

TS EAMCET 2025 Current Electricity Topics List

Chapter	Topics
Current Electricity	Introduction
	Electric Current
	Electric Currents in Conductors
	Ohm's Law
	Drift of Electrons and the Origin of Resistivity
	Mobility
	Limitations of Ohm's Law
	Resistivity of various Materials
	Temperature Dependence of Resistivity
	Electrical Energy
	Power
	Combination of Resistors — Series and Parallel
	Cells
	emf
	Internal Resistance
	Cells in Series and in Parallel
	Kirchhoff's Laws
	Wheatstone Bridge
Meter Bridge	
Potentiometer	