



Contact

Email : tilakr.fbas.sas@gmu.ac.in

Phone: +91 9141521252

Websites

www.linkedin.com/in/tilak-r-676739148

Google Scholar, Research Gate
SCOPUS, PUBLONS ID

Mr. Tilak R M.Sc., (Ph.D.)

Assistant Professor and Program Manager, 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
M.Sc. in Food Technology

Faculty Introduction

Mr. Tilak R serves as Assistant Professor and Program Manager in the Department of Food Science and Technology at GM University, Davanagere, and is currently pursuing his Ph.D. in Food Technology at Davanagere University. His research focuses on functional foods, nutraceutical activities, and innovative food processing. He specializes in new product development, food preservation and processing techniques, food microbiology, and food safety and quality management. His academic interests include exploring sustainable food innovations, value addition, and nutraceutical applications in the modern food industry.

Qualifications

Ph.D. (Food Technology) *

Davangere University, Davanagere, Karnataka. 2024 – Present

M.Sc. (Food Science and Technology)

St. Aloysius College (Autonomous), Mangaluru, Karnataka – 2023

B.Sc. (Chemistry, Zoology, Food Science and Nutrition)

Govt. Home Science and College, Hassan, Karnataka – 2021

Experience

Teaching

- Assistant Professor & Program Manager

Department of Food Science and Technology, GM University, Davanagere (2024–Present).

Teaching and guiding undergraduate and postgraduate students in food science, technology, and nutrition; coordinating academic programs and departmental activities.

Industry

- **SAP PLM Associate – Functional Consultant**
GRAMONT Labs Pvt Ltd, Mysuru (2022–2024).
- Worked on product lifecycle management and regulatory compliance for food and consumer products, ensuring quality standards and documentation accuracy.

Research

- Mr. Tilak R's research focuses on functional foods, nutraceutical product development, and innovative food processing technologies. His Ph.D. work explores the formulation of functional beverages with nutraceutical potential. He has conducted research at DRDO-DFRL, Mysuru, on enhancing the shelf life of paneer using hurdle technology, and led a **seed money project** on the "*Development of Fruit and Vegetable Pomace-Based Snacks*" funded by GM University. His key areas of interest include food preservation, product innovation, quality assurance, and sustainable food processing.

Training Program Attended

- Quality Management Systems in Food Industry
- Millets: The Super Grains of India
- Zero food miles
- Startup & Entrepreneurship in Indian Food Sector
- AI in Education: Navigating the Future of Learning
- Research Design, Data Analysis, Plagiarism Detection & High-Impact Publishing
- Learning Management Systems (Moodle, Google Classroom, MS Teams)
- Bloom's Taxonomy in Teaching & Assessment
- ICT Tools for Effective Teaching (Mentimeter, Kahoot / Quizizz, Wordwall & Padlet)
- Intellectual Property Rights (IPR) & Patents
- Grant Proposal Writing & Funding Opportunities (UGC, DST, DBT, ICAR, etc.)
- Leadership Training

Research Interest

- Functional Foods and Nutraceuticals
- Food Product Development
- Food Processing and Preservation Technologies
- Hurdle Technology
- Food Microbiology
- Food Safety and Quality Management
- Sustainable Food Innovation
- Sensory Evaluation and Consumer Studies

Awards & Achievements

- Received Seed Money Grant (₹20,000) from GM University for the project “Development of Fruit and Vegetable Pomace-Based Snacks.”
- Delivered Guest Lectures on “Building a Future in Food Science: Careers, Research & Curiosities” and “Career Guidance in Food Science and Innovations.”
- Secured 2nd place in Debate Competition at SANGAM 2023, St. Aloysius College, Mangaluru.
- Serving as Board of Studies (BoS) Member and Question Paper Setter for UG and PG Food Science programs, GM University.

Publication / Patents

- Ph.D. Dissertation: -
- National Conference Papers:
- International Conference Papers (Posters):
 1. **Tilak Revanasiddappa**, Sharath R*, Kumaraswamy H. M. (2025). *Conservation and Commercialization of Underutilized Fruits in Karnataka: Sustainable Market Development for Biodiversity-Rich Resources*.
 2. K. Shanthi, **Tilak Revanasiddappa***, Prarthana G. D. (2025). Enhancing the Shelf Life and Quality of Paneer Using a Synergetic Preservation Approach. Poster presented at the International Conference on Research Trends on Noni and Sustainable Utilization of Biodiversity for Human Wellness, Kuvempu University, 2025.
- National Journal Papers:
- International Journal Papers:

Professional Membership

- Lifetime Member of the Association of Food Scientists and Technologists (India) – AFSTI.

Awards & Recognitions

- Guest Speaker (2025) – Invited for expert talks on *Career Opportunities and Research in Food Science* at Government Home Science College, Hassan, and GMS Academy, Davanagere.

Administrative Responsibilities

- Program Manager
- Stage & Decoration Committee Member
- Magazine Committee Member
- Placement & Career Guidance Cell Member
- Scholarship Coordinator
- Marketing & Admission Coordinator



Workshops / FDPs / Seminars Attended

- Quality Management Systems in Food Industry
- Millets: The Super Grains of India
- Zero food miles
- Startup & Entrepreneurship in Indian Food Sector
- AI in Education: Navigating the Future of Learning
- Research Design, Data Analysis, Plagiarism Detection & High-Impact Publishing
- Learning Management Systems (Moodle, Google Classroom, MS Teams)
- Bloom's Taxonomy in Teaching & Assessment
- ICT Tools for Effective Teaching (Mentimeter, Kahoot / Quizizz, Wordwall & Padlet)
- Intellectual Property Rights (IPR) & Patents
- Grant Proposal Writing & Funding Opportunities (UGC, DST, DBT, ICAR, etc.)
- Leadership Training

Workshops / FDPs / Seminars Organized

- NIL

Projects Guided

- NIL

Funded Projects / Grants Received

- Seed Money Grant (₹20,000) from GM University for the project “Development of Fruit and Vegetable Pomace-Based Snacks”.

Any Other Contributions

- **Question Paper Setter (2024–Present)** – Prepared examination papers for Food Science and Technology programs at UG and PG levels.
- **Departmental Coordinator** – Assisted in academic planning, event organization, and student mentoring within the Department of Food Science and Technology.
- **Career Guidance and Outreach** – Delivered invited talks and career guidance sessions for Food Science students in various institutions.