

SARDAR PATEL UNIVERSITY

Programme: B.Sc (Chemistry)

Semester: VI

Syllabus with effect from: November/December-2013

Paper Code: US06CCHE09	Total Credit: 2
Title Of Paper: Inorganic Chemistry Practical	

	Description in detail	
	Semi-micro Inorganic Qualitative Analysis Of Mixture Containing Three Positive & Three Negative Radicals. Cd ⁺² , Cu ⁺² , Bi ⁺³ , Sb ⁺³ , Pb ⁺² , Fe ⁺² , Fe ⁺³ , Zn ⁺² , Al ⁺³ , Co ⁺² , Ni ⁺² , Mn ⁺² , Ba ⁺² , Sr ⁺² , Ca ⁺² , Mg ⁺² , NH ₄ ⁺ , K ⁺ , Cl ⁻ , Br ⁻ , I ⁻ , NO ₃ ⁻ , CO ₃ ⁻² , S ⁻² , PO ₄ ⁻³ , BO ₃ ⁻³ , SO ₄ ⁻² , CrO ₄ ⁻² , Cr ₂ O ₇ ⁻² etc.	
	Alloy Analysis Brass Alloy Bronze Alloy	
	Viva Voce	

Basic Text & Reference Books :-

- Vogel's Testbook of Quantitative Chemical Analysis, 5th Edition By G.H.Jeffery, J.Basset, J.Mendham, R.C.Denney.
- Vogel's Testbook Of Qualitative Inorganic Analysis By G.Svehla
- Practical Chemistry By O.P.Pandey, D.N.Bajpai & S.Giri
- An Advanced Course In Practical Chemistry By Ghoshal, Mahapatra & Nad

