


**FACULTY INFORMATION**

**PERSONAL INFORMATION**

<b>Name</b>	Dr. Shwetha M.S	
<b>Designation</b>	Assistant Professor	
<b>Official Email ID</b>	<a href="mailto:ms.shwetha@jainuniversity.ac.in">ms.shwetha@jainuniversity.ac.in</a>	
<b>Academic Experience</b>	1.8 years	
<b>Industry Experience</b>	NIL	
<b>Core Discipline</b>	Food Process Engineering	
<b>Specialization</b>	Food Process Engineering	
<b>Research Interest</b>	Food Processing, Shelf-life Extension, Product Development, Food Packaging, Sustainable Drying, New Product Development, Design	

**PROFESSIONAL QUALIFICATION**

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
B.Tech (Agricultural Engineering)	2012	University of Agricultural Sciences, GKVK, Bengaluru
M.Tech (Processing and Food Engineering)	2014	University of Agricultural Sciences, GKVK, Bengaluru
Ph.D (Food Process Engineering)	2019	National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM-T)
<b>MEMBERSHIP OF PROFESSIONAL BODIES</b>		
<b>Professional Society</b>	<b>From Year</b>	
AFST(I) : Association of Food Scientists and Technologists (India), Mysore	2022	Life Member

**SUMMARY OF RESEARCH PUBLICATIONS**

**INTERNATIONAL JOURNALS**

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Pharmacognosy Magazine	2020, 16(68), Pg 187-192	Secondary Metabolites and Pesticide Screening in Organic and Inorganic Tomatoes by Gas Chromatography–Mass Spectrometry and Liquid Chromatography/Tandem Mass Spectrometry
Pharmacognosy Journal	2018, 10(4), Pg 715-719	Functional and Morphological Studies of Organic and Inorganic Tomatoes
Springer Book Chapter	2017, Pg 44-65	Brown Rice: Engineering Properties of Brown Rice from Selected Indian Varieties

**NATIONAL JOURNALS**

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal of Chemical Studies	2018, 6(3), Pg 570-574	Development of Ready-To-Serve Organic Tomato Powder Mocktail
Indian Journal of Science	2016, 23(77), Pg 26- 33	Development of squash from Jackfruit (Artocarpus heterophyllus. L)
International Journal of Agricultural Science and Research (IJASR)	2018, 8(1), Pg 161-166	Effect of Selected Jackfruit Genotypes on Quality Parameters of Squash
International Journal of Chemical Studies	2017, 6(1), Pg 966-970	Studies on physico-chemical properties of developed jackfruit squash from different genotypes
International Journal of Current Microbiology and Applied Sciences	2018, 7(2), Pg 775-779	Incidence of Bacteria-Yeast-Moulds on Processed Jackfruit Squash from Different Genotypes
Research Journal of Agricultural Sciences	2017, 8(3), Pg 767-768	Performance Evaluation of Power Operated Maize Sheller cum Dehuskar
International Journal of Chemical Studies	2017, 5(5), Pg 1450-1458	Natural antioxidants to reduce the lipid oxidation process of meat and meat products: A review

**SUMMARY OF CONFERENCES PARTICIPATED**

**INTERNATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
International Conference on Science and Technology for Socio-Economic and Environmental Sustainability	School of Science, JAIN (Deemed-to-be University), JC ROAD, BANGALORE	2022
International Conference on Recent Advances in Food Processing Technology	Indian Institute of Food Processing Technology, Thanjavur	2018
Food Processing Technologies-Challenges & Solutions for Food Security	Indian Institute of Crop Processing Technology, Thanjavur	2013

**NATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
JNANA CHILUME	FET, JAIN (Deemed-to-be University), Bengaluru	2022
Food and Nutrition Challenges: Role of Food Science and Technology	ICFoST, AFST(1), CSIR-ICT, Hyderabad	2017
Recent trends in Agriculture, Biotechnology & Food Processing	University of Agricultural Sciences, Bengaluru College of Agriculture, Hassan	2017
GENOCHEM 2K16, Anti-Microbial Food Packaging	Arulmigu Meenakshi Amman College of Engineering, Vadamavandal	2016
Lecture-cum-Workshop on Interpretation of Spectral, Chromatographic, Crystallographic and Computational Data of Chemical Systems	CRD, PRIST University and IICPT, Thanjavur	2016
Whole Grain for Healthy Life	Indian Institute of Crop Processing Technology, Thanjavur	2015
Research strategies, technologies and upcoming challenges in food science and biotechnology for healthier life, RTCFSB	Kongu Engineering College, Perundurai, Erode	2015
Technologies and Technologists for Indian Food Industries, SCOFTECH	Indian Institute of Crop Processing Technology, Thanjavur	2014
Jackfruit and Breadfruit of the Topics: Genetic Diversity, Management, Value Addition and Marketing Strategies	University of Agricultural Sciences, GKVK and Department of Biotechnology, New Delhi	2014

Appropriate Technologies for Indian Food Industries	Indian Institute of Crop Processing Technology, Thanjavur and University of Agricultural Sciences, Bangalore	2012
<b>AWARDS / HONORS / ACHIEVEMENTS</b>		
<b>Nature</b>	<b>Year</b>	<b>Awarding Institution</b>
ASRB-NET	2017	Indian Council of Agricultural Research (ICAR)
CSIR-SRF Fellowship	2017	Council of Scientific and Industrial Research, New Delhi
Merit Scholarship Ph.D (Food Process Engineering)	2015-2017	National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTM-T)
Second Best Poster Award	2014	National Students Conference, IICPT, Thanjavur, Tamil Nadu
Department (Agri. Engg) Best Poster Award	2014	First Poster Conference of Master Degree Research Programme, UAS, GKVK, Bangalore
<b>PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT</b>		
<b>Designation</b>	<b>From - To</b>	<b>Institution / Organization</b>
Teaching Associate	2014-2015	Acharya N.G Ranga Agricultural University, Madakasira, Andhra Pradesh
<b>POSITIONS HELD IN THE PRESENT ORGANIZATION</b>		
<b>Designation</b>	<b>From - To</b>	<b>Institution / Organization</b>
Assistant Professor	2022 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology
<b>RESEARCH GUIDANCE</b>		
<b>Total No. of Students Guided</b>	<b>Ph.D</b>	<b>M.Tech</b>
11	NIL	11