

SARDAR PATEL UNIVERSITY
Programme: BSC (MICROBIOLOGY)
Semester: VI
Syllabus with effect from: January 2013

Paper Code: US06CMIC07	Total Credit: 2
Title Of Paper: Practical (Effective from: January 2013) (Revised)	

	Description in detail	Weighting (%)
1	Study of microbiocidal effect of UV rays.	
2	Isolation of antibiotic resistant mutants by grid technique.	
3	Isolation of auxotrophic mutants by grid technique.	
4	Isolation of Azotobacter.	
5	Isolation of Rhizobium.	
6	Pure culture study of E.coli, Enterobacter aerogenes, Salmonella typhi, S. typhi para-B, Proteus vulgaris, Pseudomonas aeruginosa.	
7	Study of antibiogram of salmonella typhi and determination of MIC of an effective antibiotic	

Basic Text & Reference Books: -----

