

SARDAR PATEL UNIVERSITY
Programme: B.Sc (Environmental Science)
Semester: V
Syllabus with effect from: June 2013

Paper Code: US05CENV09	Total Credits: 2
Title Of Paper: Practical (Paper-V & VI)	

Unit	Description in detail	Weightage (%)
	Study of Analytical Instruments: pH Meter, Conductivity meter, Flame photometer, Spectrophotometer, GLC,HPLC, AAS, High volume Air sampler	100%
	Study of Mineral Resources (with the help of specimen)	
	Determination of Acidity	
	Determination of Alkalinity	
	Determination of Ca and Mg Hardness	
	Determination of Total Phosphate	
	Determination of Total Nitrogen	
	Determination of Boron	
	Determination of Aluminum	
	Determination of COD from water	
	Determination of BOD from water	
	Determination of Sodium and Potassium by Flame photometer	
	Determination of Oil and Grease	
	Analysis of Bleaching powder	
	Computation of Mean, Mode, Median, and Standard Deviation.	
	Study of non- Linear relationship.	
	Visit to Sardar Patel Renewable energy Research Institute	
	Seminar Presentation -10 Marks (for External Exam)	

