

# Syllabus Structure of Four Semesters

## M.Sc. (Nutrition and Food Science)

### Semester I

Course Code	Course Name	Credits	Theory/ Practical
<b>Core</b>			
111	Basic Principles of Traditional Indian Diet part I	4	Theory
112	Basic Principles of Nutrition Science	4	Theory
113	Basics of Anatomy & Physiology	4	Theory
114	Nutritional Biochemistry	2	Theory
<b>Research Methodology</b>			
115	Research Methodology	4	Theory
<b>Core Elective</b>			
116	Nutrition and Immunity	4	Theory
117	Diet in Metabolic Disorders	4	Theory
<b>Total</b>		<b>22</b>	
<b>END of SEMESESTER I</b>			

## Semester II

Course Code	Course Name	Credits	Theory/ Practical
<b>Core</b>			
211	Basic Principles of Traditional Indian Diet part II	4	Practical
212	Medical Nutrition Therapy (MNT)- Part I	4	Theory
213	MNT –I (Traditional and Modern approaches of therapeutic cooking)	2	Practical
214	Basic Diet from <i>Kshemakutuhala</i>	4	Theory
<b>Internship/ On Job Training</b>			
215	OJT (On Job Training- 1 month's internship)	4	Practical
<b>Core Elective</b>			
216	Nutrition for Maternal , Child & Geriatric Health	4	Theory
217	Yogic Diet	4	Theory
<b>Total</b>		<b>22</b>	
<b>END of SEMESESTER II</b>			
Exit with Post Graduate Diploma in Nutrition and Food Science (Recommended internship of 4 Credits in Multispecialty Hospital )			
<b>Cumulative credits for PG Diploma (after 3 Years) Degree = 44 CR</b>			
Major		28	
Elective		08	
OJT		04	
Research Methodology		04	
<b>Total</b>		<b>44</b>	

### Semester III

Course Code	Course Name	Credits	Theory/ Practical
<b>Core</b>			
311	Ayurvedic Nutrition Therapy	4	Theory
312	MNT-II	2	Practical
313	Medical Nutrition Therapy (MNT) Part-II	4	Theory
314	Basic Diet from <i>Bhojankutuhala</i>	4	Theory
<b>Research Project</b>			
315	Minor Research Project	4	Practical
<b>Core Elective</b>			
316	Critical Care Nutrition	4	Theory
317	Hospital Catering Management & Diet Counselling	4	Theory
<b>Total</b>		<b>22</b>	
<b>END of SEMESTER III</b>			



## Semester IV

Course Code	Course Name	Credits	Theory/ Practical
<b>Core</b>			
411	Community Nutrition	4	Theory
412	Ayurvedic Diet Planning	4	Theory
413	Sports and Fitness Nutrition	4	Theory
<b>Research Project</b>			
415	Dissertation	6	Practical
<b>Core Elective</b>			
416	Functional Foods and Nutraceuticals	4	Theory
417	Microbiome and Nutrition	4	Theory
<b>Total</b>		<b>22</b>	
<b>END of SEMESESTER IV</b>			
<p>Elective subjects will be offered only if there are minimum 10 students for the respective selected course.</p> <ul style="list-style-type: none"> <li>• Nutrition in Diabetes care/ Cardio-metabolic health will be offered as values added course.</li> <li>• Micronutrients and Trace elements- Value added course (compulsory) to be completed by January.</li> </ul>			
<b>Credit for 1 year PG Degree (after 4 Year UG ) = 44 CR</b>			
Major		26	
Elective		08	
Research Project		10	
<b>Total</b>		<b>44</b>	

<b>Cumulative Credit for 2 Year PG Degree = 88 CR</b>	
Major	54
Elective	16
Research Practical	10
Research Methodology	04
OJT	04
<b>Total</b>	<b>88</b>

