

SARDAR PATEL UNIVERSITY
Programme: M.Sc (Home Science)
Subject: Food Biotechnology
Semester: I
Syllabus with Effect from: June - 2013

Course Type	Course Code	Name Of Course	Theory/Practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks			
							Internal	External	Total	
							Total/Passing	Total/Passing	Total/Passing	
Core Course	PH01CHSC05	Introduction to Computers	Theory	-	-	-	50	-	S/NS	
	PH01CHSC06	Practical Based on PH01CHSC05	Practical	-	-	-	50	-	S/NS	
	PH01CFBT01	Principles & Applications of Instruments & Techniques	Theory	4	4	3	30/10	70/28	100/40	
	PH01CFBT02	Basic Biochemistry	Theory	4	4	3	30/10	70/28	100/40	
	PH01CFBT03	Cell & Molecular Biology	Theory	4	4	3	30/10	70/28	100/40	
	PH01CFBT04	Comprehensive Viva Voce		1	2	-	25/10	-	25/10	
	PH01CFBT05	Practical Based on PH01CFBT01	Practical	2	3	4	15/5	35/14	50/20	
	PH01CFBT06	Practical Based on PH01CFBT02	Practical	2	3	4	15/5	35/14	50/20	
	PH01CFBT07	Practical Based on PH01CFBT03	Practical	2	3	4	15/5	35/14	50/20	
Elective Course (Any One)	PH01EFBT01 OR PH01EFBT02	Food & Nutraceutical Chemistry* OR Food Microbiology**	Theory	4	4	3	30/10	70/28	100/40	
	PH01EFBT03 OR PH01EFBT04	Practical Based on PH01EFBT01 * OR Practical Based on PH01EFBT02**	Practical	2	3	4	15/5	35/14	50/20	
	Total				25	30	-	305	420	625

Note:

1) : C- Core course E- Elective course, S/NS –Satisfactory / Non Satisfactory

2): Student will select any One Elective from Theory & the Related Practical.

* Compulsory for students opting M. Sc FBT (Nutrigenomics)

** Compulsory for students opting M. Sc FBT (Food Designing and Quality Assurance).

