

Curriculum Vitae

Name: Madhu Mitha . M

Date of Birth: 14.05.1993

Email Id: madhu14mitha@yahoo.in

Mobile No: +91 9036427020



Objectives

To contribute my knowledge and technical skills to the optimum extent for the growth and development of the organization and to share my knowledge for bringing innovative improvements in the existing organizational institute and also interested to learn new/emerging technologies. I have great interest in the field of food science/quality control and also would love to contribute my knowledge for the wellbeing of people.

Educational Qualification

Course	Year of Passing	Institution	Percentage
Ph.D. Food Science & Nutrition	2018 - Present	University of Mysore	82.5
CBSE UGC NET	2017	Qualified for JRF and Assistant Professor	68.00
M.Sc. Food Technology and Management	2016	M.O.P Vaishnav College for Women	80.78
B.Sc. Chemistry, Zoology, Microbiology	2014	Mount Carmel College	80.8
XII - Science (State)	2011	Mount Carmel Pre-University College	72.33
X - ICSE	2009	St. Francis Xavier's Girls High School	76.57

PhD thesis title: **“Effectiveness of a specially designed food product in promoting weight gain and changes in body composition in children with severe wasting”**

Work Experience

Currently in my final year PhD (tentative thesis completion and submission by May 2023) under the guidance of Dr. Sumathi Swaminathan, Associate Professor, Division of Nutrition, St. Johns Research Institute, Bengaluru.

Master's Thesis Worked under Dr. Laxmana Naik – Scientist, Dairy Chemistry Division ICAR-National Dairy Research Institute, SRS Division, Bengaluru.
(January 2016 – April 2016)

Past work experience

Designation	Workplace	Duration
Assistant Professor	M.O.P Vaishnav College for Women, Chennai	Sept 2022 – Feb 2023
Senior Research Fellow	St. Johns Research Institute, Bengaluru	May 2020 – August 2022
Junior Research Fellow	St. Johns Research Institute, Bengaluru	September 2018 – April 2020
Research Assistant	St. Johns Research Institute, Bengaluru	February 2018 – August 2018
Food and Nutrition research content writer	Yourstory Media Pvt. Ltd, Bengaluru	October 2017 – January 2018
R&D and QA Assistant	ITC Life Science and Technology Centre Pvt. Ltd. , Bengaluru <i>New Category – Nutritional Category (Soup powders, Nutritional bars)</i> <i>New Category – Rice (Aashirvad Rice),</i> <i>Existing Category – Chocolate (Fabelle Luxury Chocolates)</i>	February 2017 – August 2017
Research content writer	Truweight wellness Pvt Ltd, Bengaluru	June 2016 – September 2016

Published Research Paper:

1. *Madhu Mitha Manivannan, Manjulika Vaz, Sumathi Swaminathan. Perceptions of healthcare providers and mothers on management and care of severely wasted children: a qualitative study. – sent to BMJ Open (under review)
2. *Madhu Mitha Manivannan, Tinku Thomas, Sumathi Swaminathan. Determinants of Severe acute malnutrition and differences in dietary quality amongst children below 5 years in Karnataka, India: a case control study – sent to BMC Nutrition (under review)
3. Madhumita, Sini Jadeesh, Laxmana Naik, Surendra Nath, Jayaraj Rao. Carotene and Fibre Enriched Processed Cheese Spread And Assessment of its Quality Parameters. Indian Journal of Dairy and Bio Sciences. 2018; 29: 14-20.
4. Madhu Mitha M, Divya B, Simmi Jain. Formulation and Quality Analysis of Detox Drink. The International Journal of Home Science, 2016.

*yet to be published

Presentations in National and International conferences

1. Oral Presentation - Taste acceptability of specially designed food product for children with severe acute malnutrition. 7-9th November 2019 – 51st Annual National Conference of Nutrition society of India, Thiruvananthapuram.
2. Poster Presentation - Sensitivity and specificity of Mid upper Arm circumference in the Identification of Severe acute malnutrition in children of Raichur. 28th October, 2018. 50th Golden Jubilee International Conference of Nutrition Society of India, Hyderabad.
3. Poster Presentation – New product development of a prebiotic popsicle to treat children with Irritable Bowl Syndrome. 26th September 2014 – Food Explore '14 Tamil Nadu Agricultural University, Coimbatore.

Summer Internships

Mondelez Foods India Pvt. Ltd (Bengaluru)

Bangalore Dairy – Nandini (Bengaluru)

Awards received

1. Awarded first place for the new product development "Covigummies" in the event "Unmochon – Case study on COVID and Food Technology of the FOOD ENVISION 2021 organized by the Dept. of Food Technology, Guru Nanak Institute of Technology, Kolkata.
2. Awarded first place for the new food product development "Detox drink for liver" organized by GRUWITZ 2020 by the Dept. of Food Technology, National Institute of Food Technology & Management.(NIFTEM), Sonipat.
3. Awarded first place for the oral presentation – Taste acceptability of a specially developed food product for children with severe acute malnutrition, 7-9th December 2020, Virtual International Conference on "Recent advances in Chemical and Biological Sciences" – Dayananda Sagar College of Engineering, Bengaluru.

Additional Qualification

1. Credit course on Pollution Management
2. Credit course on Introduction to legal literacy
3. Credit course on Civic Awareness and Social Responsibility
4. Course on Research Techniques and management strategies
5. Received training on the use of data collection software EpiInfo & EpiData
6. Workshop cum training programme on FOOD SAFETY organized by CONCERT and M.O.P Vaishnav College for Women

Skill Set

1. Technical skills: Processing and Analysis of Food and Dairy Products, Skills in operating Electrophoresis, Milk Analyzer, Spectrophotometer, Fourier Transform Infrared Spectroscopy, Soxhlet extractor, HPLC and Protein Analyzer (Kjeldahl) and acquainted with regulatory aspects of Food and Dairy products
2. Computer Skills: MS Office, R statistical software, SPSS software
3. Soft skills: Communication and Co-ordination
4. Quality Control: HACCP, ISI, Agmark, Six Sigma, GMP, FSMS, FSSAI

Other co-curricular activities

Carnatic music

Violin

Bio-Data

Marital Status: Single

Father's name: V. Manivannan

Address: Villa No.17, Urban Serenity, Thindlu village, Sarjapura, Bengaluru, Karnataka - 562125

I hereby declare that the above particulars of facts and information stated are correct to the best of my belief and knowledge.

Place: Bengaluru

12.04.2023

Madhumitha M

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