

Dr. D. Y. Patil Unitech Society's
Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

Title of Activity: Experiential learning

Date & Day: Thursday, January 30, 2025

Type of Activity: Experiential learning on windings used in Induction motor (For TE students)

Venue: Electrical Machines lab

Session conducted by with Designation: Mrs. Rutuja Warbhe

Objectives:

- To understand the Fundamentals of Induction Motor Windings
- To develop Hands-on Skills in Winding Construction
- To analyze Winding Configurations and Their Effects
- To bridge the Gap Between Theory and Industry Practices Promoting Critical Thinking

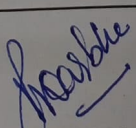
No. of students attendee: 28

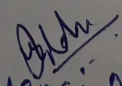
Summary of the event: This activity provided hands-on exposure to the construction, configuration, and analysis of windings in induction motors. Students engaged in practical exercises to understand the role of windings in motor operation and efficiency. Students discussed stator and rotor windings, their functions, and different winding types (lap, wave, distributed, concentric, etc.). This activity successfully blended theory, practice, and real-world insights, enhancing students' understanding of motor windings and their role in electrical engineering.

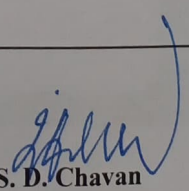
Outcome:

Overall, From the activity, students were able to

- Gain practical skills in winding techniques.
- Understood the impact of winding configurations on motor performance.
- Learn to use testing tools for motor diagnostics.
- Developed problem-solving and critical thinking skills in electrical engineering applications.


Mrs. Rutuja Warbhe
Subject Teacher


(Dr. Mansi Desai)
DAC


Dr. S. D. Chavan
HOD

DYP DPU

Dr. D. Y. Patil Unitech Society's
Dr. D. Y. Patil Institute of Technology, Pimpri, Pune



165/99/Q, Ajmera, Pimpri
Colony, Pimpri Chinchwad,
Pimpri-Chinchwad, Maha...

Latitude: 18.63063
Longitude: 73.81396

30/01/25 - 3:27 PM

Experiential Learning Activity