



D. Y. Patil Technical Campus, Talsande

Department of “Electrical Engineering”

GUEST LECTURE REPORT

On

"Measurement of Power & Power Factor"

Resource Person:

[Mr. A D Patil]

[Student Alumni]

Academic Year: 2025–26

Month: [July 2025]

1. Title of the Lecture:

Measurement of Power and Power Factor

2. Resource Person:

Mr. A. D. Patil

3. Designation & Organization:

Student Alumni

4. Date of Lecture:

10/07/2025

5. Mode of Lecture:

Offline

6. Target Audience:

Second Year Electrical Students

7. Number of Participants:

45

8. Objective of the Guest Lecture:

To get the ideas regarding powers and power factor measurement of AC circuits and effect on output of the circuits

9. Summary of the Session:

This session covered the fundamental principles, instruments, and methodologies for measuring active power, reactive power, apparent power, and the power factor in both single-phase and three-phase AC circuits. Key takeaways include the use of electro-dynamometer wattmeters, the two-wattmeter method for 3-phase power, and techniques to correct low power factor.

10. Feedback from Participants:

They got the ideas regarding how to measure the power of AC Circuits with help of Wattmeter

11. Photos:



12. Prepared By:

Mr. A. V Khamkar (Lecturer)

13. Verified By:

[Mrs. S. S. Patil]

Head of Department

Signature