Sandip Foundation's
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Accredited with "A" grade by NAAC With CGPA Score of 3.11

Department of Mechanical Engineering

Report of VALUE ADDED PROGRAM ON "BLUE PRINT READING"

1. Event Title: Value Added Program on "Blue Print Reading"

2. Event Date: 25th Jan – 22nd Feb. 2024

3. Event Conduction Duration: 32 Hours

4. Event Venue: Mechanical Seminar Hall and Classrooms of. Mechanical Engg. Department, SITRC

5. Event Resource Person Details: Dr. J N Yadav and Prof. Y R Falak

6. Event Objectives & Outcomes

Objectives of Activity:

1. To understand requirements of industrial drawings
2. To apply various geometric and dimension tolerances based on type of fit

Outcomes of Activity:

On completion of the course, students will be able:

1. To **SELECT** appropriate IS and ASME standards for drawing
2. To **APPLY** geometric and dimensional tolerance, surface finish symbols in Drawing.

7. Event Details & Photos

The Value Added Program organized by Mechanical Engineering Department of Sandip institute of technology and research Centre on "Blue Print Reading "for SE Mechanical students from 25th Jan to 22nd Feb.2024.

Blueprint reading is a crucial skill in various industries, particularly in construction, manufacturing, engineering, and architecture. It involves interpreting and understanding technical drawings, diagrams, and plans, which serve as the visual representations of projects or products. Here's an event description for a blueprint reading VAP.

VAP Highlights:

- **Fundamentals of Blueprint Reading:** Learn the basics of blueprint interpretation, including understanding lines, symbols, dimensions, and annotations commonly found in technical drawings.
- **Types of Blueprints:** Explore various types of blueprints, such as architectural, engineering, mechanical, and understand the specific conventions and symbols used in each.
- **Dimensioning and Scaling:** Gain proficiency in reading and interpreting dimensions, scales, and measurements on blueprints to accurately assess sizes and proportions.
- **Advanced Concepts:** Delve into advanced topics, including geometric dimensioning and tolerancing (GD&T), sectional views, assembly drawings, and specialized symbols.
- **Real-world Applications:** Apply blueprint reading skills to practical scenarios and industry-specific projects through hands-on exercises and case studies.
- **Troubleshooting and Problem-solving:** Develop strategies for identifying errors, discrepancies, and inconsistencies in blueprints and learn techniques for troubleshooting and problem-solving.
- **Interactive Sessions:** Engage in interactive discussions and Q&A sessions with coordinators gaining insights and best practices for effective blueprint interpretation.

This value added program was conducted at Mechanical Seminar hall and in classrooms at Mechanical Department of SITRC during 25th Jan and 22 Feb.2024 from morning 10:00AM to 05:00PM in working day which covers 32 hrs.

Photograph of VALUE ADDED PROGRAM ON "Blue Print Reading"

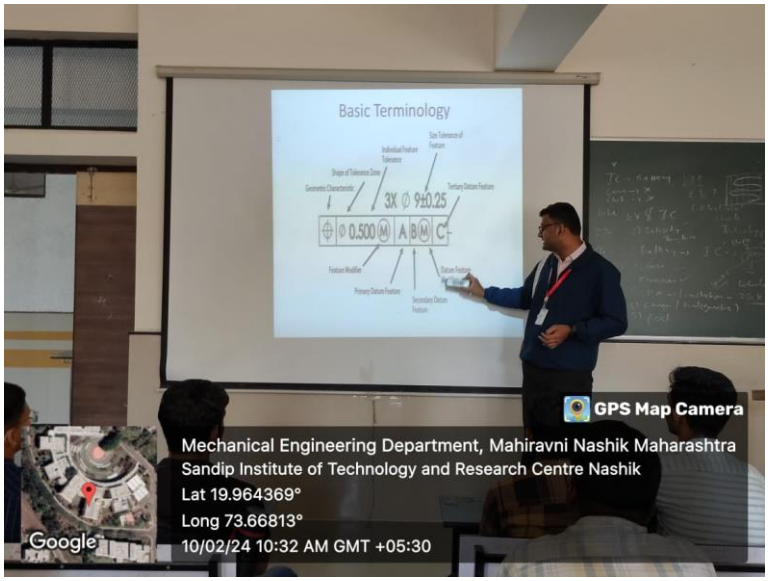

Photo 1- Basic terminology in Blue Print Reading in VAP

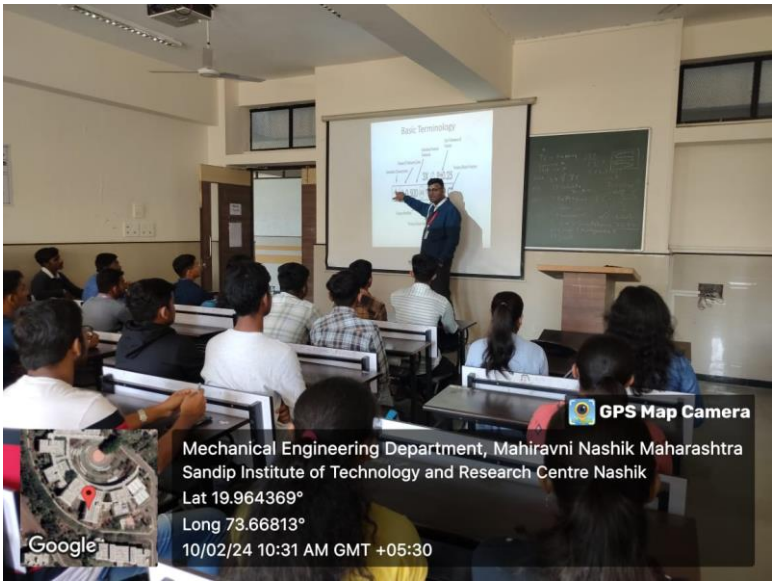

Photo2 - Students Understands Basic terminology in Blue Print Reading

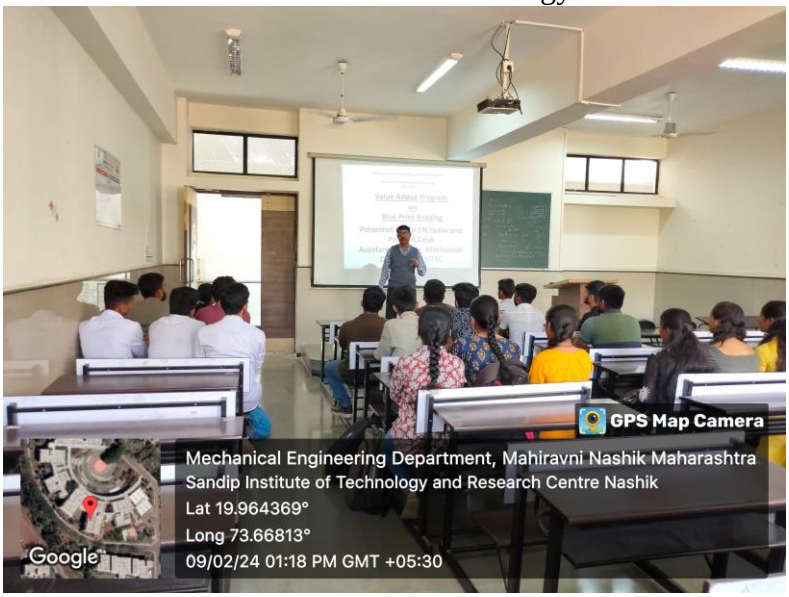

Photo 3 – Prof. J N Yadav Delivering Session in Blue Print Reading VAP

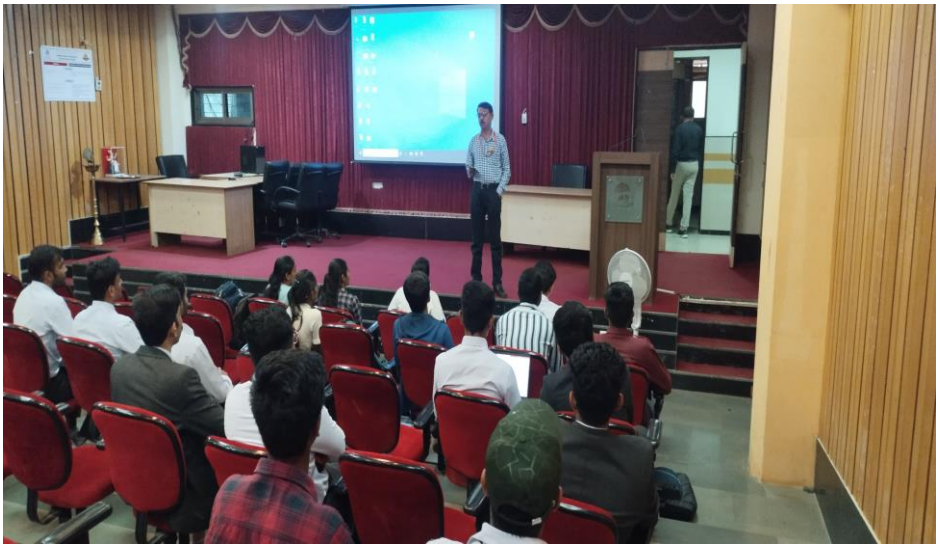

Photo 4 – Prof. J N Yadav Delivering Session in Blue Print Reading VAP

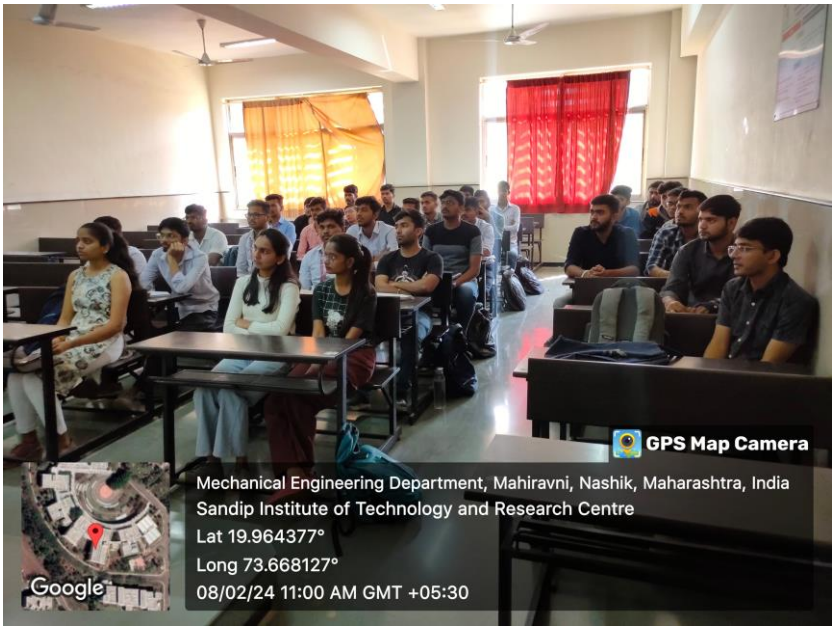

Photo 5 – Students Attending Blue Print Reading VAP

EVENTCOORDINATORS **HOD** **PRINCIPAL**

Sandip Institute of Technology & Research Centre SITRC Mahiravani, Nashik