



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/NAE/Engg/152/2009 Ref No. CA/801 Dated: 18/11/2009)

Approved by > AICTE, New Delhi (F.N. 06/ST/MS-Engg/2008/IO-17, Dated: 11th June 2009)

> Govt. of Maharashtra (No. DEC-2009/ST/MS/Engg-4, Dated: 15th June 2009)

> D.T.E., M.S., Mumbai (No. 2/MCO/Engg./Approval/2009/535, Dated: 23rd July 2009)

> AISHE CODE : C-42195



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

Dr. Sahabrao B. Bagal
M.E. & TOL, Ph.D. & STC
Principal

Ref: KCT's/LGNSCOE/2022-23

Date: Aug - 17, 2022

MEMORANDUM OF UNDERSTANDING

We the "Kimaya Steel" Nashik & Department of Civil Engineering from KCT's Late G. N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nashik, Maharashtra hereby signing the MoU with the following terms and conditions.

Objectives of the Collaboration:-

1. To provide employable skills to the students of Department of Civil Engineering Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri, Trimbak Road, Nashik.
2. To make the students aware of the latest construction steel design and techniques in order to keep them industry ready at the end of their course.
3. To plan and utilize resources like staff and infrastructure for Industry based joint consultancy work.
4. To conduct entrepreneurship development program for staff and students of Department of Civil Engineering Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nasik.
5. To arrange industrial training program on various trends and technologies for the staff and student of Department of Civil Engineering Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nasik.
6. To conduct expert lectures and workshops to the faculty of either side on state of the art technology.
7. Developing and contributing in curriculum development of Department of Civil, Engineering Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nasik.
8. Outsourcing consultancy project to the college in the areas of mutual interest on mutually decided commercial terms.

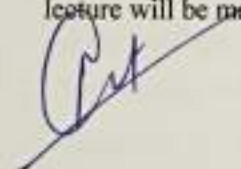


- **CAMPUS** : Sapkal Knowledge Hub, Kalyani Hills, Anjaneri-Wadhol, Trimbakeshwar Road, Nashik - 422 213. (India)
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252099 | Toll Free No.: 1800 233 2099 | E-mail: gns_engineering@sapkalknowledgehub.org
- **CORPORATE OFFICE** : Sapkal Knowledge Hub, 'Parag' 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, 1st Floor, Shrutwade Tower Shopping Centre, Dr. Poddharnwala Road, Near R.T.O. Office, Wank, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | E-mail: cmc@sapkalknowledgehub.org, ravi.sapkal@gmail.com

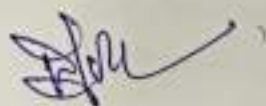
9. Assign and Allot the project work to students of Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nashik, Maharashtra final year student, which are industry need based.
10. Sponsoring the technical event/symposiums conducted at Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nashik, Maharashtra.
11. Allowing Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nashik, Maharashtra staff and student for training.
12. To provide training and sharing the expert knowledge to develop various laboratories for the department of Civil of Late G.N. Sapkal College of Engineering, Kalyani Hills, Anjaneri Trimbak Road, Nashik, Maharashtra.
13. The undersigned MoU will be valid for 3 Academic years i.e.2022-23, 2023-24, 2024-25.

Terms and condition

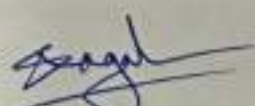
1. Allowing the activity shall be planned and arranged at the discretion and with the prior consent of both parties.
2. Both the parties reserve the discretion of deciding their area of interest. This understanding between the two parties is non-exclusive.
3. Either party may terminate this agreement with a notice of 60 days to other party.
4. The MoU may be reviewed at the end of 3 Years from the date of signing.
5. The infrastructural arrangement for conducting training program workshop and guest lecture will be made by the host organization at the time of event.



Mr. Chetan Lomate
CEO
Kimaya Steel, Nashik
Mob- +919922503178
kimayasteel@gmail.com

Prof. (Dr.) D.P. Joshi
H.O.D Civil
LGNSCOE



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





Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering
KALYANI HILLS, ANJANERI, TIRIMBAKESHWAR ROAD, NASHIK - 422 213



Ref. No.: KCT's/LGNSCOE/Civil/2024-25/

Date: 08/10/2024

To,
The Principal,
LGNS College of Engineering,
Anjaneri, Nashik - 422 213.

Subject: Request to arrange academic site visit for TE civil engineering students.

Respected Sir,


With reference to the aforementioned subject, Civil Engineering Student Association (CESA) of Civil Engineering in association with IQAC of Late G. N. Sapkal College of Engineering would like to arrange academic site visit for TE civil engineering students.

We hereby request you to kindly give permission for the same.


Thanking you.

Yours faithfully,


Prof. K. M. Deore
Faculty Coordinator
(CESA and Visit)


Prof. Dr. K. A. Salunke
Head of the Department
(Civil Engineering)

Permitted with all required formalities


08/10/2024



Ref. No.: KCT's/LGNSCOE/Civil/2024-25/

Date: 15/10/2024

Department of Civil Engineering
NOTICE
(Academic Site Visit)

This is to inform all third year civil engineering students that the Department of Civil Engineering and Civil Engineering Students Association (CESA) in association of IQAC of Late G N Sapkal College of Engineering, Nashik, has been arranged industrial site visit to **Kimaya Steel, Manori, Dhakambe-Ashewadi link Road, Dindori Road (Nashik) 422004** on 17/10/2024 from 02:00 PM to 05:00 PM.

The purpose of this visit is to expose students to the real-world applications of the concepts they have learned in the classroom. Students will have the opportunity to see how civil engineering projects are planned, designed, and constructed.


All students are required to attend this visit. Students should reach the venue by their own vehicle. Students are advised to wear college uniform, bring ID card and comfortable shoes, as they will be required to walk around the workshop. Students should also bring a hat and sunscreen to protect them-selves from the sun.

Additional Notes:

- * Students are required to sign an indemnity form before the visit.
- * Students are prohibited from taking any photos or videos on the workshop without prior permission.
- * Students must follow all safety instructions given by the workshop engineer.
- * Students are responsible for their own personal belongings during the visit.

We look forward to seeing you on the visit!


Prof. K. M. Deore
Visit Coordinator


Prof. (Dr.) Ketan A. Salunke
HoD Civil Engineering



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> D.T.E., M.S., Mumbai (No 2/NGC/Engg/Approval/2009/535, Dated - 23rd July 2009)
> AISHE CODE - C-42136



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

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

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

Date: Oct. 14, 2024

To,

The Director, *Kimaya Steel*,
Dhakambe, Ashewadi Link Road,
Manori, Nashik - 422 004.

Subject: Help for academic site visit.

Respected Sir,

We would like to introduce ourselves as an emerging organization in Nashik district. We are affiliated to Savitribai Phule Pune University and we offer six engineering courses viz. Bachelors in Civil Engineering, AIDS Engineering Computer Engineering, Electronics and Telecommunication, Mechanical Engineering and Electrical Engineering.

In the third year of Civil Engineering of Savitribai Phule Pune University, there is a subject Design of Steel Structures. This is a very important subject in Civil Engineering and Different steel structures are studied in this subject like welded connection, bolted connection, beam design, column design, base plate design, roof truss design, gantry girder, plate girder etc.

For that we need to visit some industrial sites, and for that the students will get all this in your company, so we humbly request you to give us an opportunity to study in your company.

Kindly allow us on *17th of October 2024* for the site visit at your company. A total of *40 students* will come for the visit and *3 professors* will accompany the students to maintain discipline and safety.

We hope that you will give us full cooperation and guide the aspiring and ambitious civil engineering students.

Details of Visit Coordinators:

Prof. K. M. Deore, 7249739924

Prof. T. R. Shinde, 8975679390

Thanking You.

Yours Sincerely,

Prof. Dr. K. A. Salunke

HoD, Department of Civil Engineering



Prof. Dr. S. B. Bagal

Principal, LGNSCOE, Nashik

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Activity Report

Particulars	Description
Department	Civil Engineering
Activity	Academic Site Visit
Activity level	Department level
Title	Academic Site Visit to Kimaya Steel, Dindori Road, Nashik.
Organized by	Department of Civil Engineering and Civil Engineering Students Association (CESA) in association with IQAC of LGNSCOE,
Venue	Kimaya Steel, Manori, Dhakambe-Ashewadi link Road, Dindori Road (Nashik) 422004
Date	October 17, 2024
Time	10:00 PM to 05:00 PM
Objectives of the activity	<ol style="list-style-type: none"> 1. This course is designed to provide understanding of IS code provisions, fundamentals of structural steel design and its applications for design of various components. 2. Students should be able to understand components of steel structures and its arrangements 3. Student should be able to design beams, columns, column footings, roof trusses, gantry girder and plate girders
Outcomes of activity	<p>1. Understanding IS Code Provisions and Structural Steel Design Students demonstrated a solid understanding of the relevant IS code provisions related to structural steel design. They were able to identify and explain key guidelines that govern the design and safety of steel structures. This knowledge will enable them to apply these standards in their academic projects and future professional work, ensuring compliance with industry regulations.</p> <p>2. Knowledge of Steel Structure Components and Arrangements The visit enhanced students' familiarity with the various components of steel structures, such as beams, columns, trusses, and connections. They gained practical insights into how these components are arranged and integrated within a structure. Many students expressed increased confidence in visualizing and conceptualizing structural designs, which will aid in their future design coursework.</p> <p>3. Practical Design Skills for Steel Components Students acquired the foundational skills necessary to design key elements of steel structures, including beams, columns, column footings, roof trusses,</p>



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

Particulars	Description
	gantry girders, and plate girders. Through discussions and observations during the visit, they learned to consider factors such as load conditions, material properties, and structural stability in their designs. This practical knowledge will be invaluable as they progress in their engineering studies and take on more complex design challenges.
Targeted Participants	43
Total no. of Participants & % of students	43 (100 %)
Speaker	Mr. Sagar Sonar, Production Engineer Mr. Omkar Dabale, Quality Engineer Mr. Amol Kulkarni, HR Manager, 9011556516
Content of the activity	Academic site visit of Design of Steel Structures
Relevance to COs	<p>CO 01 Demonstrate knowledge about the types of steel structures, steel code provisions and design of the adequate steel section subjected to tensile force.</p> <p>CO 02 Determine the adequate steel section subjected to compression load and design of built up columns along with lacing and battening.</p> <p>CO 03 Design eccentrically loaded column for section strength and column bases for axial load and uniaxial bending.</p> <p>CO 04 Design of laterally restrained and unrestrained beam with and without flange plate using rolled steel section.</p> <p>CO 05 Analyze the industrial truss for dead, live and wind load and design of gantry girder for moving load.</p> <p>CO 06 Understand the role of components of welded plate girder and design cross section for welded plate girder including stiffeners and its connections.</p>
Relevance to POs	<p>PO 01 Apply the knowledge of mathematics, science and civil engineering fundamentals for solving complex engineering problems.</p> <p>PO 05 Create, select, and apply appropriate techniques, resources, and modern civil engineering tools including prediction and modeling to complex civil engineering activities with an understanding of the constraints.</p> <p>PO 08 Apply ethical principles and commit to professional ethics, responsibilities and norms of the civil engineering practice.</p> <p>PO 09 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</p>




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Particulars	Description
	PO 11 Demonstrate knowledge and understanding of management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
Relevance to PSOs	PSO Analyze and design various civil engineering structures and roads.
Methodology used	Field visit
Brief Description of the activity	<p>Visit Details</p> <p>On 17th October 2023, the third-year civil engineering students of Late G. N. Sapkal College of Engineering embarked on an academic site visit to Kimaya Steel, located on Dindori Road in Nashik. This visit aimed to provide students with practical insights into steel manufacturing processes and their applications in civil engineering.</p> <p>Welcome and Introduction</p> <p>Upon arrival, the students were greeted by Mr. Chetan Lomte, the Managing Director, who provided an overview of the company's vision and operations. He emphasized the importance of quality in steel production and its relevance to civil engineering projects.</p> <p>Guided Tour</p> <p>The students were divided into smaller groups for a more engaging experience during the guided tour of the facility. The following key personnel were instrumental in guiding the students:</p> <ul style="list-style-type: none">Mr. Chetan Lomte (Managing Director)Mr. Saket Lomte (Plant Head)Mr. Vishal Godbole (Project In Charge)Mr. Amol Kulkarni (Senior HR)Mr. Sagar Sonar, Production EngineerMr. Omkar Dabale, Quality Engineer <p>Each guide provided insights into their respective areas of expertise, discussing the various stages of steel production, quality control measures, and the importance of safety protocols in the plant.</p> <p>Key Learnings</p> <p>Steel Manufacturing Process: The students observed the entire production line, from raw material handling to the final product.</p> <p>Quality Control: The importance of quality assurance was highlighted, with demonstrations of testing methods used to ensure that the steel meets industry standards.</p> <p>Applications in Civil Engineering: Discussions revolved around the various applications of steel in construction, including structural frames, reinforcements, and other critical components.</p> <p>Environmental Considerations: The company's initiatives towards sustainability and reducing the carbon footprint of steel production were also discussed, emphasizing the role of civil engineers in promoting</p>

Particulars	Description
	<p>environmentally friendly practices.</p> <p>Conclusion</p> <p>The visit to Kimaya Steel was a valuable educational experience for the students, bridging the gap between theoretical knowledge and practical application in the field of civil engineering. The insights gained from industry experts will undoubtedly enhance their understanding of steel as a fundamental material in construction.</p> <p>On successful completion of the visit, the students have understood:</p> <p>Demonstrate knowledge about the types of steel structures, steel code provisions and design of the adequate steel section subjected to tensile force.</p> <p>Determine the adequate steel section subjected to compression load and design of built up columns along with lacing and battening.</p> <p>Design eccentrically loaded column for section strength and column bases for axial load and uniaxial bending.</p> <p>Design of laterally restrained and unrestrained beam with and without flange plate using rolled steel section.</p> <p>Analyze the industrial truss for dead, live and wind load and design of gantry girder for moving load.</p> <p>Understand the role of components of welded plate girder and design cross section for welded plate girder including stiffeners and its connections.</p>
Geo- tag photos of the activity	 <p>GPS Hap Camera</p> <p>Manori, Maharashtra, India 4Q2R+P2J, Manori, Maharashtra 422003, India Lat 20.101403° Long 73.792028° 17/10/24 02:59 PM GMT +05:30</p> <p>Google</p>


Particulars	Description
	 <p>Manori, Maharashtra, India 4Q2R+P2J, Manori, Maharashtra 422003, India Lat 20.102308° Long 73.791855° 17/10/24 02:32 PM GMT +05:30</p>
	 <p>Manori, Maharashtra, India 4Q2R+P2J, Manori, Maharashtra 422003, India Lat 20.102308° Long 73.791855° 17/10/24 02:32 PM GMT +05:30</p>
	

Particulars	Description
	


Prof. K. M. Deore
Coordinator


Prof. Dr. K. A. Salunke
HoD


Prof. Dr. V. A. Kolhe
IQAC coordinator


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



Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering



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

Attendance Sheet

Activity Title: Academic Site Visit

Date: 17/10/2024

Department: TE (Civil Engineering)

Venue: Kimaya Steel,
Nashik.

Attendees

Sr. No.	Name	Department	Sign.
1)	Sanjay Santosh Khairnar	Civil	
2)	Meghana Sanjay Vasave	Civil	
3)	Sakshi Vijay Pawar	Civil	
4)	Jatin V. Vasave	Civil	
5)	Yash P. Salve	Civil	
6)	Gaurav V. Bagul	Civil	
7)	Rohit M. Girase	Civil	
8)	Shivam K. Daryan	Civil	
9)	Khairnar Abhay	Civil	
10)	Shirsath Shyam	T.E Civil	
11)	Pawar Radhika P.	Civil	
12)	Shewale Siddhi J.	CPWL	
13)	Bhangre Sakshi A.	CPWL	
14)	Kedar Danashree	CPWL	
15)	Dipak Kandalkar		



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



UNDERTAKING

I Mr./Ms. Sanjog Khairnar Son/Daughter of Santosh Khairnar
Resident of (Full address) Holaram colony Nashik and
Contact number (self) 9890775307 and (parents) 9823865280 Roll No. & Division.....

..... Presently studying in Department of Civil in Late G. N. Sapkal College of Engineering, Nashik.

My parents allow me go to Educational Visit /Tour to Kimaya steel

On 17-10-24

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: Santosh Khairnar Place: Nashik

Name & signature of Student: Sanjog Khairnar Date: 17-10-24



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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. Sakshi V. Pawar Son/Daughter of Seema V. Pawar,

Resident of (Full address) Nashik and

Contact number (self) 7262971927 and (parents) 9975878589 Roll No. & Division TE Civil

29.. Presently studying in Department of Civil in Late G. N. Sapkal College of Engineering, Nashik.

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Name & Signature of Parent: Seema V. Pawar S.V. Pawar Place: Nashik

Name & signature of Student: Sakshi V. Pawar Pawar Date: 17/10/2024



Department of Civil 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: Academic Industrial Visit

Place of Visit: Kimaya steel Dindori road

Class: - Civil (TE)

Date: - 17-10-24

Time:-

1. Is the Visit applicable to relevant field: - Agree ☒ Disagree ☐
2. Is visit programme well placed within time: - Agree ☒ Disagree ☐
3. The Instructor was familiar to topic: - Agree ☒ Disagree ☐
4. Is time allotted for visit sufficient? Too short ☐ Right ☒ Too long ☐
5. Did the visit add any value in your knowledge? Yes ☒ No ☐
6. Any suggestion? —

Name of Student:- Khairnar Sanjay Santosh

Sign:- [Signature]