



**NASHIK ENGINEERING CLUSTER,  
NASHIK**

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

# **Memorandum of Understanding**

**Between**

**Nashik Engineering Cluster, Nashik (NEC)**

**&**

**Department of Artificial Intelligence and Data Science Engineering  
Kalyani Charitable Trust's  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik - 422213 (MS), India.**



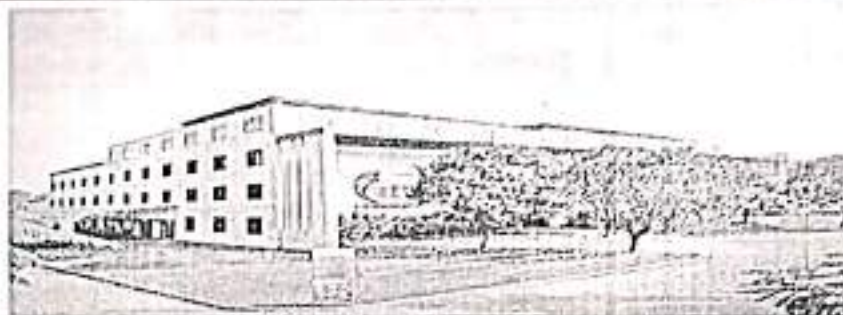
***Framework for Bridging the Industry Academia Gap...***



**NASHIK ENGINEERING CLUSTER,**  
NASHIK

Kalyani Charitable Trust's, Late G. N.  
Sapkal College of Engineering,  
Anjaneri, Nashik

### Introduction to Nashik Engineering Cluster



Nashik Engineering Cluster (NEC) is a Section 8 company formed under Industrial Infrastructure Upgradation Scheme (IIUS) of Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry Govt. of India.

NEC has been established in 2007 with an aim to promote Innovation, Entrepreneurship and Industrial growth by providing infrastructural & technological support to industries for Product Development, Validation, Testing and Certification. Nashik Engineering Cluster is strategically located at the centre of Industrial Triangle of Mumbai-Pune-Nagpur. Well connected to the world by direct rail, road and air routes, NEC is just 100 miles from India's financial capital and largest seaport of Mumbai.

NEC's 20000 sqM world class campus having 150000 sqFt built up space, houses state of art Design Centre, world's best Additive and CNC Metal Cutting machines and NABL accredited Testing & Calibration facilities. It is committed to support growth of industries, especially SME's, to meet global standards and become globally competitive world class organizations.

Collaboration as the fundamental, NEC is engaged in -

- ❖ **Product Development:** Specialized engineering services (CAD, Additive Mfg-RPT, CNC M/C, Calibration & Testing) in Product Development Value Chain and facilitating.
- ❖ **Skill Development:** Skill Development up gradation programmes, with appropriate tie ups, to provide a framework for bridging industry academia gap & improve employability.
- ❖ **Innovation Incubation:** Transforming ideas to successful business ventures.
- ❖ **Conventions:** Exhibitions, seminars, events, trainings, programmes & infrastructure to provide a platform to showcase talents and to learn latest trends in related field for continuous up gradation.

#### Training Proposal Objectives:

This document outlines the framework under which NEC and MSBTE will work together to fulfill the below mentioned objectives:

- ❖ Create a platform for Faculty Development activities of institutes in Maharashtra (Starting with Nashik) enabling them to have adequate exposure to latest trends in relevant industries.
- ❖ Identify & execute development projects.
- ❖ Enhance Skill Development of the students through trained faculty.
- ❖ Events /Training programmes relevant to skill development of faculty.
- ❖ Industry participation through guest lectures, workshops for specific areas.
- ❖ Development of "Application Oriented" approach through this framework.
- ❖ Provide a platform and develop a structure for the journey from a graduate to professional.
- ❖ Objective is to help students/graduates increase their 'value' to the organizations they would work with, provide career guidance forum.



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### Strengths of NEC

- ❖ The only organization uniquely positioned to provide the complete Skill Development eco systems ( career guidance, course structures/facilities, appropriate tie ups, recognition /acceptability, exposure through various events/exhibitions/seminars).
- ❖ World Class infrastructure and state of the art equipment.
- ❖ Established with aim to provide infrastructure to facilitate product development, innovation, skill development in MSME's.
- ❖ Various business models under one roof ( details on the next page).
- ❖ Global industrial customers endorsing NEC's services.
- ❖ Business associates from reputed companies, service sectors with huge industrial & relevant experience; experts willing to be associated.
- ❖ Strategic tie ups with highly reputed companies for various business activities & recognition of NEC's unique platform.
- ❖ Exposure to latest industrial & service industry practices.
- ❖ Management team with wide industrial experience.
- ❖ Different avenues for practical training.
- ❖ Industry specific courses being developed & formulated in Nashik.
- ❖ Adequate infrastructure to conduct Training Programs, workshops, events.

### Strategic Business Units

- ❖ **Product Development Value Chain (Including Additive Manufacturing)**  
CAD, Projects, Rapid Prototyping ( Metal & Plastic), CNC set up ( 5 Axis, VMC, Wirecut, EDM)
- ❖ **Calibration & Testing**  
NABL accredited Calibration facility; Electrical, Environmental, Metrology & Metallurgy Lab
- ❖ **Skill Development**  
Industry Ready Engineer' finishing Courses, CAD/CAM /CAE, CNC/VMC, Robotics, Industry Specific courses.
- ❖ **Business Services**  
Auditorium with world class facilities including video conf, Halls for various events, Office & Shop space

NEC was incorporated on 12<sup>th</sup> September 2007, became functional in its own premises (a world class infrastructure) in January 2010. Since inception, NEC has been providing services to various industries in Product Development, Calibration & Testing, Process improvement, conducting Skill Development courses and has been a host to prestigious Industrial Events. Over the years NEC is developed as one of the most successful Cluster organizations in the Country and poised to grow rapidly based on the solid foundation, collaboration as fundamental, infrastructure and the wide spectrum of the services in areas of Innovation, Skill Development and Conventions

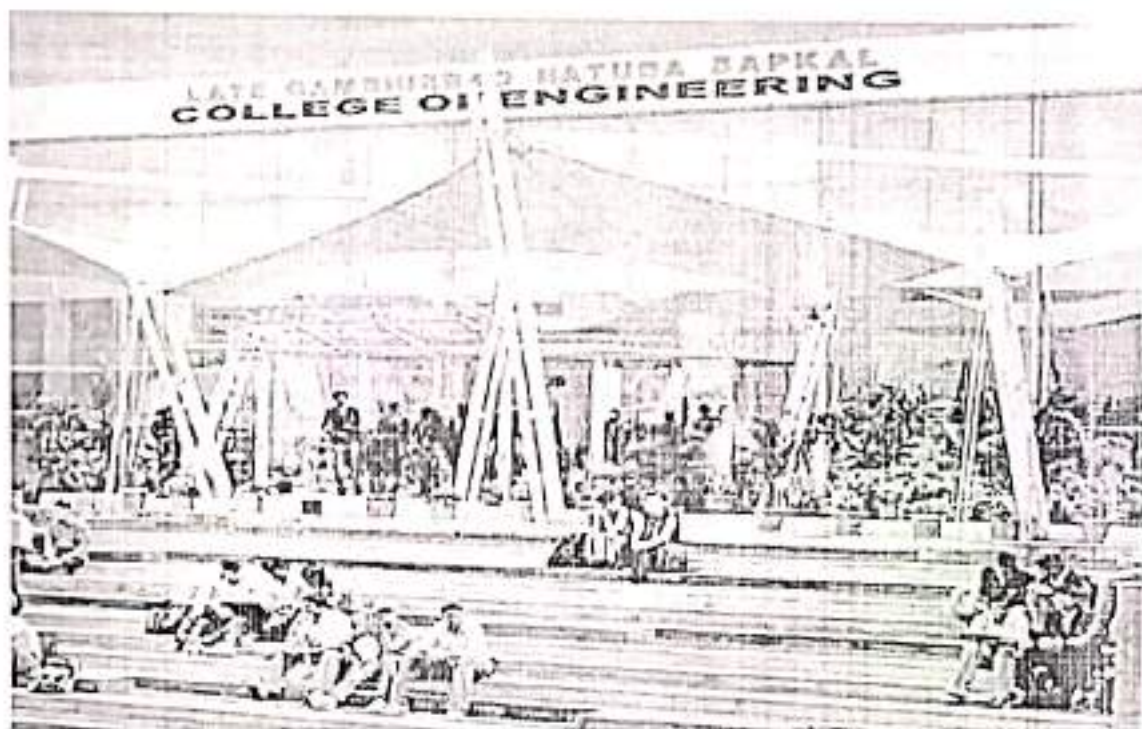
NEC is committed to help MSME's to be competitive, facilitate innovation & development process, to upgrade & achieve global standards in design, development, quality and production. NEC is focused on Emerging Trends in order to plan and execute appropriate expansions and also to provide a platform for Skill Development programmes.



### *About College & Image*

The Late G. N. Sapkal College of Engineering is established in the year 2009 under aegis of Kalyani Charitable Trust's, Mumbai with approval of AICTE and DTE, Government of Maharashtra. The Institute is affiliated to Savitribai Phule. The Late G. N. Sapkal College of Engineering is committed to serve common masses by disseminating engineering education.

This Memorandum of Understanding (MoU) is entered into as on 29.07.2024, by and between the Late G. N. Sapkal College of Engineering Nashik (MS), India and Nashik Engineering Cluster, Nashik.



Late G. N. Sapkal College of Engineering, Nashik



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NASHIK

Kalyani Charitable Trust's, Late G. N.  
Sapkal College of Engineering,  
Anjaneri, Nashik

This MOU pertains to conducting Co branded Online / Offline Skill Development Programs (OSDP) by M/s NEC and M/s college name-.

**Skill Development Hub**  
(Skilling – Upskilling – Reskilling)

**Annexure: Bridge Skill Employability Gap – Creating Industry Ready Manpower**

**Employability Centric Program (Online / offline Courses)**

S.Nr.	Name of the Course / Workshop	Streams / Audience	Course Duration	Fees without GST
1	CNC-VMC Programming and Operating	Mechanical	As per Course discussed	As per course and number Of students
2	AutoCAD, CATIA	Mechanical	As per Course discussed	As per course and number Of students
3	Additive manufacturing / 3-D Printing- (Plastic / Metal).	Electric / E&TC/ Mechanical	As per Course discussed	As per course and number Of students
4	Programming Languages & Full Stack Development	IT/ Comp/ E&TC	As per Course discussed	As per course and number Of students
5	Industrial Automation	Electric / E&TC/ Mechanical	As per Course discussed	As per course and number Of students
6	Embedded System	Electric / E&TC/	As per Course discussed	As per course and number Of students
7	Internship	Mech / IT / Comp / E&TC / Elec.	As per Course discussed	As per course and number Of students
8	Industrial Visit	Mech / IT / Comp / E&TC / Elec.		
8	Customize short term program according to the industry requirement			

**NEC's Industry Centric Programs :**

- Industrial Safety
- Advanced Corporate Excel
- Supervisory Skill
- GD & T
- Treasury Management
- Training Need Identification
- Soft Skills
- 5S / Kaizen / Lean Tool

**Others Program**

- DISH Approved First – Aid Training Centre
- Faculty Development Program Under MSBTE





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Terms & Conditions:

- 1) Fees and duration of the programs would be agreed on basis of course selected and the hours of training, as per NEC standards.
- 2) Fees of the program are to be paid 100% in Advance before commencement of program.
- 3) NEC- fees do not include GST, GST would be charged on actual fees as applicable on date of billing current at 18%.
- 4) After successful completion of the training program certificate will be issued to Students.
- 5) Minimum 80% attendance is compulsory for award of training certificate.
- 6) Residential batches can be conducted with mutual consent- costs will be added for the training period duration at Nashik which we can provide for Lodging, boarding, local Transportation from Stay place to NEC and back only
- 7) Action will be as per NEC Terms of training.

**Scope & Areas covered under the MOU**

The scope essentially covers online & offline training by NEC. Trainer, Training material/ equipment shall be provided by organization conducting training.

**Required Documentation for the admission:**

1. Copy of ID proof (College ID Card /Driving License/Aadhar Card)
2. One Hard copy or Digital Photograph

**Core Competence of NEC Skill Development Hub:**

- 1) World class infrastructure and Technical facilities to support Industries.  
(CNC/VMC, Embedded, Automation, IT Computer Related, CAD / CATIA) for the trainings.
- 2) State of the art equipments.
- 3) Industrial visits for colleges, schools & institutions.
- 4) Business associates from reputed companies.
- 5) Exposure to latest industrial practices.
- 6) Management team with industrial experience.
- 7) Hands on training.
- 8) Placement support Cell.
- 9) Global industrial customers.



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## Memorandum of Understanding

This MOU is made and executed amongst the parties here with on Monday, 29<sup>th</sup> July, 2024,

### Scope of work:

Training Program to be conducted Online.

Scope of work	College name	NEC
Counseling / Marketing to the Students	Yes	Yes
To finalize the Training schedule along with College / Organization representative	Yes	Yes
Student Mobilization & Enrollment Process	Yes	Yes
Collection of Training program fees as per fees agreed upon	Yes	Yes
To Provide adequate infrastructure (E.g. H/w, S/w etc.)	Yes	Yes
Record keeping, Attendance, Feedback forms & Individual Certification	Yes	Yes
Provision of common facility to the students	Yes	Yes
Support and assistance for Students & staff for higher education projects, In Plant Training & Internship	Yes	Yes
Assistance in Arranging Expert Lectures & Workshops	Yes	Yes

### A) General

1. Period of this MOU is for a period of 1 year from the execution of this MOU. The MOU will be reviewed periodically for adequacy and suitability; will be renewed annually on mutual consent, As per guidelines of legal advisors and signed during the validity.
2. Neither this MOU nor NEC name shall be used or any affiliations from anybody.
3. Execution starts from the date of this MOU & on mutually agreed terms.
4. In The MOU period a Minimum of 50 Students need to be trained and certified at NEC.

### Confidentiality

The document and its contents may not be transmitted or re produced for use or distribution without the express permission of Nashik Engineering Cluster. All future revisions will be initially approved by Nashik Engineering Cluster and subsequently jointly signed for implementation.



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In witness where of the parties have to set their respective hands, on 29th July, 2024.

MOU Signing Date:

Place:

Signed, Sealed & Delivered  
By Nashik Engineering Cluster (NEC),  
Nashik

Name: Jalindar Shinde

Signed, Sealed & Delivered  
By Late G. N. Sapkal College of Engineering,  
Anjaneri, Nashik

Name: Prof. (Dr.) S. B. Bagal, Principal, LGNSCOE



Witness 1] Prof. S. R. Baji, Head of AIDS Department

Witness 2] Nilesha Shinde - Asst-Mgr



Signature: S.R. Baji

Signature: Nilesha



## **MEMORANDUM OF UNDERSTANDING BETWEEN**

**Department of Artificial Intelligence and Data Science Engineering**

**Kalyani Charitable Trust's  
Late G N Sapkal College of Engineering  
Anjaneri, Nashik - 422213 (MS), India.**

**&**

**Nashik Engineering Cluster,  
C-10, MIDC Ambad, Nashik, Maharashtra 422010.**

This Memorandum of Understanding (MoU) is entered into as on 29.07.2024, by and between the Late G. N. Sapkal College of Engineering Nashik (MS), India and Nashik Engineering Cluster, Nashik.

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- ❖ **Product Development:** Specialized engineering services (CAD, Additive Mfg-RPT, CNC M/C, Calibration & Testing) in Product Development Value Chain and facilitating.
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## **Strategic Business Units of NEC**

- ❖ **Product Development Value Chain (Including Additive Manufacturing)**  
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Auditorium with world class facilities including video conf, Halls for various events, Office & Shop space

### **The partners have entered into this MoU because they:**

- ✓ RECOGNIZE the mutual interest in the field of industrial training, development and dissemination of knowledge.
- ✓ RECOGNIZE the importance of Industry Institute interaction activity for engineering students.
- ✓ RECOGNIZE the importance of the Industry Partner within its field of expertise.
- ✓ To provide an opportunity to most eligible students for professional work experience through employment, if possible.

### **This MoU will enable the parties to:**

- FOSTER technical education at undergraduate and post graduate level to make the students, industry ready.
- ✓ STRENGTHEN the theoretical knowledge in industrial practices. An exposure to industrial environment brings about attitudinal change in the students by inculcating managerial principles which cannot be effectively imparted through classroom or laboratory inputs.
- ✓ PROVIDE In-plant training to Late G. N. Sapkal College of Engineering students.
- ✓ PROVIDE Industry related project to Late G. N. Sapkal College of Engineering students and an opportunity to learn recent industry practices.
- ✓ ALLOW the Late G. N. Sapkal College of Engineering Students for industrial visits to enhance the subject related knowledge.
- ✓ EXPLORE any opportunity of campus placement for Late G. N. Sapkal College of Engineering students.
- ✓ This MOU is signed only in the interest of helping & guiding the Late G. N. Sapkal College of Engineering students in various development activities & NEC will not responsible for any other acts of the student of whatsoever kind.

- ✓ To provide an opportunity to most eligible students for professional work experience through employment, if possible.
- ✓ This MOU is valid for 1 Years.

The parties hereby agree to establish collaboration according to terms and conditions set out by Late G. N. Sapkal College of Engineering and Nashik Engineering Cluster, Nashik.

<p>Kalyani Charitable Trust's <b>Late G N Sapkal College of Engineering Anjaneri Nashik (MS), India</b></p>	<p><b>Nashik Engineering Cluster,</b> C-10, MIDC Ambad, Nashik, Maharashtra 422010.</p>
<p>Signed by: Prof. (Dr.) S. B. Bagal, Principal</p>	<p>Signed by:  29/7/2024</p>
<p>Signature: </p>	<p>Signature : </p>
<p>Witness Signature: Prof. S. R. Baji HOD, AIDS Dept. </p>	<p>Witness Signature: Asst. Mgr. Nitesha Shinde </p>
<p>Date: 29/07/2024</p>	<p>Date: 29/07/2024</p>
<p>Office Seal: </p>	<p>Office Seal: </p>



**Department of Artificial Intelligence and Data Science Engineering**

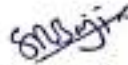
**NOTICE**

**Date: 29/07/2024**

All Second Year Students are hereby informed that our department has organized Industrial visit at "Nashik Engineering Cluster" C-10, MIDC Ambad, Nashik, on 2<sup>nd</sup> August 2024, at 11:30am. All students should compulsory remain present with proper College Uniform, ID Card & Shoes. A Strict action will be taken for those who were absent.



Prof. S. D. Bagade  
Industrial Visit i/c



Prof. S. R. Baji  
Head of Department



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





Kalyani Charitable Trust's  
**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**  
Department of  
**Artificial Intelligence & Data Science Engineering**  
Organised



Date:  
2nd August  
2024

Industrial Visit at  
**Nashik Engineering Cluster  
(NEC)**

C-10, MIDC Ambad, Nashik

Time:  
11:30 AM



**Prof. Shweta Bagade**  
Industrial Visit Co-ordinator

**Prof. Seema Baji**  
Head Of Department (AI & DS)

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





## Activity Report

Particulars	Description
Department	Artificial Intelligence and Data Science
Activity	Industrial Visit
Activity level	Department
Title	Industrial Visit at Nashik Engineering Cluster (NEC)
Organized by	Artificial Intelligence and Data Science
Venue	"Sahastrarashmi" C-10, MIDC AMBAD, NASHIK - 422 010
Date	02/08/2024
Time	11:00 AM onwards
Objectives of the activity	<ul style="list-style-type: none"><li>• To understand the various technical facilities required by industries and researchers for accomplishing the engineering projects.</li><li>• To acquire the knowledge of calibration of engineering instruments.</li><li>• To aware about the programming languages and their applications while handling the computer-controlled machines like CNC, VMC, 3D printing machines etc.</li><li>• To explore the Innovation, Incubation and entrepreneurship facilities available for engineering community.</li></ul>
Outcomes of activity	<ul style="list-style-type: none"><li>• Students will be able to identify various engineering facilities for the accomplishment of their projects.</li><li>• Students will learn about the tools and equipment necessary for accurate calibration in industrial settings.</li><li>• Students will gain insights into programming languages used in CNC, VMC etc.</li><li>• Students will understand the significance of innovation, incubation, and entrepreneurship in engineering.</li></ul>
Targeted Participants	65
Total no. of Participants & % of students	64 100%





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

Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik – 422 213



Particulars	Description
Speaker / Resource Person	Name: Miss. Nileshta Shinde Designation & Organization: The Department Head, Skill Development Hub, Nashik Engineering Cluster Contact Number: 9890048083 / 7276091650
Content of the activity	Various testing facilities, Requirement of tools & equipment used in calibration facilities, The additive manufacturing parts, Reverse engineering parts, Technology of manufacturing, Metal 3D, Plastic 3D printing, Requirement of tools & equipment used in product development, programming, CNC, VMC, Universal milling machine, Innovation, Incubation, Rapid Prototype, Vacuum Heat Treatment, Electro-discharge machining, Wire cut EDM, etc.
Relevance to POs	PO1, PO2, PO4, PO5, PO11, PO12
Relevance to PSOs	PSO2, PSO3
Methodology used	1. Practical Demonstration 2. Discussion
Brief Description of the activity	<p>Artificial Intelligence and Data Science Department of Late. G. N. Sapkal College of Engineering, Nashik has organized Industrial Visit at "Nashik Engineering Cluster (NEC), C-10, MIDC Ambad, Nashik" to give practical exposure to the students to understand engineering aspects and latest technical developments in real life situations. Students and faculty members were reached the location at 11:15 am. During the industrial visit to the Nashik Engineering Cluster, students were introduced to an array of advanced manufacturing facilities that showcased cutting-edge technologies essential for modern engineering. Rapid Prototyping was demonstrated to illustrate how quick and efficient models can be created from digital designs, significantly accelerating the product development process. The 3-Axis Vertical Milling Center (VMC) and 4-Axis Turn Mill Center provided insights into precise machining operations, allowing for the fabrication of complex parts with high accuracy.</p> <p>Students also explored the 5-Axis CNC Machining Center, which enhances flexibility and efficiency by enabling the machining of intricate geometries in a single setup, thereby reducing production time and increasing part quality. The Vacuum Heat Treatment facility highlighted processes that improve material properties, such as hardness and durability, by minimizing oxidation and contamination during heating.</p>

Particulars	Description
	<p>Furthermore, the demonstrations included Electro-Discharge Machining (EDM), a technique used for creating intricate shapes in hard materials, and Wire Cut EDM, which enables precise cutting of complex profiles. These technologies exemplify the integration of precision engineering and modern manufacturing practices, equipping students with a comprehensive understanding of the tools and techniques that drive innovation in the engineering sector.</p> <p>The industrial visit to the Nashik Engineering Cluster was an enriching experience that significantly enhanced students' understanding of advanced machining processes and their applications. We would like to express our gratitude to the staff at the Nashik Engineering Cluster for their valuable time and insights for this informative visit.</p>
Geo- tag photos of the activity	 <p>The top photo is a group of students and faculty posing in front of the Nashik Engineering Cluster (NEC) building. The geotag data for this photo is: Nashik, Maharashtra, India; C-10, MIDC Ambad, Nashik, Maharashtra 422010, India; Lat 19.859959°; Long 73.735504°; 02/08/24 01:25 PM GMT +05:30.</p> <p>The bottom photo shows students in a lab setting looking at a large industrial machine. The geotag data for this photo is: Nashik, Maharashtra, India; MIDC-Ambad, near Datta Nagar, near Nashik Engineering Cluster, MIDC Ambad, Nashik, Maharashtra 422005, India; Lat 19.859959°; Long 73.735504°; 02/08/24 12:27 PM GMT +05:30.</p>



Particulars	Description
	 <p>Nashik, Maharashtra, India XPSP+89P, opp. Datt Nagar, near Nashik Engineering Cluster, MIDC Ambad, Nashik, Maharashtra Lat 19.95954° Long 73.735584° 02/06/24 12:47 PM GMT +05:30</p>
	 <p>Nashik, Maharashtra, India XPSP+Q84, MIDC Ambad, Nashik, Maharashtra 422010, India Lat 19.95954° Long 73.735584° 02/06/24 12:47 PM GMT +05:30</p>

*Shweta*  
**Prof. S. D. Bagade**  
Coordinator / Prepared by

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



*S. R. Baji*  
**Prof. S. R. Baji**  
HoD

*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-2009/167/09)/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

Dr. Sahendra B. Bagde  
M.E. (E & TC), P.D. (E & TC)  
Principal

KCT/LGNSCOE/ESTT/2024-25/ 86

Date: 30/07/2024

To,

The Department Head,

Skill Development Hub,

Nashik Engineering Cluster,

C-10, MIDC Ambad, Nashik, Maharashtra - 422010

Sub- Requesting a Permission For Industrial Visit At Nashik Engineering Cluster (NEC).

Dear Sir,


This is a request letter to seek your kind permission for an industrial visit to Nashik Engineering Cluster (NEC). As per our university norms, engineering students are expected to visit prominent industries and companies for an exposure to the latest trends. Consequently, the **Second Year** students of **Artificial Intelligence and Data Science Engineering Department** of our college, desires to visit your company.


At this juncture, it is a pleasure for me to introduce to you, our college and department on behalf of the students and faculty. Late G. N. Sapkal College of Engineering started in 2009 as one of the institutes of Sapkal Knowledge Hub affiliated to Savitribai Phule Pune University and approved by DTE, Mumbai & AICTE, New Delhi. We offer courses at the under graduate as well as post graduate level in Six areas of Engineering.


In the above background, we would like to send a batch of about **65 students** accompanied by **03 staff members** to visit **Nashik Engineering Cluster (NEC)** Nashik, preferably on **02/08/2024 at 11.00 am**. The list of student and staff is attached to letter for your kind information. I request you, to kindly accord the necessary permission for the above visit and arrange for guiding the students. We assure you that our students will observe the rules & regulations that are prescribed by Nashik Engineering Cluster (NEC).

We shall be grateful for a favorable response.

Thanking You.

  
Prof. S. D. Bagade  
Industrial Visit i/c

  
Prof. S. R. Baji  
Head of AIDS Department

  
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
- OFFSHORE** 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 | Website : 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, ravi.sapkal@gmail.com



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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-42198



Dr. Pravin D. G. Sapkal  
Chairman & Managing Director  
Kalyani Charitable Trust

Dr. Sahendra E. Bagde  
M.E. (E & TC) Ph.D. (E & TC)  
Principal

KCT/LGNSCOE/ESTT/2024-25/ 86

Date: 30/07/2024

To,  
The Department Head,  
Skill Development Hub,  
Nashik Engineering Cluster,  
C-10, MIDC Ambad, Nashik, Maharashtra - 422010

Sub- Requesting a Permission For Industrial Visit At Nashik Engineering Cluster (NEC).

Dear Sir,

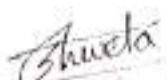
This is a request letter to seek your kind permission for an industrial visit to Nashik Engineering Cluster (NEC). As per our university norms, engineering students are expected to visit prominent industries and companies for an exposure to the latest trends. Consequently, the **Second Year students of Artificial Intelligence and Data Science Engineering Department** of our college, desires to visit your company.


At this juncture, it is a pleasure for me to introduce to you, our college and department on behalf of the students and faculty. Late G. N. Sapkal College of Engineering started in 2009 as one of the institutes of Sapkal Knowledge Hub affiliated to Savitribai Phule Pune University and approved by DTE, Mumbai & AICTE, New Delhi. We offer courses at the under graduate as well as post graduate level in Six areas of Engineering.


In the above background, we would like to send a batch of about **65 students** accompanied by **03 staff members** to visit **Nashik Engineering Cluster (NEC)** Nashik, preferably on **02/08/2024 at 11.00 am**. The list of student and staff is attached to letter for your kind information. I request you, to kindly accord the necessary permission for the above visit and arrange for guiding the students. We assure you that our students will observe the rules & regulations that are prescribed by Nashik Engineering Cluster (NEC).

We shall be grateful for a favorable response.

Thanking You.

  
Prof. S. D. Bagade  
Industrial Visit i/c

  
Prof. S. R. Baji  
Head of AIDS Department

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



- \* **LAKHNE** 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
- \* **THANE** 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 | Website : 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, ravi.sapkal@gmail.com





Kalyanji 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/8501 Dated- 18/11/2009)

Approved by ➤ A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/D-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-42198



**Dr. Ravindra G. Sapkal**  
Chairman & Managing Director  
Kalyanji Charitable Trust

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

Ref: KCT's/LGNSCOE/2024-25/

Date: 02 August, 2024

### CONDUCTION LETTER

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

This is to certify that Second Year Artificial Intelligence and Data Science Engineering students of Late G. N. Sapkal College of Engineering along with 3 faculty members have visited Nashik Engineering Cluster (NEC), Nashik on 2<sup>nd</sup> August 2024 between 11.30 am to 3 pm. During the visit they have seen Product Development Value Chain [CAD, Projects, Rapid Prototyping (Metal & Plastic), CNC set up (5 Axis, VMC, Wirecut, EDM)], Calibration & Testing [NABL accredited Calibration facility; Electrical, Environmental, Metrology & Metallurgy Lab], Skill Development section, etc.

Thanking you.



From Nashik Engineering Cluster (NEC)

Authorized Signatory

- **CAMPUS** : Sapkal Knowledge Hub, Kalyanji 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
- **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 | Website : 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, ravi.sapkal@gmail.com



## Department of Artificial Intelligence and Data Science Engineering

### Roll Call List

Semester - I

Class: Second Year

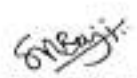
A.Y. 2024-25

Div.: --

Roll No.	Name of the Student
1.	AHIRE UMESH PRAVIN
2.	BAGORE SAKSHI PROMOD
3.	BARI AKSHAT NITIN
4.	BHAVSAR SAKSHI DHIRAJKUMAR
5.	BOCHARE SAINATH RANGNATH
6.	BORASE TEJASWINI DIFAK
7.	CHAVAN GAYATRI DADASAHEB
8.	CHAVAN PREM SANJAY
9.	DAGALE SAHIL SANTOSH
10.	DARADE AKSHADA SUNIL
11.	DEORE BHUVANESH HIMMAT
12.	DEORE GAURAV BHAFAT
13.	DOMADE ANANDPRAKASH LAXMAN
14.	GAIKWAD VEDANT NANDU
15.	GANGURDE ISHWAR GOKUL
16.	AMAN SHYAMU GAUD
17.	GAWALI AMAN DATTATRAYA
18.	HIRE PRATHMESH BHANUDAS
19.	HIRE SHRUTI SANJAY
20.	JADHAV AMEYA PRAMOD
21.	JAGTAP GANESH BHAUSAHEB
22.	JAGTAP NISHANT DILIP
23.	KAKADE DIPAK SOPAN
24.	KALE ABHIMANYU VILAS
25.	KAPADNIS PRATIK YUVRAJ
	KHADE HEMANT RAMESHRAO (Ad. Cancel)
27.	KHAIRNAR VAISHNAV SANJAY
28.	KOLHAL MAYUR GANAPAT
29.	KOLHE AISHWARYA BHAUSAHEB
30.	KUDE DHIRAJ NITIN
31.	KULDHARAN ANUSHKA UTTAM
32.	LAVRE ROHIT NANASAHEB
33.	LOHOKARE YASH SANJAY

Roll No.	Name of the Student
34.	MAGAR DAMINI PRAKASH
35.	PRATHAM MAHENDRA MAHAJAN
36.	MAHAJAN SOHAM DEVESH
37.	MALI MAYUR SANDIP
38.	HARSHAL YOGESH MORE
39.	NAGARE SARTHAK VIKAS
40.	NAROJI CHINTAMANI DINESH
41.	NEHE TRUPTI AVINASH
42.	NIKUMBHE DEEKSHA RAJENDRA
43.	PAGARE GAYATRI VINOD
44.	PANPATIL RITESH SUDHAKAR
45.	HARSHADA JITENDRA PARDESHI
46.	PATIL AAKASH DNYANESHWAR (Provisional)
47.	PATIL BHAVESH DIWAKAR
48.	PATIL LEKHRAJ NITIN
49.	PATIL LISHA UMESH
50.	PATIL RAJ VIJAY
51.	PATIL SUJAL RAMESHBHAI
52.	PATIL VEDANT VINOD (Provisional)
53.	RATHOD URVASHI DEVIDAS
54.	SANGALE TANISHKA RAJANISH
55.	UDDHAV BALU SANGLE
56.	SHANKHAPAL GAURAV PRAVIN
57.	SHEWALE BHAGYASHRI MANGESH
58.	ROHIT BABURAO SHINDE
59.	SHIROLE DARSHAN RAVINDRA
60.	SHIRSATH MAYURESH SURESH
61.	SURWASE SRUSHTI RAVINDRA
62.	THAKARE KRUSHNA RAVINDRA
63.	UBALE AKSHADA SUNIL
64.	WAGH ANANYA DATTATRAY
65.	WAGH VINOD SANJAY
66.	ZINJURKE SANKET DNYANDEV

  
Prof. S. D. Bagade  
Class Coordinator

  
Prof. S. R. Baji  
HOD

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

**Department of Artificial Intelligence and Data Science**
**Industrial Visit at Nashik Engineering Cluster (NEC)**
**STUDENT ATTENDANCE RECORD**

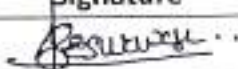

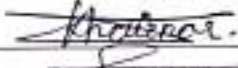
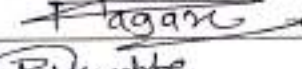
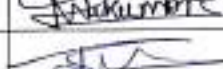

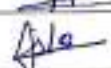
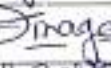



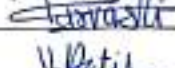


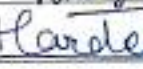




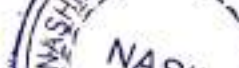

Class: Second Year

Sem-I

A.Y.: 2024-25

Date: 02/08/2024

Time: 11.30am

Roll No.	Name of Student	Signature
(61)	Srushti Ravindra Surwase.	
64	Ananya Dattatray Wagh	
27	Vaishnavi Sanjay Khairnar	
43	Gayatri Vinod Pagare	
44	Deeksha Rajendra Nikumbhe	
557	Bhagyashri Mangesh Shewale	
31	Anushka Uttam Kulkarni	
29	Aishwarya Bhausaheb Kolhe	
34	Magar Damini Prakash	
38	Harshal Yogesh More	
39	Gayatri Dadasaheb Chavan	
41	Tarpti A. Nete	
53	Urvasi Devdas Rathod	
49	Lisha Umesh Patil	
19	Shruti Sanjay Hise	
54	Tanishka Rajnish Sangale	
45	Harshada Jitendra Pardeshi	
10	Akshada Sunil Parade	
06	Borase Tejaswini Dipals	
02	Sakshi Pramod Bagore	
09	Dagale Sahil Santosh	





**Department of Artificial Intelligence and Data Science**

**Industrial Visit at Nashik Engineering Cluster (NEC)**

**STUDENT ATTENDANCE RECORD**

Class: Second Year

Sem-I

A.Y.: 2024-25

Date: 02/08/2024

Time: 11.30am

Roll No.	Name of Student	Signature
47	Bhavesh Divakar Patil	Bat...
48	Lakshmi Anil Patil	...
36	Soham Denesh Mahajan	...
12	Gaurav Bharat Deore	...
23	Dipak Sopan Kakeade	...
60	Mayuresh S. Shirsat	...
33	Yash S. Lokhande	...
62	Krushna R. Thakore	...
05	Sainath R. Bachore	...
21	Ganesh B. Jagtap	...
15	Gurugade Ishwar Gokul	...
65	Wagh Vinod-Sanjay	...
11	Deore Bhuvanesh Himmat	...
14	Gaikwad Vedant Nandu	...
35	Pratham Mahendra Mahajan	...
66	Sanket Dnyanesh Zingra	...
46	Aakash Dnyaneshwar Patil	...
56	Gaurav Pravin Shankapal	...
39	Sartak Vikas Nagare	...
44	PanPatil Ritesh Sadhakar	...
22	Jagtap Nishant Dilip	...





**Department of Artificial Intelligence and Data Science**

**Industrial Visit at Nashik Engineering Cluster (NEC)**

**STUDENT ATTENDANCE RECORD**

Class: Second Year

Sem-I

A.Y.: 2024-25

Date: 02/08/2024

Time: 11.30am

Roll No.	Name of Student	Signature
18	Prathmesh Bhanudas Hire	P.B.H.
37	Mayur Sandip Mali	Mali
16	Aman Shyam Gaud	Aman
17	Aman Dattabhai Gacoli	Aman
18	Rohit Baburao Shinde	Rohit
19	Divyad Nitin Kudr	Divyad
28	Mayur G Kolhar	Mayur
32	Rohit N. Lave	Rohit
24	Abhimanyu V. Kale	Abhimanyu
25	Pratik Yuvraj Kapadnis	Pratik
1	Vmesh Pravin Ahire	Vmesh
40	Chintamani. Dimesh Naraji	Chintamani
50	Raj Vijay Patil.	Raj
08	Prem Sanjay Chavan	Prem
20	Amey Prasad Jadhav	Amey
04	Sakshi Dhirajkumar Bhavsar	Sakshi
63	Akshada Sunil Ubale	Akshada
13	Domade AnandPrakash Lazman	Domade
03	Bari Akshat Nitin	Bari
30	Kude Dhruj Nitin	Kude
07	Chavan Gayatri Dadasaheb	Chavan
35	Pratham Mahendra Mahajan.	Pratham





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



Department of Artificial Intelligence and Data Science Engineering

**VISIT FEEDBACK FORM**

We Would appreciate if you could take a few minutes to share your opinion with us for further improvement in conduction of visit.

Title / Aim : Industrial visit at Nashik Engineering cluster (NEC)

Place of Visit : Ambad Nashik

Class : SE Date : 02/08/2024 Time : 12:30

- |   |                        |                                     |    |                                     |
|---|------------------------|-------------------------------------|----|-------------------------------------|
| 1. Is the Visit applicable to relevant field.     | Yes                    | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| 2. Is visit Programme well placed within time.    | Yes                    | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 3. The instructor was Familiar to topic.          | Yes                    | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 4. Is time allotted for visit sufficient?         | Yes                    | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 5. Did the visit add any value in your knowledge? | Yes                    | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 6. Any Suggestion :                               | <u>NO. Suggestion.</u> |                                     |    |                                     |

Name of Student : Tarishka . R . Sangale Signature : TSangale



### ACTIVITY FEEDBACK FORM

Activity Title: Industrial Visit at Nashik Engineering Date: 02/03/2022  
Cluster

Organized by: Artificial Intelligence & Data Science Venue: C-10, MIDC, Ambad  
Nashik - 422010

Performance/Attributes	Excellent (5)	Good (4)	Satisfactory (3)	Average (1)
Activity was delivered as planned	✓			
Activity was well structured and coverage of topics was proper		✓		
Activity objectives were clearly presented		✓		
Activity objectives were attained		✓		
Whether sufficient time was available for question & answer session?	✓			
Did this activity improve your knowledge about the topics covered?	✓			
The level of interest & motivation kept alive		✓		
Was the resource person friendly & willing to answer questions?		✓		
Quality of Audio Visual Aids and Venue		✓		
Overall impact of the activity		✓		

Relevance to POS / PSOs, if any: PO1, PO2, PO4, PO5, PO11, PO12, PO13

Suggestion or Comments to improve the similar activities:

-----  
-----

*Khairnar*

Name and sign. of the participant  
Vaishnavi Sanjay Khairnar

Pratham mahendra  
mahajan.