Each boiler is supported by two furnaces which consume bagasse which is a refused material after crushing sugarcane. Furnaces are provided with hot air passing over preheaters creating forced draft. The steam generated being wet is superheated while passing through superheaters tubes. Then superheated steam expands across single turbine unit to 6 bar. The exhausted steam is supplied for sugarcane juice concentration as a part of process heating. Also, it is used in crystallizers. Also, as a measure of efficiency improvement, economisers are installed in the flow path of flue gases leaving the furnaces. All the students were given illustrations regarding testing and operating protocols. Students observed and recorded technical details shown by operators of respective sections

### Photos:







**Conclusions:**

1. Students understood location wise installation of equipment and overall plant layout
2. Prior testing, operating protocols were appreciated

**Signatures of faculty coordinators:**

Prof. P. D. Jadhav: 

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

# Conduction Certificate

This is to certify that the 02 faculty member and 71 Students of Late G. N. Sapkal College of Engineering have visited our industry on 04th March 2023, (Saturday). The purpose of visit is Trial on Steam Power Plant along with visit to Co-generation Power plant.

This visit is planned as per academic curriculum of the subject Energy Engineering. Students learn the working and exposure of industrial Boiler along with trail reading on power plant also visit to cogeneration plant, which is explained by our expert during the visit. The behavior of students was good during visit.



Kadwa Sahakari Sakhar Karkhana Ltd.  
Materewadi, Tal:Dindori, Maharashtra, 422202



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

Date: 04/03/2023

Sr. No.	Name Of Student	Signature
1	Nurvan Anagash Dandekar	
2	Mansale Karles Kamalakar	
3	Nikhil Shivaji Patil	
4	Nikhil Vishal Patil	
5	Shivam Sanjay Patil	
6	Bhavin D. Patil	
7	Sanjay Patil	
8	Shubham Patil	
9	Sudhakar Chakor	
10	Nikhil Gadhave	
11	Omkar Patil	
12	Arjun Patil	
13	Rohit Sonawane	
14	Vijay Patil	
15	Shahid Jaber	
16	Saqib Patel	
17	Tafkeem Patil	
18	Shreyash Patil	
19	Thakare Kishor	
20	VIGNIJAY. D. PATIL	
21		
22		

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





Date: 20-04-2023

To,  
The Principal,  
Late G. N. Sapkal College of Engineering, Nashik.


**Subject:** Regarding Permission of visit for Mechanical Engineering students.

Dear Sir,

As per your letter, Ref. No. KCT/GNSCOEMECH//2022-23/570 ; Dated: 11<sup>th</sup> April 2023, we would like to inform you that your Mechanical Engineering students visit to our **Apras Polymers & Engineering Co. Private Limited** to gain the practical knowledge of Manufacturing and Fluid Power & Control will be permitted on 20<sup>th</sup> April 2023.



Yours Truly,

  
Apras Polymers &  
Engineering Co. Private  
Limited, M-90, MIDC,  
Ambad, Nashik.

**APRAS POLYMERS & ENGINEERING**  
**COMPANY PRIVATE LIMITED**  
M-90, M.I.D.C., Ambad,  
Nashik-422 010.

  
Prof.(Dr.) Sahebrao B. Bagal  
Principal

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



Kalyani Charitable Trust's

## LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trombakashwar Road, Nashik - 422 213 (India)  
Tel: +91 - 2594 - 220168/69/70 Fax: +91 - 2294 - 220174  
E-mail: gns\_engineering@sapkalknowledgehub.org | www.sapkalknowledgehub.org



Prof.(Dr.) Sahebrao B. Bagal  
M.E. (Electronics), Ph.D. (E & TC)  
PRINCIPAL

Affiliated to Savitribai Phule Pune University (U. No. PU/NA/Engg./152/2009 Ref. No. -CA/5501 Dated-1/11/2009)  
Approved By A.I.C.T.E. New Delhi (F.N. 06/07/MS-Engg/2008/0-17 Dated- 11<sup>th</sup> June 2009)  
Govt. of Maharashtra (No. GEC-2009/167/09/TE-4 Dated- 16<sup>th</sup> June 2009)  
D.T.E. M.S. Mumbai (No. 2/NGC/Engg./Approval/2009/535 Dated- 23<sup>rd</sup> July 2009)

Date: 11-Apr-23

Ref. No. KCT/AGNSCOE/MECH/2022-23: 570

To,  
**Mr. Prakash Dhanokar,**  
Director,  
Apras Polymers & Engineering Co Private Limited, M - 90,  
MIDC Ambad, Nashik, Maharashtra 422010.

**Subject:** Academic Industrial Visit, Second and Third Year Students of Mechanical Engineering.

Dear Sir/Madam,

We would like to introduce ourself as one of the emerging Institute in Nashik District. We are affiliated to Savitribai Phule Pune University and cater for five Bachelor's degrees in Engineering, viz. Bachelor in Civil Engineering, Computer Engineering, Electronics & Telecommunications, Electrical Engineering and Mechanical Engineering.

As a part of syllabus, the students of **Second & Third Year Mechanical Engineering** are required to visit Industry. We would really appreciate if you could permit our students to visit your Company and gain practical insights of the unit and its related parameters.

The students are 150 in number and will be accompanied 2 faculty members to maintain discipline and safety. We need permission for one day so that 150 students along with 02 faculty members can visit on the day. Kindly allot the dates of visit in between **20<sup>th</sup> April, 2023 to 21<sup>st</sup> April, 2023** as per your convenience. We do humble request you to consider our proposal and sanction permission to our students to visit your prestigious Company.

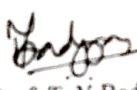
**Details of Visit Coordinator are as follows:**


Name: Prof. J. R. Mahajan Mob. No. 8830035367  
Prof. M. V. Jadhav

E-mail ID: jitendra.mahajan@sapkalknowledgehub.org

Thanking you

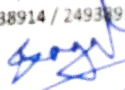
Yours truly,

  
Prof. T. Y. Badgujar  
Head of Department  
Mechanical Engineering

  
Prof. Dr. S. B. Bagal  
Principal

**CORPORATE OFFICE:** Sapkal Knowledge Hub, "Parag" 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai - Agra Highway, Nashik - 422 009. Ph.: +91 - 253 - 2392450 / 51, Fax: +91 - 253 - 2375557 Website: www.sapkalknowledgehub.org

**MUMBAI OFFICE:** Sapkal knowledge Hub, Unit No. 22, 1st Floor, Shubhada Tower Shopping Center, Sir Pochkanwala Road, Near R.T.O. Office, Worli, Mumbai-400 030. Tel.: +91-22 - 24938914 / 24938915, Fax: +91 - 22 - 24938919.

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



Date: 19 April 2023

To,

The Principal,  
Late G. N. Sapkal,  
College of Engineering, Anjaneri,  
Nasik

Subject: Permission to go for industrial visit of second and third year Mechanical Engineering students.

Respected Sir,

With reference to above subject we have planned industrial visit for the subject 'Kinematics of Machinery' & 'Fluid Power control Lab.' in APRAS Polymer Engineering Pvt. Ltd., Ambad, Nashik, they have given permission to visit in their organization for 1 days with a 150 number of student.

Date	Time	Div.	Name of Staff
20/04/2023	10.30 am to 4.00 pm	TE A	Prof. J. R. Mahajan Prof. M. V. Jadhav
		TE B	
		SE A	


Kindly permit us to go for visit as per above mention schedule.

Thanking You,

*Permitted with all required formalities*

  
Yours Faithfully,

(Prof. J. R. Mahajan)  
Visit Coordinator

  
19/04/2023

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



Department of Mechanical Engineering  
Industrial Visit Report

Academic Year : 2022-23	Date: 20/04/2023	Semester: IV
Class : SE	Div. : A	Subject : Kinematics of Machinery

**Title:** Industrial Visit to APRAS Polymer and Engineering Pvt. Ltd.

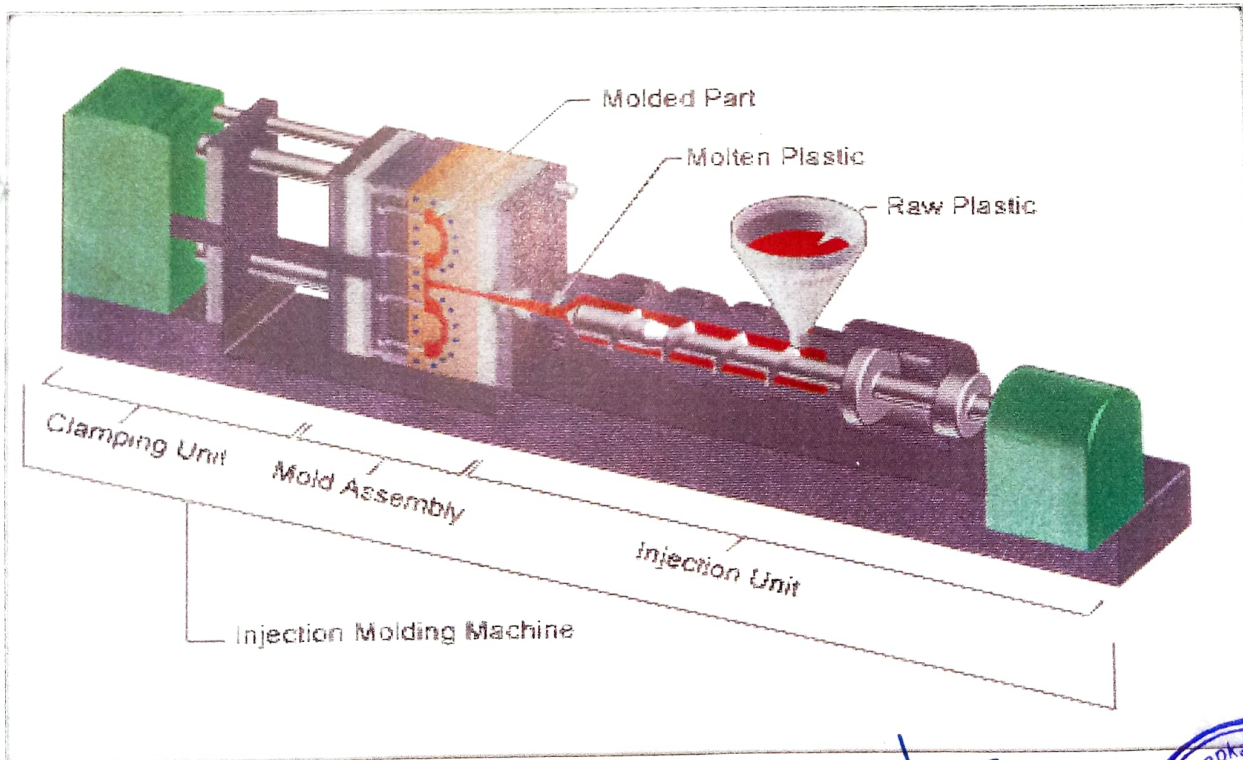
**Company Address:** M 90, MIDC Ambad, Nashik, Maharashtra.422010

**Company information:** Its well-known industry for manufacturing different products by using material like polymer and rubber material.

**Report:**

Injection molding machines can fasten the molds in either a horizontal or vertical position. The majority of machines are horizontally oriented, but vertical machines are used in some niche applications such as insert molding, allowing the machine to take advantage of gravity. Some vertical machines also don't require the mold to be fastened. There are many ways to fasten the tools to the platens, the most common being manual clamps (both halves are bolted to the platens); however hydraulic clamps (chucks are used to hold the tool in place) and magnetic clamps are also used. The magnetic and hydraulic clamps are used where fast tool changes are required.

**Vendors of industry:** Mahindra and Mahindra, VIP, Atlas Copco etc.



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





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# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

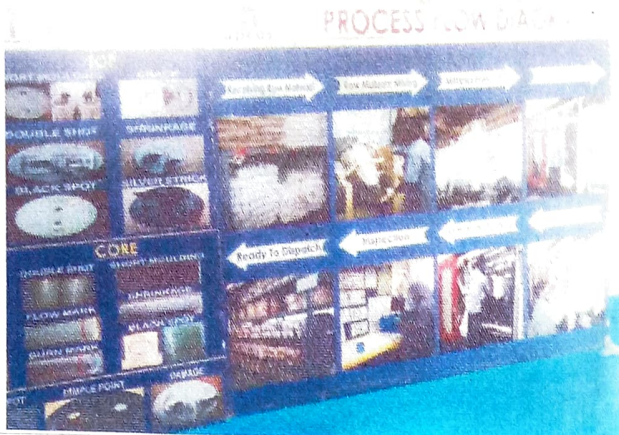
Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist. Nashik - 422 212 (India)

Tel: +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174

Website: www.sapkalknowledgehub.org, E-mail: gns\_engineering@sapkalknowledgehub.com



## Photographs



Prof. (Dr.) Sahabji S. B. Bagal  
Principal

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



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# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

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Website: www.sapkalknowledgehub.org E-mail: gns\_engineering@sapkalknowledgehub.com



**Students feedback:** Visit was too relevant to the topics we learned in theory. There were experts to explain operations of machines, manufacturing process & instruments. It has added to understanding of machines and mechanisms, automation in industry, etc.

**Conclusion:** From this visit it is concluded that all the machines, mechanisms and automation process observed by students which is a part of academic and it will help students to understand kinematics of machinery.

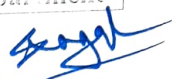
Prof. J. R. Mahajan

Prof. M. V. Jadhav

Industrial Visit Coordinator

Prof. T. Y. Badgujar

Head of Department

  
Prof. (Dr.) Sahebrao B. Bagal  
Principal

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




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

## Mechanical Engineering Department

Student Attendance for Industrial Visit to Apras Polymers & Engineering Co. Private Limited, M-90, MIDC, Ambad, Nashik, Dated - 20 April 2023.

### TE Mechanical

Sr. No.	Name of Student.	Roll No.	Signature
1	Aakash Bhandirge	14	Aakash
2	Roban Madhav Gawali	32	R.M.G
3	Omkar Saswade	32	Saswade
4	Bhareth J. Warkar	12	Bhar
5	Saurabh Khairnar	33	S
6	AKSHAY KADAM	41	Kadam
7	Deshmukh Girish	24	Girish
8	Dhiraj Ingale	38	D
9	Kale Arpita	01	A
10	Patil Nilesb	22	N. C. Patil
11	<del>Saswade Omkar</del>		
12	Mukesh R. Khare	46	Mukesh
13	Shubham V More	B08	Shubham
14	Dnyes Dilip Torde	B-42	D
15			
16			
17			
18			
19			
20			
21			

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



## Conduction Certificate

This is to certify that the 02 faculty member and 150 Students of Late G. N. Sapkal College of Engineering have visited our industry on 20<sup>th</sup> April 2023, (Thursday).

The purpose of visit is to learn working of Machinery and manufacturing, fluid power control & components on the injection molding machines.

This visit is planned as per academic curriculum of the subject Kinematics of Machinery and Fluid Power Control Lab. Students learn the working and exposure of industrial fluid power system, which is explained by our expert during the visit.


The behavior of students was good during visit.



(Apras Polymers & Engineering  
Co. Private Limited,

M-90, MIDC, Ambad, Nashik)

**APRAS POLYMERS & ENGINEERING  
COMPANY PRIVATE LIMITED**  
M-90, M.I.D.C., Ambad,  
Nashik-422 010.

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



**Date:** 24/05/2023

To,  
The Principal,  
Late G. N. Sapkal COE,  
Nasik.

**Subject:** Permission of visit for students of Second year Mechanical Engineering...

Dear Sir,

As per your letter of Ref. No. KCT/GNSCOE/MECH/2022-23/ 643 ; Dated: 24/05/2023, we would like to inform you that your second year Mechanical Students visit to our Company to gain the Practical knowledge Service Station is permitted on 25<sup>th</sup> May 2023.

Yours Truly,



The Manager

M/s, Pooja Industries,  
F-18/1, MIDC Ambad, Nashik,  
Maharashtra 422010



Kalyani Charitable Trust's

## LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: +91 - 2594 - 220168/69/70, Fax : +91 - 2294 - 220174.  
E-mail : gns\_engineering@sapkalknowledgehub.org | www.sapkalknowledgehub.org



Prof.(Dr.) Sahebrao B. Bagal  
M.E. (Electronics), Ph.D. (E & TC)  
PRINCIPAL

Affiliated to : Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated-1/11/2009)  
Approved By : A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11<sup>th</sup> June 2009)  
Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.-4, Dated - 15<sup>th</sup> June 2009.  
D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23<sup>rd</sup> July 2009)

Ref. No.: KCT/LGNSCOE/MECH/2022-23/ 643

Date: 24-May-23

To,  
The Manager,  
M/s, Pooja Industries,  
F-18/1, MIDC Ambad, Nashik, Maharashtra 422010

**Subject:** Academic Visit to Second Year Students of Mechanical Engineering to Pooja Industries, Nashik.

Dear Sir/Madam,

We would like to introduce our self as one of the emerging institute in Nashik District. We are affiliated to Savitribai Phule Pune University and cater for five Bachelor's degrees in Engineering, viz. Bachelor in Civil Engineering, Computer Engineering, Electronics & Telecommunications, Electrical Engineering and Mechanical Engineering.

As a part of syllabus, the students of **Second Year Mechanical Engineering** are required to visit Plastic Moulding Industry to gain the Practical knowledge on Plastic Moulding Processes. We would really appreciate if you could permit our students to visit your esteemed organization and gain practical insights of the unit and its related parameters.

The students are 49 in number and will be accompanied **2 faculty** members to maintain discipline and safety. We need permission for *One day* so that 49 students along with two faculty members can visit on day. Kindly allot the dates of visit in between **25<sup>th</sup> May, 2023 to 26<sup>th</sup> May, 2023** as per your convenience. We do humble request you to consider our proposal and sanction permission to our students to visit your prestigious project.

**Details of Visit Coordinator** is as follows:

Name: Prof. K. W. Kale (Mob. No: +91-9764138323)

E-mail ID: [kishor.kale@sapkalknowledgehub.org](mailto:kishor.kale@sapkalknowledgehub.org)

Thanking you

Yours truly,

Prof. (Dr.) T. Y. Badgujar  
HOD (Mechanical)



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

CORPORATE OFFICE : Sapkal Knowledge Hub, "Parag" 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai - Agra Highway, Nashik - 422 009. Ph.: +91- 253 - 2392450 / 51, Fax : +91 - 253 - 2375557, Website : [www.sapkalknowledgehub.org](http://www.sapkalknowledgehub.org)

MUMBAI OFFICE : Sapkal knowledge Hub, Unit No. 22, 1st Floor, Shubhada Tower Shopping Center, Sir Pochkanwala Road, Near R.T.O. Office, Worli, Mumbai-400 030. Tel.: +91-22 - 24938914 / 24938915, Fax : +91 - 22 - 24938919.

## **TITLE: INDUSTRIAL VISIT**

**Aim: Demonstration of plastic component manufacturing using Injection moulding**

### **A Report on Industrial Visit**

**Title/Aim** : Visit industry to study Plastic moulding and demonstration

**Objectives of visit:** 1. To study Plastic moulding Process and gain practical knowledge  
2. To demonstrate the practical process of Plastic moulding

#### **Overview of visit:**

**Subject: Machine Shop**

**Class /Div. :** SE Divisions A

**No of students:** 49 **Date :** 25/05/2023

**Name & address of company:** M/S Pooja Industries, Ambad Nashik

#### **Company Information :**

Pooja industries started in the year 2007 & it is ISO 9001:2008 Certified company. It is largely involved in design and manufacturing of metals, Pooja Industries is also an consulting firm for education and training to young students. company located in It is equipped with all type of facilities under one roof like Manufacturing of plastic components of control panels, CNC/VMC Machine equipped tool room and electrical contracting.

It is largely involved in design and manufacturing of metals prestools Jigs And Fixtures high quality and at low cost their clients industries action plant also manufacture high volume of standard component with an accuracy with timely delivery.

#### **Points studied in details:**

Plastic moulding is the most popular and widely used method of manufacturing moulding thermoplastic material in some respect the process is similar to die casting in that the plastic after being refused by heating is forced under press into a mould after the material has solidified the component is forced out with the help of injection ejection tool provided in the setup

Injection moulding is the most widely used method of producing parts of thermoplastic and more recently thermosetting resins as well the process resembles the hot chamber die casting of metals I split to allow removal of solidi 5 product escaped Shirt with an appropriate press force and



ejectors why did for removing molded component the difference between metals and plastics lies in supply of polymer usually feed into a solid form pellets or powder copper to injector screw the die and of which is surrounded with heaters that gradually brings the polymer to the required temperature there the material is softened.

The process starts with Pilots into the Hopper about the heating machine in Falls into and is boost along melted plastic is available at injection nozzle end.

injection moulding provides highest production rate of producing plastic parts at low cost required per part will vary with material and size of the mould but 300 to 400 forever can be manufactured with fully automatic equipment

### Conclusions:

1. Plastic moulding process have been studied
2. various stages in plastic moulding and its application are also studied by students

Signature of faculty coordinator:

Prof. K. W. Kale:



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

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

Industrial Visit at Pooja Industries, Ambad, Nashik



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

Machine Shop Visit at Ambar Auto Engineers, Jadhav Castings and Pooja Industries, Ambad MIDC, Nashik -10.


Date – 25/05/2023

Sr. No.	Name of Student	Signatures
1	GAIKWAD SANKET KAILAS	
2	GORE PRATIK ASHOK	
3	KAMBALE NIKHIL RAJENDRA	
4	RATHOD ATUL SAINATH	Rathod.
5	SHINDE JAYESH PRALHAD	Shinde.
6	SONAWANE SAHIL PRAKASH	Sonawane.
7	WAGH HEMRAJ VASANT	Wagh.
8	AHIRE KHUSHAL SANTOSH	Ahira.
9	AHIRE PARTH PARAG	Ahira.
10	ATTAR FARHAN RAFIK	Attar.
11	BARVE VEDIKA SUNIL	Barve.
12	BAVISKAR SHUBHAM JALINDAR	Baviskar.
13	BHAGWAT NIKHIL SANJAY	Bhagwat.
14	BHAMARE VAISHNAV BAPU	Bhamare.
15	BORADE SAURABH DASHRATH	Borade.
16	CHAUDHARI BHUSHAN DILIP	Chaudhri.
17	DESHMANE PRATIK DNYANESHWAR	Desmane.
18	GADE OMKAR JALINDAR	Gade.
19	GAIKWAD MANAS ANAND	Gaikwad.
20	GANGODE VAIBHAV KAILAS	Gangode.
21	GAVIT RAVIRAJ KARAMSINGH	Gavit.
22	GODGE SHUBHANGI RAVINDRA	Godge.
23	HIRE PRATIK VASANT	Hire.
24	IRNALE ASHISH SACHIN	Irnale.
25	JADHAV AAKASH BHAUSAHEB	Jadhav.
26	JADHAV MOHIT KHEMRAJ	Jadhav.
27	JEUGHALE OM PRAVIN	Jeughale.
28	KAPSE KALYANI MAHENDRA	Kapse.
29	KHAIRNAR DIPESH GAUTAM	Khairnar.
30	KHAN SARIK SHAMSHAD	Khan.
31	KUMAVAT ASHISH GORAKH	Kumavat.
32	MAINKAR PAURAS NILESH	Mainkar.
33	MOHITE AJIT DILIP	Mohite.
43	NAWALE ADITYA RAJENDRA	Nawale.
35	PADMAKAR HARI SHINKAR	Padmakar.
36	PAGAR CHETAN BHAUSAHEB	Pagar.
37	PAGARE HEMANT SOPAN	Pagare.
38	PAIKRAO VISHAL NAGESH	Paikrao.
39	PANGAVHANE DHANANJAY PANDITRAO	Pangavhane.
40	PATEL MOHAMMAD GAUS SAMEER	Patel.
41	PAWAR AVISHKAR NARAYAN	Pawar.

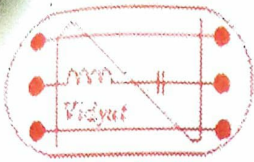


Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

42	SALUNKHE MANISH KISHOR	MKS
43	SHAIKH AFNAN ARSHAD	AFB
44	SHINGADE PRADIP BHAUSAHEB	PS
45	SOHAIL SALIM MANIYAR	SM
46	SONAWANE MAYUR ABAJI	MA
47	TAMBDE MAHESH SANJAY	MS
48	TORANE AKASH REVNNATH	AT
49	TUSHAR EKNATH UNDE	TE
50		

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





# Pooja Industries

- Electrical Engineers & Contractors
- CNC/VMC Machine Equiped Tool Room
- Control Panel Manufacturers

Address:- L-6, MIDC, Ambad, Nashik -422010  
Website:- [www.poojaindustriesnasik.com](http://www.poojaindustriesnasik.com)

Ph:(0253)6609605 Mob: 9822457495  
E-mail :-Poojaindustries.sm@gmail.com

## Conduction Certificate

This is to certify that the 02 faculty member and 49 Students of Late G. N. Sapkal College of Engineering have visited our industry on 25<sup>th</sup> May, 2023 (Thursday). The purpose of visit is to gain practical knowledge of Plastic Molding Processes and Industrial knowledge sharing.

This visit is planned as per academic curriculum of the subject Machine Shop. Students learn the working and exposure of process, which is explained by our expert during the visit. The behavior of students, was good during visit.



*Mahajan*  
25.05.2023

M/s, Pooja Industries,  
MIDC Ambad, Nashik,  
Maharashtra 422010