



T.Y.B.SC. ORIENTATION TO BRANCH I: FOODS, NUTRITION & DIETETICS





Nutrition

- Science of interaction of nutrients and other substances in food in human body.

Food Science

The science related to all activities pertaining to procuring, preparing, preserving and processing of food.



Dietetics
Application of nutrition principles in a clinical set up.

FACULTY - FOODS, NUTRITION & DIETETICS



Ms. Jacqueline Colaco
Associate Professor



Mrs. Vibha Hasija
Assistant. Professor
H.O.D.



Ms. Fatima Kader
Assistant Professor



Dr Sheetal Joshi
Assistant Professor



Dr. Minelly Rodrigues
Assistant Professor

We also have **Visiting faculty & Guest Lecturers**

T.Y. B.Sc. (HOME SCIENCE)
BRANCH I : FOODS, NUTRITION AND DIETETICS
SEMESTER V

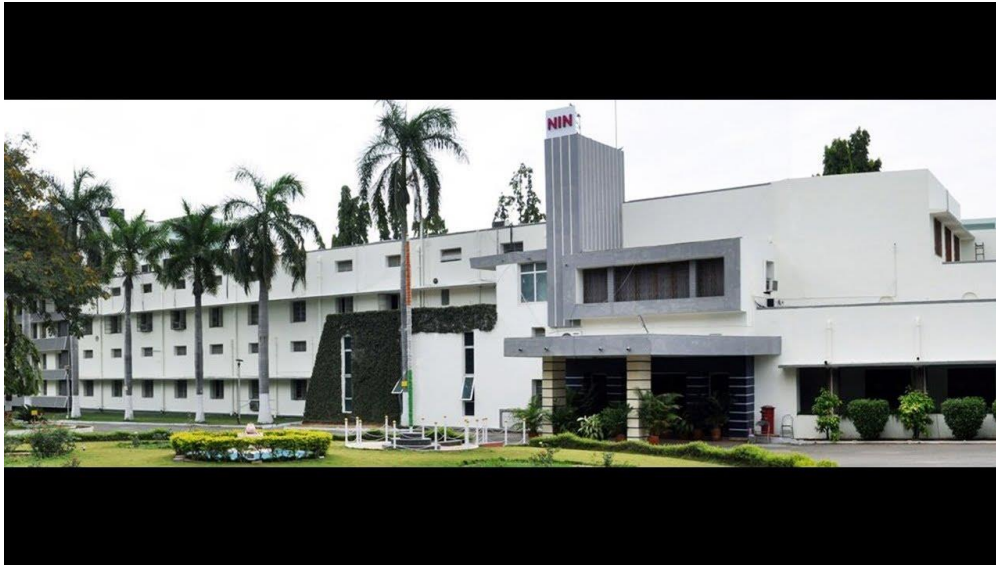
Course Code	Title	Semester End Exam Total Marks	Periods/ Week/ Division/ Batch	Credits
USHSI501	Nutritional Biochemistry-I	100	3	2
USHSI502	Clinical Nutrition and Diet therapy	100	3	2
USHSI503	Food Microbiology and Preservation	100	3	2
USHSI504	Human Nutrition - Macronutrients	100	3	2
USHSI505	Community Health and Nutrition	100	3	2
USHSI506	Food Production and Service in Institutions	100	3	2
USHSIP501	Part A – Diet Therapy	50	4	2
USHSIP502	Part B – Food Analysis & Clinical Biochemistry-I	50	4	2
USHSIP503	Part A – Community Nutrition	50	4	2
USHSIP504	Part B – Applications of Food Production and Service	50	4	2
	Total	800	34	20

T.Y.B.Sc. (HOME SCIENCE)
BRANCH I : FOODS, NUTRITION AND DIETETICS
SEMESTER- VI

Course Code	Title	Semester End Exam Total Marks	Period/ Week/ Division/Batch	Credits
USHSI601	Nutritional Biochemistry –II	100	3	2
USHSI602	Clinical Nutrition and Diet therapy	100	3	2
USHSI603	Food Processing	100	3	2
USHSI604	Human Nutrition – Micronutrients and Functional foods	100	3	2
USHSI605	Nutritional Surveillance	100	3	2
USHSI606	Entrepreneurship in Food Nutrition	100	3	2
USHSIP601	Diet Therapy	50	4	2
USHSIP602	Food Analysis and Clinical Biochemistry- II	50	4	2
USHSIP603	Applied Nutrition	50	4	2
USHSIP604	Entrepreneurial Skill Development	50	4	2
	Total	800	34	20

ACTIVITIES
AND
EVENTS

NATIONAL CONFERENCE & INDUSTRIAL VISIT AT HYDERABAD



54th Annual Conference of
NUTRITION SOCIETY OF INDIA
Theme: *Salubritas in Healthy Diet!*
14-15 Dec 2018
at Hyderabad

PALMYRA PALM ROOT/ SPROUT

- BOTANICAL NAME:** *Chorizanthe flabellata* L.f.
 - In India, specifically in Tamil Nadu, Andhra Pradesh, Telangana and Bihar as well as in Jammu and Laksh, the Palmyra palm roots are planted and made to sprout.
 - The sprouts which are before the sprouts are boiled or steamed and then consumed.
 - Palmyra palm root has 90% fibre and up to 90% starch content (Veeranna et al., 2014).
 - The normal name is known as "Pinnu Kichanaru" in Tamil.
- Need for the study**
- Palmyra Palm root is popular amongst and traditional food which is commonly found in many districts of Tamil Nadu.
 - Even though nutritional it is one of the underutilized foods with high health benefits.
 - Studies on Palmyra palm indicate the potential for anti-bacterial, anti-oxidant and hypercholesterolemia effect (Chandrasekar et al., 2004).
- Scope of the study**
- This study could pave the way for understanding the therapeutic importance of Palmyra Palm root in mitigating breakdown of dietary carbohydrates, free radical scavenging potential.
 - Encourage its use as a potential functional food.



Entrepreneurship – Stalls put up by T.Y. B.Sc. Students during the workshop on “Cortisol stories”





Food Product Development

Visit to All Saints Old Age Home - Mazgaon



Applications of Food Production and Service (Practical)

Students organized and managed - Food Service & Fun fair Activity





Certificate courses conducted at T.Y.B.Sc. For students of FND

MANDATORY

1. Lecture series on Basic Physiology
2. Lecture series on Research Methodology & Statistics

OPTIONAL

1. Nutrition in Exercise & Fitness (Value added course affiliated to U.O.M.)

**CAREERS, JOBS
&
PROFESSIONAL OPPORTUNITIES**





**Nutrition
Education**



**Hospital
Dietician**



Private Clinic



**Public Health
Nutritionist**



**Nutrition policy
maker**



**Human Nutrition
Research**



**Health & Nutrition
Writer**



Food Stylist



Sports Nutritionist



**Food Processing and
quality control**



Digital media
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**Nutrition
Communication and
Apps**



Nutraceuticals - R&D/ Marketing



Health kitchen/ Special Diet - Entrepreneur



Food Product Development & innovation



Wellness & Health activities/camps



All the best!

