



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### UNIT -2

#### **19EEE302 – ELECTRICAL SAFETY ENGINEERING**

#### **16 -MARK QUESTIONS**

1. Summarise the purpose of using earthed screens in Substations.
2. Explain the needs for specify in minimum creepage distance for insulators. Why does it depend on pollution level?
3. Give five case studies of accidents at construction sites of a power station. State the causes and prevention.
4. State the root causes of accidents at construction sites.
5. Explain the terms Ground clearance, work section, safety clearance.
6. Illustrate about the safety organization at construction site of an electrical plant.
7. State the possible causes of accidents during various phases of project construction.
8. Outline the risks during installation of electrical plant and equipment and how to overcome it.
9. Illustrate about the personal protective equipments used for erection personnel and explain it.
10. Justify and explain the safety aspects during installation, field quality and safety during erection.
11. Summarise the preliminary preparations, preconditions for start of installation work in an industry.