

SARDAR PATEL UNIVERSITY
Programme: M.Sc (Home Science)
Subject: Foods & Nutrition
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 | - | - | - | 50/20 | - | S/NS | |
| | PH01CHSC06 | Practical based on PH01CHSC05 | Practical | - | - | - | 50/20 | - | S/NS | |
| | PH01CFDN01 | Principles and Applications of Instruments & Techniques | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 | |
| | PH01CFDN02 | Basic Biochemistry | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 | |
| | PH01CFDN03 | Food and Nutraceutical chemistry | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 | |
| | PH01CFDN04 | Comprehensive viva voce | - | 1 | 2 | - | 25/10 | - | 25/10 | |
| | PH01CFDN05 | Practical based on PH01CFDN01 | Practical | 2 | 3 | 4 | 15/5 | 35/14 | 50/20 | |
| | PH01CFDN06 | Practical based on PH01CFDN02 | Practical | 2 | 3 | 4 | 15/5 | 35/14 | 50/20 | |
| Elective Course (Any One) | PH01EFDN01 OR PH01EFDN02 | Cell and Molecular Biology* OR Food Microbiology** | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 | |
| | PH01EFDN03 OR PH01EFDN04 | Practical based on PH01EFDN01* OR Practical based on PH01EFDN02** | Practical | 2 | 3 | 4 | 15/5 | 35/14 | 50/20 | |
| | Total | | | | 25 | 30 | - | 205 | 420 | 625 |

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

2) : Student will select any one elective from theory and the related practical.

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

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

