

DATTAKALA GROUP OF INSTITUTIONS
FACULTY OF ENGINEERING

[NAAC Accredited & ISO Certified]

Approved by AICTE - New Delhi, DTE - Mumbai, Recognized by Govt. of Maharashtra

Affiliated to Savitribai Phule Pune University, Pune and M.S.B. U.E., Mumbai

[DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576]

Mrs. Maya Zol
Secretary

Prof. Ramdas M. Zol
Founder - President

DGOT/2025-26/153

Date: 09/10/2025

To,

M.D.

Hira Engineering Works And NDT Services

G-339, MIDC, Baramati-413102

Pune.

Subject: Regarding permission for the visit of Mechanical engineering students.....

Dear Sir/Madam,

We, the Dattakala Shikshan Sanstha's, are providing technical education in rural areas through our Dattakala Group of Institutions. We are currently running Engineering PG, Degree, Diploma, MBA and MCA programs affiliated to Savitribai Phule Pune University of Pune and approved by AICTE, New Delhi.

To fulfill the requirements of curriculum and to enhance the practical knowledge of our students, we wish to arrange the industrial visit for SE & TE Degree Mechanical Engineering students to get the knowledge of NDT tests..

The number of students will be 25 along with 02 faculty members.

We kindly request you to grant us the permission to visit your plant.

Thanking you.

Hira Engg Works & NDT Services

Proprietor

Yours Sincerely,



22

G-339, MIDC, Baramati-413102

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MECHANICAL ENGINEERING DEPARTMENT

VISIT REPORT 2025-26

DATE	14 October 2025
DAY	Tuesday
VENUE	G-339,MIDC Baramati-413102
NAME OF INDUSTRY	Hira Engineering Works & NDT Services.
TIME	10:00 Am Onwards
ORGANISED BY	Mechanical Engineering Department
CLASSES INVOLVED	SE Mechanical Engineering
FACULTIES INVOLVED	Mr. Jagtap V. S.

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➤ **Date of visit:** 14.10.2025

- On 14th October 2025 our department has organized a one day visit
- A team of 22 students with 01 faculty members have taken part in this visit.

➤ **Objectives of the visit:**

- To understand the working environment of an engineering firm.
- To gain practical insights into Non-Destructive Testing (NDT) techniques
- To interact with professionals and learn about industry expectations

➤ **About the industry:**

- Hira Engineering Works & NDT Services was started in 2017.
- Owner of this company is Mr. Rishikesh Shinde.

➤ **Information About Visit:**

Firstly the students have visited the moulding section. Here the production of chilled parts of the pumps takes place. Then the students have observed the heat treatment processes. The heat treatment machine can take inside the moulding parts to the moulding box, then the heat treatment process will start. Here the temperature upto 9400c is maintained and after cooling for 3-4 Hr final moulding part is taken out.

There are also various tests are carried out on the molded parts such as radiography, spectrometer to determine the percentage of carbon present in sample, also check the moisture content in the sample. There the students also given the information about radiographic process, shot blasting machine to check the impurities for the sample.

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➤ Some of the photos of visit are below:



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➤ Conclusion:

In our visit we have seen casting process, heat treatment process, cooling tower, universal testing machine, brinell hardness tester, spectrometer, radiography and short blasting machine. This will helpful the students in practical knowledge and visit completed successfully.


Visit Co-ordinator


H.O.D.
Mechanical Dept.
Dattakala Group of Institutions,
Savitribai Phule Pune University,
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Phone: 413130

Director

