

**J. H. Government Post Graduate College, Betul (M.P.)**  
**460001**

**Experiment List**

**M.Sc. III Sem (General Lab A)**

1. To Determine Resistivity and Forbidden Energy Gap of Semiconductor (Ge) using Four Probe method
2. To determine Planck Constant by Spectrometer
3.  $e/m$  by Thomson method
4. To determine Planck Constant by photo diode.
5. To determine Boltzmann Constant.
6. Lattice Dynamics
7. Fourier Analysis
8. Dielectric Constant
9. Capacitance and Permittivity
10. Malus law