

Department of Electrical Engineering

Activity: "Innovative Teaching Learning Pedagogy"

Date & Day: 19/10/2024, Saturday

Activity Name: Flip Classroom: Magnetic Behavior and Material Classification

Subject: Material Science (203142)

Venue: Pune Expo Exhibition

Activity conducted by: Pankaj Kumar

Objectives:

- To foster active learning through pre-class video lectures and in-class peer discussions.
- To enhance communication and collaboration skills.
- To reinforce understanding of magnetism and its engineering applications.

Photographs:



Outcome:

- Students engaged actively in explaining magnetic concepts to peers.
- Improved comprehension of ferromagnetism and ferrites.

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- Enabled knowledge sharing, critical thinking, and teamwork.

Mapping of Pedagogy with POs and PSOs :

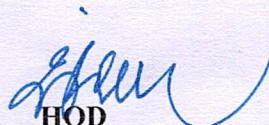
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Po11	PO12	PSO1	PSO2	PSO3
1	1							1	1			1	1	

Mapping of POs and PSOs with Justification:

POs and PSOs Mapped	Justification
PO1	Reviewed and applied fundamentals in magnetism.
PO2	Analyzed and discussed properties of magnetic materials
PO9	Participated in group-based peer learning activities.
PO10	Communicated technical topics confidently.
PSO1	Strengthened understanding of electrical materials and their real-world applications.
PSO2	Improved analytical skills relevant to electrical engineering components.


Course Coordinator


DAC


HOD

