



Government Girls' Polytechnic, Bilaspur

Name of the Lab: **Electronics Lab**

Practical: **Power Electronics Lab**

Class : **4th Semester (ET&T)**

Teachers Assessment:10 End Semester Examination:50

List of Experiments

1. Performance of Thyristor, TRIAC & DIAC.
2. Frequency calculation of pulse in UJT relaxation oscillator.
3. Application of TRIAC in AC load control.
4. Performance of IGBT & GTO.
5. Study of Relaxation oscillator circuit using PUT.
6. Design of snubber circuit.
7. Study of SCR commutating circuits.
8. Study of Chopper circuit using SCR.
9. Study of Parallel inverter using two thyristors.
10. Study of Cycloconverter circuit using thyristors.
11. Study Time delay relay circuit using UJT and thyristor.