



## MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad,  
Haryana 121004

**Dr. M. Sneha Nair**

**Designation: Assistant Professor**

**Qualifications: Ph.D (Food and Nutrition)**

**Email: sneha.fas@mriu.edu.in**

**Experience: 4 years approx.**



**Research Interest: New product development, phytochemicals, functional foods, preservation, packaging**

### **Journal Publication Details:**

Kumar, M., Tomar, M., Amarowicz, R., Saurabh, V., **Nair, M. S.**, Maheshwari, C., ... & Satankar, V. (2021). Guava (*Psidium guajava* L.) Leaves: Nutritional Composition, Phytochemical Profile, and Health-Promoting Bioactivities. *Foods*, 10(4), 752.

**Nair, M. S.**, Tomar, M., Punia, S., Kukula-Koch, W., Kumar, M. (2020). Enhancing the functionality of chitosan- and alginate-based active edible coatings/films for the preservation of fruits and vegetables: A review. *International Journal of Biological Macromolecules*, 164, 304-320.

**Nair, M. S.**, Saxena, A., & Kaur, C. (2018). Effect of chitosan and alginate based coatings enriched with pomegranate peel extract to extend the postharvest quality of guava (*Psidium guajava* L.). *Food Chemistry*, 240, 245-252.

**Nair, M. S.**, Saxena, A., & Kaur, C. (2018). Characterization and Antifungal Activity of Pomegranate Peel Extract and its Use in Polysaccharide-Based Edible Coatings to Extend the Shelf-Life of Capsicum (*Capsicum annum* L.). *Food and Bioprocess Technology*, 11(7), 1317-1327

**Conference details:****Poster presentations:**

Nair M.S., Saxena A., Kaur C., Bawa AS (2015). *Effects of pomegranate peel extracts combined with chitosan and alginate coating on the quality of capsicum*. In Proceedings of the 24th Indian Convention of Food Scientists and Technologists, 18-19 Dec., VNMKV Parbhani, India, P-82.

Nair M.S., Saxena A., Kaur C.(2016). *Impact of chitosan and alginate coatings enriched with pomegranate peel extract on the shelf life of guava*. In Proceedings of the 25<sup>th</sup> Indian Convention of Food Scientists and Technologists, 10-12 Nov., GNDU Amritsar, India, P-95.

**Administrative Responsibilities:**

- **Class mentorship which includes dealing with fees issues, scholarship data, compilation of internal assessment and result analysis at the end of each semester. Besides, vertical mentorship which includes mentoring of students pertaining to different semesters in the department and maintaining of the mentor-mentee meeting records.**
- **Departmental Library In-charge**
- **Curriculum development- FST and Food and Nutrition, Syllabus revision (BSc and MSc)**
- **Preparation of list of value added courses, Admission and Placement related tasks**
- **Preparation of question banks for MRNET**
- **Guiding students at the Masters and Bachelors level in their research work.**

**Professional Affiliation**

Lifetime member of NSI

**Event Organized (Conference/Seminar/FDP/Workshops):**

**FDP on “Integrative Approach Towards Current Practices in Food Product Development” from 29<sup>th</sup> April – May 4<sup>th</sup> 2021**

**Awards:**

**UGC-JRF - 2013**