ROEVER ENGINEERING COLLEGE
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Inclusion under section 2 (f) and 12 (B) of the UGC act 1956
ELAMBALUR, PERAMBALUR – 621220

HANS ROEVER

Department of Electrical and Electronics Engineering

Instructional Delivery Methods

Academic Year: 2024-2025 (Odd)

Name of the Faculty: Mrs.K.Sree Varshini

Sub code/Title: EE3301 Electromagnetic Field

Clas/Sem/Department: II/III/EEE

Type of Instructional Delivery Method: Technical Quiz

Objectives of the Initiative:

1. Foster active learning of technical concepts.
2. Assess students' technical knowledge effectively.
3. Enhance critical and analytical thinking skills.
4. Encourage teamwork and collaboration.
5. Build confidence and real-world readiness.

S. No	Description	Course Outcomes
1	**Maxwell's Equations**: Understanding their derivation, significance, and applications in real-world scenarios.	CO1
2	**Electromagnetic Wave Propagation**: Exploring how waves travel through different media, including vacuum, air, and conductors.	CO2
3	**Applications of Electromagnetic Fields**: Discussing their role in technologies like wireless communication, medical imaging, and radar systems.	CO3
4	**Electrostatics and Magnetostatics**: Investigating the behavior of static electric and magnetic fields and their practical implications.	CO4
5	**Transmission Lines and Waveguides:** Analyzing their design and use in communication systems.	CO5

Outcomes of Initiative:

1. Enhanced Conceptual Understanding
2. Improved Problem-Solving Skills
3. Increased Engagement
4. Development of Communication Skills
5. Cultural and Social Benefits

Photos:

Course Incharge

HOD/EEE