

**KLS Vishwanathrao Deshpande Institute of Technology**

**Mechanical Engineering Development**

## **Industrial Visit Report**

### **Visit to SANVI NDT & Engineering Tarihal, Hubballi**

**Department:** Mechanical Engineering

**Semester:** 4th Semester

**No. of students visited:** 41

**Date of Visit:** 23/05/2026

**Place of Visit:** Tarihal, Hubballi

The 4th semester students of the Mechanical Engineering Department visited **SANVI NDT & Engineering** on **23rd May 2026** as a part of industrial exposure and practical learning initiative. The objective of the visit was to provide students with practical knowledge of Non-Destructive Testing (NDT) techniques used in modern industries for quality inspection and safety assessment of engineering components.

During the visit, the students were introduced to various NDT methods and their industrial applications. The experts at the organization explained the importance of defect detection without damaging the material or component. The students observed live demonstrations of different testing procedures, particularly **Radiographic Testing (RT)** and **Ultrasonic Testing (UT)**. The demonstration included inspection techniques, equipment handling, interpretation of test results, and safety precautions followed during testing operations.

The technical team explained how radiography is used to detect internal defects such as cracks, voids, and inclusions through X-rays or gamma rays. Similarly, ultrasonic testing methods were demonstrated to identify discontinuities using high-frequency sound waves. The students gained valuable understanding regarding testing standards, calibration procedures, and industrial quality assurance practices followed in manufacturing and maintenance sectors.

The visit provided excellent practical exposure beyond classroom learning and helped students understand the significance of NDT techniques in industries such as aerospace, automobile, power plants, fabrication, and oil & gas sectors. The interaction with industry professionals enhanced the students' technical awareness and motivated them to explore advanced inspection technologies used in modern engineering practices.

Overall, the industrial visit was highly informative and beneficial for the students in bridging the gap between theoretical concepts and industrial applications of Non-Destructive Testing.



  
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 Prof. Ranganath N Patil

  
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**KLS Vishwanathrao Deshpande Institute of Technology**

**Mechanical Engineering Development**

**Industrial Visit to SANVI NDT & Engineering Tarihal, Hubballi**

Date: 23/05/2026

Name of the industry: SANVI NDT & Engineering Tarihal, Hubballi

Beneficiaries: 41 Students of 4<sup>th</sup> semester Mechanical Engineering Department.

PO mapping:

Q. No.	PO/PSO mapped	Level	Justification
01	PO 1	3	Industrial visit gives engineering knowledge of various Non-Destructive Testing (NDT) techniques.
02	PO 2, PSO1	2	Enough scope for analysis various NDT techniques and working procedures of Radiographic Testing (RT) and Ultrasonic Testing (UT) used for defect detection in engineering materials.
03	PO 7	2	Experienced the importance of quality inspection, safety standards, and maintenance practices in NDT in the context of environmental impact and sustainability.

**Feedback questions:**

Q1: Have you understood the basic principles and industrial applications of various Non-Destructive Testing (NDT) techniques?

Q2: Can you analyze the working procedures of Radiographic Testing (RT) and Ultrasonic Testing (UT) used for defect detection in engineering materials?

Q3: Can you recognize the importance of quality inspection, safety standards, and maintenance practices in modern engineering industries through practical exposure?

**Post event**

**Feedback summary (In the scale of 3):**


Q no.1	Q no.2	Q no.3
2.44	2.44	2.48

**PO attainment:**

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2.45	1.64					1.64						1.64	

  
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Prof. Ranganath N Patil

  
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# KLS Vishwanathrao Deshpande Institute of Technology.

(Accredited by NAAC with "A" Grade)

(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognized Under Section 2(f) by UGC, New Delhi)

## Mechanical Engineering Department

Industrial Visit: Sanvi NDT and Engineering, Tarihal, Hubballi

Date: 16/05/2026.

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### Attendance sheet

List of the students: 4<sup>th</sup> semester:

Sl.No	USN	NAME OF THE STUDENT	Signature	Sl.No.	USN	NAME OF THE STUDENT	Signature
1	2VD24ME002	ANUSHA GALATAGI		21	2VD25ME400	ABHINANDAN TORASKAR	
2	2VD24ME003	ATIF AHMED SHAIKH		22	2VD25ME401	ABHISHEK SUNKANNAVAR	
3	2VD24ME004	BASAVARAJ		23	2VD25ME402	ADARSH DHARWAD	
4	2VD24ME005	<del>MOHANNANAVAR</del> BASAVARAJ PATROT		24	2VD25ME403	BHUSHAN DHANAYAT	
5	2VD24ME006	BHARAT BADIGER		25	2VD25ME404	CHETAN MIRASHI	
6	2VD24ME007	CHETAN TIGADI		26	2VD25ME405	GURUPADAGOUDA PATIL	
7	2VD24ME009	HARDIK KOTUR		27	2VD25ME406	HANUMANT SHIRODKAR	
8	2VD24ME011	KARTHIK GAVAS		28	2VD25ME407	JAYANTH	
9	2VD24ME013	KEERTANA NAGARADDI		29	2VD25ME408	KARTIK MATHAPATI	
10	2VD24ME014	KENCHAPPA SANADI		30	2VD25ME409	KARTIK ACHARI	
11	2VD24ME016	MANJU MALAGI		31	2VD25ME410	KRISHNA SAMBREKAR	
12	2VD24ME019	MOHAMMED		32	2VD25ME411	LAXMAN DESAI	
13	2VD24ME022	<del>NAIKWADI</del> NISHA BIDROLKAR		33	2VD25ME412	LINGARAJ HEDIYAL	
14	2VD24ME023	PANDURANG KADAM		34	2VD25ME413	MAHANTESH MITHARE	
15	2VD24ME025	PRAJWAL PATIL		35	2VD25ME414	MAHESH HUGAR	
16	2VD24ME026	PRATHVI		36	2VD25ME415	MANOJ KALAGHATAKAR	
17	2VD24ME033	<del>VARAKATAKAR</del> SHREYAS MAGADUM		37	2VD25ME417	MOHAMMEDHUJAIFA	
18	2VD24ME034	SRUSHTI BETASUR		38	2VD25ME416	MOHAMMED MUJAWAR	
19	2VD24ME036	TEJASWINI		39	2VD25ME418	NIKHIL BIRJE	
20	2VD24ME037	<del>SHETANGUDAR</del> VARUN P		40	2VD25ME419	PRADEEPKUMAR SUNAGAR	

41	2VD25ME420	PRAJWAL HUGAR	
42	2VD25ME421	PRASANN GAVADE	<i>R</i>
43	2VD25ME422	PUNEET POOJARI	<i>Puneet</i>
44	2VD25ME423	RAJESH DHABALI	
45	2VD25ME424	SAHIL NAVALAGI	<i>Sahil</i>
46	2VD25ME425	SAINATH DESAI	<i>SD</i>
47	2VD25ME426	SANGAMESH B	
48	2VD25ME427	<del>BIRADAB</del> SANKALP KAMABAR	
49	2VD25ME428	SHRIDHAR DESAI	
50	2VD25ME429	VISHAL GOUDA	<i>Vishal</i>
51	2VD24ME028	RYAN BORGES	<i>Ryan</i>
52	2VD24ME035	SURAJ KAMBREKAR	<i>Suraj</i>
53	2VD24ME021	NANDHAKUMAR CHITTI	
54	2VD24ME027	RAVI ADIN	<i>Ravi</i>
55	2VD24ME020	MOHAMMAD	
56	2VD24ME031	<del>MUKAVAR</del> SHANKAR GOUDA	<i>Shankar</i>

Staff Coordinators  
Prof. R N Patil