

SARDAR PATEL UNIVERSITY

Programme: B.Sc (Home Science)

Semester: IV

(Food & Nutrition)

Syllabus with effect from: November/December-2012

Paper Code:UH04CFDN07	Total Credit: 2
Title Of Paper: Food Microbiology	

	Description in detail	
1	Introduction to laboratory, demonstration of different parts of the microscope, the use and care of the microscope, including oil immersion lens and Autoclave	
2	Preparation of bacterial smears & simple staining,	
3	Differential staining- Gram staining,	
4	Metachromatic staining- lactobacilli staining.	
5	Preparation of common laboratory media for isolation and cultivation of bacteria, yeast and molds.	
6	Qualitative analysis of Milk, Methylene blue reduction test.	
7	To carry out qualitative & quantitative analysis of water	
8	To carry out qualitative and quantitative analysis of Soil and Air.	
9	To perform Hanging drop preparation	

