



Government Girls' Polytechnic, Bilaspur

Name of the Lab: **Applied Chemistry Lab**

Practical : **Applied Chemistry Lab**

Class: **1st Semester (CSE, IT, ET&T)**

Teachers Assessment: 20 End Semester Examination: 100

List of Experiments

1. Identification of two cations and two anions in a given sample of ore / powder/ mixture.
2. To determine percentage of copper in a given sample by Brass titration.
3. To determine percentage of Iron in a iron salt by redox titration.
4. Measurement of pH of different solutions.
5. To find out the hardness of water by EDTA method.
6. Proximate analysis of a sample of coal.
7. To find out the Flash point/ Fire point of dry/ non drying oils.
8. Determination of Calorific value (C.V.) of solid fuel by Bomb Calorimeter.