



## Contact

Email  
[kavanagh.fbas.sas@gmu.ac.in](mailto:kavanagh.fbas.sas@gmu.ac.in)

Phone

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Websites

[www.linkedin.com/in/kavanahegde](https://www.linkedin.com/in/kavanahegde)

## Ms. Kavana G H

Assistant Professor, Department of Food Science and Technology

### Faculty

Faculty of Basic and Applied Sciences

### School / Program

School of Applied Sciences  
B.Sc. in Food Science and Technology

### Faculty Introduction

**Ms. Kavana G. H** is an Assistant Professor in the Department of Food Technology. She holds an M.Tech in Food Technology and a B.Tech in Biotechnology. Her areas of interest include food waste valorization, product development, nutritional improvement, and sustainable processing. She has contributed book chapters and research papers to reputed publications and presented her work at national and international conferences. Ms. Kavana also has industry experience as a Food Scientist at Munchbox Frozen Foods Pvt. Ltd., focusing on formulation and product optimization.

### Qualifications

#### M. Tech. (Food Technology)

JAIN (Deemed-to-be-University) – Bengaluru, Karnataka, 2025

#### B.Tech. (Biotechnology)

RV College of Engineering, Bengaluru, 2019

### Experience

#### Teaching

#### Industry

- 8 Months at Frozen Bottle

#### Research

- Worked on projects related to valorization of agro-industrial by-products for sustainable food applications and conducted analytical studies on nutritional enhancement of bakery products.

### Training Program Attended

- FSS (Licensing and Registration of Food Businesses) Regulation, 2011 Training on 8<sup>th</sup> Jan, 2025
- FSS (Labelling & Display) Regulation, 2020 training on 9<sup>th</sup> Jan 2025
- Food Safety Supervisor Training, 2025
- Lean six sigma Training, 2024

### Research Interest

- Food product development
- Waste valorization
- Nutritional analysis
- Food processing technologies
- Functional food formulation

### Awards & Achievements

- **FIRST position** for **ORAL PRESENTATION** at **7th AMIFOST 2024 International Conference** on “Recent Advances and Future Prospects in Formatting a Healthier Food System” on 19th - 20th March 2024 at Amity University Uttar Pradesh, Sector 125, Noida.
- **Best Project Award** for B.Tech Major Project: Recognized for excellence in genetic engineering research on PL gene transformation in tomatoes, focusing on extending shelf life and reducing post-harvest losses.

### Publication / Patents

- Book Chapters: 1. 3D Printing in Food Technology: Innovations and Applications. Kavana G H, Dr. Sundus Nida\* In *Emerging Trends in Food Processing Technologies*, Springer.
- 2. Synthetic dyes, Heavy metals, and other hazardous materials for the environment. Kavana G H, Divya S, Kamalika Sarkar, Dr. Sumit Kumar\*

### Professional Membership

### Awards & Recognitions



### Administrative Responsibilities

- Library advisory committee member
- Mentorship committee member
- Cultural Committee member
- Scholarship committee member

### Workshops / FDPs / Seminars Attended

- 7th AMIFOST 2024 International Conference, Organized by AMITY UNIVERSITY, August 2024

### Workshops / FDPs / Seminars Organized

- "Jnana Chilume-2023", 6 Annual Series of National Conference Organized by Faculty of Engineering and Technology, JAIN (Deemed-to-be University)

### Projects Guided

### Funded Projects / Grants Received

### Any Other Contributions