



You are a member of electrical engineering staff tasked to write a formal technical report for any selected engineering topic related to Electrical Engineering.

The marking can be organized as

Writing Skills : 4pts

Verbal Presentation skills : 4pts

Content : 4 pts

Organization : 4 pts

Data presentation : 4 pts

Here are ten technical report topics suitable for students in electrical engineering:

1. Types of bipolar transistors
2. Design common emitter configuration.
3. Doping in semiconductor materials.
4. The voltage divider biasing of bipolar transistors
5. Improving power factor of RLC circuits.
6. Conductors and insulators in electrical devices
7. Optimization the dissipated power in electrical circuits
8. Improving the voltage and current supplies for electrical circuits.
9. Ohm's law for magnetic circuits.
10. Metric parameters of series resonant circuit

Rate of ability to solve this problem with a range of audiences (out of 4.0)