

## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding ("MoU") is made on 10<sup>th</sup> January, 2024.

Between

**Department of Mechanical Engineering,  
Late Gambhirrao Natuba Sapkal College of Engineering, (LGNSCOE),  
Anjaneri, Trimbakeshwar Road, Nashik.**

And

**M/s Jadhav Casting  
D/I, D-1/25, MIDC Ambad, Nashik,  
Maharashtra 422010.**

(LGNSCOE and Jadhav Casting are herein after individually referred to as "**Party**" and collectively referred to as "**Parties**")

### **Terms and Conditions:**

#### **1. Duration**

This MoU shall remain in effect from 10th January, 2024 and shall continue to remain valid indefinitely, unless terminated by either Party by giving thirty (30) days prior written notice.

#### **2. Purpose**

This MOU is for collaboration between the parties for mutual benefit where Jadhav Casting (Industry) to provide

- Industrial visit for faculties and students.
- Industrial training/workshop for students and staff.
- Experts for Guest lecturers as per the expertise available in industry.
- Sponsorship for industrial project, Internships and mentoring for interviews of Final year students.
- Assistance for developing project ideas for students of LGNSCOE.
- Technical guidance for lab developments in LGNSCOE, Nasik.

- Platform for planning and utilizing resources like staff and infrastructure for joint R&D work.
- Sponsoring the events activities being conducted at LGNSCOE, Nasik.
- Training on special topics supported by donating outdated machinery, equipment, cut-sections, charts etc.

### **3. Late Gambhirrao Natuba Sapkal College of Engineering and Industry Standard of Performance:**

LGNSCOE shall expend reasonable efforts as follows:

- LGNSCOE shall provide training, lab visit permissions in such areas as may be mutually agreed between the parties, more particularly described in this agreement.
- LGNSCOE shall provide experts for the conduct of training at the LGNSCOE campus and or at the Industry premises.
- LGNSCOE shall provide certificates/completion letter to all students who have successfully completed the training, projects conducted at LGNSCOE or at the Industry premises.

### **4. Mutual Obligations:**

- Both the parties shall appoint one person as one point of contact for smooth execution of the MOU.
- This collaboration shall not be exclusive to both parties and shall not disallow each party from having similar collaboration with others. Except as expressly stated in this MOU, there shall be no obligation on any party to compensate the other in any manner or to make any claim.
- Each party shall respect the other's intellectual property.
- Nothing contained in this MoU shall be construed as resulting in the creation of a relationship of both Parties of LGNSCOE and Management of Industry. LGNSCOE and Industry are not authorized to make any representation, contract, or commitment on behalf of Industry / LGNSCOE without the prior written consent of other party.

### **5. Limitation and Warranties:**

- Each party shall ensure that the other is not put to any liability for any act of the respective party under this MoU.
- Each party represents that they have full power and authority to enter into this MOU in general.

#### **6. Commercial:**

- LGNSCOE & Industry will design programs on mutual understanding and decide fees if any to be charged to the students.
- The training, Lab visit shall be conducted at the LGNSCOE or Industry facility in a time bound manner as per availability and schedule of both parties.

#### **8. General:**

- Both the parties may receive information proprietary to other party (the "Confidential Information") in the course of performance of their obligations under this MoU. Confidential Information is not meant to include any information which (a) is publicly available (b) is rightfully received by the parties from third parties without accompanying secrecy obligations; (c) is already in either party's possession and was lawfully received from sources other than the parties or (d) is independently developed by the parties. The two bodies understand and acknowledge that the Confidential Information is valuable and confidential and agrees that it will at all times be kept in trust, to be disclosed only to such persons as have a "need to know" the same for the effective implementation of this MOU and that it will only be used by the parties for the benefit of others.
- Both the parties understand and agrees that all written or other tangible data and documentation developed or procured by the other party in performing its obligations under this MoU, whether in printed or electronic form, belongs to other party.
- Both parties shall not use the name and brand of the other party in any advertisement or make any public announcement without the prior written approval of the other.
- Each party shall be at liberty to terminate this MoU with a written notice period of one (1) month to the other party without any compensation.
- Any and all disputes or differences between LGNSCOE and Industry arising out of or in connection with this MoU or its performance shall, so far as it is possible, be settled by negotiations between the Parties amicably through consultation & understanding.

#### **9. Indemnification :**

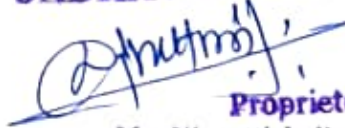
- Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs.
- In witness whereof, both parties put their hard seal on the day, month and year herein mentioned.

IN WITNESS WHEREOF, to show their assent, the duly authorized representative of the parties here to have signed the Agreement and set their seals as below:-

Signed for and on behalf of for

M/s Jadhav Casting  
D/1, D-1/25, MIDC Ambad, Nashik,  
Maharashtra 422010

**JADHAV CASTING**



**Proprietor**  
Mr. Nivrutti Jadhav  
Proprietor

Signed for and on behalf of for

KCT's Late Gambhirrao Natubai Sapkal  
College of Engineering,  
Anjaneri, Nashik



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

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

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



## Activity Report

Particulars	Description
Department	Mechanical Engineering
Activity	Industrial Visit
Activity level	Department level
Title	Industrial visit for the subject of Machine Shop for SE students
Organized by	Prof. K. W. Kale
Venue	Industrial Visit at Ambar Auto Engineers, Jadhav Castings and Matoshree Plastic Industry, Ambad, Nashik.
Date	11/04/2025
Time	10:30 a.m.
Objectives of the activity	<ol style="list-style-type: none"> <li>1) To study and understand Casting process</li> <li>2) To Study and observe Forging Process</li> <li>3) To understand procedure of plastic processing</li> <li>4) To prepare and write an industry visit report</li> </ol>
Outcomes of activity	<ol style="list-style-type: none"> <li>1) Students observed and studied casting and forging process</li> <li>2) Learned how plastic processing operations are carried out</li> <li>3) Students learned to prepare insightful visit report</li> </ol>
Targeted Participants	S.E. Students
Total no. of Participants & % of students	66 93%
Speaker / Resource Person	Mr. Shyamrao Laxman Jadhav, Mr. Sachin Jadhav
Content of the activity	<p>As part of the academic curriculum, a one-day industrial visit was organized to three industries located in <b>Ambad MIDC, Nashik</b>. This visit provided students with practical exposure to three major manufacturing processes:</p> <ul style="list-style-type: none"> <li>• <b>Casting Process at Jadhav Castings:</b> Students observed the pattern making, mould preparation, melting and pouring of molten metal, followed by cooling and finishing operations. The visit helped students</li> </ul>




Particulars	Description
	<p>understand different types of casting defects and quality control measures.</p> <ul style="list-style-type: none"> <li>• <b>Forging Process at Ambar Auto Engineers:</b> The visit showcased the working of power hammers, dies, and furnaces used in hot forging. Students learned about the importance of grain flow in forged components, advantages of forging over machining, and safety protocols in forging shops.</li> <li>• <b>Plastic Processing at Matoshree Plastic Industry:</b> Here, students observed injection molding and blow molding machines. They learned about the selection of plastic materials, mold design, heating, and cooling cycles, and how final products are finished and inspected.</li> </ul>
Relevance to POs	PO1, PO5, PO6, PO7, PO9, PO10.
Relevance to PSOs	PSO2
Methodology used	Plant Visit Discussion and guidance.
Brief Description of the activity	Students visited three industries in Ambad MIDC, Nashik — <b>Jadhav Castings, Ambar Auto Engineers, and Matoshree Plastic Industry</b> — to observe and understand the <b>casting, forging, and plastic processing</b> operations respectively. The visit provided practical exposure to industrial manufacturing processes, safety practices, and production workflows, enhancing students' understanding of core mechanical engineering concepts.





Particulars	Description
Geo- tag photos of the activity	 <p>Nashik, Maharashtra, India 1/24, Midc Ambad, Nashik, Maharashtra 422010, India Lat 19.966568° Long 73.736147° GMT +05:30 SE mech visit machine shop</p>
	 <p>Nashik, Maharashtra, India Xp8p+mx2, Midc Ambad, Nashik, Maharashtra 422010, India Lat 19.966866° Long 73.737374° GMT +05:30 SE mech visit machine shop</p>

Particulars	Description
	 <p>Nashik, Maharashtra, India Xp4w+18p, Mids Ambad, Nashik, Maharashtra 422010, India Lat 19.95699° Long 73.746817° GMT +05:30 SE mech visit machine shop</p>

*K. W. Kale*

**Prof. K. W. Kale**  
Coordinator



*T. Y. Badgujar*

**Prof. (Dr.) T. Y. Badgujar**  
HoD

*V. A. Kolhe*

**Prof. (Dr.) V. A. Kolhe**  
IQAC coordinator

*S. B. Bagal*

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





Kalyani Charitable Trust's

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B++' by NAAC)

Affiliated to ➤ Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)

Approved by ➤ A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11th June 2009)

➤ Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15th June 2009)

➤ D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)

➤ AISHE CODE : C-42196



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyani Charitable Trust

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

Ref. No.: KCT/LGNSCOE/MECH/2024-25/354

Date: 08/04/2025

To,  
The Proprietor,  
M/s, Jadhav Cating,  
MIDC Ambad, Nashik, Maharashtra 422010

**Subject:** Academic Visit to Second Year Students of Mechanical Engineering to Jadhav Casting  
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 Casting Industry to gain the Practical knowledge on Casting 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 71 in number and will be accompanied **3 faculty** members to maintain discipline and safety. We need permission for *One day* so that 71 students along with two faculty members can visit on day. Kindly allot the dates of visit in between **10<sup>th</sup> April, 2025 to 12<sup>th</sup> April, 2025** 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)



**JADHAV CASTING**  
D1/24, M.I.D.C, Ambad  
Nashik - 10

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

- **CAMPUS :** Sapkal Knowledge Hub, Kalyani Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252699 | Toll Free No.: 1800 233 2999 | **E-mail :** [gns\\_engineering@sapkalknowledgehub.org](mailto:gns_engineering@sapkalknowledgehub.org)
- **CORPORATE OFFICE :** Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
Tel.: +91 - 253 - 2392450 / 51 | **E-mail :** [head.marketing@sapkalknowledgehub.org](mailto:head.marketing@sapkalknowledgehub.org) | **Website :** [www.sapkalknowledgehub.org](http://www.sapkalknowledgehub.org)
- **MUMBAI OFFICE :** Sapkal Knowledge Hub, Unit No. 22, 1<sup>st</sup> Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | **E-mail :** [cmd@sapkalknowledgehub.org](mailto:cmd@sapkalknowledgehub.org), [ravi.sapkal@gmail.com](mailto:ravi.sapkal@gmail.com)



Kalyani Charitable Trust's

## Late G. N. Sapkal College of Engineering

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 212, Maharashtra State, India  
Tel: +91-2594-220168/71; Fax: +91-2594-220174  
Website: www.sapkalknowledgehub.org;  
E-mail: gns\_engineering@sapkalknowledgehub.com



Date: 9-Apr-25

### DEPARTMENT OF MECHANICAL ENGINEERING

#### NOTICE


All the Second year students are hereby informed that, **Industrial visit** for the subject **Machine Shop** is arranged at M/s Ambar Auto Engineers, Jadhav Castings and Matoshree Plastic Industry, Ambad, Nashik on Friday **11<sup>th</sup> April, 2025**

Following are the details of the Visit:


Sr. No.	Division	Date	Time	Faculty Coordinator	Bus Location
1	SE A	11/04/2024	10:00 am to 03.00 pm	1. Prof. K. W. Kale (9764138323)	Satpur ITI College, Satpur, Nashik

Note:-

1. Route of visit: - All the students will report at **Satpur ITI College at 09:45 am**, from there all students and staff will board on college bus and leave towards M/s Ambar Auto, Jadhav Casting and Matoshree Plastic Industry, Ambad respectively.
2. From Matoshree Plastic Industry, Ambad, Bus will move towards Satpur ITI and drop all students thereby and then visit will be concluded.
3. It's compulsory for all students to report outside of **Satpur ITI College** location before the said time.
4. Students should maintain discipline and follow instructions during visit.
5. All must carry college ID & Uniform.

  
Prof. K. W. Kale  
Visit Coordinator



  
Prof. (Dr.) T. Y. Badgujar  
Head of Department



**Date:** 09/04/2025

**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/2024-25/354 ; Dated: 08/04/2025, we would like to inform you that your second year Mechanical Students visit to our Company to gain the Practical knowledge of casting process is permitted on 11<sup>th</sup> April, 2025.

Yours Truly,

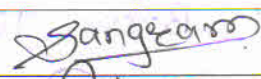







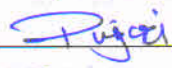
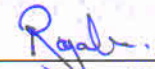

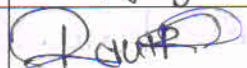

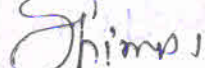



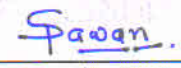




**M/s, Jadhav Cating,**  
**Plot No. D 1/24, MIDC Ambad,**  
**Nashik, Maharashtra 422010**



Machine Shop Visit at Ambar Auto Engineers, Jadhav Castings and Matoshree Plastic Industry, Ambad MIDC, Nashik -10

Date: 11/04/2025

Sr. No.	Name Of Student	Signature
1.	Sangram S. Desai	
2.	Kalpesh H. Shewale	
3.	Harshad Shumrat.	
4.	Mitanshu M. Velis	
5.	Patel Kunal mukesh	
6.	Pahlu Anand jigabao	
7.	Pawale sandip Balasaheb	
8.	Pawar mayur Bhausaheb.	
9.	Pujari sumanth.	
10.	Rajate Rahul	
11.	Rathod Vijay P.	
12.	Rajendra S. Raut	
13.	Sidharth S. salve	
14.	Harshal D. Shimpi	
15.	Pradumna R. shinde	
16.	Om mil singh.	
17.	Aniket S. Sonawane.	
18.	Pawan S. sonawane	
19.	Millesh U. suryawanshi	
20.	Prasad V. Thorat	



Machine Shop Visit at Ambar Auto Engineers, Jadhav Castings and Matoshree  
Plastic Industry, Ambad MIDC, Nashik -10  
Date: 11/04/2025


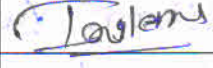
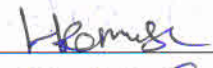

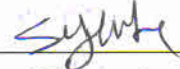
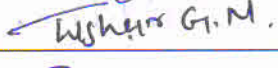



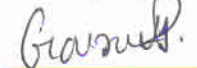
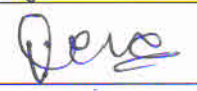
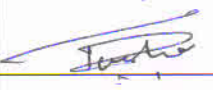



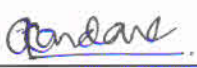




Sr. No.	Name Of Student	Signature
21	Borse Tammay Karbhari	Tammy B.
22	Dongre Megha rakesh	Megha
23	charan rahul Jalinder	Karbi
24	chavan lakhari Pandit	Chavan
25	Borade Omkar Sanjay	Omkar
26	Birari Sahil mahesh	Shenil Birari
27	Bidgar Valmik Shankar	Valmik Bidgar
28	Bhoye dheeraj sandipkumar	Dheeraj
29	Bhavar Shubham Govind	S.B. Govind
30	Bangare Dnyandhra Ganpat	D.Bangar
31	Bhagyawan Anushka sumil	Bhagyawan
32	Bhadane Akash chatur	Akash
33	Banjara Dipak chatur	Dipak
34	Badgujar rakesh Anand	Rakesh
35	Bachhane Nitin prakash	Nitin
36	Ambekar Shreyas Anil	Shreyas
37	Ahire Jatin milind	Jatin
38	Adke tushar Uttam	Tushar
39	Shaikh Aman Javed	Shaikh J.A.
40	Pagare Prashil santosh	Pagare





Machine Shop Visit at Ambar Auto Engineers, Jadhav Castings and Matoshree  
Plastic Industry, Ambad MIDC, Nashik -10

Date: 11/04/2025

Sr. No.	Name Of Student	Signature
41	Ingale Prem Mahesh	
42	Ingale Ashutosh Narendra	
43	Harale Tejas Ramdas	
44	Gulave Manisha Vijay	
45	Guhe Suraj Vilas	
46	Ghumare Tushar Navnath	
47	Gavali Sagar rameshwar	
48	Fulpagare harshal mahesh	
49	Dhongade Prasad madhukar	
50	Derkar gaurav Bharat	
51	Deore Sakshi subhash	
52	Demse Tushar Vishnu	
53	Kankarale Aishwarya Balasaheb	
54	Kardile Rushikesh Shantaram	
55	Khairnar Parshan Vasant	
56	Khandave omkar rajendra	
57	Kulkarni Pritesh Prashant	
58	Kunde Pratik Ravindra	
59	Manjurkar Prathmesh Vinod	
60	Mishra Ayush prabhash	





## Date: 11/04/2025

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

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 212, Maharashtra State, India



**UNDERTAKING**

I Mr./Ms. Sangram S. Desai Son / Daughter of Sunil Desai  
Resident of (Full address) Ashok nagar, sapur, Nashik  
and Contact number (self) 9673150845 and (parents) 9689161876 Roll No & Division S.8. (A)  
Presently studying in **Department of Mechanical Engineering** in Late G. N. Sapkal college of Engineering, Nashik.

My parents allow me go to Educational Visit / Tour at Jadhav Castings, Ambar auto engineers and Matoshree Plastic Industry, Ambad, Tal. Nashik, Dist Nashik on Friday, 11/04/2025.

I hereby undertake to comply with the following terms and conditions:-

1. I will compulsory follow the rules prescribed by the college.
2. In case of any accident or damage I & my parent will be totally responsible.
3. I will conduct myself in a highly discipline manner.
4. I will not cause or involve in any sort of misbehavior.

Name & Signature of Parent: - Sunil Desai Place: - Nashik

Name & signature of Student: - Sangram Desai Date: - 10/04/25



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

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 212, Maharashtra State, India



**UNDERTAKING**

I Mr./Ms. Kalpesh H. Shewale Son / Daughter of Hasi Shewale  
Resident of (Full address) Sapur, Tal. Nashik, Dist. Nashik  
and Contact number (self) 9765880773 and (parents) 9970660868 Roll No & Division 06  
Presently studying in **Department of Mechanical Engineering** in Late G. N. Sapkal college of Engineering, Nashik.

My parents allow me go to Educational Visit / Tour at Jadhav Castings, Ambar auto engineers and Matoshree Plastic Industry, Ambad, Tal. Nashik, Dist Nashik on Friday, 11/04/2025.

I hereby undertake to comply with the following terms and conditions:-

1. I will compulsory follow the rules prescribed by the college.
2. In case of any accident or damage I & my parent will be totally responsible.
3. I will conduct myself in a highly discipline manner.
4. I will not cause or involve in any sort of misbehavior.

Name & Signature of Parent: - Hasi Shewale Place: - Ambar

Name & signature of Student: - Kalpesh Shewale Date: - 10/04/25





**Kalyani Charitable Trust, Late Gambhirrao Natuba Sapkal College of Engineering, Anjaneri,  
Trimbakeshwar Road, Nashik**

**Feedback Analysis**

Title : Industrial Visit- Machine Shop

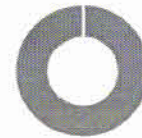
Academic Year : 2024-25

Class : Third Semester SE A [ Mechanical Engineering ]

Details : Activity

Total number of response(s) : 4 / 4

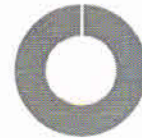
Question	The industrial visit helped me understand real-world applications of the casting, forging, and plastic processing techniques.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	4	12	100.00
Satisfactory	2	0	0	0.00
Disagree	1	0	0	0.00
Performance				100.00
Final Attainment				3.00



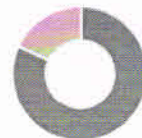
Question	The visit improved my ability to relate theoretical concepts with actual industrial practices.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	2	6	50.00
Satisfactory	2	2	4	33.33
Disagree	1	0	0	0.00
Performance				83.33
Final Attainment				2.50



Question	I could observe safety measures and process flows effectively during the visit.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	4	12	100.00
Satisfactory	2	0	0	0.00
Disagree	1	0	0	0.00
Performance				100.00
Final Attainment				3.00



Question	This visit enhanced my understanding of industrial workflows and production operations.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	3	9	75.00
Satisfactory	2	1	2	16.67
Disagree	1	0	0	0.00
Performance				91.67
Final Attainment				2.75



Question	The activity motivated me to learn more about manufacturing processes and their practical aspects.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	4	12	100.00
Satisfactory	2	0	0	0.00
Disagree	1	0	0	0.00
Performance				100.00
Final Attainment				3.00



**NOTE:**

- Response Value = (Value \* Total Number of Responses)
- Response % = (Response Value / (Max Value \* Total Number of Responses))



## Questionwise Attainment

Activity Number	Attainment
1	3.00
2	2.50
3	3.00
4	2.75
5	3.00

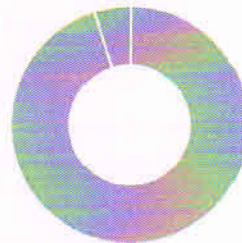
## Program outcome and question mapping

AO	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	2	2												
AO2	2			2										
AO3						2	3							
AO4					2						3			
AO5												2		
Average	2.00	2.00		2.00	2.00	2.00	3.00				3.00	2.00		

## Program outcome attainment

AO	AO Attainment	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	3.00	2.00	2.00												
AO2	2.50	1.67			1.67										
AO3	3.00						2.00	3.00							
AO4	2.75					1.83						2.75			
AO5	3.00												2.00		
Average	2.85	1.83	2.00		1.67	1.83	2.00	3.00				2.75	2.00		

Achieved Scope for improvement



Achieved 95.00 | Scope for improvement 5.00

## Questionwise Attainment

Activity Number	Attainment
1	3.00
2	2.50
3	3.00
4	2.75
5	3.00

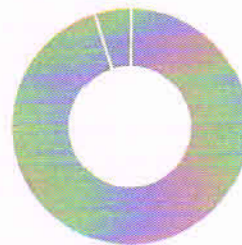
## Program outcome and question mapping

AO	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	2	2												
AO2	2			2										
AO3						2	3							
AO4					2						3			
AO5												2		
Average	2.00	2.00		2.00	2.00	2.00	3.00				3.00	2.00		

## Program outcome attainment

AO	AO Attainment	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	3.00	2.00	2.00												
AO2	2.50	1.67			1.67										
AO3	3.00						2.00	3.00							
AO4	2.75					1.83						2.75			
AO5	3.00												2.00		
Average	2.85	1.83	2.00		1.67	1.83	2.00	3.00				2.75	2.00		

Achieved Scope for improvement



Achieved 95.00 | Scope for improvement 5.00





**Kalyani Charitable Trust, Late Gambhirrao Natuba Sapkal  
College of Engineering, Anjaneri, Trimbakeshwar Road,  
Nashik**

**Feedback Analysis**

**Title :** Industrial Visit- Machine Shop

**Academic Year :** 2024-25

**Class :** Third Semester SE A [ Mechanical Engineering ]

**Details :** Activity

Question	The industrial visit helped me understand real-world applications of the casting, forging, and plastic processing techniques.
<input type="radio"/>	Strongly Agree
<input type="radio"/>	Satisfactory
<input type="radio"/>	Disagree
Question	The visit improved my ability to relate theoretical concepts with actual industrial practices.
<input type="radio"/>	Strongly Agree
<input type="radio"/>	Satisfactory
<input type="radio"/>	Disagree
Question	I could observe safety measures and process flows effectively during the visit.
<input type="radio"/>	Strongly Agree
<input type="radio"/>	Satisfactory
<input type="radio"/>	Disagree
Question	This visit enhanced my understanding of industrial workflows and production operations.
<input type="radio"/>	Strongly Agree
<input type="radio"/>	Satisfactory
<input type="radio"/>	Disagree
Question	The activity motivated me to learn more about manufacturing processes and their practical aspects.
<input type="radio"/>	Strongly Agree
<input type="radio"/>	Satisfactory
<input type="radio"/>	Disagree



**Kalyani Charitable Trust, Late Gambhirrao Natuba Sapkal College of Engineering, Anjaneri,  
Trimbakeshwar Road, Nashik**

**Feedback Analysis**

Title : Industrial Visit- Machine Shop

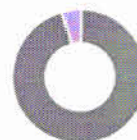
Academic Year : 2024-25

Class : Third Semester SE B [ Mechanical Engineering ]

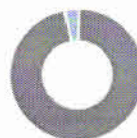
Details : Activity

Total number of response(s) : 63 / 63

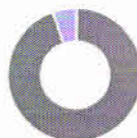
Question	The industrial visit helped me understand real-world applications of the casting, forging, and plastic processing techniques.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	59	177	93.65
Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



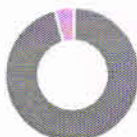
Question	The visit improved my ability to relate theoretical concepts with actual industrial practices.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	60	180	95.24
Satisfactory	2	3	6	3.17
Disagree	1	0	0	0.00
Performance				98.41
Final Attainment				2.95



Question	I could observe safety measures and process flows effectively during the visit.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	58	174	92.06
Satisfactory	2	5	10	5.29
Disagree	1	0	0	0.00
Performance				97.35
Final Attainment				2.92



Question	This visit enhanced my understanding of industrial workflows and production operations.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	59	177	93.65
Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



Question	The activity motivated me to learn more about manufacturing processes and their practical aspects.			
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Strongly Agree	3	59	177	93.65
Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



**NOTE:**

- Response Value = (Value \* Total Number of Responses)
- Response % = (Response Value / (Max Value \* Total Number of Responses))





**Kalyani Charitable Trust, Late Gambhirrao Natuba Sapkal College of Engineering, Anjaneri,  
Trimbakeshwar Road, Nashik**

**Feedback Analysis**

Title : Industrial Visit- Machine Shop

Academic Year : 2024-25

Class : Third Semester SE B [ Mechanical Engineering ]

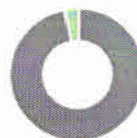
Details : Activity

Total number of response(s) : 63 / 63

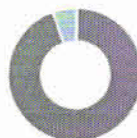
Question	The industrial visit helped me understand real-world applications of the casting, forging, and plastic processing techniques.			
Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	59	177	93.65
Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



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Strongly Agree	3	60	180	95.24
Satisfactory	2	3	6	3.17
Disagree	1	0	0	0.00
Performance				98.41
Final Attainment				2.95



Question	I could observe safety measures and process flows effectively during the visit.			
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Strongly Agree	3	58	174	92.06
Satisfactory	2	5	10	5.29
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Performance				97.35
Final Attainment				2.92



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Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



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Answer	Value	No. of response(s)	Response value	Response %
Strongly Agree	3	59	177	93.65
Satisfactory	2	4	8	4.23
Disagree	1	0	0	0.00
Performance				97.88
Final Attainment				2.94



**NOTE:**

- Response Value = (Value \* Total Number of Responses)
- Response % = (Response Value / (Max Value \* Total Number of Responses))

## Questionwise Attainment

Activity Number	Attainment
1	2.94
2	2.95
3	2.92
4	2.94
5	2.94

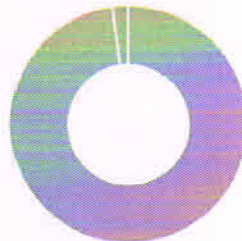
## Program outcome and question mapping

AO	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	2	2												
AO2	2			2										
AO3						2	3							
AO4					2						3			
AO5												2		
Average	2.00	2.00		2.00	2.00	2.00	3.00				3.00	2.00		

## Program outcome attainment

AO	AO Attainment	01	02	03	04	05	06	07	08	09	10	11	12	01	02
AO1	2.94	1.96	1.96												
AO2	2.95	1.97			1.97										
AO3	2.92						1.95	2.92							
AO4	2.94					1.96						2.94			
AO5	2.94												1.96		
Average	2.94	1.96	1.96		1.97	1.96	1.95	2.92				2.94	1.96		

Achieved Scope for Improvement



Achieved 97.88 | Scope for improvement 2.12



Date: 11/04/2025

## **Conduction Certificate**

This is to certify that the 03 faculty member and 71 Students of Late G. N. Sapkal College of Engineering have visited our industry on 11<sup>th</sup> April, 2025 (Friday).. The purpose of visit is to learn to gain practical knowledge of Foundry Process 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.



**M/s, Jadhav Cating,  
D-1/24, MIDC Ambad,  
Nashik, Maharashtra 422010**