GENERAL SESSION

Pioneering the Future: AI and Technological Advancements in Electricity Metering

This course introduces foundational principles of electricity and magnetism. Students will study electric charge, current, voltage, resistance, and power, as well as magnetic fields, and electromagnetic induction. A key component of this course is an introduction to DC circuit analysis, including Ohm’s Law, series and parallel circuits, and Kirchhoff’s Laws. The course lays a technical foundation for future studies in AC systems. Through a combination of conceptual theory and problem-solving, students will gain a basic understanding of circuit analysis and electromagnetism.