



SNDT Women's University

**APRIL
2023**



Department of Food Science and Nutrition

Juhu Road, Santacruz (W),
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Staff Members



Prof. Mira K Desai
I/C Head

Dept. Coordinators –

1. Dr. Bharti Shah
2. Ms. Pranali Pangerkar

Lab Attendants -

1. Mr. Sunil Kasare
2. Mrs. Harshala Chaudhari

Visiting Faculty Members

No	Person	Subject Area
1	Dr. Chanda Gokhale	Food Science and Nutrition
2	Dr. Meera Shankaran Kutty	Microbiology
3	Dr. Meena Mehta	Food Science and Nutrition
4	Dr. Reema Mathur	Clinical Nutrition
5	Dr. Meena Godhia	Food Science and Nutrition
6	Dr. Sharvari Desai	Biochemistry
7	Mrs. Apurva Halbe	Food Science and Nutrition
8	Ms. Aditi Goyal	Clinical Nutrition and Dietetics
9	Mr. Narendra Khare	Statistics
10	Ms. Bijal Lalan	Food Science and Nutrition
11	Mrs. Tirtha Shah	Food Science and Nutrition
12	Ms. Mansi Shah	Maternal and Child Nutrition
13	Ms. Shubhangini Joshi	Food Processing and Technology
14	Ms. Veerja Loke	Biochemistry
15	Ms. Pooja Murjani	Clinical Nutrition and Dietetics

RUSA Centre for Food Product Development Staff

Ms. Shreya Warriar

Food Science and Nutrition

About The Department

1962

- UG Programmes on Food Science and Nutrition offered from Churchgate campus.

1977

- PG programme in Food Science & Nutrition at SVT College of Home Science shift to Juhu campus.

1986

- Department of Post Graduate Studies & Research in Home Science was established at Juhu Campus.

2000s

- Post Graduate Diploma in Dietetics in 1987 and PGD in Nutrition, Food Processing Technology was started in 1997 were started under self finance.

2006

- Masters in Clinical Nutrition and Dietetics was started as self-finance programme.

2016

- Government Funded RUSA Centre for Food Product Development was established

Departmental Goals

संस्कृता स्त्री पराशक्ति

The Department participates actively in the process of national development through trained and skilled professionals in the areas of Nutrition & Health, Dietetics, Food Science and Food Processing and envisions to serve as a resource centre for research. Extending services to the community has been a core component of the department.

Academic Programmes

Dept. of Food Science and Nutrition

Ph.D.

Masters

Diploma

Ph.D.

- in Food Science & Nutrition

PG Diploma

Dietetics
(1987)
Nutrition in
Food
Processing
Technology
(1997)

Masters

Food Science
& Nutrition
(1964)
Clinical
Nutrition &
Dietetics
(2006)

Infrastructure

- 3 Classrooms
- 4 Laboratories
 - Biochemistry Lab
 - SMT Lab
 - Nutrition Lab
 - Sensory Lab
- Instrumentation Room
- Departmental Library
- RUSA – Centre for Food Product Development (CFPD)



RUSA Centre for Food Product Development

RUSA - CFPD provides Skill development and hands-on infrastructure and technical knowhow for food product development through qualified and experienced mentors. The machinery available at the Centre can help design and execute product trials and controlled experimentation.

SERVICES AVAILABLE WITH US

- Sensory panel testing
- Analytical tests to evaluate active ingredients as per FSSAI regulations
- Product stability tests for ascertaining the shelf life of a food product
- Calculation of nutrition facts of food products
- Recruitment assistance to match your job requirement to recruit dietitians and nutritionists for your company

Managed by Qualified Nutritionists
Assisted by a panel of highly skilled and experienced advisory board.

**RUSA CFPD
CONVERTS YOUR IDEAS INTO
REALITY**

REACH US AT

rusacfpd@fsn.sndt.ac.in

rusa_sndt

022-26608855

Room No. 015, RUSA Centre for Food Product Development, Dept. of Food Science and Nutrition, PG Department of Home Science, SNDT Women's University, Juhu Campus, Mumbai - 400049.

RUSA CENTRE FOR FOOD PRODUCT DEVELOPMENT

WHO SHOULD VISIT US?

- Students of Food science, Nutrition & allied subjects
- Food Scientists & Researchers
- Dietitians & Nutritionists
- Food & Beverage Companies (MSMEs and SMOs)
- Catering Corporates & Hotel Industry
- Food Business Owners
- Budding Food Entrepreneurs

WHAT WE CAN ACHIEVE TOGETHER?

- Research and Development of new food products
- Product quality testing with allied sister institutions
- RUSA CFPD provides qualified & experienced mentors for inspiring & ambitious students, entrepreneurs and SMOs to guide them in product development and packaging consultancy
- Hands on training and interships for students and aspiring individuals

WHAT DO WE DO?

- Consultancy for developing new food products
- Seminars & Workshops for even working hands of food and nutrition
- Hands on training on specialised equipments to students & industry sponsored candidates
- RUSA CFPD as an incubator B & D Centre: Trained staff support for a fixed period and assigned task for completion and monitoring of the project
- Equipment on rent: Availability of equipments for a limited period or a pre-decided rental and independently carry out your project/assignment with your own staff

WHICH FACILITIES WE HAVE?

- Microwave Vacuum Dehydrator** - Designed for drying all the temperature sensitive vacuum (SS304)
- Spray Dryer** - Designed to dry solutions and emulsions. Used extensively to preserve fluids (L102 Approved)
- Vacuum Packaging Machine** - Vacuum Packaging & limits bacteria contamination and retains freshness. Model Number - PM400020
- Extruder** - Designed for making variety of products (Biscuits/Cakes, pasta, bakery items, etc.)
- Tray Dryer** - Designed to dry food products under controlled temperature
- Casting Machine** - Designed for mixing and surface coating of chips, crackers, nuts, malted, etc.
- Walk in Chiller** - Designed for cold storage of products for longer shelf life
- Freeze Dryer** - Designed for production of instant meals, hot soups, drying of fruits for healthier cereals
- Emulsifiers** - for the mixing and production of butter, mayon, creams and margarines
- Ultra-sonicator** - used for homogenisation and to improve microbial stability
- Industrial Oven** - for baking of cookies, cakes, confectionery, pastries, etc.

Conferences/Seminars Organized by Department (2016 - 2022)

No	Title of the Conference/Seminar/Workshop	Date	Sponsoring Agency
1.	Workshop on Nutrition Management of Cancer Patients	Sept 7, 2016	Tata Cancer Hospital
2.	Seminar: Application of DEXA for Estimating Body Composition	Sept. 26, 2016	Nanavati Hospital
3.	Workshop: HACCP	October 8-9, 2016	RB CFBP Consumer Education and Testing Centre
4.	Seminar and Exhibition 'PRERNA' Platform for Raising Entrepreneurial Abilities in New Age	Jan16-17, 2017	Food Science and Nutrition Department and RUSA
5.	Nutrition Week	Sept 2019	RB CFBP Consumer Education and Testing Centre
6.	Symposium on Millet Year	Feb 11, 2022	Conducted By RUSA - CFPD






**RUSA Centre for Food Product Development
SNDT Women's University
Juhu Campus**

presents

INTERNATIONAL YEAR OF MILLETS SYMPOSIUM 2023

11 Feb, 2023

10-5 pm

J H Mini Auditorium, SNDTWU, Juhu

10:45 AM
Millet as Nutri Cereals
Anuradha Shekar
Head, Food Products, Vellore College of Home Science

11:30 AM
Research on Millets
Dr. Mahesh Patil
Founder, Kulkarni

12:15 PM
Millets & Sustainability
Dr. Jagdish Pai
Executive Director, PMF (AI)

02:15 PM
Millets as Superfoods
Dr. Sharad Kasarte
CEO, ICR, Nutrition Research Centre

03:00 PM
Millet Regulations
Dr. Sheetal Gupta
ICSAI, Regulator

03:45 PM
Millet Consumption & Utilisation


Shweta Shah
Co-Chairperson


Ghazal Furniturewala
Co-Chairperson


Moderator
Dr. Bharti Shah
Chief, F&D Co-ordinator

For registrations and queries, reach us at rusacpd@sn.sndt.ac.in or call on 9869022179/ 8425870013



Research Projects (2016 - 2022)

International Project

Effect of Iron and Zinc Biofortified pearl millet (ICTP 8203-fe) consumption on growth immune competence and cognitive function with **Cornell University, USA** (Harvest Plus) (Total Budget INR 9943015/-)



State Projects

1. Food product development millet base product (**RUSA sponsored**)
2. Feeding practices and nutrient intake of young children in selected areas of Maharashtra state for Rajmata Jija Mission (CCDT-**Committed Communities Development Trust & Tata Trust**) (Budget Rs.19,48, 547)



Ministry of Health & Family Welfare
Government of India



University Grants Commission

**STATE
PROJECT
SPONSORS**



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

STUDENT ACHIEVEMENTS (2016 - 2021)

- ✓ Nimrah Butler, Nisha Chhede, Archana Varak awarded the K. U Naram Award by Association of Food Scientist & Technologists in October, 2016.
- ✓ Hiteshi Dhani awarded the first prize for Poster Competition and presentation at International Conference on Obesity and Chronic Disease at Las Vegas, USA on 25th – 26th July, 2016.
- ✓ Pooja Singhania was awarded Bharat Jyoti Puraskar by Best Citizen Publishing Home in July, 2017.
- ✓ Deepika Chetri was awarded best Paper Presentation award by Global Public Health Conference in 2020.
- ✓ Amita Mishra was awarded the Title of Iconic Nutritionist of Mumbai by World Health and Wellness in 2020.
- ✓ Nidhi Randive was awarded the K. U Naram Award by Association of Food Scientist & Technologists in 2021.



Work During COVID-19

- ✓ The Department provided online support by conducting online survey based research on the topic ***“Survey on Dietary Pattern and Food Intake of Women during COVID Lock Down”***.
- ✓ **PG Department of Food Science and Nutrition, SNDTWU and Medical Research Centre- Kasturba Health Society** collaborated with **The Department of Home Economics - Nutrition and Meal Management, Smt. Maniben M.P. Shah Women's College of Arts and Commerce, Matunga**, for conducting this survey as an attempt **to record the changes in dietary patterns during the national lockdown**. The survey successfully covered a sample size of 1337 responses.



Survey on Dietary Pattern and Food Intake of Women during the COVID Lock down

The Department of Home Economics- Nutrition and Meal Management, Smt. Maniben M.P. Shah Women's College of Arts and Commerce, Matunga, in collaboration with the PG Department of Food Science and Nutrition, SNDTWU and Medical Research Centre- Kasturba Health Society are conducting this survey as an attempt to record the changes in dietary patterns during the national lockdown.

It has been more than a month since the national lock down started. Along with changes in daily routine, our dietary pattern and food intake has likely been affected during the lock down. This survey is intended for women who have been juggling housework and office work with the entire family at home.

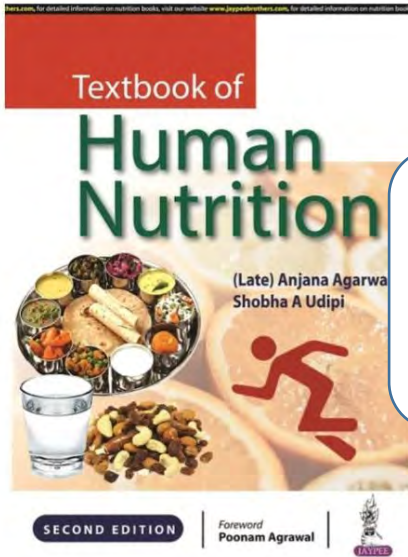
The questionnaire will take about 10 minutes for you to answer completely. If you are filling the form on the cell phone, hold the phone horizontally so that all answer options will be visible.

Thank you for taking this survey!

* Required

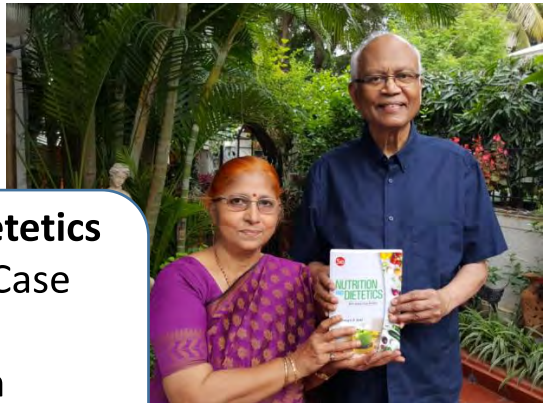
FACULTY RESEARCH PUBLICATIONS = 23

Faculty Book Publications



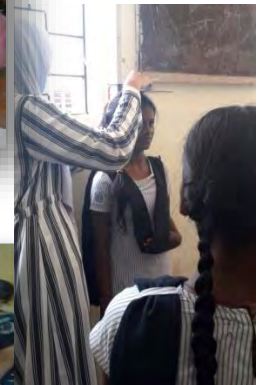
Textbook of Human Nutrition
2nd Edition
(Late) Anjana Agarwal
Shobha A. Udipi

Nutrition & Dietetics
(With Indian Case Studies)
5th Edition
- Shubhangini Joshi



Field Work

- Sessions On importance of Hygiene, importance of various nutrients in daily life etc. through Survey in 2019
- Study of Iron deficiency Anemia in school going children of age group >12 years & Mothers
- Visit to Ghatkopar Municipal School for specially Aided children suffering from developmental disorder, Autism, ADHD run by Spandan charitable trust Dr. Praful Barvalia in March 2019.



Internships

Hospitals

- Nanavati Multispeciality Hospital
- KEM Hospital
- Apollo Hospital
- Saifee Hospital

Organisations / Industries

- True Elements
- PFNDAI
- AMUL
- National Institute of Public Health Training & Research
- Galaxy Cloud Kitchen

NGOS

- FMCH – Foundation of Mother and Child Health
- Shrunkala



एस्. एन्. डी. टी. महिला विद्यापीठ

* कुलगीत *

“संस्कृता स्त्री पराशक्ति” स्वर हमारा है
विश्व है परिवार, भारत घर हमारा है।
हम नहीं हैं दीन, कहता कौन हम अबला
है सबल संस्कृति हमारी, हम सभी सबला
ज्योती से जगमग हुआ, अंतर हमारा है।।
स्वप्न ठाकरसी हुआ साकार है इसमें
महर्षि कर्वे तपस्या - सार है इसमें
हम दिशाएँ और यह दिनकर हमारा है।।
“संस्कृता स्त्री पराशक्ति” स्वर हमारा है
विश्व है परिवार, भारत घर हमारा है।

Booklet Committee

- Prof. Medha Tapiawala, Dean, Faculty of Humanities
- Mr. Mehul Khale, PRO
- Mr. Shrikant Salekar, Jr. Stenographer

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