

Faculty Profile



Ms. M. MAANSREE, B.E,M.TECH.
Assistant Professor (OG)

HIGHLIGHTS:

- Number of Journal Publications: Nil
- H-Index: Not available
- Project Funding Received: Nil
- Patents Published: Nil
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Anna University Faculty ID: 2770072003
- AICTE Faculty ID: 1-47897407892
- Anna University Supervisor ID: Not available
- LinkedIn: <https://www.linkedin.com/in/maansree-m-998b4a24b?>
- GitHub: Not available

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 4 Months as Assistant Professor in Agricultural Engineering Department at Saveetha Engineering College.
- **Industrial Experience:**
- Ice-cream formulation and Production Project: Ragi boba Ice-cream KMK ENTERPRISES, Vadapalani. (02.06.2025-01.07.2025)

- Training Programme on Food and Dairy Processing Tamil Nadu Veterinary and Animal Sciences University (TANUVAS) September 19–23, 2023
- Training Programme on Farm machineries Agricultural Engineering Department, Nandhanam.

AREA OF SPECIALIZATION:

- Food Processing Technology
- Food Preservation and Storage
- Post-Harvest Technology
- Food Packaging Technology
- Agricultural Processing and Value Addition
- Food Product Development

ACADEMIC & RESEARCH PROJECTS:

- M.Tech Project: Development of Corn-Cob Extract–Based Edible Coating Incorporated with Purified Azadirachtin for Postharvest Protection of Fruits. Developed an eco-friendly edible coating using corn-cob extract. Incorporated purified azadirachtin as a natural antimicrobial agent. Evaluated antimicrobial activity, quality retention and shelf-life extension of fruits during storage.
- B.E Project: Storage Studies of Onion in Pyramid Storage Structure. Studied engineering and physicochemical properties of onion in pyramid storage structures. Evaluated the effectiveness of the structure in increasing shelf life and reducing storage losses. The method helps farmers store onions during off-season and sell them at higher market demand.

COURSES CERTIFIED:

- Dairy and Food Process and Product Technology, NPTEL (National Programme on Technology Enhanced Learning)
- Training Programme on Food and Dairy Processing, TANUVAS, September 19–23, 2023.

SEMINARS/WORKSHOPS ATTENDED:

- Urban Agriculture – E-DRESTEIN 2021
- Emerging Opportunities in Food Processing – E-DRESTEIN 2021

- Drones in Agriculture – Saveetha Engineering College (2022)
- Introductory Course on OpenSource GIS – Saveetha Engineering College (2022)
- Value Added Products in Horticultural Crops – TANUVAS (2023)

ACHIEVEMENTS AND AWARDS:

- M.TECH. CGPA: 8.63/10
- B.E. CGPA: 9.06/10