

SARDAR PATEL UNIVERSITY
Programme: BSC (BOTANY)
Semester: VI
Syllabus with effect from: November 2013

Paper Code: US06CBOT09	Total Credit: 2
Title Of Paper: Practical	

	Description in detail	Weighting (%)
1	Detection of various enzymes.	
2	To study thermo stability, proteinaceous nature and specificity of enzymes	
3	To study the effect of various factors on enzymes.	
4	Separation of chlorophyll	
5	Preparation of standard curve for estimation of proteins and determination of total proteins in plant tissue extracts.	
6	Identification test for carbohydrates and proteins.	
7	Aseptic culture and regeneration of plants from Carrot.	
8	Demonstration of FISH, DNA fingerprinting, DNA sequencing, gene gun and Ti-plasmid	
9	Visit to a biotechnology laboratory of repute.	

Basic Text & Reference Books: -----

