



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35

Accredited by NBA-AICTE and Accredited by NAAC – UGC with A++ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



23EET103 / ELECTRIC CIRCUITS AND ELECTRON DEVICES

UNIT 3- ELECTRICAL WIRING AND SAFTY

General Rules

Basic Wiring Methods

- ▶ Cleat Wiring. Here, PVC insulated cables are used.
- ▶ Casing and Capping Wiring. The cable runs through a wood casing that has parallel grooves that appear at regular intervals along it.
- ▶ Batten Wiring. Batten wiring is one of the basic wiring methods that is used today.
- ▶ Conduit Wiring.



Wiring Methods and Materials

Paralleled Installations

Sealing

Exit Enclosures (Stair Towers)

Power Monitoring or Energy Management Equipment

Physical Damage and Severe Physical Damage



Electrical safety important.

- ▶ Electrical safety is important because hazards such as arc flash and shock can result in death if you are exposed to them. Fortunately, the likelihood of this occurring is relatively low. However, the control measures that prevent these hazards require careful management, attention to detail and technical competence.



The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

THANK YOU