

**Course name: Chemistry – II (Preparatory, 2<sup>nd</sup> semester)**

Course Type	Course Code	Name of the Course	L	T	P	Credit
IC	CYP004	Chemistry II- Lab II (Preparatory, 2 <sup>nd</sup> semester)	0	0	2	2

Sl No	List of Experiments (Syllabus)
1	Safety and General information
2	Separation and detection of metal ions in group I (silver, lead and mercury)
3	Estimation of acid radicals (wet method)
4	Action of heat on certain compounds under reducing flame in charcoal block
5	Flame test of known basic radicals
6	Borax bead test
7	Test of $\text{Cu}^{+2}$ , $\text{Bi}^{+3}$ and $\text{Hg}^{+2}$
8	Special test of $\text{Cr}^{+3}$ and $\text{Mn}^{+2}$
9	Test of $\text{Fe}^{+2}$ and $\text{Fe}^{+3}$