

SARDAR PATEL UNIVERSITY
Programme: BSC (BOTANY)
Semester: III
Syllabus with effect from: June 2012

Paper Code: US03CBOT03	Total Credit: 3
Title Of Paper: Practical	

Unit	Description in detail	Weighting (%)
1	Study of Scytonema, Gleotrichia and Ulothrix	
2	Study of Cladophora and Vaucheria	
3	Study of Chara and Polysiphonia and Sargassum	
4	Study of white rust of crucifers	
5	Study of early blight of potato	
6	Study of late blight of potato	
7	Study of Penicillium and Pezziza	
8	Study of Aspergillus and Fusarium	
9	Study of Alternaria and Colletotrichum	
10	Study of Rust of wheat	
11	Study of Tikka disease of ground nut	
12	Preparation of potato dextrose culture medium and slants	
13	Study of mitosis in onion root tips using squash preparation	
14	Study of parenchyma, chlorenchyma and aerenchyma using free hand sectioning	
15	Histochemical localization of lignin, crystals and Callose	
16	Study of collenchyma in the young stem of sunflower and localization of cellulose	
17	Study of Sclerenchyma in maceration	
18	Study of xylem cells in maceration	
19	Study of diagnostic characters of the members of Annonaceae ,Meliaceae and Rubiaceae	
20	Study of diagnostic characters of the members of Leguminosae	
21	Study of diagnostic characters of the members of Lamiaceae, Euphorbiaceae & Asteraceae	
22	Study of diagnostic characters of the members of Brassicaceae and Myrtaceae	
23	Separation of chlorophyll pigments using Paper chromatography	
24	To compare the rate of transpiration using Farmer/Ganong photometer	

Basic Text & Reference Books: -----

